RACCORDERIE METALLICHE

1/2026

Legenda / Key



Peso / ca.
Weight / piece



Pezzi / scatola
Pieces / box



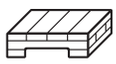
Peso al metro
Weight per meter



Pezzi / sacchetto
Pieces / bag



Peso / ca.
Weight / piece



Pezzi / bancale
Pieces / pallet

Color Code

Sistemi di raccordi a pressare

Press fitting systems • Pressfittingsysteme • Systèmes de raccords a sertir • Sistema de accesorios para prensar

color CODE

Sistemi di scarico

Waste systems • Abflusssysteme • Systèmes de evacuation • Sistemas de evacuación

color CODE

Raccordi a saldare e filettati in acciaio inossidabile

Stainless steel welding and threaded fittings • Schweiß-und Gewindefittings aus Edelstahl • Raccords à souder et filetés en acier inoxydable • Racores a soldar y roscar en acero inoxidable

color CODE

Raccordi a saldare e filettati in acciaio al carbonio

Carbon steel welding and threaded fittings • Schweiß- und Gewindefittings aus Stahl • Raccords à souder et filetés en acier au carbone • Racores a soldar y a roscar en acero al carbono

color CODE

Collari e sistemi di fissaggio

Brackets for pipe supports and fixing systems • Rohschellen und Rohrbefestigung Systeme • Colliers et systèmes de fixation • Abrazaderas y sistemas de fijacion

color CODE

Tappi ed accessori per radiatori

Plugs and accessories for radiators • Stopfen und Heizkörperzubehör • Bouchons et accessoires pour radiateurs • Tapones y accesorios para radiador

color CODE

> **Aiutiamo gli installatori a lavorare in modo rapido, sicuro e conveniente, studiando e realizzando ogni giorno soluzioni innovative di prodotto e di processo prestando particolare attenzione all'impiego dei sistemi di raccordi a pressare.**
>
> ***(Cav. Lav. Pier Luigi CECCARDI, Fondatore e Presidente di Raccorderie Metalliche)***

La struttura del Catalogo
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RACCORDERIE METALLICHE

Azienda certificata
Certified Company


DNV

MANAGEMENT SYSTEM CERTIFICATE

This is to certify that the management system of
RACCORDERIE METALLICHE S.p.A.
Strada Sabbioneta, 59 - 46010 Campitello di Marcaria (MN) - Italy
and the sites as mentioned in the appendix accompanying this certificate

has been found to conform to the Quality Management System standard:
ISO 9001:2015

This certificate is valid for the following scope:
Manufacture and trade of welding, threaded and press metal pipe fittings and dedicated insulation system; collars and clamping systems for pipes and radiators. Trade of mixing valves and automatic float air vents, products and accessories for heating and plumbing uses in conformity with national/international standards, specifications furnished by the customer and established company specifications (IAF 17, 29)

ISO 9001:2015 - DNV


DNV

MANAGEMENT SYSTEM CERTIFICATE

This is to certify that the management system of
RACCORDERIE METALLICHE S.p.A. - Sede Legale e Operativa
Strada Sabbioneta, 59 - 46010 Campitello di Marcaria (MN) - Italy
and the sites as mentioned in the appendix accompanying this certificate

has been found to conform to the Environmental Management System standard:
ISO 14001:2015

This certificate is valid for the following scope:
Production (through cutting, deformation and thread phases) and marketing of metal fittings, welded, threaded, press-on and insulating collars and fixing systems for pipes and radiators. Marketing mix of valves and air vent, products and complementary accessories for use hydro-thermal health, according to national / international customer specifications and internal specifications established (IAF 17, 29)
Evaluated according to the requirements of Technical Regulations RT-09

ISO 14001:2015 - DNV


DNV

MANAGEMENT SYSTEM CERTIFICATE

This is to certify that the management system of
RACCORDERIE METALLICHE S.p.A.
Strada Sabbioneta, 59 - 46010 Campitello di Marcaria (MN) - Italy
and the sites as mentioned in the appendix accompanying this certificate

has been found to conform to the Occupational Health and Safety Management System standard:
ISO 45001:2018

This certificate is valid for the following scope:
Production (through cutting, deformation and thread phases) and marketing of metal fittings, welded, threaded, press-on and insulating collars and fixing systems for pipes and radiators. Marketing mix of valves and air vent, products and complementary accessories for use hydro-thermal health, according to national / international customer specifications and internal specifications established (IAF 17, 29)

ISO 45001:2018 - DNV


DNV

MANAGEMENT SYSTEM CERTIFICATE

This is to certify that the management system of
RACCORDERIE METALLICHE S.p.A.
Strada Sabbioneta, 59 - 46010 Campitello di Marcaria (MN) - Italy
and the sites as mentioned in the appendix accompanying this certificate

has been found to conform to the Energy Management System standard:
ISO 50001:2018

This certificate is valid for the following scope:
Energy management in the manufacture and trade of welding, threaded and press metal pipe fittings and dedicated insulation system; collars and clamping systems for pipes and radiators. Trade of mixing valves and automatic float air vents, products and accessories for heating and plumbing uses in conformity with national/international standards, specifications furnished by the customer and established company specifications. Self-consumption energy production from a photovoltaic system. (Technical Area: Industry light to medium)

ISO 50001:2018 - DNV



Profilo aziendale

Raccorderie Metalliche rappresenta dal 1970 una realtà di assoluto rilievo nel panorama europeo dei produttori di materiale per l'impiantistica nel **settore idrotermosanitario civile e industriale**. Dal 2014 è presente nel **settore navale** come unico operatore sul mercato in grado di offrire contemporaneamente sistemi pressfitting, sistemi di scarico in acciaio, raccorderia a saldare e filettata e sistemi di fissaggio.

Un'azienda formata da **oltre 400 dipendenti** che ogni giorno realizzano la missione di Raccorderie Metalliche.

"Aiutiamo gli installatori a lavorare in modo rapido, sicuro e conveniente, studiando e realizzando ogni giorno soluzioni innovative di prodotto e di processo prestando particolare attenzione all'impiego dei sistemi di raccordi a pressare."

(Pier Luigi CECCARDI,
Fondatore e Presidente di Raccorderie Metalliche)

Presenza nel Mondo

Raccorderie Metalliche dispone di due siti produttivi in Italia, con un totale di oltre 188.000 mq, e 4 filiali commerciali estere (Germania, Francia, Spagna e India) che garantiscono una distribuzione in oltre 60 Paesi nel mondo.

- **InoxPRES S.A. (Barcellona, Spagna):** commercializzazione di tubi e raccordi su tutto il territorio spagnolo e portoghese.
- **RM Pressfitting GmbH (Monaco di Baviera, Germania):** sviluppo commerciale e coordinamento di un team di promoters sul territorio tedesco.
- **Raccorderie Metalliche FRANCE SARL (Lione, Francia):** sviluppo commerciale e coordinamento della struttura di vendita sul territorio francese.
- **RACMET INDIA PVT (Pune, India):** coordinamento delle attività di vendita e potenziamento commerciale sul mercato indiano.

I punti chiave

Il successo di Raccorderie Metalliche è da attribuire ad una pluralità di fattori: conoscenza, qualità, vasto assortimento di gamma ed estrema attenzione al cliente.

- **Costante ricerca e continuo sviluppo di soluzioni innovative** hanno permesso di realizzare il **primo raccordo tee pressfitting** al mondo in acciaio al carbonio privo di saldature.
- **Continui controlli e miglioramenti sulla qualità** hanno consolidato un elevato standard qualitativo.
- **Certificazione dei sistemi di gestione delle proprie attività** nel rispetto dell'ambiente e della sicurezza dei propri collaboratori.
- **Costante disponibilità e tracciabilità** di prodotti presso i nostri magazzini.
- **Tecnici che affiancano e consigliano** i progettisti nel loro lavoro.
- **Trasparenza, correttezza e rispetto reciproco** con i partner permettono di garantire standard elevati di servizio.
- **Continue attività formative e di aggiornamento** per far crescere professionalmente gli installatori.
- **Particolare attenzione al sociale** ritenendo che siano le persone a fare la differenza, quella differenza che permette di evolvere.

Dati di rilievo

Aggiornati a dicembre 2025

Area totale RM	**188.000 mq**
Superficie coperta RM	**64.000 mq**
N° dipendenti	**oltre 400 persone**
Fatturato Italia	**34%**
Fatturato Export	**66%**
Presenza	**in oltre 60 paesi**
N° articoli a catalogo	**6.923**
Materia prima trasformata	**25.500tons/year**
Brevetti	**3**
Certificazioni prodotti	**109**

RM RACCORDERIE METALLICHE

Company profile

Since 1970, Raccorderie Metalliche is a leading manufacturer in the European **civil & industrial plumbing sector** landscape. Since 2014 we are present in the **shipbuilding sector** and the only one in the market being in a position to offer press fitting systems, steel wastewater systems, welding fittings, threaded fittings and fastening systems, at the same time.

Every day, **more than 400 employees** are committed to fulfil Raccorderie Metalliche's mission.

"We constantly offer innovative solutions in terms of both product and process and take the use of press fitting systems into particular consideration; these solutions allow fitters to work rapidly, safely and suitably."

(Pier Luigi CECCARDI,
Founder and President of Raccorderie Metalliche)

Our Presence in the World

Raccorderie Metalliche has two production plants in Italy, extending over an area of more than 188.000 sq. m, as well as 4 branch offices in foreign Countries (Germany, France, Spain and India) ensuring the distribution of our products in more than 60 Countries of the world.

- **InoxPRES S.A. (Barcelona, Spain):** marketing of pipes and fittings in the whole Spanish and portuguese territory.
- **RM Pressfitting GmbH (Munich, Germany):** trade development and coordination of our team of promoters in Germany.
- **Raccorderie Metalliche FRANCE SARL (Lyon, France):** trade development and coordination of our sales structure in France.
- **RACMET INDIA PVT (Pune, India):** coordination of sales activities and commercial development in the Indian market.

Key Points

Raccorderie Metalliche's success is the result of several factors: knowledge, quality, a wide range of products, particular ability to understand customer requirements.

- **Continuous research and development of innovative solutions** allowing us to be the first Company producing a seamless carbon steel **pressfitting Tee.**
- **Continuous quality control and improvement** resulting in a high quality level.
- **Certification of activities managing systems** in conformity with environment and workers' safety regulations.
- **Constant availability and traceability** of products in our warehouses.
- **Technicians collaborating with and giving advice** to the design engineers.
- **Fairness, transparency and mutual respect** between the partners to provide our customers with the best possible service.
- **Constant training and update** in order fitters to continue their professional development.
- **Particular attention to social issues,** because we think that people make the difference, which is the key ingredient for evolution.

Highlights

Updated on December 2025

- **RM total area** — **188.000 sq.m**
- **RM covered area** — **64.000 sq.m**
- **Human resources** — **more than 400 people**
- **Domestic sales** — **34%**
- **Export sales** — **66%**
- **Presence** — **in over 60 countries**
- **Item on catalouge** — **6.923**
- **Processed raw materials** — **25.500tons/year**
- **Patents** — **3**
- **Products Certifications** — **109**

RM RACCORDERIE METALLICHE

Pressare, Innestare, Innovare!



I sistemi di Raccorderie Metalliche **prodotti in Italia** si dividono in:

Sistemi Pressfitting

inoxPRES Acciaio inossidabile AISI 316L – 1.4404
Acciaio inossidabile AISI 304L – 1.4307

steelPRES Acciaio al carbonio E195

MARINEPRES Cupronichel 90/10

AESPRES Rame Cu-DHP 99.9 – CW024A
Bronzo CuSn5Zn5Pb2-C - CC449K

inoxPRES UNIKO Acciaio inossidabile AISI 316L – 1.4404
Acciaio inossidabile AISI 304L – 1.4307

AESPRES UNIKO Rame Cu-DHP 99.9 – CW024A
Ottone CuZn21Si3P – CW724R
Bronzo CuSn5Zn5Pb2-C (CC499K)

I Sistemi Pressfitting di Raccorderie Metalliche sono composti da raccordi, tubazioni* e attrezzature.
Le nostre soluzioni sono progettate per impianti di distribuzione acqua potabile, antincendio, climatizzazione, aria compressa e trasporto fluido in genere.

**PRESSIONE DI ESERCIZIO FINO A PN16.
DISPONIBILITÀ NEI DIAMETRI DA 15 mm A 168 mm.**

Tutti i prodotti seguono un processo di tracciabilità che permette l'identificazione di ogni singolo componente per qualsiasi evenienza.

Sistemi di scarico

DRAIN è un sistema ad innesto composto da tubi e raccordi in acciaio inossidabile AISI 316L per il trasporto di acque di scarico bianche, grigie e nere; la soluzione ideale per la realizzazione reti di scarico sia in gravità che in vuoto.

I sistemi di fissaggio, raccorderia a saldare / filettata, flange

I nostri sistemi di fissaggio, la raccorderia a saldare e filettata, le flange rappresentano il giusto completamento per fornire un'intera gamma di prodotti che soddisfino a 360° l'esigenza per tutti i tipi di impianti.

* Tranne per il sistema AesPRES®

RACCORDERIE METALLICHE

Press, Push, Innovate!

Raccorderie Metalliche Systems **produced in Italy** are divided as follows:

Pressfitting Systems

inoxPRES® Stainless Steel AISI 316L – 1.4404
Stainless Steel AISI 304L – 1.4307

steelPRES® Carbon Steel E195

MARINEPRES® Copper-nickel 90/10

AESPRES® CopperCu-DHP 99.9 – CW024A
Bronze CuSn5Zn5Pb2-C - CC449K

inoxPRES UNIKO® Stainless Steel AISI 316L – 1.4404
Stainless Steel AISI 304L – 1.4307

AESPRES UNIKO® Copper Cu-DHP 99.9 – CW024A
Brass CuZn21Si3P – CW724R
Bronze CuSn5Zn5Pb2-C - CC499K



Raccorderie Metalliche Pressfitting Systems include fittings, piping* and tools. Raccorderie Metalliche Pressfitting Systems are designed for multiple application fields: distribution systems of drinking water, fire protection systems, air conditioning, compressed air, and fluid transport systems in general.

WORKING PRESSURE UP TO PN16.
AVAILABLE FROM 15 mm TO 168 mm.

All products follow a traceability process which allows each and every component to be identified.

Waste Systems

DRAIN is a push-fit system composed of pipes and fittings in AISI 316L stainless steel for the transport of white, grey and black wastewater; the ideal solution for the construction of gravity and vacuum drainage networks.

Fastening, welding / threaded fitting systems, flanges

Our fastening, welding/threaded fitting systems and flanges represent the correct completion of products to provide a full range which meets the 360° requirements for all installations.

* Except for AesPRES® system

RACCORDERIE METALLICHE

Campi di applicazione

Raccorderie Metalliche offre tutte le soluzioni per l'adduzione e lo scarico di acqua ed il trasporto di svariati fluidi.
I sistemi Pressfitting di Raccorderie Metalliche si distinguono per **semplicità, rapidità e sicurezza.**

- La **semplicità** è intrinseca nelle caratteristiche del sistema: taglia, innesta e pinza, nessun patentino, nessuna fiamma.
- La **rapidità** permette di abbattere i tempi di installazione fino al 60% rispetto ai sistemi tradizionali.
- La **sicurezza** è data dall'assenza di rischi d'incendio e dal mantenimento di un ambiente di lavoro pulito ed ordinato, anche in condizioni di spazio ristretto.

Fields of application

Raccorderie Metalliche offers all possible solutions for the supply and drainage of water and for the transport of diverse fluids.
Raccorderie Metalliche Pressfitting systems stand for **simplicity, speed and security.**

- **Simplicity** is inherent in the system's characteristics: cut, insert and press, no flame, no licence needed.
- **Speed of installation** makes it possible to reduce labour time by up to 60% and high safety levels compared to traditional systems.
- **Security** is provided by the absence of fire risks and by maintaining a clean working environment, even in a restricted working space.

Applicazioni Applications	inoxPRES / inoxPRES UNIKO	steelPRES	AES PRES / AES PRES UNIKO	MARINE PRES	DRAIN
	Acciaio inossidabile Stainless Steel	Acciaio al carbonio Carbon Steel	Rame/Bronzo/Ottone Copper/Bronze/Brass	Cupronichel Copper-nickel	Acciaio inossidabile Stainless Steel
Acqua potabile Potable Water	√		√		
Gas metano / GPL Natural Gas / LPG	√		√		
Riscaldamento Heating	√	√	√	√	
Raffrescamento Cooling	√	√	√	√	
Solare termico Solar Thermal	√	√	√	√	
Aria compressa Compressed Air	√	√	√	√	
Antincendio Fire Protection Systems	√		√	√	
Acque di processo Process Water	√			√	√
Scarichi Wastewater				√	√
Nebulizzazione Nebulisation	√				
Silicone free Silicone Free	√				
Vapore Steam	√				

Scopri tutte le nostre applicazioni e i vantaggi dei sistemi a pressare

Discover all our applications and the advantages of pressfitting systems

RACCORDERIE METALLICHE

La nostra RacMet Academy

OUR RACMET ACADEMY

La ***RacMet Academy*** è il risultato dell'importanza che viene data alla crescita professionale e alla formazione di installatori e collaboratori.

Una struttura formata da ampi spazi dotati delle più avanzate e moderne tecnologie per supportare meeting e convention, un laboratorio tecnico che include una ambientazione specifica per ogni applicazione dedicata ai sistemi di raccordi a pressare, una school dedicata alla formazione ed una zona lounge per l'accoglienza degli ospiti e il relax.

Scoprila sul nostro sito!

*The **RacMet Academy** is the result of the importance given to professional growth and the training of installers and employees.*

A structure consisting of large spaces equipped with the most advanced and modern technologies to support meetings and conventions, a technical laboratory with a specific setting for each application dedicated to pressfittings, a school dedicated to training and a lounge area for the reception of guests and relaxation.

Discover it on our website!

UNA STRUTTURA TECNICA SEMPRE PIÙ VICINA AI NOSTRI CLIENTI

A TECHNICAL STRUCTURE CLOSER TO OUR CUSTOMERS

tecnico@racmet.com

RMC

Racmet Maintenance Center

Authorized Partner
novopress

In collaborazione con **NOVOPRESS**, nostro fornitore di attrezzature a pressare, abbiamo creato all'interno di Raccorderie Metalliche un **centro di manutenzione autorizzato** per garantire un *servizio rapido, veloce ed efficiente ai nostri clienti.*

Il *RACMET MAINTENANCE CENTER (RMC)* è il **centro dedicato alla manutenzione e al ripristino di attrezzature, fondamentali per la realizzazione dei sistemi a pressare.**

In co-operation with **NOVOPRESS**, the company supplier of press equipment, the Raccorderie Metalliche set up an **authorized maintenance centre** within the company to guarantee *a fast, rapid and efficient service to any customer.*

The *RACMET MAINTENANCE CENTER (RMC)* is **the centre dedicated to the maintenance and restoration of equipment, essential for the construction of press systems.**

I NOSTRI SERVIZI

- Ritiro attrezzatura
- Check & analisi dell'attrezzatura con personale certificato
- Preventivo in tempi rapidi
- Sostituzione con nuovi pezzi di ricambio originali
- Consegna dell'attrezzatura con conferma della revisione effettuata

OUR SERVICES

- Equipment pickup
- Equipment check & analysis by certified personnel
- Fast quotation
- Replacement with new original spare parts
- Delivery of the equipment with Certification of revision

CONTATTACI
CONTACT US

assistenzarmc@racmet.com



RACCORDERIE METALLICHE

Raccorderie Metalliche
BIM PLUG-IN per AUTODESK® REVIT®

RACCORDERIE METALLICHE BIM PLUG-IN FOR AUTODESK® REVIT®

Modellazione a estrema precisione e contenuti aggiornati, leggeri e compatti con BIM (Building Information Modeling), l'App gratuita di Raccorderie Metalliche!

Per contribuire al processo di progettazione, mettiamo a disposizione tutti i modelli BIM dei nostri sistemi a pressare: oggetti altamente semplificati con tutti i metadati rilevanti ai fini del progetto.

Progetta gli impianti con i nostri sistemi a pressare in modo rapido e semplice!

*Design with great accuracy and work with up-to-date, light and compact **BIM (Building Information Modeling)** content with the free App of Raccorderie Metalliche!*

To contribute to the design process, we provide all BIM models available of our pressing systems: highly simplied objects with all the metadata relevant to the project.

Design piping systems easily and fast!

Anche i progettisti che utilizzano **MagiCAD** in ambiente Revit possono scaricare e utilizzare l'applicativo di Raccorderie Metalliche. I progettisti che utilizzano **StabiCAD** in ambiente Revit possono lavorare con l'App di Raccorderie Metalliche in Revit.
Le versioni Revit supportate per l'App Raccorderie Metalliche Product Line Placer sono il 2022, 2023, 2024, 2025 e 2026.

*Even designers who use **MagiCAD** in a Revit environment can download and use the Raccorderie Metalliche application.*
*Designers using **StabiCAD** in Revit environment can work with the Revit Raccorderie Metalliche App.*
The Revit versions supported for the Product Line Placer in the Raccorderie Metalliche App are 2022, 2023, 2024, 2025 and 2026.

SCARICA L'APP GRATUITA SUL NOSTRO SITO WEB

DOWNLOAD THE FREE APP ON OUR WEBSITE

BIM
Librerie BIM per REVIT - *BIM library for REVIT*

Free Download



RACCORDERIE METALLICHE

Raccorderie Metalliche presenta My RacMet APP

RACCORDERIE METALLICHE PRESENTS MY RACMET APP

BE INNOVATIVE. BE SMART.

My RacMet APP

MY RACMET APP: la APP di Raccorderie Metalliche **creata per accedere al mondo RacMet attraverso un semplice e veloce click!**
Potrai vedere gli ultimi aggiornamenti e news, video e tutorial, sfogliare online il catalogo prodotti e soprattutto accedere a servizi esclusivi come la tracciabilità di prodotti e di tutti i suoi componenti.

My RACMET APP per avere sempre con te tutte le informazioni di cui hai bisogno!

MY RACMET APP**: the app from Raccorderie Metalliche **developed for a quick and easy access to the RacMet world!
You can check the latest updates and news, videos and tutorials, browse the online product catalog, and most importantly, access exclusive services such as the traceability of products and all of their components.

***MY RACMET APP**: having Raccorderie Metalliche always at your fingertips!*

GUARDA IL VIDEO DI PRESENTAZIONE

WATCH THE VIDEO

SCARICA LA NOSTRA RACMET APP

DOWNLOAD OUR RACMET APP

Scarica su App Store

GET IT ON Google Play

Raccorderie Metalliche ha realizzato **il catalogo online per una facile e veloce consultazione dei propri prodotti.** Una modalità semplice per consultare le gamme prodotto online.

*Raccorderie Metalliche designed its **online catalogue for an easy and quick consultation of its products.***
An easy way to browse product ranges online.






304L
MARINE

Sistemi di raccordi a pressare profilo M

PRESS FITTING SYSTEMS M PROFILE

PRESSFITTINGSYSTEME M-PROFIL

SYSTÈME À SERTIR PROFIL M

SISTEMA DE ACCESORIOS PARA PRENSAR PERFIL M

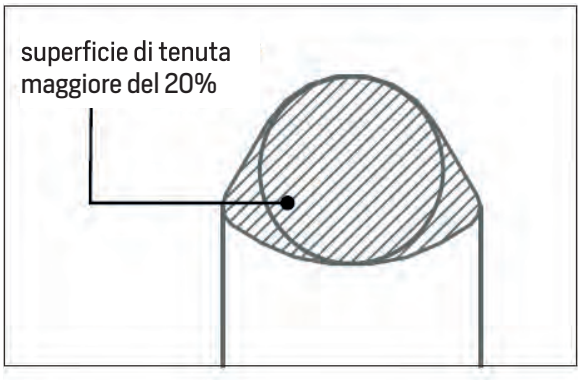
Il sistema pressfitting - profilo M

RACCORDERIE METALLICHE utilizza per i propri prodotti la tecnica di giunzione con profilo "M". Durante la pressatura avviene una deformazione a 2 livelli. Il primo livello di resistenza si realizza in seguito alla deformazione meccanica del raccordo e della tubazione, un collegamento indissolubile che garantisce la resistenza meccanica dello stesso. La tenuta idraulica viene garantita dall'O-Ring deformato nella sua sezione: grazie alla sua elasticità, garantisce l'ermeticità permanente della giunzione.

Il profilo dell'anello di tenuta (O-Ring)

I tradizionali sistemi di raccordi a pressare utilizzano anelli di tenuta (O-Ring) a sezione circolare che in caso di lavorazione non appropriata, sono facilmente soggetti ad essere danneggiati. Raccorderie Metalliche usa un'anello di tenuta brevettato a profilo lenticolare (lenring) che aderisce perfettamente alla camera toroidale. Ne conseguono i seguenti vantaggi:

- Una superficie di tenuta maggiore del 20%;
- Notevole diminuzione del rischio di danneggiamento dell'anello di tenuta;
- Facilita l'inserimento del tubo.



Il materiale impiegato nella realizzazione dei raccordi e dei tubi

I raccordi ed i tubi della linea INOXPRES® sono in acciaio inossidabile AISI 316L. A differenza dei tradizionali sistemi in acciaio AISI316, i prodotti INOXPRES® presentano un minor contenuto di carbonio che conferisce all'acciaio una maggiore resistenza alla corrosione.

Anelli di tenuta - Campi di impiego e caratteristiche tecniche

INDICAZIONI TECNICHE	COLORI	TEMPERATURE D'ESERCIZIO MIN / MAX GRADI CELSIUS	PRESSIONE D'ESERCIZIO MAX IN BAR	OMOLOGAZIONE E NORME	CAMPI D'IMPIEGO	INSERITO IN FABBRICA
EPDM	Nero	-20 / +120 °C	16	KTW W 270 DVGW W 534	Acqua potabile, Riscaldamento Circuiti di raffreddamento, Acque trattate, Acque completamente dissalate, Acqua piovana, Aria compressa (Classe 1 ÷ 4)	sì
HNBR	Giallo	-20 / +70 °C	5	G 260HTB DVGW G 5614	Gas naturale, Gas metano, GPL (fase gassosa), Idrogeno	sì
FKM	Verde	-20 / +220 °C	16	-	Solare, Aria compressa (Classe 5), Acqua salmastra, Olio/Gasolio	sì
STEAM	Bianco	-20 / 165 °C	7 bara / 6 barg	-	Vapore saturo	sì
MVQ	Rosso	-20 / +180 °C	16	-	Applicazioni industriali dopo la verifica da parte di RM	no

Norma di riferimento

EN 10217-7:2014

WERKSTOFF NR.	C ≤ %	SI ≤ %	MN ≤ %	P ≤ %	S ≤ %	N ≤ %	CR %	MO %	NI %
AISI316 / W.1.4401	0,07	1	2	0,05	0,02	0,11	16,5	2	10
X5CrNiMo 17-12-2									
AISI316L / W. 1.4404	0,03						18,5	2,5	13
X2CrNiMo 17-12-2									

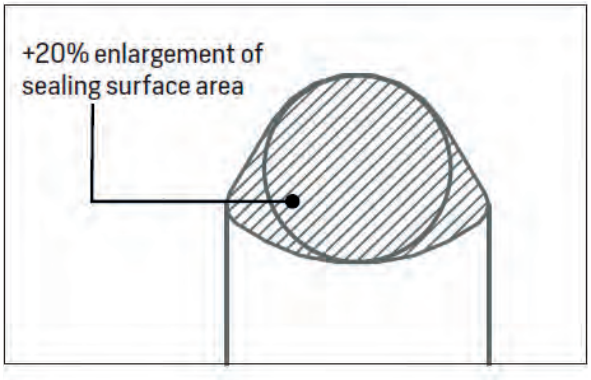
Pressfitting system - M profile

The junction connection of RACCORDERIE METALLICHE press fitting systems is with "M" contour. During the pressing process a deformation takes place on two planes.
The first plane creates a permanent connection and provides mechanical strength through the mechanical deformation of the press fitting and the pipe. On the second plane the seal ring is deformed in its cross section and through its elastic properties creates the permanently tight joint.

Sealing ring profile (O-Ring)

Traditional press fitting systems use round sealing rings, which can easily be damaged by careless fitting. RM on the other hand uses a patented sealing ring with a lenticular profile which fits the press crimp groove. This provides the following advantages:

- A 20% enlargement of the sealing surface area;
- Major reduction of the risk of the sealing ring being pressed out or damaged;
- Fìit makes the pipes insertion easier.



Description of the material used to produce stainless steel pipes and fittings

Pipes and fittings of INOXPRES® are made in stainless steel AISI 316L. Unlike traditional systems made with AISI316, INOXPRES® products present a lower content of carbon that gives a higher resistance to corrosion.

Sealing rings - Fields of applications and technical data

TECHNICAL TERM	COLOUR	OPERATING TEMPERATURE MIN. -/MAX. DEGREES CENTIGRADE	OPERATING PRESSURE MAXIMUM IN BAR	APPROVALS AND CERTIFICATION BASIS	FIELDS OF APPLICATION	FACTORY FITTED
EPDM	black	-20 / +120 °C	16	KTW W 270 DVGW W 534	Potable water, Heating, Cooling and refrigeration circuits, Treated water, Desalinated water, Rain-water, Compressed air (Class 1÷4)	yes
HNBR	yellow	-20 / +70 °C	5	G 260HTB DVGW G 5614	Natural gas, Methane gas, GPL (gaseous state), Hydrogen	yes
FKM	green	-20 / +220 °C	16	-	Solar, Compressed air (Class 5), Salt water, Oil/Diesel fuel	yes
STEAM	white	-20 / 165 °C	7 bara / 6 barg	-	Saturated Steam	yes
MVQ	red	-20 / +180 °C	16	-	Industrial applications following approval by RM	no

Reference norm

EN 10217-7:2014

WERKSTOFF NR.	C ≤ %	SI ≤ %	MN ≤ %	P ≤ %	S ≤ %	N ≤ %	CR %	MO %	NI %
AISI316 / W.1.4401	0,07	1	2	0,05	0,02	0,11	16,5	2	10
X5CrNiMo 17-12-2									
AISI316L / W. 1.4404	0,03						18,5	2,5	13
X2CrNiMo 17-12-2									

Le fasi di installazione - profilo M
Installation process - M profile



Attrezzatura per la preparazione del tubo / Tools for the pipe set-up



Macchine e attrezzature per la pressata / Pressing machines and tools



Taglio del tubo / Cutting the pipe to length



Sbavatura del tubo / Deburring the pipe



Controllo O-ring / Checking the sealing ring



Marcatura della profondità d'innesto / Marking the insertion depth



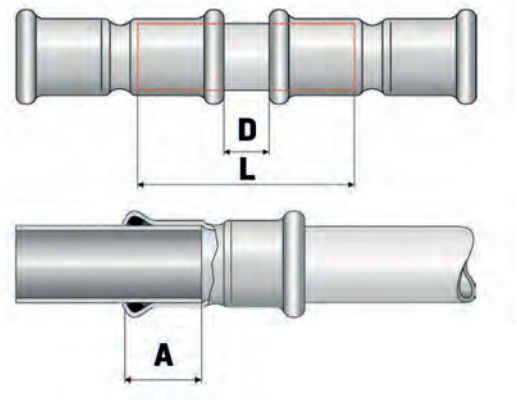
Preparazione della macchina pressatrice / Press machine preparation



Assemblaggio attraverso pressatura / Making the press connection



Controllo della pressatura / Checking the press connection



A = Quota d'innesto
D = Distanza minima
L = Lunghezza minima di tubo

A = insertion depth
D = minimum distance
L = minimum pipe length tubo

Profondità d'innesto e distanze minime

Insertion depth and minimum distances

VIDEO TUTORIAL

Scopri sul nostro canale YouTube, come installare il sistema Pressfitting !

Find out more on our YouTube channel, how to install Pressfitting system !

YouTube RACCORDERIE METALLICHE

Diametro esterno tubi in mm Pipe outside diameter in mm	A mm	D mm	L mm
12	18	20	56
15	20	20	60
18	20	20	60
22	21	20	62
28	23	20	66
35	26	20	72
42	30	40	100
54	35	40	110
76,1	55	60	170
88,9	60	60	180
108	75	60	210
139,7	95	100	290
168,3	113	100	326

RACCORDERIE METALLICHE

FOCUS ON

LA GIUNZIONE OVERSIZE DIAMETRO 139-168 mm

THE OVERSIZE RANGE DIAMETER 139-168 mm

OVERSIZE è una nuova gamma a pressare in acciaio inossidabile AISI 316L disponibile nei diametri 139.7 e 168.3 mm.
Diversamente dai diametri fino al 108 mm, le fasi di pressatura delle dimensioni Oversize 139,7 e 168,3 mm devono essere realizzate attraverso due fasi di pressatura distinte.
Con la catena dedicata si procede secondo le sottostanti fasi di lavoro.

The Oversize is a new pressfitting range, made of AISI 316L stainless steel available in 139 and 168mm diameters.
Unlike diameters up to 108 mm, the pressing phases of the Oversize 139.7 and 168.3 mm dimensions must be carried out in two distinct pressing phases.
Using the dedicated chain, follow the instructions listed below.



1º FASE di PRESSATURA

a) Aprire la catena e posizionarla sul raccordo: la scanalatura della catena deve essere posizionata esattamente sopra la camera toroidale del raccordo.
b) Chiudere la catena e premere il pulsante di blocco.
c) Ruotare il fermo verso l'interno ed innestare il blocco.
d) Effettuare l'operazione di pressatura nº 1.
e) Sganciare e ruotare il fermo, aprire la catena e rimuoverla dal raccordo.

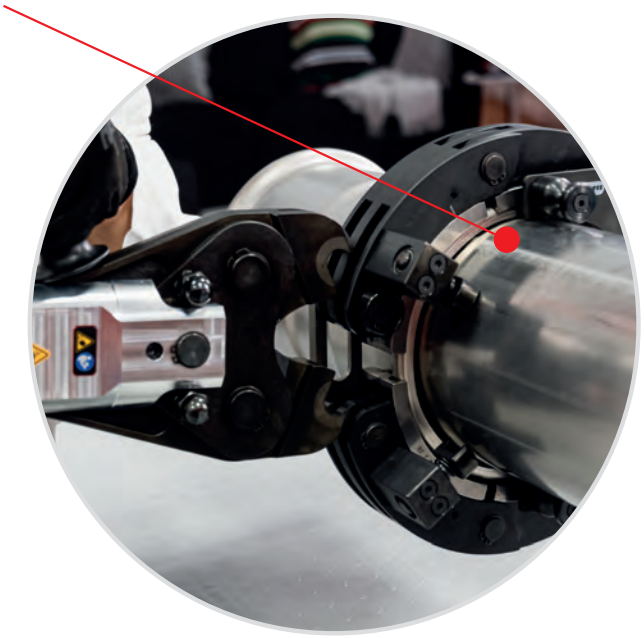
1st PRESSING PHASE

a) Open the chain and place it around the fitting: the groove of the chain must be positioned exactly above the toroidal chamber of the fitting.
b) Close the chain and press the lock button.
c) Rotate the latch inwards and engage the lock.
d) Carry out pressing operation nº 1.
e) Unhook and rotate the latch, open the chain and remove it from the fitting.

Assemblaggio pressatura nº1 / *Press assembly phase 1*



Scanalatura della catena sopra la sede di contenimento dell'o-ring
Chain groove above the o-ring groove



VIDEO TUTORIAL

Scopri sul nostro canale YouTube come installare la nuova gamma Oversize!

Find out more on our YouTube channel, how to install the new Oversize range!



2º FASE di PRESSATURA

a) Posizionare la catena nella zona del "bicchiere", allineandola con le apposite guide sopra la sede di contenimento dell'o-ring.
b) Chiudere la catena e premere il pulsante di blocco.
c) Ruotare il fermo verso l'interno ed innestare il blocco.
d) Effettuare l'operazione di pressatura nº 2.
e) Sganciare e ruotare il fermo, aprire la catena e rimuoverla dal raccordo.

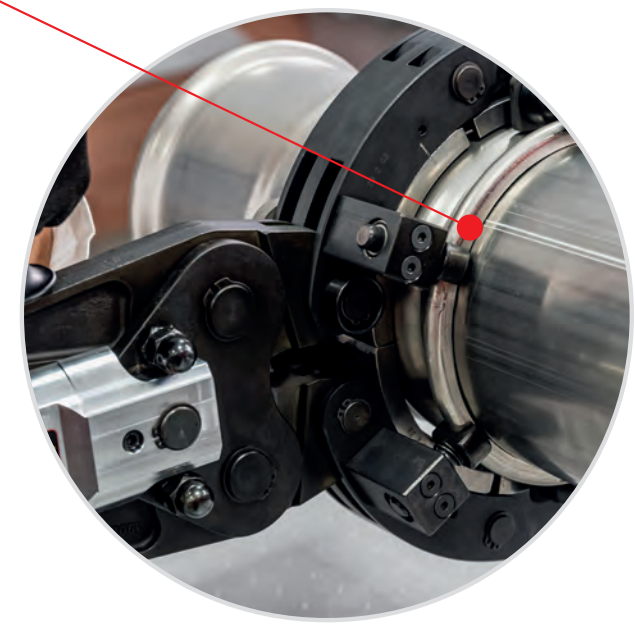
2nd *PRESSING PHASE*

a) Position the chain around the pipe socket, aligning it with the appropriate guides above the containment groove of the o-ring.
b) Close the chain and press the lock button.
c) Rotate the latch inwards and engage the lock.
d) Carry out pressing operation nº 2.
e) Unhook and rotate the latch, open the chain and remove it from the fitting.

Assemblaggio pressatura nº2 / *Press assembly phase 2*



Guide sopra la sede di contenimento dell'o-ring
Guides over the o-ring groove





Controllo visivo pressatura Oversize /
Visual inspection of oversize pressing

Dopo la pressatura occorre verificare che la giunzione sia stata realizzata correttamente e che la profondità d'innesto sia stata rispettata.

After pressing, the connection must be checked to ensure that the work has been carried out correctly and that the insertion depth is correct.

L'installatore deve inoltre assicurarsi che tutte le giunzioni siano effettivamente state pressate.
A pressatura avvenuta, le giunzioni non devono più essere sollecitate meccanicamente.
L'allineamento della tubazione e il fissaggio dei collegamenti filettati devono quindi essere effettuati prima della pressatura.
È comunque consentito muovere e sollevare leggermente la tubazione, ad es. per lavori di verniciatura.

The fitter must also ensure that all connections have been adequately pressed.
Once pressing has been complete, the connections must not be subjected to further mechanical loads.
The alignment of the pipeline and the fixing of the threaded connections must therefore be carried out before pressing.
Slight movement and lifting of pipes, e.g. for painting work, is permitted.

Certificazioni / Certifications

SETTORE CIVILE / CIVIL SECTOR

DVGW	PRODUKTE DER WASSERVERSORGUNG	DW-8511AU2084 (W 534)	Ø 15 – 168 mm
DVGW	EDELSTAHLROHR "INOXPRES" – 1.4404	DV-7301 BM3426 (GW 541)	Ø 15 – 108 mm
DVGW	EDELSTAHLROHR "INOXPRES" – 1.4521	DW-7301 BT0667 (GW 541)	Ø 15 – 54 mm
VdS	ROHRSYSTEM EDELSTAHL "INOXPRES" PRESSFITTINGSYSTEM AUS EDELSTAHL DN 20 BIS DN 80 VERWENDUNG: IN ORTSFESTEN WASSERLÖSCHANLAGEN	G 4060006 (VdS 2344 – VdS 2100)	Ø 22 – 88,9 mm
ÖVGW	TRINKWASSERHAUSINSTALLATIONSSYSTEM = INOXPRES®=	W 1.402 (W 402)	Ø 15 – 108 mm
SVGW	TRINKWASSERVERTEILSYSTEME	0007-4278 (ZW 132-GW514-W534)	Ø 15 – 108 mm
WRAS	INOXPRES RANGE OF STAINLESS STEEL FITTINGS	240404019	Ø 15 – 108 mm
CSTBat QB	SYSTÈMES DE CANALISATIONS DE DISTRIBUTION D'EAU – SYSTÈME INOXPRES	79-2217_V1	Ø 15 – 108 mm
ACS	ATTESTATION DE CONFORMITE SANITAIRE – SYSTÈME INOXPRES	23 ACC LY 357	Ø 15 – 108 mm
ETA DANMARK	PRESFITTINGS TIL RUSTFRI STÅLRØR INOXPRES RUSTFRI STÅLRØR TIL BRUGSVANDSINSTALLATIONER I BYGNING OG JORD INOXPRES	VA 1.22/19224 VA 1.12/18410	Ø 15 – 108 mm
GODKENDT TIL DRIKKEVAND	INOXPRES PIPES INOXPRES FITTINGS	02/00016 03/00224	Ø 15 – 108 mm
	PRESSKOPPLINGAR FÖR ROSTFRIA STÅLRÖR	1174/99	Ø 15 – 108 mm
kiwa	STAINLESS STEEL PRESS FITTING – INOXPRES® – (WATER SUPPLY) STAINLESS STEEL TUBE – INOXPRES® – (WATER SUPPLY)	K40834 K40835	Ø 15 – 108 mm
SINTEF	INOXPRES PRESSFITTINGSSYSTEM I RUSTFRITT STÅL	Nr. 1623	Ø 15 – 108 mm
FM APPROVED	PRESS-FIT PIPE FITTINGS FOR USE IN ABOVEGROUND FIRE PROTECTION SYSTEMS	PR465065	Ø 15 – 108 mm
SABS	STAINLESS STEEL INOXPRES CRIMP FITTINGS (WATER SUPPLY)	TEST REPORT ZH 173	Ø 15 – 108 mm
ÉMI	ROZSDAMENTES ACÉL CSÖVEK ÉS PRÉSIDOMOK INOXPRES	A-42/2017	Ø 15 – 108 mm
ÉMI	INOXPRES ROZSDAMENTES ACÉL PRÉSKÖTÉSŰ CSŐRENDSZER	20-CPR-282-(C-22/2017)	Ø 15 – 108 mm
ÉMI	TUZVEDELMI MEGFELELŐSÉGÉRŐL	TMI - 3/2025	Ø 15 – 168 mm
	LACZNIKI ZAPRASOWYWANE ZE STALI SYSTEMU INOXPRES I STEELPRES DO LACZENIA RUR ZE STALI	ITB-KOT-2019/1222	Ø 15 – 108 mm
	RURY I ŁĄCZNIKI ZAPRASOWYWANE INOXPRES DN20 ÷ DN100 DO STAŁYCH URZĄDZEŃ GAŚNICZYCH WODNYCH	ITB-KOT-2020/1502	Ø 22 – 108 mm
PZH PIB	SYSTEM ZACISKOWY INOXPRES: RURY I ZŁĄCZKI ZACISKOWE	B.BK.60110.1527.2022	Ø 15 – 108 mm
	SYSTÉM TRUBEK A LISOVACÍCH TVAROVEK Z NEREZOVÉ OCELI	202/C5/2022/B-00659-22	Ø 15 – 108 mm
ICIM	RACCORDI A PRESSARE IN ACCIAIO INOSSIDABILE / STAINLESS STEEL PRESSFITTINGS PRODOTTI E COMPONENTI UTILIZZATI A CONTATTO CON ACQUA POTABILE PRODUCT AND ELEMENTS IN CONTACT WITH DRINKING WATER	ICIM-CAP-009671-03	Ø 15 – 168,3 mm
	WATER SUPPLY – METALLIC FITTINGS AND END CONNECTORS; STAINLESS STEEL PIPES AND TUBE FOR PRESSURE APLLICATIONS	WMK25928 WMK25929	Ø 15 – 108 mm

Certificazioni / Certifications

SETTORE CIVILE / CIVIL SECTOR

FORMSTÜCKE AUS METALLISCHEN WERKSTOFFEN	R-15.2.3-21-17203	Ø 15 – 168 mm
ROHRE AUS METALLISCHEN WERKSTOFFEN	R-15.2.3-21-17202	Ø 15 – 168 mm
SYSTÈME DE RACCORDS ET CONDUITES EN ACIER INOXYDABLE POUR LA DISTRIBUTION D'EAU SANITAIRE, DE CHAUFFAGE ET DE REFROIDISSEMENT	ATG 3346	Ø 15 – 108 mm

Certificazioni / Certifications

SETTORE NAVALE / SHIPYARD SECTOR

MECHANICAL JOINTS COMPRESSION COUPLINGS PRESSTYPE	38058/C1 BV	Ø 15 – 108 mm
TUBE FITTINGS – INOXPRES	TAP000017J	Ø 15 – 108 mm
PIPE, DUCT, TRUNK – INOXPRES	MEDB00007F0	Ø 15 – 108 mm
PRESS FIT SYSTEM OF COMPRESSION TYPE FOR PIPING SYSTEMS	LR 231904 01 TA	Ø 15 – 108 mm
INOXPRES, PIPING SYSTEM AND FITTING	MIL46378-PE002	Ø 15 – 108 mm
GIUNTI MECCANICI PER TUBOLATURE – INOXPRES MECHANICAL JOINTS FOR PIPES – INOXPRES	MAC 398323CS/002	Ø 15 – 108 mm
INOXPRES, PIPING SYSTEM AND FITTING	24-0113277-PDA	Ø 15 – 108 mm
INOXPRES, MECHANICAL JOINTS	ML 24PTB00011	Ø 15 – 108 mm

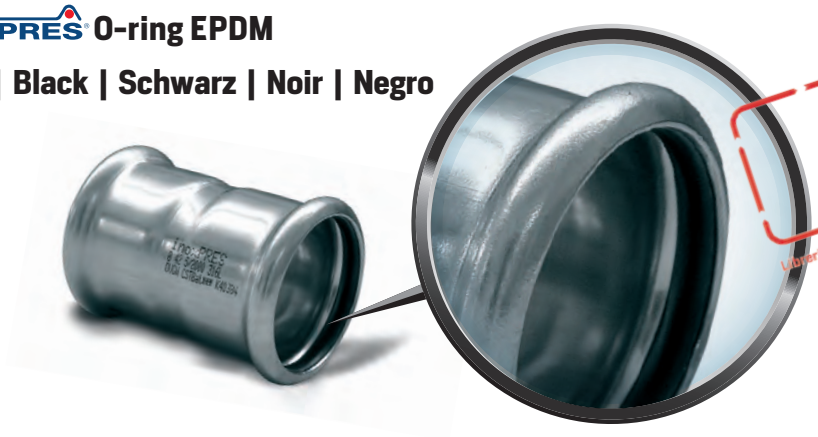
Campi di applicazione / Fields of application

inoxPRES®

- Acqua potabile / Potable water
- Riscaldamento / Heating
- Raffrescamento / Cooling
- Olio / gasolio / Oil / diesel fuel / FKM O-Ring
- Acque di processo / Process water
- Aria compressa / Compressed air
- Antincendio / Fire protection systems

inoxPRES O-ring EPDM

Nero | Black | Schwarz | Noir | Negro



BIM
Librerie BIM per REVIT - BIM library for REVIT

SCOPRI LA GAMMA inoxPRES
DISCOVER THE RANGE

Un marchio di qualità per i materiali a contatto con l'acqua potabile

A QUALITY BRAND FOR MATERIALS COMING IN CONTACT WITH DRINKING WATER

ICIM attesta che gli oggetti prodotti e/o commercializzati dall'Organizzazione **Raccorderie Metalliche S.p.A.**:

- **Tubi e raccordi a pressare in acciaio inox (inoxPRES - inoxPRES UNIKO);**
- **Tubi e raccordi a pressare in rame e bronzo (aesPRES - aesPRES UNIKO);**
- **Tubi e raccordi a pressare in cupronickel (marinePRES);**
- **Raccordi a pressare in acciaio inox;**

sono idonei al contatto con acqua potabile destinata al consumo umano.
(riferimento D.M. n.174 del 6 aprile 2004)

ICIM certifies that the products manufactured and/or marked by **Raccorderie Metalliche S.p.A.**:

- **Stainless steel pipes and pressfittings (inoxPRES - inoxPRES UNIKO);**
- **Copper and bronze pipes and pressfittings (aesPRES - aesPRES UNIKO);**
- **Copper/nickel pipes and pressfittings (marinePRES);**
- **Welding fittings in stainless steel;**

are suitable for contact with drinking water intended for human consumption.
(Re: Ministerial Decree n.174 dated 6 April 2004)





I prezzi dei tubi sono validi fino a nuova comunicazione.
Pipe prices are valid until new update.
Die Rohrpreise gelten bis auf weiteres .
Les prix des tubes sont valables jusqu'à nouvelle communication.
Los precios de las tuberías son válidos hasta nueva comunicación.

116/200 6 m

≤54 B 30 31
76÷108 B 30 32

TUBO IN ACCIAIO INOSSIDABILE

- STAINLESS STEEL PIPE
- EDELSTAHL ROHR
- TUBE EN ACIER INOXYDABLE
- TUBO DE ACERO INOXIDABLE

NORM: EN 10217-7 (DIN 17455) - EN 10312

Mat. Nr.: 1.4404 (AISI 316L) L=6 m
Crudo - Not annealed - Ungeglüht - Non-hypertrempé - Crudo

CODE	Dimensions mm x mm	Ø int mm	L m	kg/m	Volume l/m	Minimum package m	Bundle m	€/m
116015200	15 x 1,0	13	6	0,351	0,133	60	1014	**18,33**
116018200	18 x 1,0	16	6	0,426	0,201	60	1014	**20,84**
116022200	22 x 1,2	19,6	6	0,625	0,302	60	762	**29,05**
116028200	28 x 1,2	25,6	6	0,805	0,514	30	546	**36,65**
116035200	35 x 1,5	32	6	1,258	0,804	30	546	**55,38**
116042200	42 x 1,5	39	6	1,521	1,194	30	366	**66,16**
116054200	54 x 1,5	51	6	1,972	2,042	30	366	**84,98**
116076200	76,1 x 2,0	72,1	6	3,711	4,080	6	114	**152,61**
116088200	88,9 x 2,0	84,9	6	4,352	5,660	6	114	**176,66**
116108200	108 x 2,0	104	6	5,308	8,490	6	114	**217,30**



I prezzi dei tubi sono validi fino a nuova comunicazione.
Pipe prices are valid until new update.
Die Rohrpreise gelten bis auf weiteres .
Les prix des tubes sont valables jusqu'à nouvelle communication.
Los precios de las tuberías son válidos hasta nueva comunicación.

116/Oversize 6 m

B 30 36

TUBO IN ACCIAIO INOSSIDABILE

- STAINLESS STEEL PIPE
- EDELSTAHL ROHR
- TUBE EN ACIER INOXYDABLE
- TUBO DE ACERO INOXIDABLE

NORM: EN 10217-7 (DIN 17455) - EN 10312

Mat. Nr.: 1.4404 (AISI 316L) L=6 m
Crudo - Not annealed - Ungeglüht - Non-hypertrempé - Crudo

CODE	Dimensions mm x mm	Ø int mm	L m	kg/m	Volume l/m	Minimum package m	Bundle m	€/m
116139200*	139,7 x 2,0	135,7	6	6,896	14,460	6	60	**345,91**
116168200*	168,3 x 2,0	164,3	6	8,328	21,200	6	54	**379,55**
116139260	139,7 x 2,6	134,5	6	8,926	14,208	6	60	**614,51**
116168260	168,3 x 2,6	163,1	6	10,788	20,893	6	54	**716,89**

(*): non certificato DVGW – not certified DVGW – keine Zertifizierung DVGW – pas certifié DVGW – DVGW no certificado



I prezzi dei tubi sono validi fino a nuova comunicazione.
Pipe prices are valid until new update.
Die Rohrpreise gelten bis auf weiteres .
Les prix des tubes sont valables jusqu'à nouvelle communication.
Los precios de las tuberías son válidos hasta nueva comunicación.

116/203 3 m

≤54 B 30 31
76÷108 B 30 32

TUBO IN ACCIAIO INOSSIDABILE

- STAINLESS STEEL PIPE
- EDELSTAHL ROHR
- TUBE EN ACIER INOXYDABLE
- TUBO DE ACERO INOXIDABLE

NORM: EN 10217-7 (DIN 17455) - EN 10312

Mat. Nr.: 1.4404 (AISI 316L) L=3 m
Crudo - Not annealed - Ungeglüht - Non-hypertrempé - Crudo

CODE	Dimensions mm x mm	Ø int mm	L m	kg/m	Volume l/m	Minimum package m	€/m
116015203	15 x 1,0	13	3	0,351	0,133	60	19,25
116018203	18 x 1,0	16	3	0,426	0,201	60	21,91
116022203	22 x 1,2	19,6	3	0,625	0,302	36	30,50
116028203	28 x 1,2	25,6	3	0,805	0,514	30	38,48
116035203	35 x 1,5	32	3	1,258	0,804	18	58,12
116042203	42 x 1,5	39	3	1,521	1,194	12	69,51
116054203	54 x 1,5	51	3	1,972	2,042	12	89,25
116076203	76,1 x 2,0	72,1	3	3,711	4,080	6	160,18
116088203	88,9 x 2,0	84,9	3	4,352	5,660	6	185,49
116108203	108 x 2,0	104	3	5,308	8,490	6	228,19



I prezzi dei tubi sono validi fino a nuova comunicazione.
Pipe prices are valid until new update.
Die Rohrpreise gelten bis auf weiteres .
Les prix des tubes sont valables jusqu'à nouvelle communication.
Los precios de las tuberías son válidos hasta nueva comunicación.

116/300 6 m

≤54 B 30 31
76÷108 B 30 32

TUBO IN ACCIAIO INOSSIDABILE

- STAINLESS STEEL PIPE
- EDELSTAHL ROHR
- TUBE EN ACIER INOXYDABLE
- TUBO DE ACERO INOXIDABLE

NORM: EN 10217-7 (DIN 17455) - EN 10312

Mat. Nr.: 1.4404 (AISI 316L) L=6 m
Ricotto - Annealed - Geglüht - Hypertrempé - Recocido

CODE	Dimensions mm x mm	Ø int mm	L m	kg/m	Volume l/m	Minimum package m	Bundle m	€/m
116015300	15 x 1,0	13	6	0,351	0,133	60	1014	27,96
116018300	18 x 1,0	16	6	0,426	0,201	60	1014	30,04
116022300	22 x 1,2	19,6	6	0,625	0,302	60	762	40,31
116028300	28 x 1,2	25,6	6	0,805	0,514	30	546	49,45
116035300	35 x 1,5	32	6	1,258	0,804	30	546	72,87
116042300	42 x 1,5	39	6	1,521	1,194	30	366	87,38
116054300	54 x 1,5	51	6	1,972	2,042	30	366	110,80
116076300	76,1 x 2,0	72,1	6	3,711	4,080	6	114	184,81
116088300	88,9 x 2,0	84,9	6	4,352	5,660	6	114	216,87
116108300	108 x 2,0	104	6	5,308	8,490	6	114	266,16

B 30 33



I prezzi dei tubi sono validi fino a nuova comunicazione.
Pipe prices are valid until new update.
Die Rohrpreise gelten bis auf weiteres .
Les prix des tubes sont valables jusqu'à nouvelle communication.
Los precios de las tuberías son válidos hasta nueva comunicación.

116/030 6 m

TUBO IN ACCIAIO INOSSIDABILE

- STAINLESS STEEL PIPE
- EDELSTAHL ROHR
- TUBE EN ACIER INOXYDABLE
- TUBO DE ACERO INOXIDABLE

NORM: EN 10217-7 (DIN 17455) - EN 10312

Mat. Nr.: 1.4521 (AISI 444) L=6 m
Ricotto - Annealed - Geglüht - Hypertrempé - Recocido

CODE	Dimensions mm x mm	Ø int mm	L m	kg/m	Volume l/m	Minimum package m	Bundle m	€/m
116015030	15 x 1,0	13	6	0,351	0,133	60	1014	**11,85**
116018030	18 x 1,0	16	6	0,426	0,201	60	1014	**13,63**
116022030	22 x 1,2	19,6	6	0,625	0,302	60	762	**19,65**
116028030	28 x 1,2	25,6	6	0,805	0,514	30	546	**25,27**
116035030	35 x 1,5	32	6	1,258	0,804	30	546	**38,14**
116042030	42 x 1,5	39	6	1,521	1,194	30	366	**46,33**
116054030	54 x 1,5	51	6	1,972	2,042	30	366	**59,42**

NOTA / NOTE

Per le specifiche certificazioni delle tubazioni in ogni singolo paese, vedere sito web raccorderiemetalliche.com

For pipes certification's details of each country, please check our website raccorderiemetalliche.com

Die für jedes einzelne Land spezifischen Zertifizierungen der Rohre finden Sie auf die Website raccorderiemetalliche.com

Pour toute certification de tubes dans chaque pays, voir le site internet raccorderiermetalliche.com

Para conocer las certificaciones específicas de las tuberías en cada país, consulte el sitio web raccorderiemetalliche.com

inoxPRES®



I prezzi dei tubi sono validi fino a nuova comunicazione.
Pipe prices are valid until new update.
Die Rohrpreise gelten bis auf weiteres .
Les prix des tubes sont valables jusqu'à nouvelle communication.
Los precios de las tuberías son válidos hasta nueva comunicación.

114/200 6 m

≤54 B 30 34
76÷108 B 30 35

TUBO IN ACCIAIO INOSSIDABILE

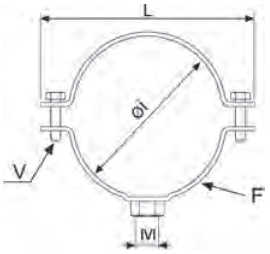
- STAINLESS STEEL PIPE
- EDELSTAHL ROHR
- TUBE EN ACIER INOXYDABLE
- TUBO DE ACERO INOXIDABLE

NORM: EN 10217-7 (DIN 17455) - EN 10312
NOTE: Paese Italia - conforme al DM 174 per veicolazione acqua potabile;
Italy country - according to DM 174 for drinking water transport;

Mat. Nr.: 1.4307 (AISI 304L) L=6 m
Crudo - Not annealed - Ungeglüht - Non-hypertrempé - Crudo

CODE	Dimensions mm x mm	⌀ int mm	L m	kg/m	Volume l/m	Minimum package m	Bundle m	€/m
114015200	15 x 1,0	13	6	0,351	0,133	60	1014	**11,86**
114018200	18 x 1,0	16	6	0,426	0,201	60	1014	**13,98**
114022200	22 x 1,2	19,6	6	0,625	0,302	60	762	**19,72**
114028200	28 x 1,2	25,6	6	0,805	0,514	30	546	**25,38**
114035200	35 x 1,5	32	6	1,258	0,804	30	546	**38,31**
114042200	42 x 1,5	39	6	1,521	1,194	30	366	**47,14**
114054200	54 x 1,5	51	6	1,972	2,042	30	366	**62,42**
114076200	76,1 x 2,0	72,1	6	3,711	4,080	6	114	**117,94**
114088200	88,9 x 2,0	84,9	6	4,352	5,660	6	114	**124,31**
114108200	108 x 2,0	104	6	5,308	8,490	6	114	**134,26**

A 50 50





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COLLARE PER TUBO INOXPRES

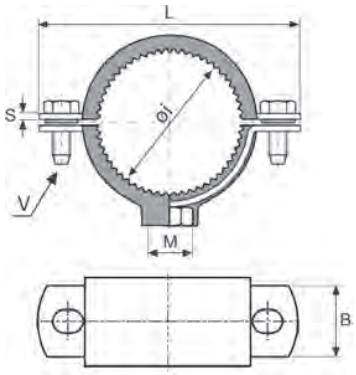
- CLAMP FOR INOXPRES PIPE
- ROHRSCHELLE FÜR INOXPRES ROHR
- COLLIER POUR TUBE INOXPRES
- ABRAZADERA PARA TUBO INOXPRES

MATERIAL: AISI 304 - 1.4301
NOTE: dado saldato con puntatura elettrica
spot welded nut

CODE	DN mm	M	F Lg x Sp mm	V mm	L mm	g			€
156015304	15	M 8	20 x 2,5	M 6 x 20	48	52	1	50*	5,99
156308304	18	M 8	20 x 2,5	M 6 x 20	53,5	58	1	50*	5,99
156102304	22	M 8	20 x 2,5	M 6 x 20	58	62	1	50*	5,77
156304304	28	M 8	20 x 2,5	M 6 x 20	63,5	68	1	50*	5,97
156100304	35	M 8	20 x 2,5	M 6 x 20	70	76	1	50*	6,68
156114304	42	M 8	20 x 2,5	M 6 x 20	79	88	1	50*	7,40
156054304	54	M 8	20 x 2,5	M 6 x 25	94	102	1	50*	8,70
156212304	76,1	M 10	30 x 2,5	M 6 x 25	115	200	1	20*	15,23
156300304	88,9	M 10	30 x 2,5	M 6 x 25	128	221	1	20*	16,61
156108304	108	M 10	30 x 2,5	M 6 x 25	149	252	1	20*	19,25

(*) unità minima di vendita / minimum selling quantity

A 50 50





Conforme a
Conform to
Entsprechend
Correspondant
Conforme a la
DIN 4109

156/G

COLLARE GOMMA PER TUBO INOXPRES

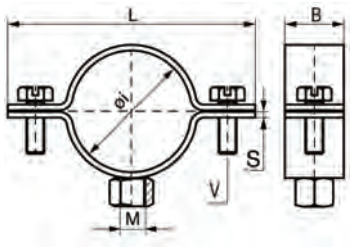
- CLAMP WITH RUBBER FOR INOXPRES PIPE
- ROHRSCHELLE MIT GUMMIEINLAGE FÜR INOXPRES ROHR
- COLLIER DE FIXATION GARNITURE ISOPHONIQUE POUR TUBE INOXPRES
- ABRAZADERA ISOFÓNICA PARA TUBO INOXPRES

MATERIAL: AISI 304 - 1.4301
VULCANIZED RUBBER: EPDM (-20° C/+120° C) durezza/hardness 55 Shore
NOTE: dado saldato con puntatura elettrica
spot welded nut

CODE	DN mm	M	V mm	B mm	S mm	L mm	g			€
156150304G	15	M 8	M 6 x 20	20	2,5	58	72	1	50*	12,18
156308304G	18	M 8	M 6 x 20	20	2,5	58	76	1	50*	12,18
156102304G	22	M 8	M 6 x 20	20	2,5	63,5	86	1	50*	12,42
156304304G	28	M 8	M 6 x 20	20	2,5	70	94	1	50*	12,91
156100304G	35	M 8	M 6 x 20	20	2,5	79	112	1	50*	13,68
156114304G	42	M 8	M 6 x 20	20	2,5	85	120	1	50*	15,94
156112304G	54	M 8	M 6 x 25	20	2,5	97	142	1	50*	17,38
156212304G	76,1	M 10	M 6 x 25	30	2,5	128	308	1	10*	26,40
156300304G	88,9	M 10	M 6 x 25	30	2,5	148	346	1	10*	28,61
156108316G **	108	M 8 / 10	M 6 x 25	20	2	168	200	1	10*	23,95

(*) unità minima di vendita / minimum selling quantity
(**) Gomma staccabile - Detachable rubber - Abnehmbare Gummi - Caoutchouc amovible - Goma desmontable AISI 316 / 1.4401 (famiglia / family A 50 51)

A 50 51





156/316L

COLLARE FISSAGGIO TUBO - SERIE PESANTE

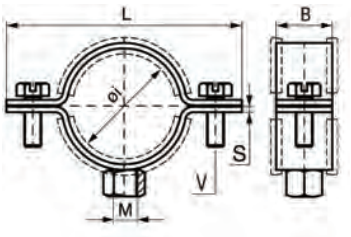
- CLAMP - HEAVY SERIES
- ROHRSCHELLE - SCHWERE SERIE
- COLLIER DE FIXATION - SÉRIE LOURDE
- ABRAZADERA - SERIE PESADA

MATERIAL: AISI 316L - 1.4404
NOTE: dado saldato con puntatura elettrica
spot welded nut

CODE	DN mm	M	V mm	B mm	S mm	L mm	g		€
156500316	139,7	M 10	M 6 x 25	20	2,5	179	210	10*	**26,41**
156600316	168,3	M 10	M 6 x 25	20	2,5	203	240	10*	**27,93**

(*) unità minima di vendita / minimum selling quantity

A 50 51





156/316L G

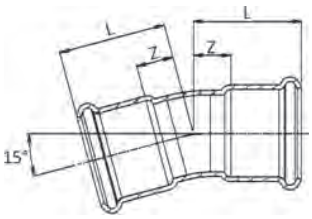
COLLARE CON GOMMA - SERIE PESANTE

- CLAMP WITH RUBBER - HEAVY SERIES
- ROHRSCHELLE MIT GUMMIEINLAGE - SCHWERE SERIE
- COLLIER DE FIXATION GARNITURE ISOPHONIQUE - SÉRIE LOURDE
- ABRAZADERA ISOFÓNICA - SERIE PESADA

MATERIAL: AISI 316L - 1.4404
VULCANIZED RUBBER: EPDM (-20° C/+120° C) durezza/hardness 55 Shore
NOTE: dado saldato con puntatura elettrica
spot welded nut

CODE	DN mm	M	V mm	B mm	S mm	L mm	g		€
1565003166	139,7	M 10	M 6 x 25	20	2,5	179	250	10*	**29,65**
1566003166	168,3	M 10	M 8 x 35	25	2,5	233	470	10*	**32,50**

(*) unità minima di vendita / minimum selling quantity





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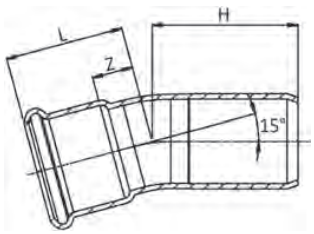
≤54 B 10 11
76÷108 B 10 12

CURVA 15° FF

- 15° ELBOW FF
- BOGEN 15° II
- COUDE FF 15°
- CURVA 15° HH

MATERIAL: AISI 316L – 1.4404
O-RING: EPDM nero - black - Schwarz - noir - negro

CODE	De mm	L mm	Z mm	g			€
181015150	15	30	10	50	20	300	**18,13**
181018150	18	32	12	52	20	300	**20,06**
181022150	22	33	12	82	20	100	**23,28**
181028150	28	36	13	112	10	100	**28,04**
181035150	35	37	11	123	10	60	**33,56**
181042150	42	42	12	175	4	40	**48,44**
181054150	54	49	12	268	2	20	**62,21**
181076150C	76,1	87,5	32,5	777	2	2	**232,01**
181088150C	88,9	100,5	40,5	1032	2	2	**276,45**
181108150C	108	109,5	34,5	1412	2	2	**376,93**





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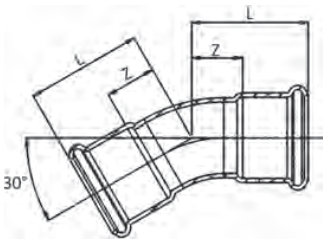
≤54 B 10 11
76÷108 B 10 12

CURVA 15° MF

- 15° ELBOW MF
- BOGEN 15° IA
- COUDE MF 15°
- CURVA 15° HM

MATERIAL: AISI 316L – 1.4404
O-RING: EPDM nero - black - Schwarz - noir - negro

CODE	De mm	L mm	H mm	Z mm	g			€
181015151	15	30	40	10	50	20	300	**18,13**
181022151	22	33	41	12	82	20	100	**21,97**
181028151	28	36	43	13	112	10	100	**26,14**
181035151	35	37	41	11	133	10	60	**33,45**
181042151	42	42	55,5	12	165	4	40	**46,65**
181054151	54	49	55	13	293	2	20	**59,82**
181076151C	76,1	87,5	95,5	32,5	743	2	2	**212,88**
181088151C	88,9	100,5	108,5	40,5	988	2	2	**254,12**
181108151C	108	109,5	118	34,5	1332	2	2	**347,04**





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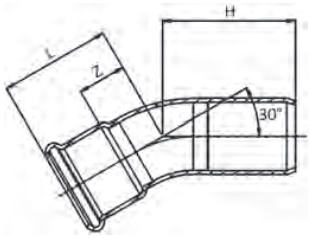
≤54 B 10 11
76÷108 B 10 12

CURVA 30° FF

- 30° ELBOW FF
- BOGEN 30° II
- COUDE FF 30°
- CURVA 30° HH

MATERIAL: AISI 316L – 1.4404
O-RING: EPDM nero - black - Schwarz - noir - negro

CODE	De mm	L mm	Z mm	g			€
181015300	15	33	13	50	20	300	18,13
181018300	18	32	12	52	20	300	20,06
181022300	22	37	16	82	20	100	23,28
181028300	28	41	18	112	10	100	28,04
181035300	35	37	11	123	10	60	33,56
181042300	42	44	14	175	4	40	48,44
181054300	54	52	17	268	2	20	62,21
181076300	76,1	100	45	900	2	2	232,01
181088300	88,9	115	64	1250	2	2	276,45
181108300	108	127	68	1700	2	2	376,93





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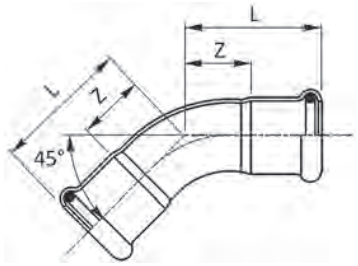
≤54 B 10 11
76÷108 B 10 12

CURVA 30° MF

- 30° ELBOW MF
- BOGEN 30° IA
- COUDE MF 30°
- CURVA 30° HM

MATERIAL: AISI 316L – 1.4404
O-RING: EPDM nero - black - Schwarz - noir - negro

CODE	De mm	L mm	H mm	Z mm	g			€
181015301	15	33	43	13	50	20	300	18,13
181022301	22	37	46	16	82	20	100	21,97
181028301	28	41	48	18	112	10	100	26,14
181035301	35	37	46	11	133	10	60	31,26
181042301	42	44	54	14	195	4	40	46,65
181054301	54	52	63	17	293	2	20	59,82
181076301	76,1	100	108	45	900	2	2	212,88
181088301	88,9	115	123	64	1250	2	2	254,12
181108301	108	127	136	68	1700	2	2	347,04





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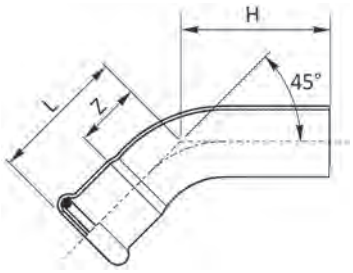
CURVA 45° FF

- 45° ELBOW FF
- BOGEN 45° II
- COUDE FF 45°
- CURVA 45° HH

MATERIAL: AISI 316L – 1.4404
O-RING: EPDM nero - black - Schwarz - noir - negro

≤54 B 10 11
76÷108 B 10 12
≥139 B 10 17

CODE	De mm	Radius	L mm	Z mm	g			€
181015450C	15	1,2 De	27,5	7,5	39	20	400	14,92
181018450C	18	1,2 De	29,5	9,5	48	20	300	16,51
181022450C	22	1,2 De	32	11	63	20	200	19,17
181028450C	28	1,2 De	37	14	90	10	100	23,07
181035450	35	1,2 De	43	17	127	10	60	27,30
181042450	42	1,2 De	51	21	177	4	40	44,16
181054450	54	1,2 De	62	30	273	2	20	56,70
181076450	76,1	1,2 De	131,5	76,5	900	2	2	189,97
181088450	88,9	1,2 De	144	84	1250	2	2	226,36
181108450	108	1,2 De	169	94	1700	2	2	308,66
181139450	139,7	-	203	108	3052	1	1	673,69
181168450	168,3	-	252	139	4556	1	1	873,52





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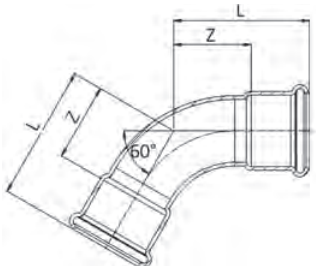
CURVA 45° MF

- 45° ELBOW MF
- BOGEN 45° IA
- COUDE MF 45°
- CURVA 45° HM

MATERIAL: AISI 316L – 1.4404
O-RING: EPDM nero - black - Schwarz - noir - negro

≤54 B 10 11
76÷108 B 10 12
≥139 B 10 17

CODE	De mm	Radius	L mm	H mm	Z mm	g			€
181015451C	15	1,2 De	27,5	36	7,5	38	20	400	14,92
181018451C	18	1,2 De	29,5	38	9,5	47	20	300	15,99
181022451C	22	1,2 De	32	42	11	63	20	200	18,09
181028451C	28	1,2 De	37	46	14	90	10	100	21,54
181035451	35	1,2 De	43	57,5	17	132	10	60	25,40
181042451	42	1,2 De	51	72	21	196	4	40	42,52
181054451	54	1,2 De	62	82	26	296	2	20	54,51
181076451	76,1	1,2 De	131,5	149	76,5	900	2	2	174,31
181088451	88,9	1,2 De	144	159	84	1250	2	2	208,08
181108451	108	1,2 De	169	199	94	1700	2	2	284,20
181139451	139,7	-	203	210	108	2947	1	1	673,69
181168451	168,3	-	252	261	139	4346	1	1	873,52





181/600

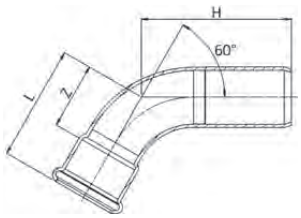
≤54 B 10 11
76÷108 B 10 12

CURVA 60° FF

- 60° ELBOW FF
- BOGEN 60° II
- COUDE FF 60°
- CURVA 60° HH

MATERIAL: AISI 316L – 1.4404
O-RING: EPDM nero - black - Schwarz - noir - negro

CODE	De mm	L mm	Z mm	g			€
181015600	15	30,5	10,5	41	20	300	**18,13**
181018600	18	32	12	50	20	300	**20,06**
181022600	22	36	15	68	20	100	**23,28**
181028600	28	42	19	98	10	100	**28,04**
181035600	35	50	24	141	10	60	**33,56**
181042600	42	59	29	204	4	40	**48,44**
181054600	54	72,5	37	313	2	20	**62,21**
181076600	76,1	146,5	91,5	1178	2	2	**232,01**
181088600	88,9	162	102	1517	2	2	**276,45**
181108600	108	190	115	2194	2	2	**376,93**





181/601

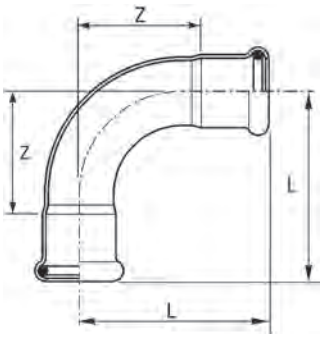
≤54 B 10 11
76÷108 B 10 12

CURVA 60° MF

- 60° ELBOW MF
- BOGEN 60° IA
- COUDE MF 60°
- CURVA 60° HM

MATERIAL: AISI 316L – 1.4404
O-RING: EPDM nero - black - Schwarz - noir - negro

CODE	De mm	L mm	H mm	Z mm	g			€
181015601	15	30,5	39	10,5	40	20	300	**18,13**
181018601	18	32	41	12	50	20	300	**19,41**
181022601	22	36	46	15	68	20	100	**21,97**
181028601	28	42	51	19	98	10	100	**26,14**
181035601	35	50	64	24	149	10	60	**31,26**
181042601	42	59	80	29	220	4	40	**46,65**
181054601	54	72,5	92,5	37	332	2	20	**59,82**
181076601	76,1	146,5	164	91,5	1179	2	2	**212,88**
181088601	88,9	162	177	102	1503	2	2	**254,12**
181108601	108	190	205	115	2148	2	2	**347,04**





181/900

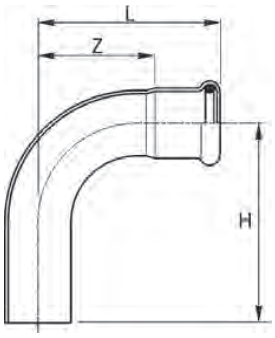
≤54 B 10 11
76÷108 B 10 12
≥139 B 10 17

CURVA 90° FF

- 90° ELBOW FF
- BOGEN 90° II
- COUDE FF 90°
- CURVA 90° HH

MATERIAL: AISI 316L – 1.4404
O-RING: EPDM nero - black - Schwarz - noir - negro

CODE	De mm	Radius	L mm	Z mm	g			€
181015900C	15	1,2 De	38	18	46	20	400	11,38
181018900C	18	1,2 De	41,5	21,5	58	20	300	13,02
181022900C	22	1,2 De	47	26	78	10	150	15,75
181028900C	28	1,2 De	56	33	116	10	100	20,91
181035900	35	1,2 De	68	42	162	5	50	33,95
181042900	42	1,2 De	80	50	231	2	30	58,22
181054900	54	1,2 De	100	64	367	2	18	81,25
181076900	76,1	1,2 De	160	105	1150	2	2	193,26
181088900	88,9	1,2 De	182	122	1580	2	2	235,11
181108900	108	1,2 De	220	145	2250	2	2	320,68
181139900	139,7	-	314	219	4082	1	1	685,10
181168900	168,3	-	386	273	6059	1	1	884,92





181/901

≤54 B 10 11
76÷108 B 10 12
≥139 B 10 17

CURVA 90° MF

- 90° ELBOW MF
- BOGEN 90° IA
- COUDE MF 90°
- CURVA 90° HM
-

MATERIAL: AISI 316L – 1.4404
O-RING: EPDM nero - black - Schwarz - noir - negro

CODE	De mm	Radius	L mm	H mm	Z mm	g			€
181015901C	15	1,2 De	38	48	18	46	20	400	11,96
181018901C	18	1,2 De	41,5	48,5	21,5	56	20	300	13,55
181022901C	22	1,2 De	47	57	26	79	10	150	16,28
181028901C	28	1,2 De	56	64	33	115	10	100	20,38
181035901	35	1,2 De	68	82	42	176	5	50	31,06
181042901	42	1,2 De	80	101	50	253	2	30	56,41
181054901	54	1,2 De	100	120	64	390	2	18	81,73
181076901	76,1	1,2 De	160	180	105	1150	2	2	198,82
181088901	88,9	1,2 De	182	197	122	1580	2	2	241,81
181108901	108	1,2 De	220	236	145	2250	2	2	329,86
181139901	139,7	-	314	322	219	3984	1	1	685,10
181168901	168,3	-	386	395	273	5991	1	1	884,92

OVERSIZE



5”- 6”

Ø139,7

Ø168,3

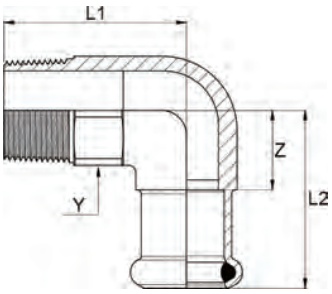
inoxPRES®

AISI 316L Stainless Steel

DVGW

RACCORDERIE METALLICHE

B 10 11





197

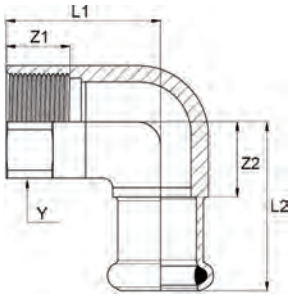
GOMITO MISTO 90° FILETTO M

- ELBOW ADAPTER 90° WITH MALE THREAD
- ÜBERGANGSWINKEL 90° AG
- EQUERRE 90° AVEC FILETAGE M
- CODO MACHO

MATERIAL: AISI 316L – 1.4404
O-RING: EPDM nero - black - Schwarz - noir - negro
THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x R mm x inch	L1 mm	L2 mm	Z mm	Y mm	g			€
197102015	15 x 1/2"	37	36	16	22	87	10	200	**24,11**
197102018	18 x 1/2"	37	36	16	22	93	10	200	**27,60**
197102022	22 x 1/2"	41	37	16	22	106	10	100	**31,57**
197304022	22 x 3/4"	44	43	22	28	164	10	100	**35,35**
197304028	28 x 3/4"	44	45	22	28	195	5	50	**47,17**
197100028	28 x 1"	56	50	27	36	332	5	50	**47,61**
197114035	35 x 1"1/4	63	76,5	50,5	46	476	5	40	**60,49**
197112042	42 x 1"1/2	67,5	80	50	50	533	2	30	**101,78**
197200054	54 x 2"	78,5	91,5	56	65	899	2	20	**129,30**

B 10 11





198

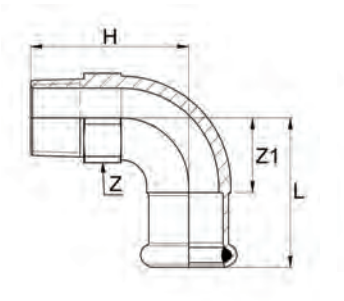
GOMITO MISTO 90° FILETTO M

- ELBOW ADAPTER 90° WITH MALE THREAD
- ÜBERGANGSWINKEL 90° AG
- EQUERRE 90° AVEC FILETAGE M
- CODO MACHO

MATERIAL: AISI 316L – 1.4404
O-RING: EPDM nero - black - Schwarz - noir - negro
THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x Rp mm x inch	L1 mm	L2 mm	Z1 mm	Z2 mm	Y mm	g			€
198102015	15 x 1/2"	33	36	15	16	24	92	10	100	**25,44**
198304015	15 x 3/4"	38	42	19	22	30	139	10	100	**34,12**
198102018	18 x 1/2"	33	36	15	16	24	99	10	100	**29,24**
198102022	22 x 1/2"	33	37	15	16	24	106	10	100	**32,58**
198304022	22 x 3/4"	38	43	19	22	30	154	10	100	**35,67**
198102028	28 x 1/2"	33	39	15	16	24	126	5	50	**34,75**
198100028	28 x 1"	48	50	21	27	38	309	5	50	**46,56**
198114035	35 x 1"1/4	48	76,5	21	50,5	46	379	5	40	**76,76**
198112042	42 x 1"1/2	51	80	21	50	50	390	2	20	**84,28**
198200054	54 x 2"	66	92	26	56	65	749	2	10	**98,43**

B 10 11





186

CURVA FILETTATA 90° FILETTO M

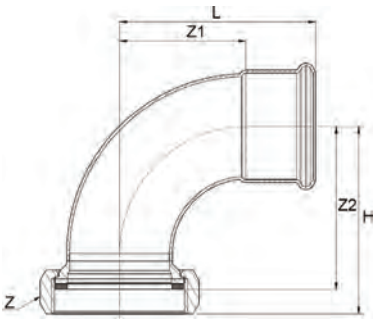
- 90° ELBOW MALE BSP
- BOGEN 90° MIT AG
- COUDE 90° AVEC FILETAGE M
- CODO A 90° MH

MATERIAL: AISI 316L – 1.4404
O-RING: EPDM nero - black - Schwarz - noir - negro
THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x R mm x inch	Radius	L mm	Z mm	Z1 mm	H mm	g			€
186102015C*	15 x 1/2"	1,2 D	36	22	17	39	85	20	200	**36,20**
186102018C*	18 x 1/2"	1,2 D	40	24	20	42	103	20	200	**37,93**
186304022C*	22 x 3/4"	1,2 D	45	28	24	48,5	151	10	100	**44,33**
186100028C*	28 x 1"	1,2 D	53	36	30	62,5	274	10	50	**52,56**
186100035	35 x 1"	1,2 D	68	41	42	85	277	5	50	**62,11**
186114035	35 x 1"1/4	1,2 D	68	46	42	89	324	5	40	**66,54**
186114042	42 x 1"1/4	1,2 D	80	50	50	107	438	2	20	**77,63**
186112042	42 x 1"1/2	1,2 D	80	55	50	107	340	2	20	**78,81**
186200054	54 x 2"	1,2 D	100	65	65	141,5	515	2	12	**93,17**

(*) senza saldatura - seamless - nahtlos - sans soudure - sin soldadura

B 10 11





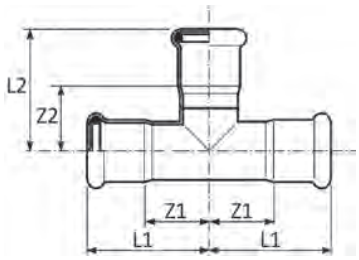
186/R

CURVA 90° CON DADO FOLLE

- 90° ELBOW WITH VALVE CONNECTOR
- BOGEN 90° MIT ANSCHLUSSVERSCHRAUBUNG
- COUDE 90° AVEC ÉCROU LIBRE
- CODO A 90° CON TUERCA LOCA

MATERIAL: AISI 316L – 1.4404
O-RING: EPDM nero - black - Schwarz - noir - negro
GASKET: (*): EPDM nero - black - Schwarz - noir - negro
THREAD: ISO 228/1 (ex DIN 259)

CODE	De x G mm x inch	L mm	H mm	Z mm	Z1 mm	Z2 mm	Gasket mm	g			€
186042134R	42 x 1"3/4	80	77,5	58	50	67,5	50,5x40 thk 2,5	345	1	16	**132,02**
186054238R	54 x 2"3/8	100	96	75	64,5	83,5	65,5x53,5 thk 3	589	1	10	**154,37**





182

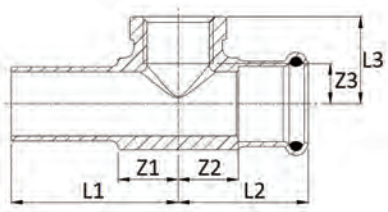
“T”

- EQUAL TEE
- T-STÜCK
- TÉ ÉGAL
- TE IGUAL HHH

MATERIAL: AISI 316L – 1.4404
O-RING: EPDM nero - black - Schwarz - noir - negro

≤54 B 10 11
76÷108 B 10 12
≥139 B 10 17

CODE	De mm	L1 mm	L2 mm	Z1 mm	Z2 mm	g			€
182015000	15	34	39	14	19	67	20	200	20,82
182018000	18	37	41	16	21	80	20	100	23,97
182022000	22	39	45	18	24	106	10	100	25,20
182028000	28	44	50	21	27	145	10	50	30,28
182035000	35	51	57	25	31	201	4	32	37,78
182042000	42	59	65	28	35	260	4	20	53,41
182054000	54	70	77	34	42	404	2	12	63,70
182076000	76,1	108	118	53	63	1275	2	2	362,79
182088000	88,9	132	131	72	71	1535	2	2	397,22
182108000	108	155	160	80	85	2115	2	2	489,59
182139000	139,7	197	222	102	127	4129	1	1	1009,89
182168000	168,3	257	268	144	155	6321	1	1	1269,60





B 10 11

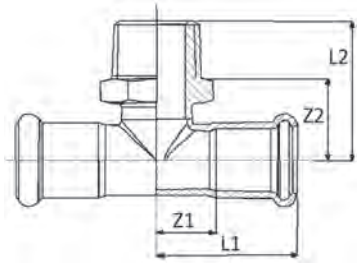
189/MF

“T” CON DERIVAZIONE FILETTO FEMMINA ED ESTREMITÀ MASCHIO

- BRANCH TEE FEMALE BSP OUTLET WITH PLUG-IN END
- T-STÜCK MIT ABGANG IG UND EINSTECKENDE
- TÉ MIXTE AVEC FILETAGE FEMELLE ET EMBOUT MÂLE
- TE HEMBRA ROSCADA CON EXTREMO INSERTABLE

MATERIAL: AISI 316L – 1.4404
O-RING: EPDM nero - black - Schwarz - noir - negro
THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x Rp x De mm x inch x mm	L1 mm	L2 mm	L3 mm	Z1 mm	Z2 mm	Z3 mm	g			€
189102022MF	22 x 1/2” x 22	50	39	26	18	18	12	161	5	50	19,78
189304028MF	28 x 3/4” x 28	58	44	30	21	21	14	227	5	50	24,99





B 10 11

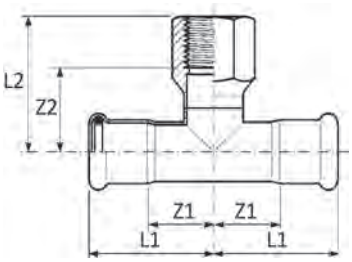
189/M

“T” CON DERIVAZIONE FILETTO M

- BRANCH TEE MALE BSP OUTLET
- T-STUCK MIT ABGANG AG
- TE MIXTE AVEC FILETAGE M
- TE ROSCADO MACHO

MATERIAL: AISI 316L – 1.4404
O-RING: EPDM nero - black - Schwarz - noir - negro
THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x R x De mm x inch x mm	L1 mm	L2 mm	Z1 mm	Z2 mm	g			€
189102015M	15 x 1/2” x 15	34,5	34	14,5	20	80	20	100	33,59





189

≤54 B 10 11
76÷108 B 10 12
≥139 B 10 17

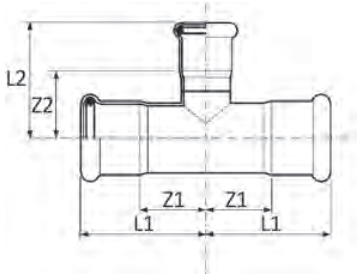
"T" CON DERIVAZIONE FILETTO F

- BRANCH TEE FEMALE BSP OUTLET
- T-STÜCK MIT ABGANG IG
- TÉ MIXTE AVEC FILETAGE F
- TE HEMBRA ROSCADA

MATERIAL: AISI 316L – 1.4404
O-RING: EPDM nero – black – Schwarz – noir – negro
THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x Rp x De mm x inch x mm	L1 mm	L2 mm	Z1 mm	Z2 mm	g			€
189102015*	15 x 1/2" x 15	36,5	22,5	16,5	8,5	117	20	100	**23,04**
189102018*	18 x 1/2" x 18	36	24	16	10	128	20	100	**23,64**
189304018*	18 x 3/4" x 18	38,5	26	18,5	11	147	20	100	**28,80**
189102022*	22 x 1/2" x 22	39	26	18	12	159	10	100	**25,27**
189304022*	22 x 3/4" x 22	41,5	30	20,5	14	184	10	100	**28,83**
189102028*	28 x 1/2" x 28	44	29	21	15	217	10	50	**27,81**
189304028*	28 x 3/4" x 28	44	30	21	14	221	10	50	**33,06**
189100028*	28 x 1" x 28	44	34	21	16	266	5	50	**52,27**
189102035	35 x 1/2" x 35	51	51	25	36	197	5	50	**33,33**
189304035	35 x 3/4" x 35	51	54	25	37	205	5	40	**40,39**
189100035	35 x 1" x 35	51	56	25	37	282	5	40	**64,57**
189102042	42 x 1/2" x 42	59	54	29	39	271	4	32	**41,26**
189304042	42 x 3/4" x 42	59	57	29	41	277	4	32	**45,20**
189100042	42 x 1" x 42	59	60	29	41	346	4	32	**70,73**
189102054	54 x 1/2" x 54	70	61	34	46	377	2	14	**49,86**
189304054	54 x 3/4" x 54	70	64	34	48	391	2	14	**54,05**
189200054	54 x 2" x 54	70	81	34	55	838	2	10	**106,38**
189304076	76,1 x 3/4" x 76,1	108	77	53	60	1040	2	2	**317,51**
189100076	76,1 x 1" x 76,1	108	79	53	60	1063	2	2	**329,22**
189200076	76,1 x 2" x 76,1	108	93	53	67	1495	2	2	**347,24**
189304088	88,9 x 3/4" x 88,9	132	84	72	67	1255	2	2	**342,53**
189200088	88,9 x 2" x 88,9	132	100	72	74	1720	2	2	**360,55**
189304108	108 x 3/4" x 108	155	94	80	77	1700	2	2	**419,83**
189200108	108 x 2" x 108	155	110	80	84	2160	2	2	**445,06**
189100139	139,7 x 1" x 139,7	197	107	102	88	3126	1	1	**844,06**
189200139	139,7 x 2" x 139,7	197	130	102	104	3623	1	1	**870,36**
189100168	168,3 x 1" x 168,3	257	120	144	101	4827	1	1	**1032,30**
189200168	168,3 x 2" x 168,3	257	143	144	117	5325	1	1	**1052,53**

(*) senza saldatura – seamless – nahtlos – sans soudure – sin soldadura





192

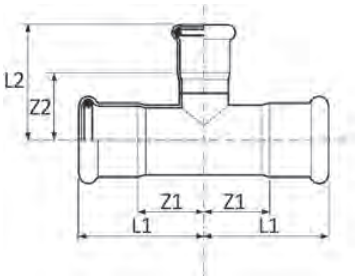
"T" RIDOTTO

- REDUCING TEE
- T-STÜCK MIT REDUZIERTEM ABGANG
- TÉ RÉDUIT
- TE REDUCIDA HHH

MATERIAL: AISI 316L – 1.4404
O-RING: EPDM nero - black - Schwarz - noir - negro

≤54 B 10 11
76÷108 B 10 12
≥139 B 10 17

CODE	De mm	L1 mm	L2 mm	Z1 mm	Z2 mm	g			€
192018015	18 x 15 x 18	36,5	41	15,5	21	80	20	100	20,16
192022015	22 x 15 x 22	39	43	18	23	95	10	100	21,12
192022018	22 x 18 x 22	39	44	18	23	98	10	100	22,21
192028015	28 x 15 x 28	44	46	21	26	126	10	50	25,15
192028018	28 x 18 x 28	44	46	21	26	130	10	50	26,30
192028022	28 x 22 x 28	44	47	21	26	135	10	50	28,05
192035015	35 x 15 x 35	51	49	25	29	158	5	50	33,46
192035018	35 x 18 x 35	51	50	25	30	163	5	50	33,17
192035022	35 x 22 x 35	51	51	25	30	167	5	50	34,24
192035028	35 x 28 x 35	51	54	25	31	171	5	35	35,61
192042018	42 x 18 x 42	59	54	29	34	232	4	20	47,40
192042022	42 x 22 x 42	59	54	29	33	237	4	20	49,05
192042028	42 x 28 x 42	59	57	29	34	243	4	20	50,15
192042035	42 x 35 x 42	59	61	29	35	272	4	20	51,30
192054018	54 x 18 x 54	70	61	34	41	335	2	16	53,03
192054022	54 x 22 x 54	70	62	34	41	340	2	16	55,25
192054028	54 x 28 x 54	70	65	34	42	345	2	16	56,35
192054035	54 x 35 x 54	70	68	34	42	361	2	16	57,45
192054042	54 x 42 x 54	70	72	34	42	376	2	16	61,56
192076022	76,1 x 22 x 76,1	108	74	53	53	995	2	2	283,72
192076028	76,1 x 28 x 76,1	108	77	53	54	1015	2	2	306,72
192076035	76,1 x 35 x 76,1	108	80	53	54	1025	2	2	329,78
192076042	76,1 x 42 x 76,1	108	84	53	54	1045	2	2	355,79
192076054	76,1 x 54 x 76,1	108	91	53	55	1065	2	2	378,87
192088022	88,9 x 22 x 88,9	132	81	72	60	1220	2	2	300,98
192088028	88,9 x 28 x 88,9	132	84	72	61	1225	2	2	318,24
192088035	88,9 x 35 x 88,9	132	88	72	62	1245	2	2	346,85
192088042	88,9 x 42 x 88,9	132	91	72	61	1255	2	2	366,29
192088054	88,9 x 54 x 88,9	132	98	72	63	1280	2	2	387,82
192088076	88,9 x 76,1 x 88,9	132	125	72	70	1485	2	2	413,61
192108022	108 x 22 x 108	155	91	80	70	1665	2	2	323,37
192108028	108 x 28 x 108	155	94	80	71	1670	2	2	338,73
192108035	108 x 35 x 108	155	97	80	71	1775	2	2	375,22
192108042	108 x 42 x 108	155	101	80	71	1865	2	2	387,82
192108054	108 x 54 x 108	155	108	80	72	1925	2	2	422,15
192108076	108 x 76,1 x 108	155	135	80	80	1930	2	2	442,84
192108088	108 x 88,9 x 108	155	144	80	84	1965	2	2	511,54





192

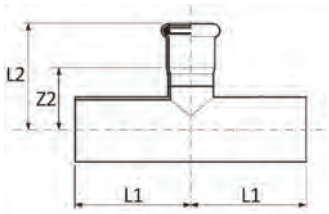
≤54 B 10 11
76÷108 B 10 12
≥139 B 10 17

"T" RIDOTTO

- REDUCING TEE
- T-STÜCK MIT REDUZIERTEM ABGANG
- TÉ RÉDUIT
- TE REDUCIDA HHH

MATERIAL: AISI 316L – 1.4404
O-RING: EPDM nero - black - Schwarz - noir - negro

CODE	De mm	L1 mm	L2 mm	Z1 mm	Z2 mm	g			€
192139035	139,7 x 35 x 139,7	197	117	102	91	3083	1	1	**844,06**
192139076	139,7 x 76,1 x 139,7	197	155	102	100	3340	1	1	**882,93**
192139088	139,7 x 88,9 x 139,7	197	164	102	104	3435	1	1	**906,01**
192139108	139,7 x 108 x 139,7	197	180	102	105	3631	1	1	**923,34**
192168035	168,3 x 35 x 168,3	257	130	144	104	4784	1	1	**1032,30**
192168076	168,3 x 76,1 x 168,3	257	169	144	114	5050	1	1	**1067,61**
192168088	168,3 x 88,9 x 168,3	257	178	144	118	5146	1	1	**1096,47**
192168108	168,3 x 108 x 168,3	257	194	144	119	5340	1	1	**1125,32**
192168139	168,3 x 139,7 x 168,3	257	221	144	126	5681	1	1	**1211,87**





B 10 11

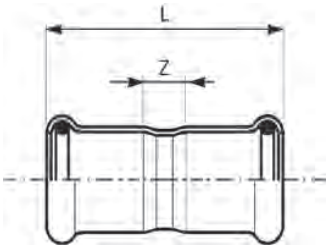
188

"T" RIDOTTO MFM

- REDUCING TEE MFM
- T-STÜCK MIT REDUZIERTEM ABGANG A/I/A
- TÉ RÉDUIT MFM
- TE REDUCIDA MHM

MATERIAL: AISI 316L – 1.4404
O-RING: EPDM nero - black - Schwarz - noir - negro

CODE	De mm	L1 mm	L2 mm	Z2 mm	g			€
188028022	28 x 22 x 28	52,5	47	26	138	10	50	**46,08**
188035022	35 x 22 x 35	60	50,5	29,5	185	5	35	**52,03**
188035028	35 x 28 x 35	60	53,5	30,5	193	5	35	**56,88**
188042028	42 x 28 x 42	69	57	34	256	4	20	**63,12**
188054028	54 x 28 x 54	73,5	64,5	41,5	334	2	16	**71,61**





183/000

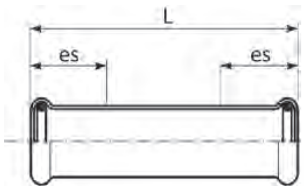
≤54 B 10 11
76÷108 B 10 12
≥139 B 10 17

MANICOTTO

- COUPLING
- MUFFE
- MANCHON
- MANGUITO HH

MATERIAL: AISI 316L – 1.4404
O-RING: EPDM nero - black - Schwarz - noir - negro

CODE	De mm	L mm	Z mm	g			€
183015000	15	49	9	35	20	500	8,00
183018000	18	50	10	42	20	300	9,13
183022000	22	53	11	54	20	200	10,49
183028000	28	56	10	71	10	150	12,00
183035000	35	63	10	97	10	100	15,21
183042000	42	72	12	136	4	60	20,59
183054000	54	83	13	198	2	24	25,53
183076000	76,1	142	32	635	4	4	122,28
183088000	88,9	166	46	765	4	4	139,73
183108000	108	203	41	1170	2	2	177,81
183139000	139,7	250	60	2031	1	1	342,55
183168000	168,3	300	74	2936	1	1	428,22





183/001

≤54 B 10 11
76÷108 B 10 12

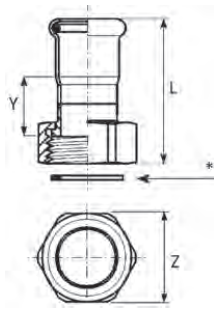
MANICOTTO PASSANTE

- SLIP COUPLING
- SCHIEBEMUFFE
- MANCHON LONG
- MANGUITO SIN TOPE

MATERIAL: AISI 316L – 1.4404
O-RING: EPDM nero - black - Schwarz - noir - negro

CODE	De mm	L mm	es mm	g			€
183015001	15	81	25	56	20	200	15,86
183018001	18	81	25	66	20	200	16,59
183022001	22	84,5	25	83	20	100	19,23
183028001	28	92	30	114	10	100	24,08
183035001	35	102,5	30	153	10	50	30,96
183042001	42	117,5	40	217	4	40	38,59
183054001	54	139	40	321	2	20	53,23
183076001	76,1	230	60	940	2	2	333,78
183088001	88,9	260	70	1240	2	2	379,28
183108001	108	310	80	1835	2	2	469,15

B 10 11





183/002

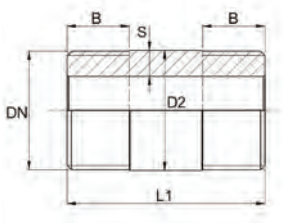
MANICOTTO CON DADO FOLLE

- VALVE CONNECTOR
- ANSCHLUSSVERSCHRAUBUNG
- RACCORD ÉCROU LIBRE
- RÁCOR DOS PIEZAS

MATERIAL: AISI 316L – 1.4404
O-RING: EPDM nero - black - Schwarz - noir - negro
GASKET: (*): EPDM nero - black - Schwarz - noir - negro
THREAD: ISO 228/1 (ex DIN 259)

CODE	De x G mm x inch	L mm	Z mm	Y mm	Gasket mm	g			€
183015012	15 x 1/2"	48,5	27	23	18x10 thk 2,5	83	10	250	**23,10**
183015002	15 x 3/4"	50	30	23	24x14 thk 2,5	66	10	250	**23,30**
183018012	18 x 1/2"	49	27	23,5	18x10 thk 2,5	91	10	250	**25,55**
183018002	18 x 3/4"	50	30	23,5	24x14 thk 2,5	65	10	250	**25,56**
183022012	22 x 3/4"	50	30	19,5	24x14 thk 2,5	78	10	200	**29,98**
183022002	22 x 1"	52	36	23	30x20 thk 2,5	87	10	200	**29,98**
183028012	28 x 1"	52	36	19,5	30x20 thk 2,5	105	10	150	**37,20**
183028002	28 x 1"1/4	57	46	25	39x27 thk 2,5	136	10	150	**37,20**
183028022	28 x 1"1/2	59	52	22,5	44,5x27 thk 2,5	197	10	50	**37,20**
183035012	35 x 1"1/4	57,5	46	20,5	39x27 thk 2,5	163	4	60	**42,22**
183035002	35 x 1"1/2	63	52	26	44,5x34 thk 2,5	186	4	60	**42,22**
183042022	42 x 1"1/2	63,5	52	21	44,5x34 thk 2,5	217	2	30	**57,01**
183042012	42 x 1"3/4	68	58	27	50,5x40 thk 2,5	223	2	30	**57,01**
183042002	42 x 2"	68	64	27	56x42 thk 2,5	266	2	30	**74,95**
183054022	54 x 2"	72	64	23	56x42 thk 2,5	301	2	20	**68,64**
183054012	54 x 2"3/8	77	75	30	65,5x53,5 thk 3	375	2	20	**76,67**
183054002	54 x 2"1/2	77	81	30	71,5x53 thk 3	439	2	20	**107,18**

B 10 11





530/I Inoxpres

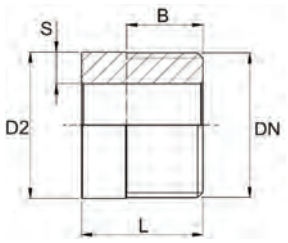
VITE DI ALLUNGAMENTO (BARILOTTO)

- BARREL NIPPLE
- ROHRDOPPELNIPPEL
- MAMELON
- ENTRONQUE DOBLE

MATERIAL: AISI 316 - 1.4401
THREAD: ISO 228/1 (ex DIN 259)

CODE	DN inch	L1 mm	S mm	B mm	D2 mm	g			€
5301000701	1"	70	7,9	22	33,8	347	1	10	**61,80**
5301140701	1"1/4	70	9,2	22	42,4	522	1	8	**70,53**
5301120701	1"1/2	70	8,7	22	48,3	586	1	8	**91,23**
5301340701	1"3/4	70	8	22	54	635	1	6	**103,01**
5302380701	2"3/8	70	10	22	70	1026	1	6	**147,16**

B 10 11





600/I Inoxpres

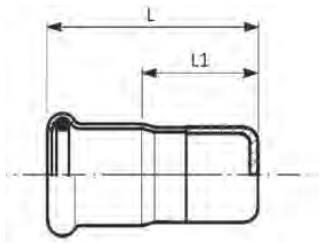
TRONCHETTO

- WELDING NIPPLE
- ANSCHWEISSENDE
- DEMI MAMELON
- ENTRONQUE

MATERIAL: AISI 316 – 1.4401
THREAD: ISO 228/1 (ex DIN 259)

CODE	DN inch	L mm	S mm	B mm	D2 mm	g			€
600100035I	1"	35	7,9	22	33,8	174	1	30	33,84
600114035I	1"1/4	35	9,2	22	42,4	261	1	20	44,14
600112035I	1"1/2	35	8,7	22	48,3	293	1	10	51,49
600134035I	1"3/4	35	8	22	54	318	1	10	55,92
600238035I	2"3/8	35	10	22	70	513	1	10	73,56

≤54 B 10 11
76÷108 B 10 12
≥139 B 10 17





183/003

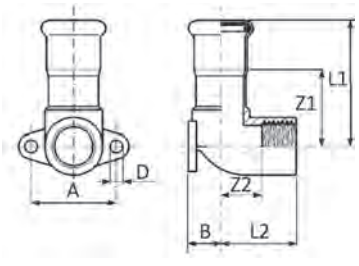
TAPPO DI CHIUSURA

- STOP END
- VERSCHLUSSKAPPE
- BOUCHON D'OBTURATION
- TAPÓN

MATERIAL: AISI 316L – 1.4404
O-RING: EPDM nero - black - Schwarz - noir - negro

CODE	De mm	L mm	L1 mm	g			€
183015003	15	26	5	26	20	500	11,30
183018003	18	26	5	32	20	300	11,76
183022003	22	27	5	43	10	200	13,64
183028003	28	29	5	61	10	150	18,84
183035003	35	52	26	95	5	100	22,98
183042003	42	56	26	126	4	80	32,98
183054003	54	62	27	185	4	40	38,47
183076003	76,1	93	38	540	2	10	76,06
183088003	88,9	102	42	654	2	10	92,20
183108003	108	117	42	935	2	2	121,37
183139003	139,7	162	67	1380	1	1	274,03
183168003	168,3	199	86	2038	1	1	335,99

B 10 11





185/000

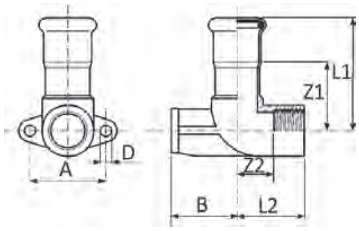
GOMITO MISTO 90° FF

- WALL PLATE ELBOW 90° FF
- DECKENWINKEL 90° I/I
- EQUERRE 90° FF
- CODO PLACA HH

MATERIAL: AISI 316L – 1.4404
O-RING: EPDM nero - black - Schwarz - noir - negro
THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x Rp mm x inch	L1 mm	L2 mm	Z1 mm	Z2 mm	A mm	B mm	D mm	g			€
185102015	15 x 1/2"	50	30	30	17	34	13	5	98	10	150	28,39
185102018	18 x 1/2"	51	30	31	17	34	13	5	109	10	150	29,44
185304022	22 x 3/4"	55	34	34	19	40	17	6	166	10	100	42,37

B 10 11





185/001

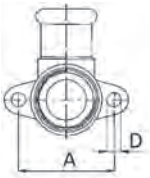
GOMITO MISTO 90° FF CON DISTANZIALE

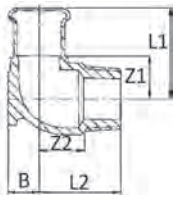
- EXTENSION WALL PLATE ELBOW 90° FF
- DECKENWINKEL 90°/W - I/I
- EQUERRE 90° FF AVEC SUPPORT D'AVENCEMENT
- CODO PLACA HH CON ESPACIADOR

MATERIAL: AISI 316L – 1.4404
O-RING: EPDM nero - black - Schwarz - noir - negro
THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x Rp mm x inch	L1 mm	L2 mm	Z1 mm	Z2 mm	A mm	B mm	D mm	g			€
185102115	15 x 1/2"	50	30	30	17	34	35	5	146	10	150	**30,78**
185102118	18 x 1/2"	51	30	31	17	34	35	5	142	10	150	**32,32**
185304122	22 x 3/4"	55	34	34	19	40	31	6	182	10	100	**43,81**

B 10 11







185/002

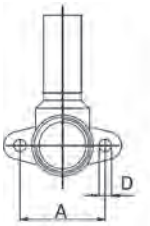
GOMITO MISTO 90° FM

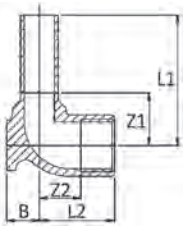
- WALL PLATE ELBOW 90° FM
- DECKENWINKEL 90° I/A
- EQUERRE 90° FM
- CODO PLACA HM

MATERIAL: AISI 316L – 1.4404
O-RING: EPDM nero - black - Schwarz - noir - negro
THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x R mm x inch	L1 mm	L2 mm	Z1 mm	Z2 mm	A mm	B mm	D mm	g			€
185304218	18 x 3/4"	38	34	18	19	40	13	6	160	10	100	**37,42**

B 10 11







185/000 M

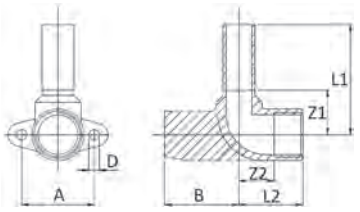
GOMITO MISTO 90° MF

- WALL PLATE ELBOW 90° MF
- DECKENWINKEL 90° A/I
- EQUERRE 90° MF
- CODO PLACA MH

MATERIAL: AISI 316L – 1.4404
THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x Rp mm x inch	L1 mm	L2 mm	Z1 mm	Z2 mm	A mm	B mm	D mm	g			€
185102015M	15 x 1/2"	52	30	21	16,5	34	13	5	100	10	200	**28,86**
185102018M	18 x 1/2"	52	30,5	21	17	34	12,5	5	95	10	200	**29,96**
185304022M	22 x 3/4"	55	34	24	19	40	17	6	144	10	100	**43,12**

B 10 11





185/001 M

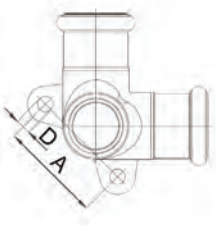
GOMITO MISTO 90° MF CON DISTANZIALE

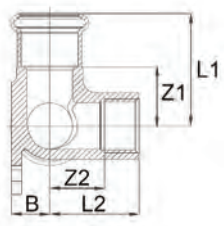
- EXTENSION WALL PLATE ELBOW 90° MF
- DECKENWINKEL 90°/W A/I
- EQUERRE 90° MF AVEC SUPPORT D'AVENCEMENT
- CODO PLACA MH CON ESPACIADOR

MATERIAL: AISI 316L – 1.4404
THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x Rp mm x inch	L1 mm	L2 mm	Z1 mm	Z2 mm	A mm	B mm	D mm	g			€
185102115M	15 x 1/2"	52	30	21	16,5	34	35	5	135	10	150	**30,78**
185102118M	18 x 1/2"	52	30	21	16,5	34	35	5	130	10	150	**32,32**
185304122M	22 x 3/4"	55	34	24	19	40	31	6	166	10	100	**43,81**

B 10 11







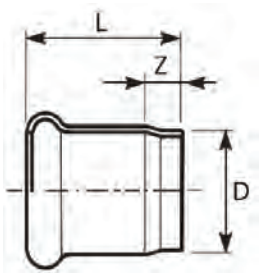
185/003

RACCORDO TRE VIE CON FLANGIA E DERIVAZIONE FILETTO F

- CORNER TEE WITH WALL FLANGE
- INOXPRES-DOPPELWANDSCHEIBE
- EQUERRE MURALE AVEC FILETAGE FEMELLE
- RACOR TRES VÍAS CON BRIDA Y ROSCA HEMBRA

MATERIAL: AISI 316L – 1.4404
O-RING: EPDM nero - black - Schwarz - noir - negro
THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x Rp x De mm x inch x mm	L1 mm	L2 mm	Z1 mm	Z2 mm	A mm	B mm	D mm	g			€
185102315	15 x 1/2" x 15	43	32	23	18,5	40	13	6	175	10	100	**61,89**
185102318	18 x 1/2" x 18	41	32	21	18,5	40	13	6	165	10	50	**63,98**
185102322	22 x 1/2" x 22	44	35	23	21,5	40	15	6	216	5	50	**70,95**





187/R

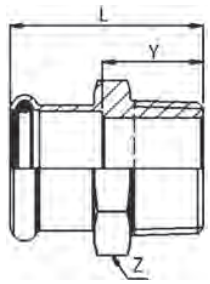
≤54 B 10 11
76÷108 B 10 12
≥139 B 10 17

MEZZO MANICOTTO A SALDARE

- HALF WELDING COUPLING
- HALBE LAENGE SCHWEISSMUFFE
- DEMI MANCHON À SOUDER
- MEDIO MANGUITO PARA SOLDAR

MATERIAL: AISI 316L – 1.4404
O-RING: assente - absent - Abwesend - absent - ausente

CODE	De mm	D mm	L mm	Z mm	g			€
187015000R	15	17,2	29	9	20	20	400	**8,35**
187018000R	18	20	29,5	9,5	24	20	300	**9,99**
187022000R	22	24	30,5	9,5	30	20	200	**11,25**
187028000R	28	30	33,5	10,5	40	20	200	**11,54**
187035000R	35	37	37,5	11,5	52	10	100	**14,16**
187042000R	42	44	41	11	74	10	50	**14,62**
187054000R	54	56	48	12	104	10	50	**15,29**
187076000R	76,1	76,1	74,5	19,5	308	4	24	**73,27**
187088000R	88,9	88,9	84	24	404	2	20	**94,17**
187108000R	108	108	100	25	614	1	4	**127,07**
187139000R	139,7	139,7	127	32	986	1	1	**183,26**
187168000R	168,3	168,3	159	46	1449	1	1	**229,09**





187

≤54 B 10 11
76÷108 B 10 12

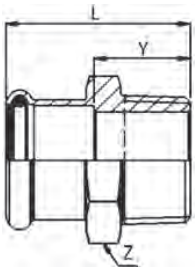
MANICOTTO MISTO FILETTO M

- MALE ADAPTER
- ÜBERGANGSSTÜCK MIT AG
- RACCORD AVEC FILETAGE MALE
- UNIÓN MACHO

MATERIAL: AISI 316L – 1.4404
O-RING: EPDM nero - black - Schwarz - noir - negro
THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x R mm x inch	L mm	Z mm	Y mm	g			€
187308015	15 x 3/8"	38	24	18	48.0	20	400	**16,48**
187102015	15 x 1/2"	41	24	21	58.0	20	300	**20,18**
187304015	15 x 3/4"	43	30	23	107.0	20	200	**20,48**
187102018	18 x 1/2"	41	27	21	60.0	20	300	**21,96**
187304018	18 x 3/4"	44	30	24	99.0	20	200	**22,92**
187102022	22 x 1/2"	42	32	21	86.0	10	200	**23,87**
187304022	22 x 3/4"	44	32	23	88.0	10	200	**24,72**
187100022	22 x 1"	46	36	25	156.0	10	100	**29,39**
187102028	28 x 1/2"	46	38	23	119.0	10	100	**33,54**
187304028	28 x 3/4"	47	38	24	118.0	10	100	**33,54**
187100028	28 x 1"	48	38	25	129.0	10	100	**38,46**
187114028	28 x 1"1/4	53	46	30	269.0	5	60	**44,41**
187100035	35 x 1"	52	45	25	170.0	5	100	**40,53**
187114035	35 x 1"1/4	55	46	28	201.0	5	50	**47,08**
187112035	35 x 1"1/2	55	50	28	296.0	4	60	**55,52**
187114042	42 x 1"1/4	59	55	28	263.0	4	40	**63,07**
187112042	42 x 1"1/2	59	54	28	256.0	4	40	**68,41**
187112054	54 x 1"1/2	65	65	29	371.0	4	32	**79,42**
187200054	54 x 2"	71	65	35	391.0	4	32	**85,06**
187212076	76,1 x 2"1/2	98	83	43	769.0	2	8	**398,32**
187300088	88,9 x 3"	111	98	51	1218.0	2	4	**595,11**
187400108	108 x 4"	132	118	57	1842.0	2	2	**685,06**

B 10 11





187 NPT

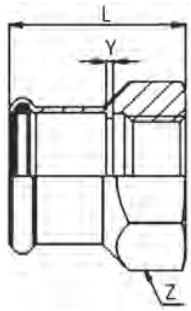
MANICOTTO MISTO FILETTO M NPT

- MALE ADAPTER NPT
- ÜBERGANGSSTÜCK MIT AG NPT
- RACCORD AVEC FILETAGE MALE NPT
- UNIÓN MACHO NPT

MATERIAL: AISI 316L – 1.4404
O-RING: EPDM nero - black - Schwarz - noir - negro
THREAD: NPT - ANSI B 1.20.1

CODE	De x R mm x inch	L mm	Z mm	Y mm	g			€
18730815NPT	15 x 3/8"	38	24	18	47.0	20	400	**20,63**
18710215NPT	15 x 1/2"	41	24	21	59.0	20	300	**25,26**
18710218NPT	18 x 1/2"	41	27	21	62.0	20	300	**27,45**
18730422NPT	22 x 3/4"	44	32	23	91.0	10	200	**30,90**
18710028NPT	28 x 1"	48	38	25	129.0	10	100	**48,08**
18711435NPT	35 x 1"1/4	55	46	28	200.0	5	50	**58,89**
18711242NPT	42 x 1"1/2	59	55	28	261.0	4	40	**85,54**
18720054NPT	54 x 2"	71	65	35	392.0	4	32	**106,36**

B 10 11





190

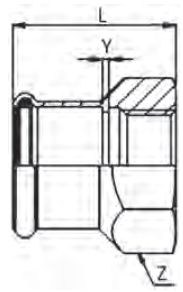
MANICOTTO MISTO FILETTO F

- FEMALE ADAPTER
- ÜBERGANGSSTÜCK MIT IG
- RACCORD AVEC FILETAGE FEMELLE
- UNIÓN HEMBRA

MATERIAL: AISI 316L – 1.4404
O-RING: EPDM nero - black - Schwarz - noir - negro
THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x Rp mm x inch	L mm	Z mm	Y mm	g			€
190102015	15 x 1/2"	38	27	2	63.0	20	300	**21,74**
190304015	15 x 3/4"	39	32	2	76.0	20	300	**22,66**
190102018	18 x 1/2"	38	27	2	65.0	20	300	**22,93**
190304018	18 x 3/4"	39	32	2	77.0	10	200	**23,98**
190102022	22 x 1/2"	39	32	2	99.0	20	200	**24,35**
190304022	22 x 3/4"	40	32	2	79.0	10	150	**28,51**
190100022	22 x 1"	43	41	2	142.0	10	100	**33,70**
190102028	28 x 1/2"	41	38	2	156.0	10	100	**32,55**
190304028	28 x 3/4"	42	38	2	129.0	10	100	**32,55**
190100028	28 x 1"	45	41	2	139.0	10	100	**44,63**
190114028	28 x 1"1/4	48	46	2	143.0	10	100	**49,51**
190100035	35 x 1"	49	46	2	207.0	5	100	**42,89**
190114035	35 x 1"1/4	52	46	2	156.0	5	50	**48,67**
190112035	35 x 1"1/2	52	55	2	237.0	4	40	**55,64**
190114042	42 x 1"1/4	56	55	2	309.0	4	40	**55,04**
190112042	42 x 1"1/2	56	55	2	243.0	4	40	**75,90**
190112054	54 x 1"1/2	60	65	1	438.0	4	32	**82,63**
190200054	54 x 2"	65	65	2	317.0	4	20	**113,03**

B 10 11





190 NPT

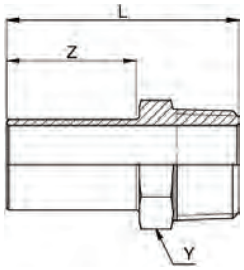
MANICOTTO MISTO FILETTO F NPT

- FEMALE ADAPTER NPT
- ÜBERGANGSSTÜCK MIT IG NPT
- RACCORD AVEC FILETAGE FEMELLE NPT
- UNIÓN HEMBRA NPT

MATERIAL: AISI 316L – 1.4404
O-RING: EPDM nero - black - Schwarz - noir - negro
THREAD: NPT - ANSI B 1.20.1

CODE	De x Rp mm x inch	L mm	Z mm	Y mm	g			€
19010215NPT	15 x 1/2"	38	27	18	64.0	20	300	**27,18**
19010218NPT	18 x 1/2"	38	27	18	67.0	20	300	**28,67**
19030422NPT	22 x 3/4"	40	32	19	87.0	10	150	**35,64**
19010028NPT	28 x 1"	50	41	27	173.0	10	100	**55,79**
19011435NPT	35 x 1"1/4	49	46	22	167.0	5	50	**60,89**
19011242NPT	42 x 1"1/2	56	55	25	256.0	4	40	**94,92**
19020054NPT	54 x 2"	65	65	29	351.0	4	20	**141,33**

B 10 11





269/M

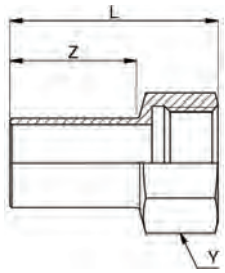
MANICOTTO CON INSERIMENTO FILETTO M

- MALE REDUCTION SOCKET
- ÜBERGANG AUSSENGEWINDE MIT EINSCHUBENDE
- MANCHON DE RÉDUCTION FILETÉ
- ADAPTADOR MACHO

MATERIAL: AISI 316L – 1.4404
THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x R mm x inch	L mm	Z mm	Y mm	g			€
269102115	15 x 1/2"	52	31	22	55	20	300	**20,59**
269102118	18 x 1/2"	52	31	22	50	20	300	**22,51**
269304118	18 x 3/4"	55	31	27	95	20	200	**22,29**
269102122	22 x 1/2"	55	32	27	69	10	200	**24,19**
269304122	22 x 3/4"	56	32	27	80	10	200	**25,35**
269304128	28 x 3/4"	61	37	30	97	10	150	**31,84**
269100128	28 x 1"	64	37	38	145	10	100	**34,76**
269114135	35 x 1"1/4	72	41	45	238	4	40	**37,39**
269112142	42 x 1"1/2	91	55	55	292	4	40	**43,39**
269200154	54 x 2"	127	83	65	463	4	20	**72,59**

B 10 11





269/F

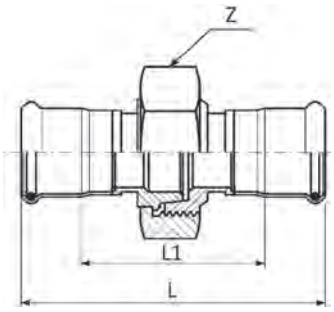
MANICOTTO CON INSERIMENTO FILETTO F

- FEMALE REDUCTION SOCKET
- ÜBERGANG INNENGEWINDE MIT EINSCHUBENDE
- MANCHON DE RÉDUCTION AVEC TARAUDAGE
- ADAPTADOR HEMBRA

MATERIAL: AISI 316L – 1.4404
THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x Rp mm x inch	L mm	Z mm	Y mm	g			€
269102015	15 x 1/2"	52	31	24	55	20	300	**22,46**
269102018	18 x 1/2"	52	31	24	56	20	200	**23,63**
269304018	18 x 3/4"	51	31	30	57	20	200	**24,56**
269102022	22 x 1/2"	52	32	24	65	10	200	**24,95**
269304022	22 x 3/4"	52	32	30	70	10	200	**29,49**
269304028	28 x 3/4"	57	37	30	76	10	150	**31,84**
269100028	28 x 1"	57	35	36	104	10	100	**47,73**
269114035	35 x 1"1/4	70	45	46	182	5	50	**66,94**
269112042	42 x 1"1/2	118	78	55	280	4	40	**73,79**
269200054	54 x 2"	135	83	70	340	2	10	**101,17**

B 10 11





184/000

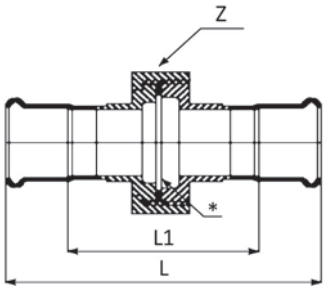
BOCCHETTONE SEDE CONICA

- CONICAL UNION
- DURCHGANGSVERSCHRAUBUNG MIT PRESSENDEN KONISCH
- ÉLÉMENT DE TRANSITION FILTÉ CONIQUE AVEC MANCHONS DES 2 CÔTES
- RÁCOR 3 PIEZAS CONICO

MATERIAL: AISI 316L – 1.4404
O-RING: EPDM nero - black - Schwarz - noir - negro

CODE	De mm	L mm	L1 mm	Z mm	g			€
184015000	15	96	56	34	146	10	100	**43,96**
184018000	18	97	57	39	192	10	100	**52,03**
184022000	22	99	57	39	202	10	50	**58,34**
184028000	28	116	70	58	468	5	25	**75,70**
184035000	35	123	71	67	618	4	20	**95,54**
184042000	42	138	78	77	824	2	20	**118,45**
184054000	54	154	84	90	1178	2	10	**223,83**

B 10 11





184/001

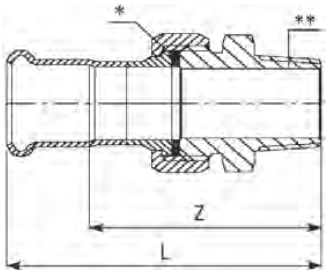
BOCCHETTONE SEDE PIANA

- FLAT FACED UNION
- DURCHGANGSVERSCHRAUBUNG MIT PRESSENDEN FLACHDICHTEND
- ÉLÉMENT DE TRANSITION FILTÉ PLAT AVEC MANCHONS DES 2 CÔTES
- RÁCOR 3 PIEZAS PLANO

MATERIAL: AISI 316L – 1.4404
O-RING: EPDM nero - black - Schwarz - noir - negro
GASKET: (*): EPDM nero - black - Schwarz - noir - negro

CODE	De mm	L mm	L1 mm	Z mm	Gasket mm	g			€
184015001	15	96	56	34	24x14 thk 2,5	146	10	120	**43,96**
184018001	18	97	57	39	30x20 thk 2,5	187	10	100	**52,03**
184022001	22	100	58	39	30x20 thk 2,5	194	10	100	**58,34**
184028001	28	117	71	58	47,5x37 thk 2,5	450	5	30	**75,70**
184035001	35	127	75	67	56x42 thk 2,5	617	4	20	**95,54**
184042001	42	140	80	77	66x56 thk 2,5	797	2	20	**118,45**
184054001	54	152	82	90	79,5x69 thk 2,5	1176	2	10	**223,83**

B 10 11





184/002

BOCCHETTONE SEDE PIANA FILETTO M

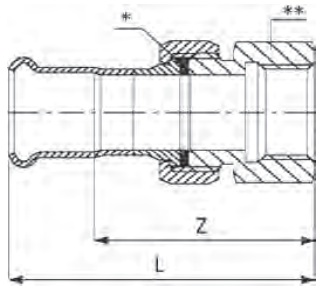
- STRAIGHT MALE UNION CONNECTOR
- DURCHGANGSVERSCHRAUBUNG MIT AUSSENGEWINDE
- RACCORD UNION FILETÉ
- RÁCOR 3 PIEZAS ROSCADO MACHO

MATERIAL: AISI 316L – 1.4404
FITTING: (**): ottone - brass - Messing - laiton - latón
O-RING: EPDM nero - black - Schwarz - noir - negro
GASKET: (*): EPDM nero - black - Schwarz - noir - negro
THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x R mm x inch	L mm	Z mm	Gasket mm	g			€
184015002	15 x 1/2"	77	56	24x14 thk 2,5	142	2	160	**39,20**
184018002	18 x 1/2"	77	56	24x14 thk 2,5	144	2	160	**44,66**
184022122	22 x 1/2"	79	54	30x20 thk 2,5	199	2	100	**45,99**
184022002	22 x 3/4"	81	59	30x20 thk 2,5	202	2	100	**45,99**
184028342	28 x 3/4"	87	64	39x27 thk 2,5	370	2	40	**78,45**
184028002	28 x 1"	90	67	39x27 thk 2,5	364	2	40	**78,45**
184035002	35 x 1"1/4	101	74	44,5x34 thk 2,5	540	2	40	**100,09**
184042002	42 x 1"1/2	105	74	50,5x40 thk 2,5	563	2	30	**114,94**
184054002	54 x 2"	118	83	65,5x53,5 thk 3	823	2	20	**197,40**

184/002 - non certificato SVGW - not certified SVGW - ohne Zertifizierung SVGW - sans certification SVGW - sin certificación SVGW

B 10 11





184/003

BOCCHETTONE SEDE PIANA FILETTO F

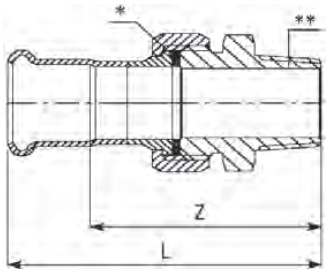
- STRAIGHT FEMALE UNION CONNECTOR
- DURCHGANGSVERSCHRAUBUNG MIT INNENGEWINDE
- RACCORD UNION TARAUDÉ
- RÁCOR 3 PIEZAS HEMBRA

MATERIAL: AISI 316L – 1.4404
FITTING: (**): ottone - brass - Messing - laiton - latón
O-RING: EPDM nero - black - Schwarz - noir - negro
GASKET: (*): EPDM nero - black - Schwarz - noir - negro
THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x Rp mm x inch	L mm	Z mm	Gasket mm	g			€
184015003	15 x 1/2"	71	50	24x14 thk 2,5	140	2	160	**39,20**
184018003	18 x 1/2"	72	51	24x14 thk 2,5	145	2	140	**47,27**
184022123	22 x 1/2"	75	54	30x20 thk 2,5	253	2	100	**51,40**
184022003	22 x 3/4"	76	54	30x20 thk 2,5	213	2	100	**51,40**
184028343	28 x 3/4"	83	60	39x27 thk 2,5	483	2	40	**67,66**
184028003	28 x 1"	83	60	39x27 thk 2,5	404	2	40	**67,66**
184035003	35 x 1"1/4	93	66	44,5x30 thk 2,5	486	2	30	**83,84**
184042003	42 x 1"1/2	97	66	56x42 thk 2,5	536	2	30	**104,19**
184054003	54 x 2"	116	81	65,5x53,5 thk 3	1091	2	20	**198,77**

184/003 - non certificato SVGW - not certified SVGW - ohne Zertifizierung SVGW - sans certification SVGW - sin certificación SVGW

B 10 11





184/002 INOX

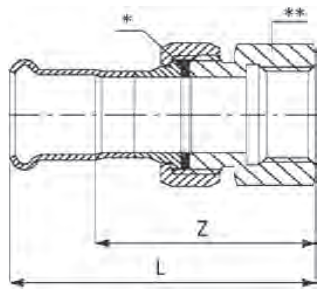
BOCCHETTONE SEDE PIANA FILETTO M

- STRAIGHT MALE UNION CONNECTOR
- DURCHGANGSVERSCHRAUBUNG MIT AUSSENGEWINDE
- RACCORD UNION FILETÉ
- RÁCOR 3 PIEZAS ROSCADO MACHO

MATERIAL: AISI 316L – 1.4404
FITTING: (**): AISI 316L – 1.4404
O-RING: EPDM nero - black - Schwarz - noir - negro
GASKET: (*): EPDM nero - black - Schwarz - noir - negro
THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x R mm x inch	L mm	Z mm	Gasket mm	g			€
184015002I	15 x 1/2"	77	56	24x14 thk 2,5	137	2	160	49,05
184015012I	15 x 3/4"	77	57	24x14 thk 2,5	178	2	160	50,68
184018002I	18 x 1/2"	77	56	24x14 thk 2,5	139	2	160	55,83
184018012I	18 x 3/4"	77	57	24x14 thk 2,5	178	2	160	57,19
184022012I	22 x 1/2"	79	58	30x20 thk 2,5	217	2	100	57,49
184022002I	22 x 3/4"	81	59	30x20 thk 2,5	194	2	100	58,91
184022022I	22 x 1"	81	60	30x20 thk 2,5	257	2	80	95,36
184028002I	28 x 1"	90	67	39x27 thk 2,5	350	2	40	98,06
184035002I	35 x 1"1/4	101	74	44,5x34 thk 2,5	518	2	40	125,11
184042002I	42 x 1"1/2	102	71,5	44,5x34 thk 2,5	543	2	30	132,19
184054002I	54 x 2"	111	77	56x42 thk 2,5	842	2	20	227,07

B 10 11





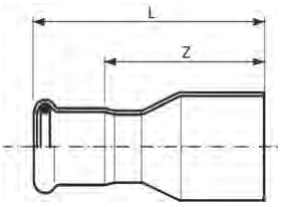
184/003 INOX

BOCCHETTONE SEDE PIANA FILETTO F

- STRAIGHT FEMALE UNION CONNECTOR
- DURCHGANGSVERSCHRAUBUNG MIT INNENGEWINDE
- RACCORD UNION TARAUDÉ
- RÁCOR 3 PIEZAS HEMBRA

MATERIAL: AISI 316L – 1.4404
FITTING: (**): AISI 316L – 1.4404
O-RING: EPDM nero - black - Schwarz - noir - negro
GASKET: (*): EPDM nero - black - Schwarz - noir - negro
THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x Rp mm x inch	L mm	Z mm	Gasket mm	g			€
184015003I	15 x 1/2"	71	50	24x14 thk 2,5	135	2	160	49,05
184015013I	15 x 3/4"	74	54	24x14 thk 2,5	189	2	120	54,43
184018003I	18 x 1/2"	72	51	24x14 thk 2,5	140	2	140	59,09
184018013I	18 x 3/4"	75	55	24x14 thk 2,5	190	2	120	61,04
184022003I	22 x 3/4"	76	54	30x20 thk 2,5	206	2	100	65,21
184022013I	22 x 1"	79	58	30x20 thk 2,5	337	2	60	68,39
184028003I	28 x 1"	83	60	39x27 thk 2,5	387	2	40	84,51
184035003I	35 x 1"1/4	93	66	44,5x34 thk 2,5	467	2	30	104,84
184042003I	42 x 1"1/2	93	62,5	44,5x34 thk 2,5	488	2	30	119,80
184054003I	54 x 2"	111	77	56x42 thk 2,5	902	2	20	228,62





191

RIDUZIONE MF

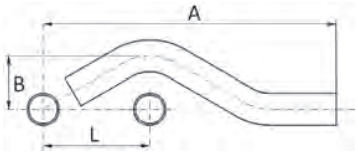
- REDUCER
- REDUZIERSTÜCK
- REDUCTION
- REDUCCIÓN MH

MATERIAL: AISI 316L – 1.4404
O-RING: EPDM nero - black - Schwarz - noir - negro

≤54 B 10 11
76÷108 B 10 12
≥139 B 10 17

CODE	De mm	L mm	Z mm	g			€
191018015	18 x 15	57	37	35	20	500	9,26
191022015	22 x 15	64	44	43	20	400	10,16
191022018	22 x 18	60	40	47	20	300	10,48
191028015	28 x 15	76,5	56,5	50	20	200	14,05
191028018	28 x 18	68	48	63	20	200	12,27
191028022	28 x 22	65	44	66	20	200	12,21
191035015	35 x 15	87	67	89	10	100	44,99
191035018	35 x 18	81	61	87	10	100	45,52
191035022	35 x 22	70	49	90	10	100	38,32
191035028	35 x 28	71	48	98	10	100	29,67
191042015	42 x 15	91	71	111	4	100	46,53
191042018	42 x 18	92	72	114	4	80	46,66
191042022	42 x 22	97	76	120	4	80	48,33
191042028	42 x 28	93	70	130	4	80	49,41
191042035	42 x 35	81	55	138	4	40	32,19
191054015	54 x 15	103	83	158	4	40	51,63
191054018	54 x 18	103	83	162	4	40	51,68
191054022	54 x 22	104	83	169	4	40	54,43
191054028	54 x 28	108,5	85,5	180	4	40	56,66
191054035	54 x 35	108	82	193	4	40	70,54
191054042	54 x 42	97,5	67,5	210	4	32	34,28
191076042	76,1 x 42	149	119	471	4	4	103,37
191076054	76,1 x 54	159	124	529	4	4	105,65
191088054	88,9 x 54	179	144	683	4	4	114,93
191088076	88,9 x 76,1	186	131	813	4	4	156,15
191108054	108 x 54	185	150	831	2	2	123,87
191108076	108 x 76,1	209	154	1022	2	2	160,78
191108088	108 x 88,9	210	150	1107	2	2	179,08
191139076	139,7 x 76,1	356,5	301,5	2100	1	1	627,88
191139088	139,7 x 88,9	380	320	2319	1	1	599,46
191139108	139,7 x 108	345	270	2285	1	1	570,92
191168076	168,3 x 76,1	369	315	2515	1	1	723,61
191168088	168,3 x 88,9	380	320	2660	1	1	685,10
191168108	168,3 x 108	395	320	2945	1	1	656,55
191168139	168,3 x 139,7	422	327	3392	1	1	628,01

B 10 11





179

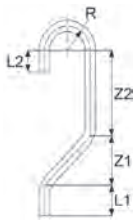
"S" DI SCAVALCAMENTO MM

- PIPE BRIDGE
- SPRUNGBOGEN
- "S" DE CHEVAUCHEMENT MALE
- "S" DE SUPERPOSICIÓN MM

MATERIAL: AISI 316L – 1.4404

CODE	De mm	L mm	A mm	B mm	g			€
179015000	15	57	158	30	54	10	150	19,47
179018000	18	60	166	31	74	10	100	20,26
179022000	22	65	179	33	116	10	100	22,69
179028000	28	73	206	36	192	10	50	27,52

B 10 11





178

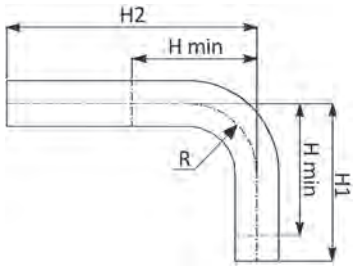
TUBO PER ARIA COMPRESSA

- PIPE FOR COMPRESSED AIR
- SPRUNGBOGEN FÜR DRUCKLUFT
- TUBE POUR L'AIR COMPRIMÉ
- TUBO DE AIRE

MATERIAL: AISI 316L – 1.4404

CODE	De mm	L1 mm	L2 mm	Z1 mm	Z2 mm	R mm	g			€
178015316	15	30	30	96	114	35	143	1	20	84,15
178018316	18	50	35	108	112	39	195	1	20	85,68
178022316	22	50	35	110	110	41	359	1	20	90,65
178028316	28	60	40	139	113	51	550	1	15	102,13

B 10 11





194/900

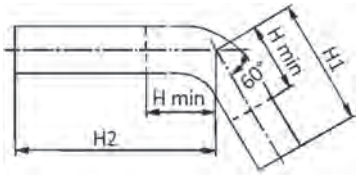
TUBO CURVO 90°

- 90° ELBOW MM
- PASSBOGEN 90°
- COUDE D'AJUSTEMENT 90°
- TUBO RICURVO 90° MM

MATERIAL: AISI 316L – 1.4404

CODE	De mm	H1 mm	H min mm	H2 mm	R mm	g			€
194015900	15	70	48	120	35	89	20	160	19,85
194018900	18	70	53	120	38	108	20	120	20,62
194022900	22	70	61	120	40	133	10	100	22,18
194028900	28	97	80	125	45	202	10	50	23,71
194035900	35	120	90	200	42	380	4	20	48,16
194042900	42	160	115	250	50	592	2	10	59,61
194054900	54	300	140	305	65	1139	2	4	76,53

B 10 11





194/600

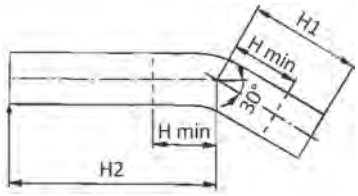
TUBO CURVO 60°

- 60° ELBOW MM
- PASSBOGEN 60°
- COUDE D'AJUSTEMENT 60°
- TUBO RICURVO 60° MM

MATERIAL: AISI 316L – 1.4404

CODE	De mm	H1 mm	H min mm	H2 mm	g			€
194028600	28	71	64	116	182	10	50	39,62
194035600	35	101	71	226	406	4	24	63,68
194042600	42	124	80	251	563	2	10	94,01
194054600	54	162	97	308	914	2	4	121,22

≤54 B 10 11
76÷108 B 10 12





194/300

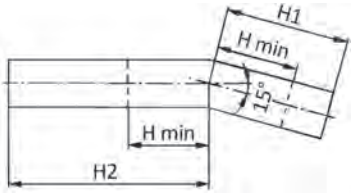
TUBO CURVO 30°

- 30° ELBOW MM
- PASSBOGEN 30°
- COUDE D'AJUSTEMENT 30°
- TUBO RICURVO 30° MM

MATERIAL: AISI 316L – 1.4404

CODE	De mm	H1 mm	H min mm	H2 mm	g			€
194018300	18	55	39	128	113	20	120	18,26
194022300	22	50	44	124	134	10	50	37,10
194028300	28	55	47	131	183	10	50	37,97
194035300	35	80	50	218	375	4	24	61,14
194042300	42	98	54	274	566	2	10	90,17
194054300	54	137	72	324	909	2	2	115,56
194076300	76,1	201	135	201	1489	1	1	138,47
194088300	88,9	241	161	241	2095	1	1	150,30
194108300	108	263	168	263	2787	1	1	185,21

≤54 B 10 11
76÷108 B 10 12





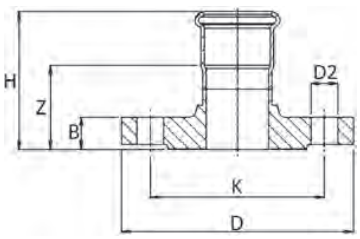
194/150

TUBO CURVO 15°

- 15° ELBOW MM
- PASSBOGEN 15°
- COUDE D'AJUSTEMENT 15°
- TUBO RICURVO 15° MM

MATERIAL: AISI 316L – 1.4404

CODE	De mm	H1 mm	H min mm	H2 mm	g			€
194018150	18	55	40	128	114	20	120	18,26
194028150	28	45	38	136	180	10	50	37,16
194035150	35	62	32	234	373	4	24	59,99
194042150	42	94	50	276	563	2	10	88,34
194054150	54	117	52	337	896	2	2	112,64
194076150	76,1	228	163	228	1694	1	1	138,47
194088150	88,9	240	160	240	2091	1	1	150,30
194108150	108	249	154	249	2646	1	1	185,21





193/002

≤54 B 10 11
76÷108 B 10 12

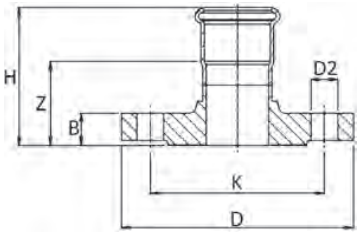
MANICOTTO FLANGIATO

- ADAPTOR FLANGE
- ÜBERGANGSFLANSCH
- BRIDE DE RACCORDEMENT
- BRIDA ADAPTADOR

MATERIAL: AISI 316L – 1.4404
O-RING: EPDM nero - black - Schwarz - noir - negro

PN 6

CODE	De mm	DN flg	H mm	Z mm	B mm	D mm	D2 mm	Holes Nr.	K mm	g			€
193015002	15	15	53	33	12	80	11	4	55	406	2	20	**78,01**
193018002	18	15	53,5	33,5	12	80	11	4	55	406	2	20	**80,20**
193022002	22	20	56,5	35,5	14	90	11	4	65	610	2	14	**94,88**
193028002	28	25	59,5	36,5	14	100	11	4	75	757	2	10	**116,02**
193035002	35	32	63	37	14	120	14	4	90	1063	2	6	**163,73**
193042002	42	40	67	37	14	130	14	4	100	1192	2	6	**192,11**
193054002	54	50	74	38	14	140	14	4	110	1355	2	4	**236,87**
193076002	76,1	65	101	45,5	14	160	14	4	130	1879	2	2	**397,62**
193088002	88,9	80	112	52	16	190	18	4	150	2927	2	2	**474,43**
193108002	108	100	128	53	16	210	18	4	170	3548	2	2	**564,77**





193/000

≤54 B 10 11
76÷108 B 10 12
≥139 B 10 17

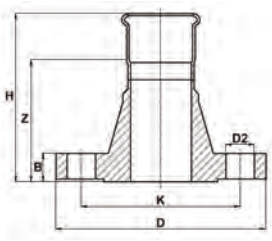
MANICOTTO FLANGIATO

- ADAPTOR FLANGE
- ÜBERGANGSFLANSCH
- BRIDE DE RACCORDEMENT
- BRIDA ADAPTADOR

MATERIAL: AISI 316L – 1.4404
O-RING: EPDM nero - black - Schwarz - noir - negro

PN 16

CODE	De mm	DN flg	H mm	Z mm	B mm	D mm	D2 mm	Holes Nr.	K mm	g			€
193015000	15	15	55	35	14	95	14	4	65	660	2	20	**88,46**
193018000	18	15	55,5	35,5	14	95	14	4	65	660	2	20	**90,89**
193022000	22	20	58,5	37,5	16	105	14	4	75	945	2	14	**107,56**
193028000	28	25	61,5	38,5	16	115	14	4	85	1140	2	10	**131,51**
193035000	35	32	65,5	39,5	16	140	18	4	100	1640	2	6	**185,66**
193042000	42	40	69	39	16	150	18	4	110	1800	2	6	**217,77**
193054000	54	50	78	42	18	165	18	4	125	2450	2	4	**268,56**
193076000	76,1	65	105	50	18	185	18	4	145	3184	2	2	**431,82**
193088000	88,9	80	116	56	20	200	18	8	160	3950	2	2	**515,24**
193108000	108	100	132	57	20	220	18	8	180	4729	2	2	**613,31**
193139000	139,7	125	180	85	22	250	18	8	210	7095	1	1	**870,35**
193168000	168,3	150	212	91,5	22	285	22	8	240	8929	1	2	**989,18**





193/006

≤54 B 10 11
76÷108 B 10 12

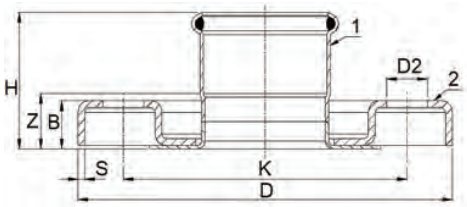
MANICOTTO FLANGIATO

- ADAPTOR FLANGE
- ÜBERGANGSFLANSCH
- BRIDE DE RACCORDEMENT
- BRIDA ADAPTADOR

ANSI 150 lb

MATERIAL: AISI 316L – 1.4404
O-RING: EPDM nero - black - Schwarz - noir - negro

CODE	De mm	DN flg	H mm	Z mm	B mm	D mm	D2 mm	Holes Nr.	K mm	g			€
193015006	15	15	79,7	59,7	14,1	89	15,8	4	60,3	641	2	18	90,96
193018006	18	15	77,1	57,1	11,2	89	15,8	4	60,3	501	2	18	93,50
193022006	22	20	82,9	61,9	12,8	98,5	15,8	4	69,8	749	2	12	110,66
193028006	28	25	89,1	66,1	14,3	108	15,8	4	79,3	1062	2	8	135,25
193035006	35	32	94,4	68,4	15,9	117,5	15,8	4	88,9	1420	2	6	190,88
193042006	42	40	102,9	72,9	17,5	127,1	15,8	4	98,4	1809	2	4	223,93
193054006	54	50	111,1	75,5	19,1	152,5	19	4	120,6	2714	1	2	276,13
193076006	76,1	65	122,5	67,5	22,3	177,9	19	4	139,7	4194	2	2	561,35
193088006	88,9	80	150,9	90,9	23,8	190,6	19	4	152,4	5338	2	2	669,79
193108006	108	100	172,2	97,2	23,8	228,7	19	8	190,5	7525	2	2	797,26





193/001

≤54 B 10 11
76÷108 B 10 12
≥139 B 10 17

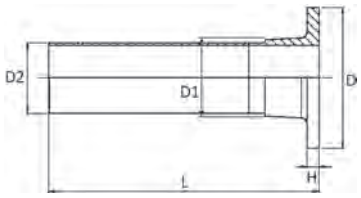
MANICOTTO CON FLANGIA SCORREVOLE

- ADAPTOR LOOSE FLANGE
- UBERGANGSLOSFLANSCH
- BRIDE TOURNANTE DE RACCORDEMENT
- BRIDA LOCA CON ADAPTADOR

PN 10

MATERIAL: 1 - AISI 316L – 1.4404
2 - AISI 304 – 1.4301
O-RING: EPDM nero - black - Schwarz - noir - negro

CODE	De mm	DN flg	H mm	Z mm	B mm	S mm	D mm	D2 mm	Holes Nr.	K mm	g			€
193054001	54	50	60	24	21	3	165	18	4	125	893	2	6	170,50
193076001	76,1	65	86,5	31,5	23	4	185	18	4	145	1623	2	2	220,95
193088001	88,9	80	96	36	23,5	4	200	18	8	160	1879	2	2	259,33
193108001	108	100	116	41	24	4	220	18	8	180	2283	2	2	286,21
193139001	139,7	125	143	48	25,5	5	250	18	8	210	3436	1	1	726,10
193168001	168,3	150	176	63	30	5	285	22	8	240	4668	1	1	829,83





193/004

≤54 B 10 11
76÷108 B 10 12

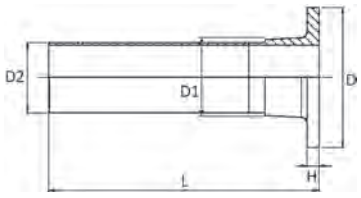
BOCCHELLO PER FLANGIA LIBERA

- COLLAR FOR LOOSE FLANGE
- AUSSEN FÜR LOSE-FLANSCH
- SORTIE A BRIDE POUR BRIDE TOURNANTE
- TRONCO EMBRIDADO PARA BRIDA LOCA

MATERIAL: AISI 316L – 1.4404

PN 6

CODE	De mm	L mm	H mm	D mm	D1 mm	D2 mm	g			€
193022004	22	135	6	50	27	22	210	2	14	**58,63**
193028004	28	135	6	60	32	28	260	2	14	**68,44**
193035004	35	135	6	70	40	35	350	2	14	**82,85**
193042004	42	135	6	80	46	42	420	2	14	**94,28**
193054004	54	135	8	90	59	54	580	2	14	**112,83**
193076004	76,1	135	8	110	78	76,1	840	2	12	**154,71**
193088004	88,9	135	10	128	91	88,9	1150	2	6	**188,45**
193108004	108	135	10	148	110	108	1390	2	2	**239,04**





193/003

≤54 B 10 11
76÷108 B 10 12

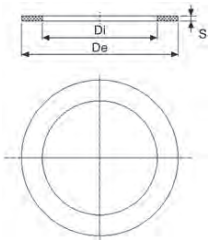
BOCCHELLO PER FLANGIA LIBERA

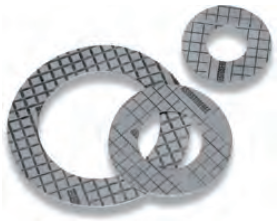
- COLLAR FOR LOOSE FLANGE
- AUSSEN FÜR LOSE-FLANSCH
- SORTIE A BRIDE POUR BRIDE TOURNANTE
- TRONCO EMBRIDADO PARA BRIDA LOCA

MATERIAL: AISI 316L – 1.4404

PN 16

CODE	De mm	L mm	H mm	D mm	D1 mm	D2 mm	g			€
193022003	22	135	6	58	27	22	240	2	14	**60,25**
193028003	28	135	6	68	32	28	300	2	14	**74,25**
193035003	35	135	6	78	40	35	390	2	14	**85,63**
193042003	42	135	6	88	46	42	470	2	14	**97,49**
193054003	54	135	8	102	59	54	700	2	14	**122,38**
193076003	76,1	135	8	122	78	76,1	980	2	4	**166,60**
193088003	88,9	135	10	138	91	88,9	1310	2	4	**203,14**
193108003	108	135	10	158	110	108	1580	2	2	**256,90**





R 30 30

434/PN 6

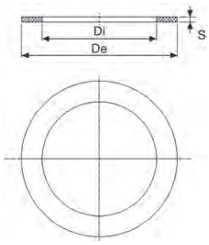
GUARNIZIONE ECOLOGICA PER FLANGE

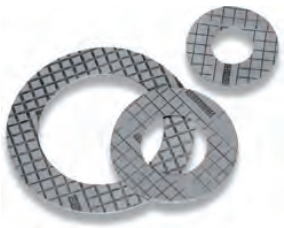
- GASKET FOR FLANGE
- FLANSCHDICHTUNG
- JOINT POUR BRIDE
- JUNTA ECOLÓGICA PARA BRIDA

PN 6

MATERIAL: Sesalit Eco
NORM: EN 1092-1

CODE	DN	De mm	Di mm	S mm	g		€
434015006	15 - (1/2")	44	20	2	4	10	**0,82**
434020006	20 - (3/4")	54	25	2	6	10	**1,20**
434025006	25 - (1")	64	30	2	9	10	**1,67**
434032006	32 - (1"1/4)	75	38	2	11	10	**2,24**
434040006	40 - (1"1/2)	85	45	2	14	10	**2,92**
434050006	50 - (2")	95	57	2	15	10	**4,45**
434065006	65 - (2"1/2)	115	76	2	19	10	**6,12**
434080006	80 - (3")	132	89	2	26	10	**7,26**
434100006	100 - (4")	152	108	2	29	10	**8,59**





R 30 30

434/PN 10-16

GUARNIZIONE ECOLOGICA PER FLANGE

- GASKET FOR FLANGE
- FLANSCHDICHTUNG
- JOINT POUR BRIDE
- JUNTA ECOLÓGICA PARA BRIDA

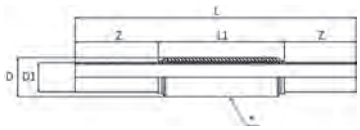
PN 10/16

MATERIAL: Sesalit Eco
NORM: EN 1092-1

CODE	DN	De mm	Di mm	S mm	g		€
434015000	15 - (1/2")	50	20	2	6	10	**0,82**
434020000	20 - (3/4")	60	25	2	8	10	**1,18**
434025000	25 - (1")	70	30	2	10	10	**1,66**
434032000	32 - (1"1/4)	82	38	2	14	10	**2,24**
434040000	40 - (1"1/2)	92	45	2	17	10	**2,92**
434050000	50 - (2")	108	57	2	22	10	**4,40**
434065000	65 - (2"1/2)	127	76	2	27	10	**6,08**
434080000	80 - (3")	142	89	2	30	10	**7,19**
434100000	100 - (4")	162	108	2	38	10	**8,25**
434125000	125 - (5")	192	140	2	44	10	**11,60**
434150000	150 - (6")	218	169	2	55	10	**13,24**

Sesalit ECO: fibre organiche e sintetiche legate con gomma NBR/SBR esente amianto
IMPIEGHI: Acqua calda e fredda, olii vegetali ed animali, aria, alcuni carburanti (no GAS)
LIMITI DI TEMPERATURA ORIENTATIVI
Temperatura massima per brevi esposizioni: 180°-200° C
Temperatura massima di esercizio continuo per fluidi non aggressivi: 140° C
Temperatura massima di esercizio continuo con vapore: 110° C
Temperatura minima di esercizio -40°C
OMOLOGAZIONI: acqua potabile WRAS n° 240155028

Sesalit ECO: organic and synthetic fibers bonded with NBR/SBR asbestos-free
USES: hot and cold water, vegetable and animal oils, air, some fuels (no GAS)
GUIDELINE TEMPERATURE LIMITS
Maximum temperature for short exposure: 180°-200° C
Maximum operating temperature for continuous non-aggressive fluids: 140° C
Maximum temperature for continuous operation with steam: 110° C
Minimum operating temperature -40°C
APPROVAL: potable water WRAS n° 240155028





179/001

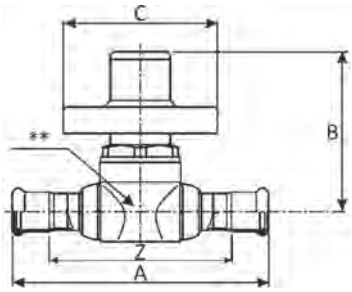
≤54 B 10 11
76÷108 B 10 12

PASSAGGIO STAGNO

- DECK / BULKHEAD PENETRATION
- WANDDURCHFÜHRUNG
- PASSAGE ÉTANCHE
- PASAJE ESTAÑO

MATERIAL: AISI 316L – 1.4404
NOTE: (*): S235JR (Fe 360)

CODE	De mm	L mm	L1 mm	Z mm	D mm	D1 mm	g			€
179015001	15	450	120	165	25	15	460	1	65	**49,79**
179018001	18	450	120	165	30	18	621	1	65	**50,34**
179022001	22	450	120	165	33	22	701	1	50	**50,80**
179028001	28	450	120	165	37	28	776	1	45	**51,65**
179035001	35	450	120	165	43,5	35	936	1	40	**57,45**
179042001	42	450	120	165	53	42	1291	1	32	**68,23**
179054001	54	450	120	165	69	54	1965	1	18	**109,90**
179076001	76,1	450	120	165	88,5	76,1	2840	1	8	**128,86**
179088001	88,9	450	120	165	107	88,9	4081	1	8	**152,24**
179108001	108	450	120	165	131,5	108	5682	1	6	**203,41**





195/000

B 10 11

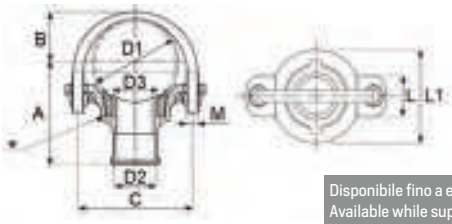
RUBINETTO DA INCASSO CON ROSONE

- STOPVALVE WITH PRESS ENDS
- UP-VENTIL MIT PRESSENDEN
- ROBINET ENCASTRE AVEC ROSACE
- VÁLVULA DE BOLA "PRES" CON EMBECELLADOR

MATERIAL: AISI 316L – 1.4404
O-RING: EPDM nero – black – Schwarz – noir – negro
NOTE: (**) Movimento interno in Ottone – Kugel aus Messing – Ball out of brass – Mouvement en laiton – Bola en latón

CODE	De mm	Z mm	A mm	B mm	C mm	g			€
195015000	15	42	101	74	70	330	1	10	**164,05**

B 10 12





171/P

COLLARE DI PRESA CON DERIVAZIONE FEMMINA

- BRACKET WITH FEMALE THREAD
- ANBOHRSCHELLE MIT INNENGEWINDE
- COLLIER DE PRISE AVEC DÉRIVATION À SERTIR
- CONJUNTO DERIVACIÓN ROSCADO HEMBRA

Disponibile fino a esaurimento scorte
Available while supplies last
Lieferbar solange der Vorrat zu Verfügung steht
Disponible jusqu'à épuisement des stocks
Disponible hasta finalizar existencias

MATERIAL: AISI 316L – 1.4404
O-RING: EPDM nero – black – Schwarz – noir – negro
GASKET: (*): FKM guarnizione – gasket – Dictung – joint – juntas
NOTE: No acqua potabile – no potable water – kein Trinkwasser – pas d'eau potable – sin agua potable

CODE	D1 mm	D2 mm	D3 mm	A mm	B mm	C mm	L mm	L1 mm	M mm	g			€
171076035	76,1	35	40	79	44	100	35	80	M 10 x 35	700	1	20	**69,64**
171088042	88,9	42	47	99	50	115	40	94	M 10 x 35	740	1	10	**121,12**
171108054	108	54	59	116	60	135	45	114	M 10 x 35	1090	1	10	**164,34**

Montaggio - Assembly - Montage - Assemblage - Montaje

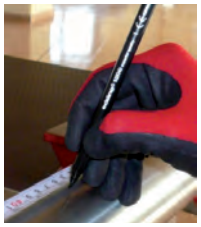

Fig. 1


Fig. 2


Fig. 3


Fig. 4

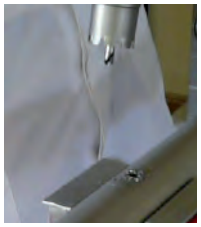

Fig. 5


Fig. 6


Fig. 7


Fig. 8


Fig. 9


Fig. 10

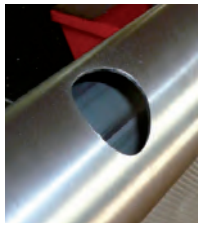
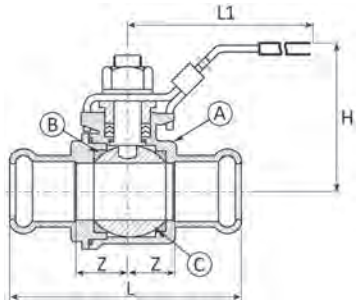

Fig. 11


Fig. 12

B 10 11





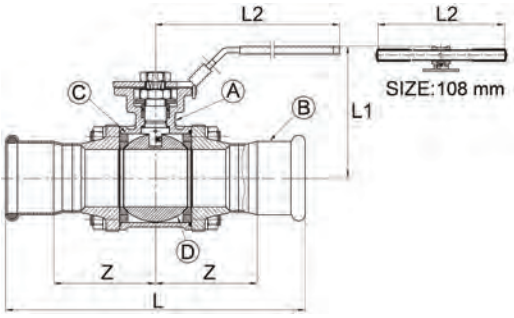
195/005

VALVOLA A SFERA PASSAGGIO TOTALE

- BALL VALVE WITH FULL PORT
- KUGELHAHN MIT VOLLEM DURCHGANG
- BOISSEAU SPHERIQUE PASSAGE RÉDUIT
- VÁLVULA DE BOLA PASO TOTAL

MATERIAL: A-C: AISI 316L – 1.4404 B: PTFE
O-RING: EPDM nero – black – Schwarz – noir – negro

CODE	De mm	L mm	L1 mm	H mm	Z mm	g			€
195015005	15	85	97,5	50	20	275	1	10	**93,82**
195018005	18	88	123	59	20	430	1	10	**111,97**
195022005	22	100	123	62,5	21	508	1	10	**140,36**
195028005	28	107	145	69,5	23	786	1	10	**188,61**





195/003

≤54 B 10 11
76÷108 B 10 12

VALVOLA A SFERA 3 PZ PASSAGGIO TOTALE LUCCHETTABILE

- 3-PC BALL VALVE WITH FULL PORT
- KUGELHAHN 3-TEILIG MIT VOLLEM DURCHGANG
- BOISSEAU SPHERIQUE 3 PCS PASSAGE INTÉGRAL
- VÁLVULA DE BOLA TRES PIEZAS PASO TOTAL

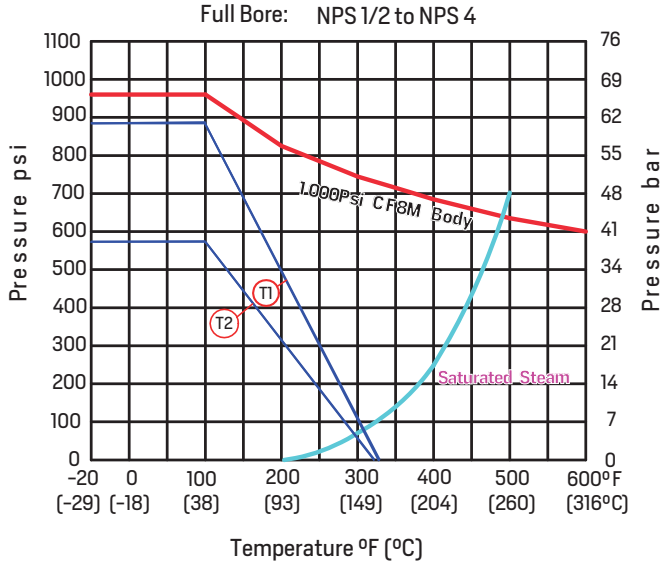
MATERIAL: A-B-D: AISI 316L – 1.4404 C: PTFE
O-RING: EPDM nero - black - Schwarz - noir - negro
NORM: flangia attuatore / flange for actuator Flansch für Stellantrieb / bride pour actuateur / brida actuador ISO 5211

CODE	De mm	DN	DN inch	L mm	Z mm	L1 mm	L2 mm	g			€
195015003	15	10	3/8"	128	44	72	151	698	1	10	**154,61**
195018003	18	15	1/2"	134	47	72	151	714	1	10	**166,87**
195022003	22	20	3/4"	151	54,5	80	151	992	1	10	**178,69**
195028003	28	25	1"	167	60,5	90	179	1476	1	5	**252,62**
195035003	35	32	1" 1/4	184	66	95	179	2280	1	5	**359,27**
195042003	42	40	1" 1/2	207	73,5	104	198	3122	1	5	**457,16**
195054003	54	50	2"	245	87,5	110	198	4600	1	2	**566,45**
195076003	76,1	65	2" 1/2	334	112	150	270	9500	1	2	**1215,63**
195088003	88,9	80	3"	384	132	159	270	13800	1	1	**1698,84**
195108003*	108	100	4"	470	160	210	405	25000	1	1	**2942,94**

(*) DN 108 con tubo maniglia, with pipe handle, mit Rohrgriff, avec tube-poignée, con mango de tubo
Le condizioni stampigliate sono relative al corpo della valvola. La pressione massima di lavoro delle valvole art. 195/003 = 16 bar
The marked pressure's conditions are related to the body of the valve. Maximum working pressure for pressfitting valve art. 195/003 = 16 bar
Die markierte Konditionen der Pressfitting entsprechend den Kugelhahnkoerper. Maximaler Arbeitsbetriebsdruck für Kugelhahn 195/003 = 16 bar
Les conditions de pressions indiquées sur la presse vannes correspondent au corps de vanne. Pression de service maximale des vannes 195/003 = 16 bar
Condiciones de presión marcadas están relacionadas con el cuerpo de la válvula. La presión máxima de trabajo de las válvulas art. 195/003 = 16 bar

CORPO VALVOLA / VALVE BODY

Pressure - Temperature Data
FLOATING BALL VALVES 1000 psi



Seat Materials :
T1 PTFE DN 15 - 32
T2 PTFE DN 40 - 100

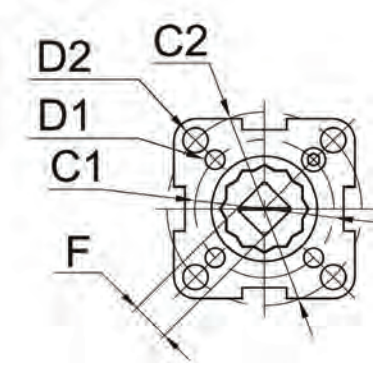
CV	KV
US gallon/min	m³ / h
N/A	N/A
18	15
36	31
48	41
93	80
165	141
207	177
450	386
780	668
1360	1165

1 Kv = 0,86 Cv

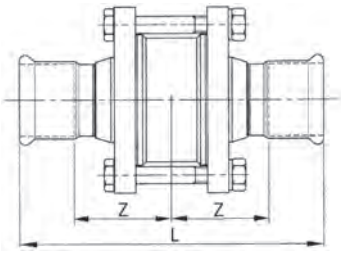
195/003 – Valvola a sfera 3 pz passaggio totale lucchettabile - 3 PC ball valve with full port Kugelhahn 3-Teilig mit vollem Durchgang – Boisseau spherique 3 pcs passage intégral - Válvula de bola tres piezas paso total

Dimensioni della flangia per attuatore / Flange for actuator dimensions / Abmessungen der Flansch für Stellantrieb / Dimensions de la bride pour actuateur Dimensiones de la brida del actuador.

De mm	DN inch	Flange type	C1 mm	C2 mm	D1 mm	D2 mm	F mm
15	3/8"	F03-F04	36	42	6	6	9
18	1/2"	F03-F04	36	42	6	6	9
22	3/4"	F03-F05	36	50	6	7	9
28	1"	F04-F05	42	50	6	7	11
35	1"1/4	F04-F07	42	70	6	9	11
42	1"1/2	F05-F07	50	70	7	9	14
54	2"	F05-F07	50	70	7	9	14
76,1	2"1/2	F07-F10	70	102	9	11	17
88,9	3"	F07-F10	70	102	9	11	17
108	4"	F10	-	102	-	11	22



ISO 5211





195/004

≤54 B 10 11
76÷108 B 10 12

VALVOLA DI RITEGNO

- NON-RETURN VALVE
- RÜCKSCHLAGVENTIL
- CLAPET ANTI-RETOUR
- VÁLVULA DE RETENCIÓN

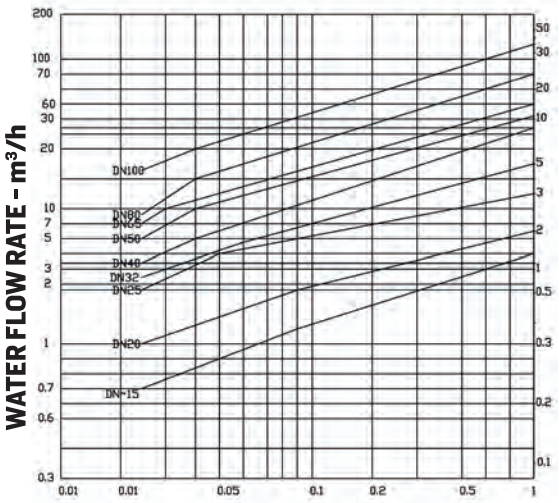
MATERIAL: AISI 316L – 1.4404
O-RING: EPDM nero - black - Schwarz - noir - negro

CODE	De mm	DN	L mm	Z mm	g			€
195015004	15	15	114	37	412	1	10	**195,51**
195018004	18	15	114	37	422	1	10	**221,40**
195022004	22	20	121	39,5	570	1	10	**236,67**
195028004	28	25	138	46	767	1	10	**296,92**
195035004	35	32	158	53	1238	1	10	**608,41**
195042004	42	40	180	60	1766	1	6	**707,44**
195054004	54	50	200	64,5	2418	1	2	**1045,56**
195076004	76,1	65	271	80,5	5208	1	1	**1862,47**
195088004	88,9	80	302	91	7108	1	1	**2604,97**
195108004	108	100	370	110	12366	1	1	**3267,70**

Le condizioni stampigliate sono relative al corpo della valvola. La pressione massima di lavoro delle valvole art. 195/004 = 16 bar
The marked pressure's conditions are related to the body of the valve. Maximum working pressure for pressfitting valve art. 195/004 = 16 bar
Die markierte Konditionen der Pressfitting entsprechend den Kugelhahnkoerper. Maximaler Arbeitsbetriebsdruck für Kugelhahn 195/004 = 16 bar
Les conditions de pressions indiquées sur la presse vannes correspondent au corps de vanne. Pression de service maximale des vannes 195/004 = 16 bar
Condiciones de presión marcadas están relacionadas con el cuerpo de la válvula. La presión máxima de trabajo de las válvulas art. 195/004 = 16 bar

CORPO VALVOLA / VALVE BODY

DIAGRAMMA PERDITA DI CARICO
PRESSURE LOSS DIAGRAM



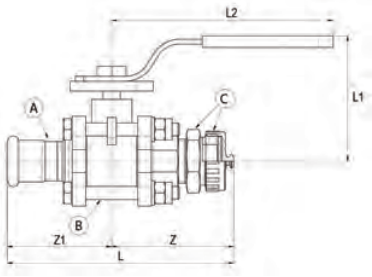
DN15-DN100 PRESSURE LOSS - bar

DE	DN DN inch	CV US gallon/min	KV m³/h	DIREZIONE DI FLUSSO FLOW DIRECTION ↑	↓	→
				Pressione di apertura Opening pressure (mbar)		
15	15 - ½"	4,1	3,5	25	21	23
18	15 - ½"	4,1	3,5	25	21	23
22	20 - ¾"	5,1	4,4	25	21	23
28	25 - 1"	14	12	25	21	23
35	32 - 1"1/4	23,3	20	27	21	24
42	40 - 1"1/2	30,3	26	29	21	25
54	50 - 2"	37,3	32	29	21	25
76,1	65 - 2"1/2	70	60	31	21	25
88,9	80 - 3"	81,7	70	32	21	26
108	100 - 4"	140	120	33	21	27

NOTE

Cv = flusso di acqua (a 60°F) in gpm (galloni al minuto) con una pressione differenziale (caduta di pressione) di 1 psi.
Kv = flusso di acqua (tra 5° e 40°) m³/h, con una pressione differenziale (caduta di pressione) di 1 bar.
(1 Kv = 0,86 Cv)

B 10 11





195/008

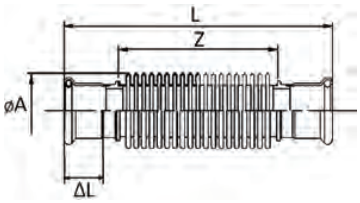
VALVOLA A SFERA CON PRESA MANICHETTA

- BALL VALVE WITH HOSE CONNECTION
- KUGELHAHN MIT SCHLAUCHANSCHLUSS
- BOISSEAU SPHERIQUE AVEC RACCORD DETUYAU
- VÁLVULA DE BOLA CON CONEXIÓN DELA MANGUERA

MATERIAL: A-B: AISI 316L – 1.4404
C: ottone - brass - Messing - laiton - latón
O-RING: EPDM nero - black - Schwarz - noir - negro

CODE	De mm	L mm	L1 mm	L2 mm	Z mm	Z1 mm	g			€
195015008	15 x 3/4"	131,5	72	151	67,5	64	873	1	10	218,63
195022008	22 x 1"	148,5	80	151	73	75,5	1314	1	10	270,03

≤54 B 10 11
76÷108 B 10 12





199

COMPENSATORE DI DILATAZIONE

- EXPANSION COMPENSATOR
- WELLENKOMPENSATOR
- COMPENSATEUR D'EXPANSION
- DILATADOR

MATERIAL: AISI 316L – 1.4404
O-RING: EPDM nero - black - Schwarz - noir - negro

CODE	De mm	L mm	Z mm	A mm	g			€
199015000	15	139	71	22	80	1	100	179,41
199018000	18	143	74	27	108	1	80	197,33
199022000	22	139	68	34	130	1	80	219,77
199028000	28	150	73	41	155	1	40	282,61
199035000	35	177	90	51	251	1	24	349,85
199042000	42	202	107	61	440	1	16	417,12
199054000	54	221	113	71	550	1	12	515,80
199076000	76,1	278	180	87	1464	1	2	788,53
199088000	88,9	314	235	105	1871	1	2	974,62
199108000	108	388	255	131	2845	1	2	1129,50

199 - Compensatore di dilatazione - Expansion compensator - Wellenkompensator Compensateur d'expansion - Dilatador

La corsa massima di lavoro non deve superare la corsa nominale sotto indicata / The maximum axial stroke must not exceed the nominal value below indicated
La course axiale maximum ne doit pas dépasser la course nominale indiquée ci-dessous / Der maximale Axialhub darf den unten angegebenen Nennwert nicht überschreiten / El rango máximo de trabajo no debe exceder el rango nominal abajo indicado

Code	DN	Cycles MAX	Temperature °C																			
			20°		40°		60°		80°		100°		120°		140°		160°		180°		200°	
			ΔL (mm)	P (bar)	ΔL (mm)	P (bar)	ΔL (mm)	P (bar)	ΔL (mm)	P (bar)	ΔL (mm)	P (bar)	ΔL (mm)	P (bar)	ΔL (mm)	P (bar)	ΔL (mm)	P (bar)	ΔL (mm)	P (bar)	ΔL (mm)	P (bar)
199 / 15	15		16,0		14,7		13,6		12,6		11,8		11,4		10,9		10,6		10,2		9,9	
199 / 18	18		18,0		16,6		15,3		14,2		13,3		12,8		12,3		11,9		11,5		11,2	
199 / 22	22		20,0		18,4		17,0		15,8		14,8		14,2		13,7		13,2		12,8		12,4	
199 / 28	28	800	22,0	16	20,2	14,5	18,7	13,5	17,4	12,5	16,3	12	15,6	11,5	15,0	11	14,5	10,5	14,1	10,2	13,6	9,5
199 / 35	35		26,0		23,9		22,1		20,5		19,2		18,5		17,8		17,2		16,6		16,1	
199 / 42	42		32,0		29,4		27,2		25,3		23,7		22,7		21,9		21,1		20,5		19,8	
199 / 54	54		36,0		33,1		30,6		28,4		26,6		25,6		24,6		23,8		23,0		22,3	
199 / 76	76		30,0		27,6		25,5		23,7		22,2		21,3		20,5		19,8		19,2		18,6	
199 / 88	89	500	40,0	16	36,8	14,5	34,0	13,5	31,6	12,5	29,6	12	28,4	11,5	27,3	11	26,4	10,5	25,6	10,2	24,8	9,5
199 / 108	108		50,0		46,0		42,5		39,5		37,0		35,5		34,2		33,0		32,0		31,0	

Code	DN	Cycles MAX	Temperature °C																			
			20°		40°		60°		80°		100°		120°		140°		160°		180°		200°	
			ΔL (mm)	P (bar)	ΔL (mm)	P (bar)	ΔL (mm)	P (bar)	ΔL (mm)	P (bar)	ΔL (mm)	P (bar)	ΔL (mm)	P (bar)	ΔL (mm)	P (bar)	ΔL (mm)	P (bar)	ΔL (mm)	P (bar)	ΔL (mm)	P (bar)
199 / 15	15		11,2		10,3		9,5		8,8		8,3		8,0		7,6		7,4		7,2		6,9	
199 / 18	18		12,6		11,6		10,7		10,0		9,3		8,9		8,6		8,3		8,1		7,8	
199 / 22	22		14,0		12,9		11,9		11,1		10,4		9,9		9,6		9,2		9,0		8,7	
199 / 28	28	2900	15,4	16	14,2	14,5	13,1	13,5	12,2	12,5	11,4	12	10,9	11,5	10,5	11	10,2	10,5	9,9	10,2	9,5	9,5
199 / 35	35		18,2		16,7		15,5		14,4		13,5		12,9		12,4		12,0		11,6		11,3	
199 / 42	42		22,4		20,6		19,0		17,7		16,6		15,9		15,3		14,8		14,3		13,9	
199 / 54	54		25,2		23,2		21,4		19,9		18,6		17,9		17,2		16,6		16,1		15,6	
199 / 76	76		21,0		19,3		17,9		16,6		15,5		14,9		14,3		13,9		13,4		13,0	
199 / 88	89	1800	28,0	16	25,8	14,5	23,8	13,5	22,1	12,5	20,7	12	19,9	11,5	19,1	11	18,5	10,5	17,9	10,2	17,4	9,5
199 / 108	108		35,0		32,2		29,8		27,7		25,9		24,9		23,9		23,1		22,4		21,7	

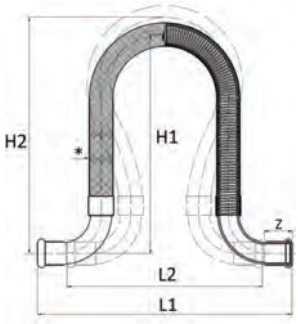
Code	DN	Cycles MAX	Temperature °C																			
			20°		40°		60°		80°		100°		120°		140°		160°		180°		200°	
			ΔL (mm)	P (bar)	ΔL (mm)	P (bar)	ΔL (mm)	P (bar)	ΔL (mm)	P (bar)	ΔL (mm)	P (bar)	ΔL (mm)	P (bar)	ΔL (mm)	P (bar)	ΔL (mm)	P (bar)	ΔL (mm)	P (bar)	ΔL (mm)	P (bar)
199 / 15	15		8,0		7,4		6,8		6,3		5,9		5,7		5,5		5,3		5,1		5,0	
199 / 18	18		9,0		8,3		7,7		7,1		6,7		6,4		6,1		5,9		5,8		5,6	
199 / 22	22		10,0		9,2		8,5		7,9		7,4		7,1		6,8		6,6		6,4		6,2	
199 / 28	28	12000	11,0	16	10,1	14,5	9,4	13,5	8,7	12,5	8,1	12	7,8	11,5	7,5	11	7,3	10,5	7,0	10,2	6,8	9,5
199 / 35	35		13,0		12,0		11,1		10,3		9,6		9,2		8,9		8,6		8,3		8,1	
199 / 42	42		16,0		14,7		13,6		12,6		11,8		11,4		10,9		10,6		10,2		9,9	
199 / 54	54		18,0		16,6		15,3		14,2		13,3		12,8		12,3		11,9		11,5		11,2	
199 / 76	76		15,0		13,8		12,8		11,9		11,1		10,7		10,2		9,9		9,6		9,3	
199 / 88	89	7500	20,0	16	18,4	14,5	17,0	13,5	15,8	12,5	14,8	12	14,2	11,5	13,7	11	13,2	10,5	12,8	10,2	12,4	9,5
199 / 108	108		25,0		23,0		21,3		19,8		18,5		17,8		17,1		16,5		16,0		15,5	

Cycles MAX = Numero di cicli di lavoro - Work cycles number - Anzahl der Zyklen - Nombre de cycles de travail - Número de ciclos de trabajo

ΔL (mm) = Corsa assiale in compressione - Compression axial stroke - Axialhub in Kompression - Course axiale en compression - Carrera axial en compresión

P (bar) = pressione massima di lavoro - Maximum working pressure - maximaler Arbeitsdruck - Pression de travail maximale - Presión máxima de trabajo

B 10 11





199/001

TUBO FLESSIBILE AD OMEGA

- U-BEND FLEXIBLE PIPE
- FLEXIBLES ECKSTÜCK ZUM EINPRESSEN
- TUBE FLEXIBLE RACCORDS COUDÉS
- FLEXIBLE OMEGA

MATERIAL: AISI 316L – 1.4404
(*): rivestimento / covering / Überzug revêtement / revestimiento
AISI 304L – 1.4307
O-RING: EPDM nero - black - Schwarz - noir - negro

CODE	De mm	L1 mm	L2 mm	H1 mm	H2 mm	Z mm	g		€
199015001	15	275	165	165	200	20	245	1	**246,20**
199018001	18	350	170	170	215	20	290	1	**265,20**
199022001	22	380	195	195	236	21	450	1	**301,58**
199028001	28	410	230	230	260	23	615	1	**344,69**
199035001	35	460	255	255	300	26	1080	1	**452,37**
199042001	42	530	295	295	345	30	1455	1	**647,96**
199054001	54	625	370	370	410	35	2310	1	**917,45**

B 10 11





199/002

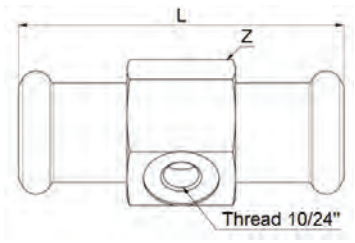
TUBO FLESSIBILE AD OMEGA

- U-BEND FLEXIBLE PIPE
- FLEXIBLES ECKSTÜCK ZUM EINPRESSEN
- TUBE FLEXIBLE RACCORDS COUDÉS
- FLEXIBLE OMEGA

MATERIAL: AISI 316L – 1.4404
(*): rivestimento / covering / Überzug revêtement / revestimiento
AISI 304L – 1.4307
O-RING: EPDM nero - black - Schwarz - noir - negro

CODE	De mm	L mm	Z mm	g		€
199015002	15	500	20	200	1	**182,52**
199018002	18	600	20	310	1	**195,62**
199022002	22	600	21	350	1	**231,46**
199028002	28	700	23	495	1	**244,21**
199035002	35	800	26	980	1	**327,37**
199042002	42	900	30	1280	1	**399,53**
199054002	54	1100	35	2060	1	**593,27**

B 10 11





195/007 U

ATTACCO NEBULIZZATORE

- NEBULIZER CONNECTION
- VERNEBLER-ANSCHLUSS
- CONNEXION NÉBULISEUR
- CONEXIÓN NEBULIZADOR

MATERIAL: AISI 316L – 1.4404
O-RING: EPDM nero - black - Schwarz - noir - negro

CODE	De mm	L mm	Z mm	Holes Nr.	g			€
195015017	15	60	24	1 x 10/24"	82	10	200	**20,57**
195015027	15	60	24	2 x 10/24"	80	10	200	**23,30**

B 10 11





195/N

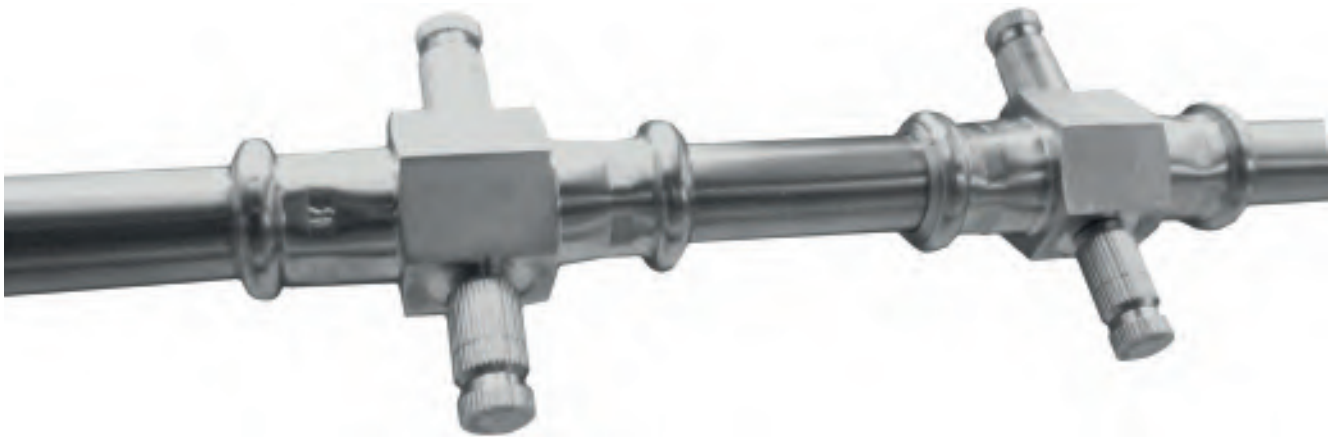
NEBULIZZATORE

- NEBULIZER
- VERNEBLER
- NÉBULISEUR
- NEBULIZADOR

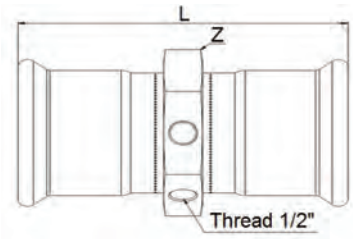
MATERIAL: AISI 304 – 1.4301
O-RING: NBR marrone – brown – Braun – brun – marrón

CODE	Hole µm	DN inch	L1 mm	D mm	L mm	g		€
195000015	15	10/24"	20	9,5	25	10	10	**61,17**
195000020	20	10/24"	20	9,5	25	10	10	**48,08**
195000030	30	10/24"	20	9,5	25	10	10	**38,89**
195000040	40	10/24"	20	9,5	25	10	10	**38,89**
195000050	50	10/24"	20	9,5	25	10	10	**38,89**

Esempio applicazione art. 195/007 U / *Art. 195/007 U application example*



195/007 U Impianti di nebulizzazione con tubazione Ø 15
Atomization systems with Ø 15 pipes





195/007

≤54 B 10 11
76÷108 B 10 12

ATTACCO MULTI STRUMENTO

- MULTIMETER CONNECTION
- MULTI-TOOL-ANSCHLUSS
- CONNEXION MULTI-OUTILLAGE
- CONEXIÓN MULTIPLE HERRAMIENTA

MATERIAL: AISI 316L – 1.4404
O-RING: EPDM nero – black – Schwarz – noir – negro

CODE	De mm	L mm	Z mm	Holes Nr.	g			€
195035007	35	128	60	3 x 1/2"	715	1	10	**122,83**
195042007	42	135	60	3 x 1/2"	645	1	10	**131,04**
195054007	54	135	74	3 x 1/2"	874	1	6	**153,84**
195076007	76,1	189	92	3 x 1/2"	1474	1	3	**345,72**
195088007	88,9	208	106	3 x 1/2"	1874	1	2	**403,34**
195108007	108	240	130	3 x 1/2"	2774	1	1	**470,12**

Con nº 2 tappi maschi ISO 228 per potere chiudere almeno 2 dei 3 attacchi disponibili da ½".
With nº 2 male caps ISO 228 to close at least 2 of the 3 available attacks of ½".
Mit n º 2 männlich Kappen ISO 228 mindestens 2 der 3 verfügbaren Angriffe von ½" zu schließen.
Avec n º 2 mâle casquettes ISO 228 pour fermer au moins 2 des 3 attaques disponibles de ½".
Con n º 2 casquillos macho ISO 228 para cerrar al menos 2 de los 3 ataques disponibles de ½".

Esempio applicazione art. 195/007 / *Art. 195/007 application example*



195/007 Attacco multi strumento (manometri, termometri, etc)
Multiple purpose instrument inlet (manometers, thermometers, etc.)

Certificazioni / Certifications

	DVGW	EDELSTAHLROHR "INOXPRES" – 1.4404	DV-7301BM 3426 (GW 541)	Ø 15 – 108 mm
	DVGW	PRODUKTE DER GASVERSORGUNG	DG-8531CL0163 (G 5614 / ZP4500)	Ø 15 – 108 mm
	ÖVGW	UNLÖSBARE ROHRVERBINDUNGEN FÜR METALLENE GASLEITUNGEN PRESSVERBINDER AUS EDELSTAHL FÜR EDELSTAHLROHRE = INOXPRES® GAS =	G 2.827 (QS-G 100, QS-G 314)	Ø 15 – 108 mm
	ÖVGW	UNLÖSBARE ROHRVERBINDUNGEN FÜR METALLENE GASLEITUNGEN PRESSVERBINDER AUS EDELSTAHL FÜR EDELSTAHLROHRE = INOXPRES® GAS =	G 2.827 (QS-G 100, QS-G 314)	Ø 15 – 108 mm
	SVGW	UNLÖSBARE ROHRVERBINDUNGEN PRESSVERBINDUNGS-SYSTEM AUS EDELSTAHL INOXPRES GAS	05-088-6 (G 5614)	Ø 15 – 54 mm
		RACCORDI A PRESSARE PER GAS – PLUMBING FITTINGS FOR GASES	CA06-00231	Ø 15 – 54 mm
		STAINLESS STEEL GAS PRESSFITTINGS FOR STAINLESS STEEL PIPES	C-16-3743-A	Ø 15 – 54 mm

Campi di applicazione / Fields of application

inoxPRES® GAS

Gas metano / GPL / Idrogeno
Natural gas / LPG / Hydrogen

inoxPRES® GAS **O-ring HNBR**

Giallo | Yellow | Gelb | Jaune | Amarillo



BIM
Libreria BIM per REVIT - BIM library for REVIT

SCOPRI LA GAMMA
inoxPRES® GAS
DISCOVER THE RANGE



I prezzi dei tubi sono validi fino a nuova comunicazione.
Pipe prices are valid until new update.
Die Rohrpreise gelten bis auf weiteres .
Les prix des tubes sont valables jusqu'à nouvelle communication.
Los precios de las tuberías son válidos hasta nueva comunicación.

116/200

≤54 B 30 31
76÷108 B 30 32

TUBO IN ACCIAIO INOSSIDABILE

- STAINLESS STEEL PIPE
- EDELSTAHL ROHR
- TUBE EN ACIER INOXYDABLE
- TUBO DE ACERO INOXIDABLE

NORM: EN 10217-7 (DIN 17455) - EN 10312

Mat. Nr.: 1.4404 (AISI 316L) L=6 m
Crudo - Not annealed - Ungeglüht - Non-hypertrempé - Crudo

CODE	Dimensions mm x mm	Ø int mm	L m	kg/m	Volume l/m	Minimum package m	Bundle m	€/m
116015200	15 x 1,0	13	6	0,351	0,133	60	1014	18,33
116018200	18 x 1,0	16	6	0,426	0,201	60	1014	20,84
116022200	22 x 1,2	19,6	6	0,625	0,302	60	762	29,05
116028200	28 x 1,2	25,6	6	0,805	0,514	30	546	36,65
116035200	35 x 1,5	32	6	1,258	0,804	30	546	55,38
116042200	42 x 1,5	39	6	1,521	1,194	30	366	66,16
116054200	54 x 1,5	51	6	1,972	2,042	30	366	84,98
116076200	76,1 x 2,0	72,1	6	3,711	4,080	6	114	152,61
116088200	88,9 x 2,0	84,9	6	4,352	5,660	6	114	176,66
116108200	108 x 2,0	104	6	5,308	8,490	6	114	217,30



I prezzi dei tubi sono validi fino a nuova comunicazione.
Pipe prices are valid until new update.
Die Rohrpreise gelten bis auf weiteres .
Les prix des tubes sont valables jusqu'à nouvelle communication.
Los precios de las tuberías son válidos hasta nueva comunicación.

116/300

≤54 B 30 31
76÷108 B 30 32

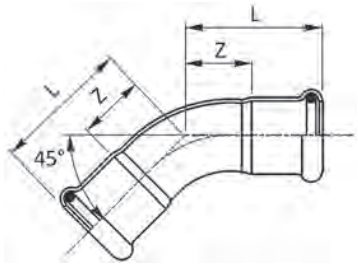
TUBO IN ACCIAIO INOSSIDABILE

- STAINLESS STEEL PIPE
- EDELSTAHL ROHR
- TUBE EN ACIER INOXYDABLE
- TUBO DE ACERO INOXIDABLE

NORM: EN 10217-7 (DIN 17455) - EN 10312

Mat. Nr.: 1.4404 (AISI 316L) L=6 m
Ricotto - Annealed - Geglüht - Hypertrempé - Recocido

CODE	Dimensions mm x mm	Ø int mm	L m	kg/m	Volume l/m	Minimum package m	Bundle m	€/m
116015300	15 x 1,0	13	6	0,351	0,133	60	1014	27,96
116018300	18 x 1,0	16	6	0,426	0,201	60	1014	30,04
116022300	22 x 1,2	19,6	6	0,625	0,302	60	762	40,31
116028300	28 x 1,2	25,6	6	0,805	0,514	30	546	49,45
116035300	35 x 1,5	32	6	1,258	0,804	30	546	72,87
116042300	42 x 1,5	39	6	1,521	1,194	30	366	87,38
116054300	54 x 1,5	51	6	1,972	2,042	30	366	110,80
116076300	76,1 x 2,0	72,1	6	3,711	4,080	6	114	184,81
116088300	88,9 x 2,0	84,9	6	4,352	5,660	6	114	216,87
116108300	108 x 2,0	104	6	5,308	8,490	6	114	266,16





181/450 G

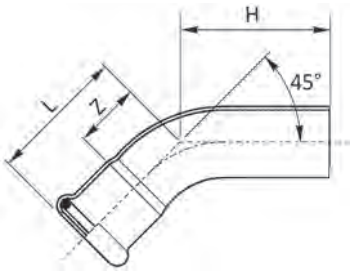
≤54 B 10 13
76÷108 B 10 14

CURVA 45° FF

- 45° ELBOW FF
- BOGEN 45° II
- COUDE FF 45°
- CURVA 45° HH

MATERIAL: AISI 316L – 1.4404
O-RING: HNBR giallo - yellow - Gelb - jaune - amarillo

CODE	De mm	Radius	L mm	Z mm	g			€
181015450CG	15	1,2 De	27,5	7,5	39	4	200	17,15
181018450CG	18	1,2 De	29,5	9,5	48	4	200	18,98
181022450CG	22	1,2 De	32	11	63	4	100	22,05
181028450CG	28	1,2 De	37	14	90	4	100	26,52
181035450G	35	1,2 De	43	17	127	1	40	31,35
181042450G	42	1,2 De	51	21	177	1	30	50,80
181054450G	54	1,2 De	62	30	273	1	20	65,20
181076450G	76,1	1,2 De	131,5	76,5	900	1	2	222,26
181088450G	88,9	1,2 De	144	84	1250	1	2	264,85
181108450G	108	1,2 De	169	94	1700	1	2	361,17





181/451 G

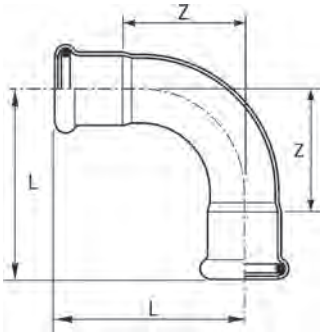
≤54 B 10 13
76÷108 B 10 14

CURVA 45° MF

- 45° ELBOW MF
- BOGEN 45° IA
- COUDE MF 45°
- CURVA 45° HM

MATERIAL: AISI 316L – 1.4404
O-RING: HNBR giallo - yellow - Gelb - jaune - amarillo

CODE	De mm	Radius	L mm	H mm	Z mm	g			€
181015451CG	15	1,2 De	27,5	36	7,5	38	4	200	17,15
181018451CG	18	1,2 De	29,5	38	9,5	47	4	200	18,36
181022451CG	22	1,2 De	32	42	11	63	4	100	20,81
181028451CG	28	1,2 De	37	46	14	90	4	100	24,76
181035451G	35	1,2 De	43	57,5	17	132	1	40	29,22
181042451G	42	1,2 De	51	72	21	196	1	30	48,94
181054451G	54	1,2 De	62	82	26	296	1	20	62,69
181076451G	76,1	1,2 De	131,5	149	76,5	900	1	2	203,93
181088451G	88,9	1,2 De	144	159	84	1250	1	2	243,43
181108451G	108	1,2 De	169	199	94	1700	1	2	332,48





181/900 G

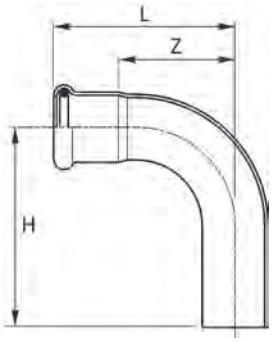
≤54 B 10 13
76÷108 B 10 14

CURVA 90° FF

- 90° ELBOW FF
- BOGEN 90° II
- COUDE FF 90°
- CURVA 90° HH

MATERIAL: AISI 316L – 1.4404
O-RING: HNBR giallo - yellow - Gelb - jaune - amarillo

CODE	De mm	Radius	L mm	Z mm	g			€
181015900CG	15	1,2 De	38	18	46	4	200	13,08
181018900CG	18	1,2 De	41,5	21,5	58	4	160	14,97
181022900CG	22	1,2 De	47	26	78	4	100	18,08
181028900CG	28	1,2 De	56	33	116	4	60	24,07
181035900G	35	1,2 De	68	42	162	1	40	39,02
181042900G	42	1,2 De	80	50	231	1	25	67,00
181054900G	54	1,2 De	100	64	367	1	18	93,47
181076900G	76,1	1,2 De	160	105	1150	1	2	226,15
181088900G	88,9	1,2 De	182	122	1580	1	2	275,08
181108900G	108	1,2 De	220	145	2250	1	2	375,21





181/901 G

≤54 B 10 13
76÷108 B 10 14

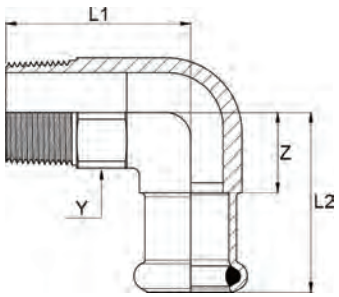
CURVA 90° MF

- 90° ELBOW MF
- BOGEN 90° IA
- COUDE MF 90°
- CURVA 90° HM

MATERIAL: AISI 316L – 1.4404
O-RING: HNBR giallo - yellow - Gelb - jaune - amarillo

CODE	De mm	Radius	L mm	H mm	Z mm	g			€
181015901CG	15	1,2 De	38	48	18	46	4	200	13,74
181018901CG	18	1,2 De	41,5	48,5	21,5	56	4	160	15,59
181022901CG	22	1,2 De	47	57	26	79	4	100	18,69
181028901CG	28	1,2 De	56	64	33	115	4	60	23,47
181035901G	35	1,2 De	68	82	42	176	1	40	35,71
181042901G	42	1,2 De	80	101	50	253	1	25	64,87
181054901G	54	1,2 De	100	120	64	390	1	18	93,99
181076901G	76,1	1,2 De	160	180	105	1150	1	2	232,57
181088901G	88,9	1,2 De	182	197	122	1580	1	2	282,95
181108901G	108	1,2 De	220	236	145	2250	1	2	385,93

B 10 13





197 G

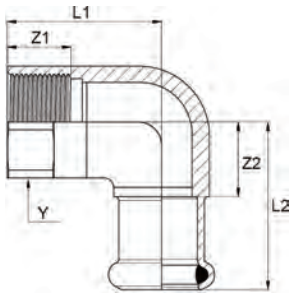
GOMITO MISTO 90° FILETTO M

- ELBOW ADAPTER 90° WITH MALE THREAD
- ÜBERGANGSWINKEL 90° AG
- EQUERRE 90° AVEC FILETAGE M
- CODO MACHO

MATERIAL: AISI 316L – 1.4404
O-RING: HNBR giallo - yellow - Gelb - jaune - amarillo
THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x R mm x inch	L1 mm	L2 mm	Z mm	Y mm	g			€
197102015G	15 x 1/2"	37	36	16	22	87	4	100	**27,73**
197102018G	18 x 1/2"	37	36	16	22	93	4	100	**31,73**
197304022G	22 x 3/4"	44	43	22	28	164	4	60	**40,66**
197304028G	28 x 3/4"	44	45	22	28	195	4	60	**54,23**
197100028G	28 x 1"	56	50	27	36	332	4	60	**54,75**
197114035G	35 x 1"1/4	63	76,5	50,5	46	476	1	40	**69,54**
197112042G	42 x 1"1/2	67,5	80	50	50	533	1	30	**117,05**
197200054G	54 x 2"	78,5	91,5	56	65	899	1	15	**148,67**

B 10 13





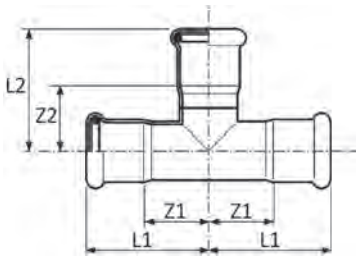
198 G

GOMITO MISTO 90° FILETTO F

- ELBOW ADAPTER 90° WITH FEMALE THREAD
- ÜBERGANGSWINKEL 90° IG
- EQUERRE 90° AVEC FILETAGE F
- CODO HEMBRA

MATERIAL: AISI 316L – 1.4404
O-RING: HNBR giallo - yellow - Gelb - jaune - amarillo
THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x Rp mm x inch	L1 mm	L2 mm	Z1 mm	Z2 mm	Y mm	g			€
198102015G	15 x 1/2"	33	36	15	16	24	92	4	100	**29,25**
198102018G	18 x 1/2"	33	36	15	16	24	99	4	100	**33,61**
198304022G	22 x 3/4"	38	43	19	22	30	154	4	60	**41,00**
198102028G	28 x 1/2"	33	39	15	16	24	126	4	60	**40,00**
198100028G	28 x 1"	48	50	21	27	38	309	4	60	**53,54**
198114035G	35 x 1"1/4	48	76,5	21	50,5	46	379	1	30	**88,22**
198112042G	42 x 1"1/2	51	80	21	50	50	390	1	25	**96,10**
198200054G	54 x 2"	66	92	26	56	65	749	1	10	**112,05**





182 G

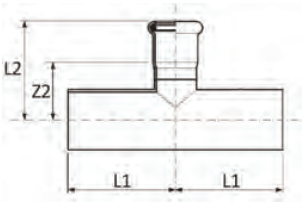
≤54 B 10 13
76÷108 B 10 14

"T"

- EQUAL TEE
- T-STÜCK
- TÉ ÉGAL
- TE IGUAL HHH

MATERIAL: AISI 316L – 1.4404
O-RING: HNBR giallo - yellow - Gelb - jaune - amarillo

CODE	De mm	L1 mm	L2 mm	Z1 mm	Z2 mm	g			€
182015000G	15	34	39	14	19	67	4	100	**23,96**
182018000G	18	37	41	16	21	80	4	100	**27,53**
182022000G	22	39	45	18	24	106	4	100	**28,98**
182028000G	28	44	50	21	27	145	4	60	**34,85**
182035000G	35	51	57	25	31	201	1	35	**43,42**
182042000G	42	59	65	28	35	260	1	20	**61,41**
182054000G	54	70	77	34	42	404	1	16	**73,22**
182076000G	76,1	108	118	53	63	1275	1	2	**424,47**
182088000G	88,9	132	131	72	71	1535	1	2	**464,75**
182108000G	108	155	160	80	85	2115	1	2	**572,83**





B 10 13

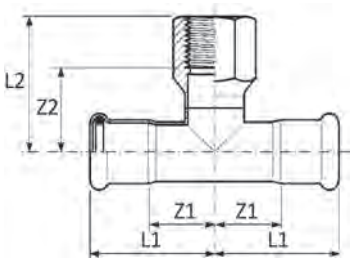
188 G

"T" RIDOTTO MFM

- REDUCING TEE MFM
- T-STÜCK MIT REDUZIERTEM ABGANG A/I/A
- TÉ RÉDUIT MFM
- TE REDUCIDA MHM

MATERIAL: AISI 316L – 1.4404
O-RING: HNBR giallo - yellow - Gelb - jaune - amarillo

CODE	De mm	L1 mm	L2 mm	Z2 mm	g			€
188028022G	28 x 22 x 28	52,5	47	26	138	4	48	**53,00**
188035022G	35 x 22 x 35	60	50,5	29,5	185	1	30	**59,85**
188035028G	35 x 28 x 35	60	53,5	30,5	193	1	30	**65,42**
188042028G	42 x 28 x 42	69	57	34	256	1	20	**72,61**
188054028G	54 x 28 x 28	73,5	64,5	41,5	334	1	16	**82,36**





189 G

≤54 B 10 13
76÷108 B 10 14

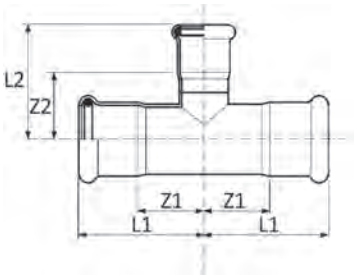
"T" CON DERIVAZIONE FILETTO F

- BRANCH TEE FEMALE BSP OUTLET
- T-STÜCK MIT ABGANG IG
- TÉ MIXTE AVEC FILETAGE F
- TE HEMBRA ROSCADA

MATERIAL: AISI 316L – 1.4404
O-RING: HNBR giallo – yellow – Gelb – jaune – amarillo
THREAD: EN 10226-1 (ex ISO 7/1)

CODE		De x Rp x De mm x inch x mm	L1 mm	L2 mm	Z1 mm	Z2 mm	g			€
189102015G	*	15 x 1/2" x 15	36,5	22,5	16,5	8,5	117	4	100	26,49
189102018G	*	18 x 1/2" x 18	36	24	16	10	128	4	100	27,15
189304018G	*	18 x 3/4" x 18	38,5	26	18,5	11	147	4	100	33,11
189102022G	*	22 x 1/2" x 22	39	26	18	12	159	4	100	29,05
189304022G	*	22 x 3/4" x 22	41,5	30	20,5	14	184	4	100	33,16
189102028G	*	28 x 1/2" x 28	44	29	21	15	217	4	80	31,97
189304028G	*	28 x 3/4" x 28	44	30	21	14	221	4	60	37,98
189102035G		35 x 1/2" x 35	51	51	25	36	197	1	35	38,32
189304035G		35 x 3/4" x 35	51	54	25	37	205	1	30	46,44
189102042G		42 x 1/2" x 42	59	54	29	39	271	1	25	47,44
189304042G		42 x 3/4" x 42	59	57	29	41	277	1	25	52,00
189102054G		54 x 1/2" x 54	70	61	34	46	377	1	14	57,37
189304054G		54 x 3/4" x 54	70	64	34	48	391	1	14	62,18
189200054G		54 x 2" x 54	70	81	34	55	838	1	10	122,37
189304076G		76,1 x 3/4" x 76,1	108	77	53	60	1040	1	2	371,50
189200076G		76,1 x 2" x 76,1	108	93	53	67	1495	1	2	406,23
189304088G		88,9 x 3/4" x 88,9	132	84	72	67	1255	1	2	400,76
189200088G		88,9 x 2" x 88,9	132	100	72	74	1720	1	2	421,84
189304108G		108 x 3/4" x 108	155	94	80	77	1700	1	2	491,18
189200108G		108 x 2" x 108	155	110	80	84	2160	1	2	520,71

(*) senza saldatura – seamless – nahtlos – sans soudure – sin soldadura





192 G

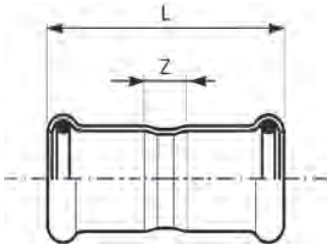
≤54 B 10 13
76÷108 B 10 14

"T" RIDOTTO

- REDUCING TEE
- T-STÜCK MIT REDUZIERTEM ABGANG
- TÉ RÉDUIT
- TE REDUCIDA HHH

MATERIAL: AISI 316L – 1.4404
O-RING: HNBR giallo - yellow - Gelb - jaune - amarillo

CODE	De mm	L1 mm	L2 mm	Z1 mm	Z2 mm	g			€
192018015G	18 x 15 x 18	37	41	16	21	80	4	100	**23,20**
192022015G	22 x 15 x 22	39	43	18	23	95	4	100	**24,27**
192022018G	22 x 18 x 22	39	44	18	23	98	4	100	**25,54**
192028015G	28 x 15 x 28	44	46	21	26	126	4	60	**28,87**
192028018G	28 x 18 x 28	44	46	21	26	130	4	60	**30,22**
192028022G	28 x 22 x 28	44	47	21	26	135	4	50	**32,23**
192035015G	35 x 15 x 35	51	49	25	29	158	1	40	**38,43**
192035018G	35 x 18 x 35	51	50	25	30	163	1	40	**38,19**
192035022G	35 x 22 x 35	51	51	25	30	167	1	40	**39,34**
192035028G	35 x 28 x 35	51	54	25	31	171	1	35	**40,95**
192042022G	42 x 22 x 42	59	54	29	33	237	1	20	**56,39**
192042028G	42 x 28 x 42	59	57	29	34	243	1	20	**57,71**
192042035G	42 x 35 x 42	59	61	29	35	272	1	20	**58,97**
192054022G	54 x 22 x 54	70	62	34	41	340	1	15	**63,54**
192054028G	54 x 28 x 54	70	65	34	42	345	1	15	**64,80**
192054035G	54 x 35 x 54	70	68	34	42	361	1	15	**66,09**
192054042G	54 x 42 x 54	70	72	34	42	376	1	15	**70,79**
192076054G	76,1 x 54 x 76,1	108	91	53	55	1065	1	2	**443,28**
192088028G	88,9 x 28 x 88,9	132	84	72	61	1225	1	2	**372,37**
192088054G	88,9 x 54 x 88,9	132	98	72	63	1280	1	2	**453,75**
192088076G	88,9 x 76,1 x 88,9	132	125	72	70	1485	1	2	**483,91**
192108028G	108 x 28 x 108	155	94	80	71	1670	1	2	**396,32**
192108076G	108 x 76,1 x 108	155	135	80	80	1930	1	2	**518,11**
192108088G	108 x 88,9 x 108	155	141	80	81	1965	1	2	**598,53**





183/000 G

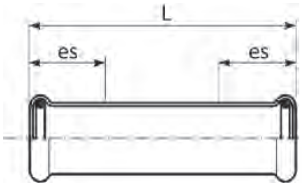
≤54 B 10 13
76÷108 B 10 14

MANICOTTO

- COUPLING
- MUFFE
- MANCHON
- MANGUITO HH

MATERIAL: AISI 316L – 1.4404
O-RING: HNBR giallo - yellow - Gelb - jaune - amarillo

CODE	De mm	L mm	Z mm	g			€
183015000G	15	49	9	35	4	200	9,20
183018000G	18	50	10	42	4	200	10,49
183022000G	22	53	11	54	4	200	12,07
183028000G	28	56	10	71	4	100	13,82
183035000G	35	63	10	97	1	50	17,48
183042000G	42	72	12	136	1	40	23,69
183054000G	54	83	13	198	1	30	29,33
183076000G	76,1	142	32	635	1	4	142,91
183088000G	88,9	166	46	765	1	4	163,26
183108000G	108	203	41	1170	1	2	207,61





183/001 G

≤54 B 10 13
76÷108 B 10 14

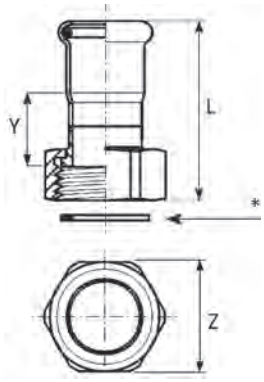
MANICOTTO PASSANTE

- SLIP COUPLING
- SCHIEBEMUFFE
- MANCHON LONG
- MANGUITO SIN TOPE

MATERIAL: AISI 316L – 1.4404
O-RING: HNBR giallo - yellow - Gelb - jaune - amarillo

CODE	De mm	L mm	es mm	g			€
183015001G	15	81	25	56	4	200	18,24
183018001G	18	81	25	66	4	200	19,03
183022001G	22	84,5	25	83	4	200	22,08
183028001G	28	92	30	114	4	100	27,69
183035001G	35	102,5	30	153	1	50	35,60
183042001G	42	117,5	40	217	1	40	44,35
183054001G	54	139	40	321	1	30	56,76
183076001G	76,1	230	60	940	1	2	400,53
183088001G	88,9	260	70	1240	1	2	455,09
183108001G	108	310	80	1835	1	2	562,97

B 10 13





183/002 G

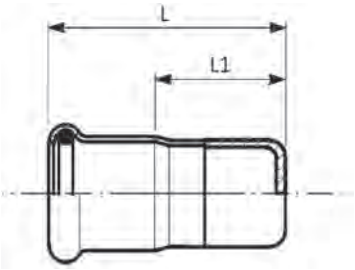
MANICOTTO CON DADO FOLLE

- VALVE CONNECTOR
- ANSCHLUSSVERSCHRAUBUNG
- RACCORD ÉCROU LIBRE
- RÁCOR DOS PIEZAS

MATERIAL: AISI 316L – 1.4404
O-RING: HNBR giallo - yellow - Gelb - jaune - amarillo
GASKET: (*): HNBR giallo - yellow - Gelb - jaune - amarillo
THREAD: ISO 228/1 (ex DIN 259)

CODE	De x G mm x inch	L mm	Z mm	Y mm	Gasket mm	g			€
183015012G	15 x 1/2"	48,5	27	23	18x10 thk 2,5	83	4	100	**27,39**
183015002G	15 x 3/4"	50	30	26	24x14 thk 2,5	66	4	120	**27,70**
183018012G	18 x 1/2"	49	27	23,5	18x10 thk 2,5	91	4	100	**30,31**
183018002G	18 x 3/4"	50	30	23	24x14 thk 2,5	65	4	100	**30,35**
183022012G	22 x 3/4"	50	30	19,5	24x14 thk 2,5	78	4	100	**35,61**
183022002G	22 x 1"	52	36	23	30x20 thk 2,5	87	4	100	**35,60**
183028012G	28 x 1"	52	36	19,5	30x20 thk 2,5	105	4	100	**44,16**
183028002G	28 x 1"1/4	57	46	25	39x27 thk 2,5	136	4	100	**44,16**
183035012G	35 x 1"1/4	57,5	46	20,5	39x27 thk 2,5	163	1	50	**50,14**
183035002G	35 x 1"1/2	63	52	26	44,5x34 thk 2,5	186	1	50	**50,14**
183042022G	42 x 1"1/2	63,5	52	21	44,5x34 thk 2,5	217	1	30	**67,65**
183042012G	42 x 1"3/4	68	58	27	50,5x40 thk 2,5	223	1	30	**67,65**
183042002G	42 x 2"	68	64	27	56x42 thk 2,5	266	1	30	**88,97**
183054022G	54 x 2"	72	67	23	56x42 thk 2,5	301	1	30	**81,48**
183054012G	54 x 2"3/8	77	75	30	65,5x53,5 thk 3	375	1	20	**91,00**
183054002G	54 x 2"1/2	77	81	30	71,5x53 thk 3	439	1	20	**127,20**

≤54 B 10 13
76÷108 B 10 14





183/003 G

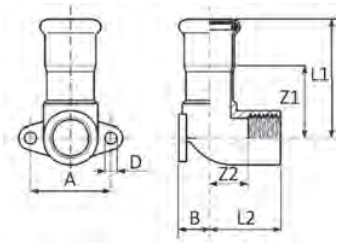
TAPPO DI CHIUSURA

- STOP END
- VERSCHLUSSKAPPE
- BOUCHON D'OBTURATION
- TAPÓN

MATERIAL: AISI 316L – 1.4404
O-RING: HNBR giallo - yellow - Gelb - jaune - amarillo

CODE	De mm	L mm	L1 mm	g			€
183015003G	15	26	5	26	4	200	**13,00**
183018003G	18	26	5	32	4	200	**13,54**
183022003G	22	27	5	43	4	200	**15,73**
183028003G	28	29	5	61	4	100	**21,64**
183035003G	35	52	26	95	1	50	**26,42**
183042003G	42	56	26	126	1	40	**37,91**
183054003G	54	62	27	185	1	35	**44,71**
183076003G	76,1	93	38	540	1	10	**99,89**
183088003G	88,9	102	42	654	1	10	**118,88**
183108003G	108	117	42	935	1	2	**156,43**

B 10 13





185/000 G

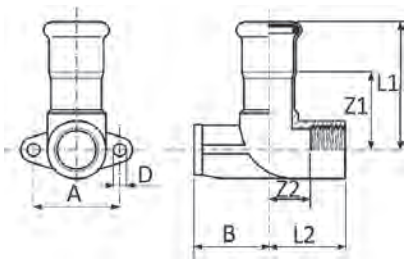
GOMITO MISTO 90° FF

- WALL PLATE ELBOW 90° FF
- DECKENWINKEL 90° I/I
- EQUERRE 90° FF
- CODO PLACA HH

MATERIAL: AISI 316L – 1.4404
O-RING: HNBR giallo - yellow - Gelb - jaune - amarillo
THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x Rp mm x inch	L1 mm	L2 mm	Z1 mm	Z2 mm	A mm	B mm	D mm	g			€
185102015G	15 x 1/2"	50	30	30	17	34	13	5	98	4	100	**32,67**
185102018G	18 x 1/2"	51	30	31	17	34	13	5	109	4	100	**33,87**
1853040226	22 x 3/4"	55	34	34	19	40	17	6	166	4	100	**48,67**

B 10 13





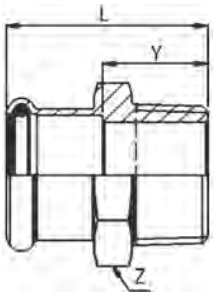
185/001 G

GOMITO MISTO 90° FF CON DISTANZIALE

- EXTENSION WALL PLATE ELBOW 90° FF
- DECKENWINKEL 90°/W - I/I
- EQUERRE 90° FF AVEC SUPPORT D'AVENCEMENT
- CODO PLACA HH CON ESPACIADOR

MATERIAL: AISI 316L – 1.4404
O-RING: HNBR giallo - yellow - Gelb - jaune - amarillo
THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x Rp mm x inch	L1 mm	L2 mm	Z1 mm	Z2 mm	A mm	B mm	D mm	g			€
185100122G	22 x 1"	59	35	38	15	50	30	6,5	252	4	48	**54,09**
185100128G	28 x 1"	62	35	39	15	50	30	6,5	264	4	48	**54,09**





187 G

≤54 B 10 13
76÷108 B 10 14

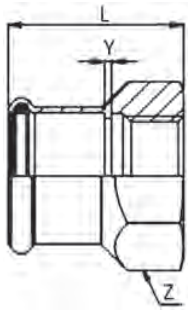
MANICOTTO MISTO FILETTO M

- MALE ADAPTER
- ÜBERGANGSSTÜCK MIT AG
- RACCORD AVEC FILETAGE MALE
- UNIÓN MACHO

MATERIAL: AISI 316L – 1.4404
O-RING: HNBR giallo - yellow - Gelb - jaune - amarillo
THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x R mm x inch	L mm	Z mm	Y mm	g			€
187308015G	15 x 3/8"	38	24	18	58.0	4	200	**22,43**
187102015G	15 x 1/2"	41	24	21	107.0	4	200	**23,18**
187304015G	15 x 3/4"	43	30	23	60.0	4	200	**23,56**
187102018G	18 x 1/2"	41	27	21	99.0	4	200	**25,24**
187304018G	18 x 3/4"	44	30	24	86.0	4	100	**25,88**
187102022G	22 x 1/2"	42	32	21	88.0	4	100	**27,43**
187304022G	22 x 3/4"	44	32	23	156.0	4	100	**28,44**
187100022G	22 x 1"	46	36	25	118.0	4	100	**33,80**
187304028G	28 x 3/4"	47	38	24	129.0	4	100	**38,53**
187100028G	28 x 1"	48	38	25	269.0	4	100	**40,96**
187114028G	28 x 1"1/4	53	46	30	170.0	4	48	**50,09**
187100035G	35 x 1"	52	45	25	201.0	1	50	**46,58**
187114035G	35 x 1"1/4	55	46	28	296.0	1	50	**54,13**
187112035G	35 x 1"1/2	55	50	28	263.0	1	50	**63,85**
187114042G	42 x 1"1/4	59	55	28	256.0	1	40	**72,55**
187112042G	42 x 1"1/2	59	55	28	371.0	1	40	**78,68**
187112054G	54 x 1"1/2	65	65	29	391.0	1	40	**105,02**
187200054G	54 x 2"	71	65	35	362.0	1	32	**110,54**
187212076G	76,1 x 2"1/2	98	83	43	769.0	1	8	**466,01**
187300088G	88,9 x 3"	111	98	51	1218.0	1	4	**696,26**
187400108G	108 x 4"	132	118	57	1842.0	1	2	**801,54**

B 10 13





190 G

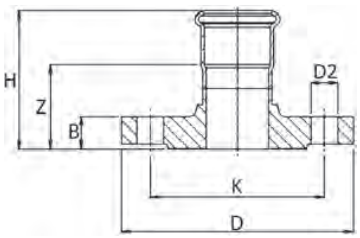
MANICOTTO MISTO FILETTO F

- FEMALE ADAPTER
- ÜBERGANGSSTÜCK MIT IG
- RACCORD AVEC FILETAGE FEMELLE
- UNIÓN HEMBRA

MATERIAL: AISI 316L – 1.4404
O-RING: HNBR giallo - yellow - Gelb - jaune - amarillo
THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x Rp mm x inch	L mm	Z mm	Y mm	g			€
190102015G	15 x 1/2"	38	27	2	63.0	4	100	24,97
190304015G	15 x 3/4"	39	32	2	76.0	4	100	26,07
190102018G	18 x 1/2"	38	27	2	65.0	4	100	26,34
190304018G	18 x 3/4"	39	32	2	77.0	4	100	27,55
190102022G	22 x 1/2"	39	32	2	99.0	4	100	27,98
190304022G	22 x 3/4"	40	32	2	79.0	4	100	32,81
190100022G	22 x 1"	43	41	2	142.0	4	100	38,76
190304028G	28 x 3/4"	42	38	2	129.0	4	100	37,45
190100028G	28 x 1"	45	41	2	139.0	4	100	51,30
190114028G	28 x 1"1/4	48	46	2	143.0	4	60	57,00
190100035G	35 x 1"	49	46	2	207.0	1	50	49,37
190114035G	35 x 1"1/4	52	46	2	156.0	1	40	55,96
190112035G	35 x 1"1/2	52	55	2	237.0	1	40	64,01
190114042G	42 x 1"1/4	56	55	2	309.0	1	40	63,32
190112042G	42 x 1"1/2	56	55	2	243.0	1	40	87,25
190112054G	54 x 1"1/2	60	65	1	438.0	1	30	95,03
190200054G	54 x 2"	65	65	2	317.0	1	25	129,91

≤54 B 10 13
76÷108 B 10 14





PN 16

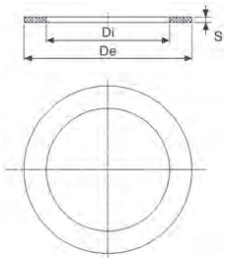
193 G

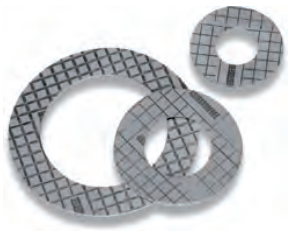
MANICOTTO FLANGIATO

- ADAPTOR FLANGE
- ÜBERGANGSFLANSCH
- BRIDE DE RACCORDEMENT
- BRIDA ADAPTADOR

MATERIAL: AISI 316L – 1.4404
O-RING: HNBR giallo - yellow - Gelb - jaune - amarillo

CODE	De mm	DN flg	H mm	Z mm	B mm	D mm	D2 mm	Holes Nr.	K mm	g			€
193015000G	15	15	55	35	14	95	14	4	65	660	1	20	103,48
193018000G	18	15	55,5	35,5	14	95	14	4	65	660	1	20	106,38
193022000G	22	20	58,5	37,5	16	105	14	4	75	945	1	14	123,70
193028000G	28	25	61,5	38,5	16	115	14	4	85	1140	1	10	151,27
193035000G	35	32	65,5	39,5	16	140	18	4	100	1640	1	6	213,46
193042000G	42	40	69	39	16	150	18	4	110	1800	1	6	250,48
193054000G	54	50	78	42	18	165	18	4	125	2450	1	4	308,85
193076000G	76,1	65	105	50	18	185	18	4	145	3184	1	2	505,22
193088000G	88,9	80	116	56	20	200	18	8	160	3950	1	2	602,80
193108000G	108	100	132	57	20	220	18	8	180	4729	1	2	717,60





R 30 30

434/PN10-16 GAS

GUARNIZIONE ECOLOGICA PER FLANGE

- GASKET FOR FLANGE
- FLANSCHDICHTUNG
- JOINT POUR BRIDE
- JUNTA ECOLÓGICA PARA BRIDA

PN 10/16

MATERIAL: NA 1100 - asbestos free
NORM: EN 1092-1

CODE	DN	De mm	Di mm	S mm	g		€
4340150000G	15 - (1/2")	50	20	2	6	10	**2,84**
4340200000G	20 - (3/4")	60	25	2	8	10	**3,55**
4340250000G	25 - (1")	70	30	2	10	10	**4,55**
4340320000G	32 - (1"1/4)	82	38	2	14	10	**5,54**
4340400000G	40 - (1"1/2)	92	45	2	17	10	**7,40**
4340500000G	50 - (2")	108	57	2	22	10	**9,11**
4340650000G	65 - (2"1/2)	127	76	2	27	10	**11,79**
4340800000G	80 - (3")	142	89	2	30	10	**14,13**
4341000000G	100 - (4")	162	108	2	38	10	**16,60**

NA 1100 - esente amianto: fibre di carbonio e grafite legate con gomma NBR indicata per uso universale con alte temperature e pressioni elevate.
IMPIEGHI: adatta per la tenuta con i derivati del petrolio, acqua, vapori saturi, solventi, gas e prodotti chimici in generale
LIMITI DI IMPIEGO ORIENTATIVI
Standard 250°C / 70 bar
Vapore saturo 250°C / 40 bar
Massimi 450°C / 130 bar
OMOLOGAZIONI: DVGW per tenuta gas secondo DIN 3535 p. 6 - KTW per guarnizioni a contatto con acqua potabile

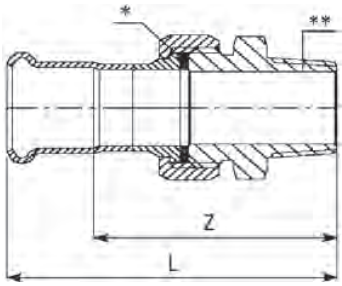
NA 1100 - asbestos-free: carbon fibers and graphite bonded with NBR rubber suitable for universal use with high temperatures and high pressures.
APPLICATIONS: suitable for sealing with petroleum derivatives, water, saturated steam, solvents, gases and chemical products in general.
GUIDELINE LIMITS
Standard 250° C / 70 bar
Saturated steam 250° C / 40 bar
Maximum 450° C / 130 bar
APPROVALS: DVGW for gas -DIN 3535 p. 6 - KTW for gaskets in contact with drinking water

B 10 13

184/002 G

BOCCHETTONE SEDE PIANA FILETTO M

- STRAIGHT MALE UNION CONNECTOR
- DURCHGANGSVERSCHRAUBUNG MIT AUSSENGEWINDE
- RACCORD UNION FILETÉ
- RÁCOR 3 PIEZAS ROSCADO MACHO





MATERIAL: AISI 316L – 1.4404
FITTING: (**): ottone - brass - Messing - laiton - latón
O-RING: HNBR giallo - yellow - Gelb - jaune - amarillo
GASKET: (*): HNBR giallo - yellow - Gelb - jaune - amarillo
THREAD: EN 10226-1 (ex ISO 7/1)

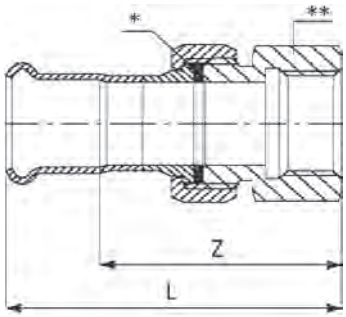
CODE	De x R mm x inch	L mm	Z mm	Gasket mm	g			€
184015002G	15 x 1/2"	77	56	24x14 thk 2,5	142	4	140	49,05
184018002G	18 x 1/2"	77	56	24x14 thk 2,5	144	4	120	55,83
184022122G	22 x 1/2"	79	54	30x20 thk 2,5	199	4	80	57,49
184022002G	22 x 3/4"	81	59	30x20 thk 2,5	202	4	80	57,49
184028342G	28 x 3/4"	87	64	39x27 thk 2,5	370	4	48	94,12
184028002G	28 x 1"	90	67	39x27 thk 2,5	364	4	48	94,12
184035002G	35 x 1"1/4	101	74	44,5x34 thk 2,5	540	1	35	120,09
184042002G	42 x 1"1/2	105	74	50,5x40 thk 2,5	563	1	25	137,90
184054002G	54 x 2"	118	83	65,5x53,5 thk 3	823	1	20	236,90

B 10 13

184/003 G

BOCCHETTONE SEDE PIANA FILETTO F

- STRAIGHT FEMALE UNION CONNECTOR
- DURCHGANGSVERSCHRAUBUNG MIT INNENGEWINDE
- RACCORD UNION TARAUDÉ
- RÁCOR 3 PIEZAS HEMBRA





MATERIAL: AISI 316L – 1.4404
FITTING: (**): ottone - brass - Messing - laiton - latón
O-RING: HNBR giallo - yellow - Gelb - jaune - amarillo
GASKET: (*): HNBR giallo - yellow - Gelb - jaune - amarillo
THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x Rp mm x inch	L mm	Z mm	Gasket mm	g			€
184015003G	15 x 1/2"	71	50	24x14 thk 2,5	140	4	140	49,05
184018003G	18 x 1/2"	72	51	24x14 thk 2,5	145	4	100	59,09
184022123G	22 x 1/2"	75	54	30x20 thk 2,5	253	4	80	64,22
184022003G	22 x 3/4"	76	54	30x20 thk 2,5	213	4	80	64,22
184028343G	28 x 3/4"	83	60	39x27 thk 2,5	483	4	48	81,16
184028003G	28 x 1"	83	60	39x27 thk 2,5	404	4	48	81,16
184035003G	35 x 1"1/4	93	66	44,5x34 thk 2,5	486	1	30	100,60
184042003G	42 x 1"1/2	97	66	50,5x40 thk 2,5	536	1	25	125,02
184054003G	54 x 2"	116	81	65,5x53,5 thk 3	1091	1	20	238,50

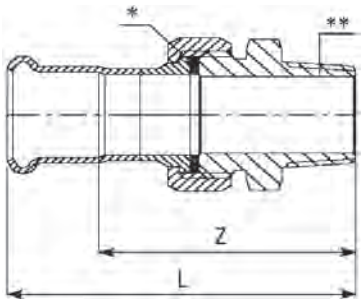
B 10 13

184/002 INOX G

BOCCHETTONE SEDE PIANA FILETTO M

- STRAIGHT MALE UNION CONNECTOR
- DURCHGANGSVERSCHRAUBUNG MIT AUSSENGEWINDE
- RACCORD UNION FILETÉ
- RÁCOR 3 PIEZAS ROSCADO MACHO

MATERIAL: AISI 316L – 1.4404
FITTING: (**): AISI 316L – 1.4404
O-RING: HNBR giallo - yellow - Gelb - jaune - amarillo
GASKET: (*): HNBR giallo - yellow - Gelb - jaune - amarillo
THREAD: EN 10226-1 (ex ISO 7/1)





CODE	De x R mm x inch	L mm	Z mm	Gasket mm	g			€
184015002IG	15 x 1/2"	77	56	24x14 thk 2,5	137	4	140	**61,29**
184018002IG	18 x 1/2"	77	56	24x14 thk 2,5	139	4	120	**69,77**
184022002IG	22 x 3/4"	81	59	30x20 thk 2,5	194	4	80	**71,86**
184028002IG	28 x 1"	90	67	39x27 thk 2,5	350	4	48	**117,65**
184035002IG	35 x 1"1/4	101	74	44,5x34 thk 2,5	518	1	35	**150,14**

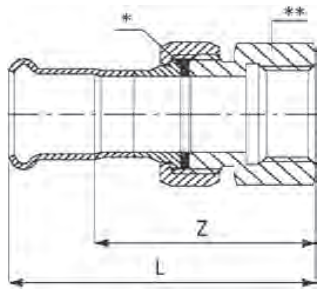
B 10 13

184/003 INOX G

BOCCHETTONE SEDE PIANA FILETTO F

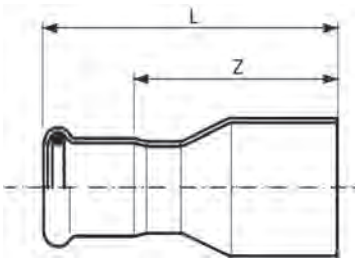
- STRAIGHT FEMALE UNION CONNECTOR
- DURCHGANGSVERSCHRAUBUNG MIT INNENGEWINDE
- RACCORD UNION TARAUDÉ
- RÁCOR 3 PIEZAS HEMBRA

MATERIAL: AISI 316L – 1.4404
FITTING: (**): AISI 316L – 1.4404
O-RING: HNBR giallo - yellow - Gelb - jaune - amarillo
GASKET: (*): HNBR giallo - yellow - Gelb - jaune - amarillo
THREAD: EN 10226-1 (ex ISO 7/1)





CODE	De x Rp mm x inch	L mm	Z mm	Gasket mm	g			€
184015003IG	15 x 1/2"	71	50	24x14 thk 2,5	135	4	140	**61,29**
184018003IG	18 x 1/2"	72	51	24x14 thk 2,5	140	4	100	**73,88**
184022003IG	22 x 3/4"	76	54	30x20 thk 2,5	206	4	80	**80,34**
184028003IG	28 x 1"	83	60	39x27 thk 2,5	387	4	48	**101,45**
184035003IG	35 x 1"1/4	93	66	44,5x34 thk 2,5	467	1	30	**125,80**





191 G

≤54 B 10 13
76÷108 B 10 14

RIDUZIONE MF

- REDUCER
- REDUZIERSTÜCK
- REDUCTION
- REDUCCIÓN MH

MATERIAL: AISI 316L – 1.4404
O-RING: HNBR giallo - yellow - Gelb - jaune - amarillo

CODE	De mm	L mm	Z mm	g			€
191018015G	18 x 15	57	37	35	4	200	10,66
191022015G	22 x 15	64	44	43	4	200	12,48
191022018G	22 x 18	60	40	47	4	200	12,87
191028015G	28 x 15	76,5	56,5	50	4	148	16,18
191028018G	28 x 18	68	48	63	4	100	14,11
191028022G	28 x 22	65	44	66	4	100	14,05
191035015G	35 x 15	87	67	89	1	50	51,73
191035018G	35 x 18	81	61	87	1	50	52,37
191035022G	35 x 22	70	49	90	1	50	44,25
191035028G	35 x 28	71	48	98	1	50	34,08
191042015G	42 x 15	91	71	111	1	50	53,50
191042018G	42 x 18	92	72	114	1	50	53,65
191042022G	42 x 22	97	76	120	1	50	55,55
191042028G	42 x 28	93	70	130	1	50	56,80
191042035G	42 x 35	81	55	138	1	40	37,03
191054015G	54 x 15	103	83	158	1	40	59,34
191054018G	54 x 18	103	83	162	1	40	59,42
191054022G	54 x 22	104	83	169	1	40	62,61
191054028G	54 x 28	108,5	85,5	180	1	40	65,14
191054035G	54 x 35	108	82	193	1	35	81,12
191054042G	54 x 42	97,5	67,5	210	1	30	39,41
191076054G	76,1 x 54	159	124	529	1	4	123,59
191088054G	88,9 x 54	179	144	683	1	4	134,47
191088076G	88,9 x 76,1	186	131	813	1	4	182,70
191108054G	108 x 54	185	150	831	1	2	144,93
191108076G	108 x 76,1	209	154	1022	1	2	188,11
191108088G	108 x 88,9	210	150	1107	1	2	209,50



185/CON

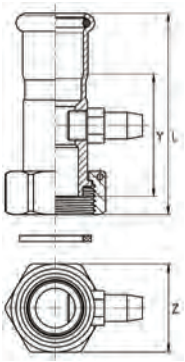
B 10 13

PIASTRA SUPPORTO CONTATORE

- SUPPORT PLATE FOR GAS METER
- GASZÄHLERANSCHLUSS-GRUNDPLATTE
- SUPPORT DE COMPTEUR À GAZ
- SOPORTE CONTADOR DA GAS

CODE	Dimensions mm x mm	g		€
185000CONG	90 x 345 x 12 mm	535	1	44,45

B 10 13





183/GP G

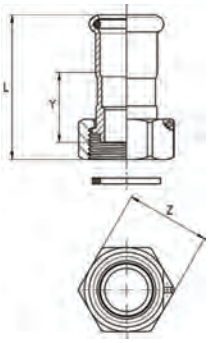
RACCORDO 2 PEZZI CON PRESA DI PRESSIONE

- 2 PCS VALVE CONNECTOR PRESSION OUTLET
- ANSCHLU.2P/DRUCKAUSGANG
- RACCORD 2P AVEC SORTIE PRESSION
- RÁCOR 2P PRECINTABLE C/PURGADOR

MATERIAL: AISI 316L – 1.4404
O-RING: HNBR giallo - yellow - Gelb - jaune - amarillo
GASKET: NBR giallo - yellow - Gelb - jaune - amarillo
THREAD: ISO 228/1 (ex DIN 259)

CODE	De x G mm x inch	L mm	Z mm	Y mm	g		€
183015304GP	15 x 3/4"	70	29	44	112	4	**54,22**
183015708GP	15 x 7/8"	74	34	47	160	4	**61,54**
183018304GP	18 x 3/4"	70	29	44,5	114	4	**55,27**
183018708GP	18 x 7/8"	74,5	34	47,5	156	4	**62,54**
183022304GP	22 x 3/4"	69,5	29	43	120	4	**57,01**
183022708GP	22 x 7/8"	73,5	34	45,5	149	4	**63,96**

B 10 13





183/GD G

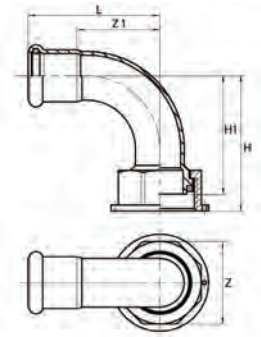
RACCORDO 2 PEZZI CON DADO FOLLE

- 2 PCS VALVE CONNECTOR
- ANSCHLUSSVERSCHRAUBUNG
- RACCORD 2 PC/ÉCROU LIBRE
- RÁCOR 2P PRECINTABLE

MATERIAL: AISI 316L – 1.4404
O-RING: HNBR giallo - yellow - Gelb - jaune - amarillo
GASKET: NBR giallo - yellow - Gelb - jaune - amarillo
THREAD: ISO 228/1 (ex DIN 259)

CODE	De x G mm x inch	L mm	Z mm	Y mm	g		€
183015020GD	15 x M20	51	24	24	54	4	**36,47**
183015102GD	15 x 1/2"	49	24	24	53	4	**35,62**
183018102GD	18 x 1/2"	48	24	23,5	56	4	**36,65**
183018304GD	18 x 3/4"	52	29	27,5	74	4	**40,94**
183018708GD	18 x 7/8"	55	34	28	98	4	**55,50**
183022304GD	22 x 3/4"	51,5	29	26	79	4	**42,69**
183022708GDA	22 x 7/8"	56,5	34	28,5	108	4	**47,00**
183028708GDA	28 x 7/8"	57	34	27	116	4	**49,25**
183028100GD	28 x 1"	58	36	28	119	4	**50,99**
183035114GD	35 x 1"1/4	62,5	45	28,5	180	1	**59,99**
183042112GD	42 x 1"1/2	73	52	33	266	1	**75,16**
183054200GD	54 x 2"	81	64	34,5	417	1	**96,77**

B 10 13





183/GC G

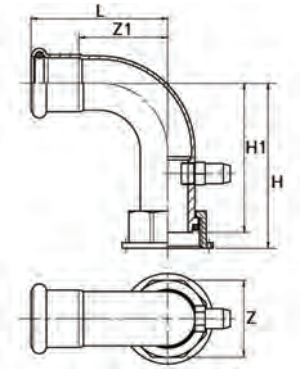
RACCORDO CURVO 90° 2 PEZZI

- 2 PCS VALVE CONNECTOR 90°
- ANSCHLUSSVERSCHRAUBUNG 90°
- RACCORD ÉCROU LIBRE 90° 2PC
- RÁCOR 90° 2P PRECINTABLE

MATERIAL: AISI 316L – 1.4404
O-RING: HNBR giallo - yellow - Gelb - jaune - amarillo
GASKET: NBR giallo - yellow - Gelb - jaune - amarillo
THREAD: ISO 228/1 (ex DIN 259)

CODE	De x G mm x inch	L mm	Z mm	Z1 mm	H mm	H1 mm	g		€
183018708GC	18 x 7/8"	41,6	34	21,6	56,5	48,5	120	4	**71,44**
183022708GC	22 x 7/8"	47	34	26	62	54	141	4	**69,44**

B 10 13





183/GCP G

RACCORDO CURVO 90° 2 PEZZI CON PRESA PRESSIONE

- 2 PCS VALVE CONNECTOR 90° PRESSION OUTLET
- ANSCHLUSSVERSCHRAUBUNG 90° MIT DRUCKAUSGANG
- RACCORD ÉCROU LIBRE 90° 2PC AVEC SORTIE PRESSION
- RÁCOR 90° 2P PRECINTABLE C/PURGADOR

MATERIAL: AISI 316L – 1.4404
O-RING: HNBR giallo - yellow - Gelb - jaune - amarillo
GASKET: NBR giallo - yellow - Gelb - jaune - amarillo
THREAD: ISO 228/1 (ex DIN 259)

CODE	De x G mm x inch	L mm	Z mm	Z1 mm	H mm	H1 mm	g		€
183018708GCP	18 x 7/8"	41,6	34	21,6	76	68	167	4	**79,03**
183022708GCP	22 x 7/8"	47	34	26	79	72	171	4	**85,27**



Campi di applicazione / Fields of application

inoxPRES SILICONE HT FREE

Aria compressa
Compressed air

Ossigeno industriale O_2
Industrial oxygen O_2

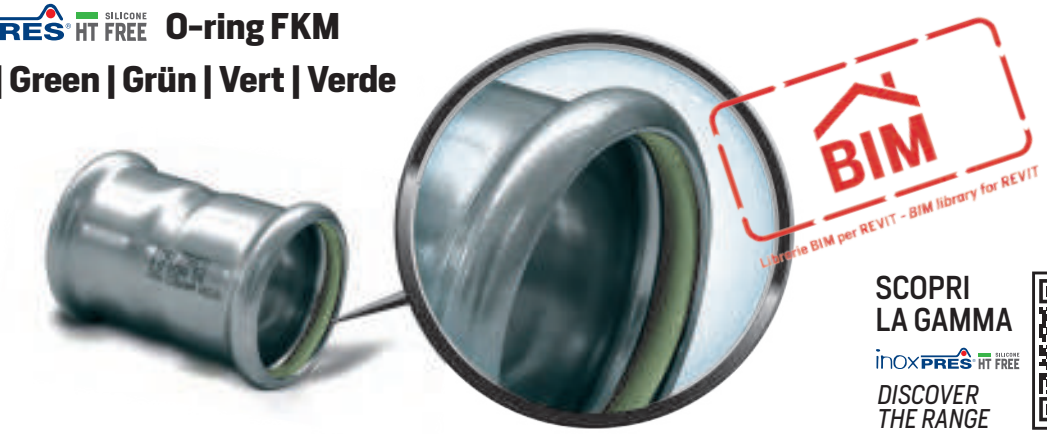
Ozono O_3
Ozone O_3

Solare termico
Thermal solar

Olio / gasolio
Oil / diesel fuel

inoxPRES SILICONE HT FREE **O-ring FKM**

Verde | Green | Grün | Vert | Verde



SCOPRI LA GAMMA
inoxPRES HT FREE
DISCOVER THE RANGE

Applicazioni industriali — **O-ring FKM verde**	**Industrial applications** — **Green FKM O-Ring**
Aria compressa	Compressed air
Ossigeno industriale O_2 (no alimentare/ospedaliero)	Industrial Oxygen O_2 (no food/hospital)
Ozono O_3	Ozone O_3
Solare termico P max 6 bar; T max 220°C	Thermal solar P max 6 bar; T max 220°C
Olio / Gasolio	Oil/diesel fuel
Utilizzare solo tubazioni "ricotte". Eventuali altre veicolazioni di fluidi particolari, devono essere valutate dall'ufficio tecnico di RM.	**Only "annealed" pipes can be used.** Any other vehiculation of special fluids, must be evaluated from RM technical office.

FOCUS ON

SILICONE FREE

IT	I componenti del sistema Inoxpres HT risultano sgrassati: • in classe E sulla base del livello dei residui di sostanze volatili misurati in accordo allo standard ASTM F331-05; • in classe D sulla base del livello dei residui di sostanze volatili misurati in accordo allo standard ASTM G 144-01; (test report JOB ID 147 del 09/03/2017) Gli o-ring FKM del sistema di raccordi a pressare: • sono stati testati con Spettrofotometria ad infrarosso (FT-IR): non si è rilevata presenza di silicone (test report RA160100 del 15/04/2016)
EN	The components of Inoxpres HT system are degreased: • Class E on the basis of the level of residues of volatile substances measured in accordance with ASTM F331-05 standards; • Class D on the basis of the volatile residues level measured in accordance with ASTM G 144-01 standards; (Test reports JOB ID 147 - 09.03.2017) The FKM O-rings of press fitting system: • are tested with infrared spectrophotometry (FT-IR): It has not detected the presence of silicon (Test report RA160100 - 15.04.2016)
DE	Die Komponenten des Inoxpres HT Systems sind entfettet: • Klasse E auf der Grundlage des Rückstands an flüchtigen Stoffen, gemessen nach ASTM F331-05-Standard; • Klasse D auf der Basis des flüchtigen Rückstandsniveaus, gemessen nach ASTM G 144-01 Standard; (Prüfberichte JOB ID 147 - 09.03.2017) Die FKM O-Ringe für Pressfitting: • werden mit Infrarotspektrophotometrie (FT-IR) getestet: Es wurde das Vorhandensein von Silikon nicht nachgewiesen (Prüfbericht RA160100 - 15.04.2016)
FR	Les composants du système Inoxpres HT sont dégraissés: • Classe E sur la base du niveau des résidus de substances volatiles mesuré selon la norme ASTM F331-05; • Classe D sur la base du niveau des résidus de substances volatiles mesuré selon la norme ASTM G 144-01; (Rapports d'essai JOB ID 147 - 09/03/2017) Les joints FKM des systèmes de raccords à sertir: • sont testés avec spectrophotométrie infrarouge (FT-IR): Il n'a pas détecté la présence de silicone (Rapports d'essai RA160100 - 15.04.2016)
ES	Los componentes del sistema HT Inoxpres están desengrasados según: • Clase E: La medida del nivel de residuos de sustancias volátiles conforme a la norma ASTM F331-05; • Clase D: La medida del nivel de residuos de sustancias volátiles conforme a la norma ASTM G 144-01; (Informes de prueba N.º de trabajo 147, 09/03/2017) Las juntas tóricas FKM del sistema prensado: • Se han comprobado con una espectrofotometría infrarroja (FT-IR): No se ha detectado la presencia de silicona. (Informes de prueba RA160100 de 15.04.2016)

Gamma dimensionale / Product range **ø 15 ÷ 54 mm**
A richiesta / On demand **ø 76,1 ÷ 108 mm**

Altre figure possono essere fornite “a richiesta”
Other figures can be provided “on demand”
Andere Bilder kann “auf Anfrage” vorgesehen sein
D’autres figures peuvent être fournis “sur demande”
Otras figuras pueden ser proporcionadas “bajo demanda”



I prezzi dei tubi sono validi fino a nuova comunicazione.
Pipe prices are valid until new update.
Die Rohrpreise gelten bis auf weiteres .
Les prix des tubes sont valables jusqu'à nouvelle communication.
Los precios de las tuberías son válidos hasta nueva comunicación.

116/300 6 m

≤54 B 30 31
76÷108 B 30 32

TUBO IN ACCIAIO INOSSIDABILE

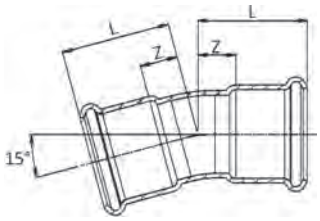
- STAINLESS STEEL PIPE
- EDELSTAHL ROHR
- TUBE EN ACIER INOXYDABLE
- TUBO DE ACERO INOXIDABLE

NORM: EN 10217-7 (DIN 17455) - EN 10312

Mat. Nr.: 1.4404 (AISI 316L) L=6 m
Ricotto - Annealed - Geglüht - Hypertrempé - Recocido

CODE	Dimensions mm x mm	ø int mm	L m	kg/m	Volume l/m	Minimum package m	Bundle m	€/m
116015300	15 x 1,0	13	6	0,351	0,133	60	1014	**27,96**
116018300	18 x 1,0	16	6	0,426	0,201	60	1014	**30,04**
116022300	22 x 1,2	19,6	6	0,625	0,302	60	762	**40,31**
116028300	28 x 1,2	25,6	6	0,805	0,514	30	546	**49,45**
116035300	35 x 1,5	32	6	1,258	0,804	30	546	**72,87**
116042300	42 x 1,5	39	6	1,521	1,194	30	366	**87,38**
116054300	54 x 1,5	51	6	1,972	2,042	30	366	**110,80**
116076300	76,1 x 2,0	72,1	6	3,711	4,080	6	114	**184,81**
116088300	88,9 x 2,0	84,9	6	4,352	5,660	6	114	**216,87**
116108300	108 x 2,0	104	6	5,308	8,490	6	114	**266,16**

Per sistema silicone free, utilizzare solo tubo Inoxpres ricotto.
For silicone free system, only the annealed Inoxpres pipes must be used.
Für System freies Silikon, nur geglüht Inoxpres Rohre verwendet werden müssen.
Pour le système exempt de silicone, seuls les tuyaux hypertrempé Inoxpres doivent être utilisés.
Para el sistema libre de silicona, se deben utilizar ùnicamente tuberías recocida Inoxpres.





NEW

181/150 HT

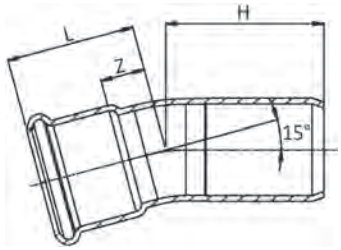
≤54 B 10 16
76÷108 B 10 19

CURVA 15° FF

- 15° ELBOW FF
- BOGEN 15° II
- COUDE FF 15°
- CURVA 15° HH

MATERIAL: AISI 316L – 1.4404
O-RING: FKM verde - green - Grün - vert - verde
TYPE: esente silicone - silicon free Siliconfrei - sans silicone libre de silicona

CODE	De mm	L mm	Z mm	g			€
181018150HT	15	30	10	50	1	300	**23,47**
181042150HT	42	42	12	175	1	40	**56,68**
181054150HT	54	49	12	268	1	20	**72,79**
181076150CHT	76,1	87,5	32,5	777	2	2	**271,45**
181088150CHT	88,9	100,5	40,5	1032	2	2	**323,44**





NEW

181/151 HT

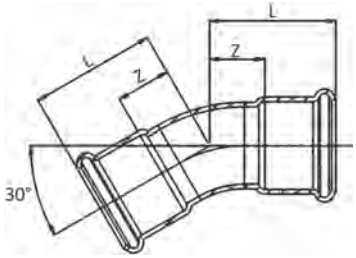
≤54 B 10 16
76÷108 B 10 19

CURVA 15° MF

- 15° ELBOW MF
- BOGEN 15° IA
- COUDE MF 15°
- CURVA 15° HM

MATERIAL: AISI 316L – 1.4404
O-RING: FKM verde - green - Grün - vert - verde
TYPE: esente silicone - silicon free Siliconfrei - sans silicone libre de silicona

CODE	De mm	L mm	H mm	Z mm	g			€
181042151HT	42	42	55,5	12	135	1	40	**54,59**
181054151HT	54	49	55	13	293	1	20	**69,99**
181088151CHT	88,9	100,5	108,5	40,5	988	2	2	**297,32**
181108151CHT	108	109,5	118	34,5	1332	2	2	**406,04**





NEW

181/300 HT

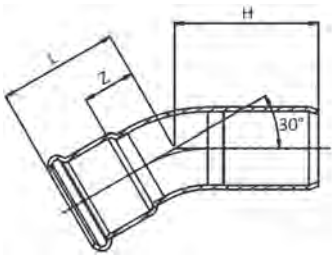
≤54 B 10 16
76÷108 B 10 19

CURVA 30° FF

- 30° ELBOW FF
- BOGEN 30° II
- COUDE FF 30°
- CURVA 30° HH

MATERIAL: AISI 316L – 1.4404
O-RING: FKM verde - green - Grün - vert - verde
TYPE: esente silicone - silicon free Siliconfrei - sans silicone libre de silicona

CODE	De mm	L mm	Z mm	g			€
181018300HT	18	32	12	52	1	300	23,47
181022300HT	22	37	16	82	1	100	27,24
181028300HT	28	41	18	112	1	100	32,81
181035300HT	35	37	11	123	1	60	39,26
181042300HT	42	44	14	175	1	40	56,68
181054300HT	54	52	17	268	1	20	72,79
181076300HT	76,1	100	45	900	2	2	271,45
181088300HT	88,9	115	64	1250	2	2	323,44
181108300HT	108	127	68	1700	2	2	441,00





NEW

181/301 HT

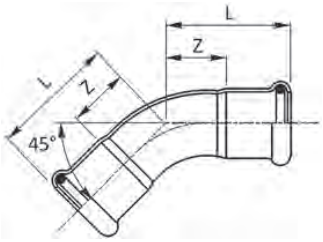
≤54 B 10 16
76÷108 B 10 19

CURVA 30° MF

- 30° ELBOW MF
- BOGEN 30° IA
- COUDE MF 30°
- CURVA 30° HM

MATERIAL: AISI 316L – 1.4404
O-RING: FKM verde - green - Grün - vert - verde
TYPE: esente silicone - silicon free Siliconfrei - sans silicone libre de silicona

CODE	De mm	L mm	H mm	Z mm	g			€
181054301HT	54	52	63	17	293	1	20	69,99
181076301HT	76,1	100	108	54	900	2	2	249,06
181088301HT	88,9	115	123	64	1250	2	2	297,32
181108301HT	108	127	136	68	1700	2	2	406,04





181/450 HT

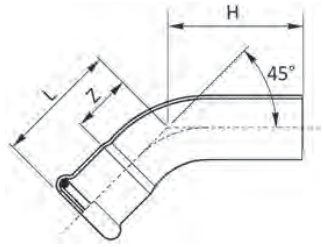
≤54 B 10 16
76÷108 B 10 19

CURVA 45° FF

- 45° ELBOW FF
- BOGEN 45° II
- COUDE FF 45°
- CURVA 45° HH

MATERIAL: AISI 316L – 1.4404
O-RING: FKM verde - green - Grün - vert - verde
TYPE: esente silicone - silicon free Siliconfrei - sans silicone libre de silicona

CODE	De mm	Radius	L mm	Z mm	g		€
181015450CHT	15	1,2 De	27,5	7,5	39	1	17,44
181018450CHT	18	1,2 De	29,5	9,5	48	1	19,27
181022450CHT	22	1,2 De	32	11	63	1	22,40
181028450CHT	28	1,2 De	37	14	90	1	26,93
181035450HT	35	1,2 De	43	17	127	1	31,85
181042450HT	42	1,2 De	51	21	177	1	51,58
181054450HT	54	1,2 De	62	30	273	1	66,20
NEW 181076450HT	76,1	1,2 De	131,5	76,5	900	2	222,26
NEW 181088450HT	88,9	1,2 De	144	84	1250	2	264,83
NEW 181108450HT	108	1,2 De	169	94	1700	2	361,13





181/451 HT

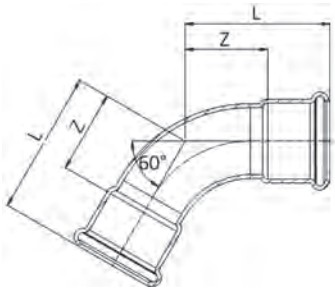
≤54 B 10 16
76÷108 B 10 19

CURVA 45° MF

- 45° ELBOW MF
- BOGEN 45° IA
- COUDE MF 45°
- CURVA 45° HM

MATERIAL: AISI 316L – 1.4404
O-RING: FKM verde - green - Grün - vert - verde
TYPE: esente silicone - silicon free Siliconfrei - sans silicone libre de silicona

CODE	De mm	Radius	L mm	H mm	Z mm	g		€
181015451CHT	15	1,2 De	27,5	36	7,5	38	1	17,44
181018451CHT	18	1,2 De	29,5	38	9,5	47	1	18,64
181022451CHT	22	1,2 De	32	42	11	63	1	21,14
181028451CHT	28	1,2 De	37	46	14	90	1	25,14
181035451HT	35	1,2 De	43	57,5	17	132	1	29,65
181042451HT	42	1,2 De	51	72	21	196	1	49,71
181054451HT	54	1,2 De	62	82	26	296	1	63,66
NEW 181076451HT	76,1	1,2 De	131,5	149	76,5	900	2	203,94
NEW 181088451HT	88,9	1,2 De	144	159	84	1250	2	243,45
NEW 181108451HT	108	1,2 De	169	199	94	1700	2	332,50





NEW

181/600 HT

≤54 B 10 16
76÷108 B 10 19

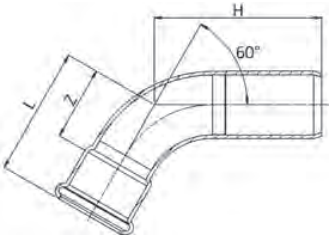
CURVA 60° FF

- 60° ELBOW FF
- BOGEN 60° II
- COUDE FF 60°
- CURVA 60° HH

MATERIAL: AISI 316L – 1.4404
O-RING: FKM verde - green - Grün - vert - verde
TYPE: esente silicone - silicon free Siliconfrei - sans silicone libre de silicona

CODE	De mm	L mm	Z mm	g			€
181022600HT	22	36	15	68	1	100	**27,24**
181028600HT	28	42	19	98	1	100	**32,81**
181035600HT	35	50	24	141	1	60	**39,26**
181042600HT	42	59	29	204	1	40	**56,68**
181054600HT	54	72,5	37	313	1	20	**72,79**
181088600HT	88,9	162	102	1517	2	2	**323,44**

B 10 16





NEW

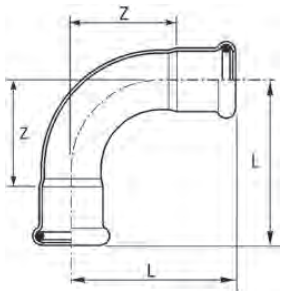
181/601 HT

CURVA 60° MF

- 60° ELBOW MF
- BOGEN 60° IA
- COUDE MF 60°
- CURVA 60° HM

MATERIAL: AISI 316L – 1.4404
O-RING: FKM verde - green - Grün - vert - verde
TYPE: esente silicone - silicon free Siliconfrei - sans silicone libre de silicona

CODE	De mm	L mm	H mm	Z mm	g			€
181028601HT	28	42	51	19	98	1	100	**30,58**





181/900 HT

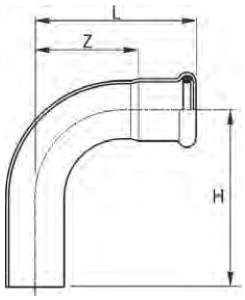
≤54 B 10 16
76÷108 B 10 19

CURVA 90° FF

- 90° ELBOW FF
- BOGEN 90° II
- COUDE FF 90°
- CURVA 90° HH

MATERIAL: AISI 316L – 1.4404
O-RING: FKM verde - green - Grün - vert - verde
TYPE: esente silicone - silicon free Siliconfrei - sans silicone libre de silicona

CODE	De mm	Radius	L mm	Z mm	g		€
181015900CHT	15	1,2 De	38	18	46	1	13,29
181018900CHT	18	1,2 De	41,5	21,5	58	1	15,20
181022900CHT	22	1,2 De	47	26	78	1	18,35
181028900CHT	28	1,2 De	56	33	116	1	24,43
181035900HT	35	1,2 De	68	42	162	1	39,60
181042900HT	42	1,2 De	80	50	231	1	68,03
181054900HT	54	1,2 De	100	64	367	1	94,92
NEW 181076900HT	76,1	1,2 De	160	105	1150	2	226,11
NEW 181088900HT	88,9	1,2 De	182	122	1580	2	275,08
NEW 181108900HT	108	1,2 De	220	145	2250	2	375,20





181/901 HT

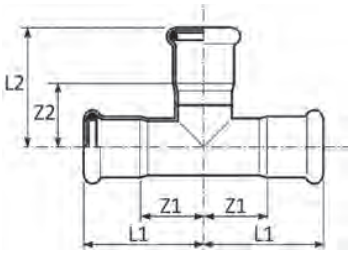
≤54 B 10 16
76÷108 B 10 19

CURVA 90° MF

- 90° ELBOW MF
- BOGEN 90° IA
- COUDE MF 90°
- CURVA 90° HM

MATERIAL: AISI 316L – 1.4404
O-RING: FKM verde - green - Grün - vert - verde
TYPE: esente silicone - silicon free Siliconfrei - sans silicone libre de silicona

CODE	De mm	Radius	L mm	H mm	Z mm	g		€
181015901CHT	15	1,2 De	38	48	18	46	1	13,94
181018901CHT	18	1,2 De	41,5	48,5	21,5	56	1	15,85
181022901CHT	22	1,2 De	47	57	26	79	1	19,00
181028901CHT	28	1,2 De	56	64	33	115	1	23,84
181035901HT	35	1,2 De	68	82	42	176	1	36,28
181042901HT	42	1,2 De	80	101	50	253	1	65,86
181054901HT	54	1,2 De	100	120	64	390	1	95,46
NEW 181076901HT	76,1	1,2 De	160	180	105	1150	2	232,61
NEW 181088901HT	88,9	1,2 De	182	197	122	1580	2	282,92
NEW 181108901HT	108	1,2 De	220	236	145	2250	2	385,94





182 HT

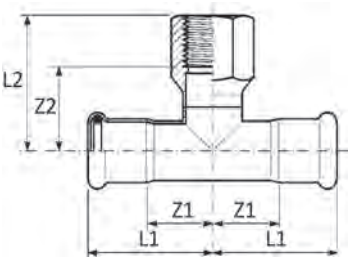
≤54 B 10 16
76÷108 B 10 19

"T"

- EQUAL TEE
- T-STÜCK
- TÉ ÉGAL
- TE IGUAL HHH

MATERIAL: AISI 316L – 1.4404
O-RING: FKM verde - green - Grün - vert - verde
TYPE: esente silicone - silicon free Siliconfrei - sans silicone libre de silicona

CODE	De mm	L1 mm	L2 mm	Z1 mm	Z2 mm	g		€
182015000HT	15	34	39	14	19	67	1	24,31
182018000HT	18	37	41	16	21	80	1	27,98
182022000HT	22	39	45	18	24	106	1	29,42
182028000HT	28	44	50	21	27	145	1	35,38
182035000HT	35	51	57	25	31	201	1	44,10
182042000HT	42	59	65	28	35	260	1	62,39
182054000HT	54	70	77	34	42	404	1	74,34
NEW 182076000HT	76,1	108	118	53	63	1275	2	424,46
NEW 182088000HT	88,9	132	131	72	71	1535	2	464,75
NEW 182108000HT	108	155	160	80	85	2115	2	572,83





189 HT

≤54 B 10 16
76÷108 B 10 19

"T" CON DERIVAZIONE FILETTO F

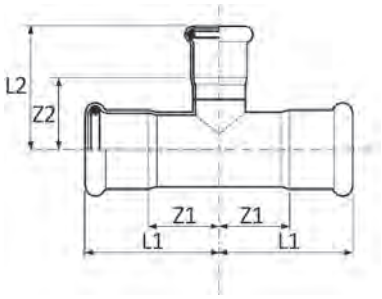
- BRANCH TEE FEMALE BSP OUTLET
- T-STÜCK MIT ABGANG IG
- TÉ MIXTE AVEC FILETAGE F
- TE HEMBRA ROSCADA

MATERIAL: AISI 316L – 1.4404
O-RING: FKM verde - green - Grün - vert - verde
TYPE: esente silicone - silicon free Siliconfrei - sans silicone libre de silicona
THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x Rp x De mm x inch x mm	L1 mm	L2 mm	Z1 mm	Z2 mm	g		€
189102015HT*	15 x 1/2" x 15	36,5	22,5	16,5	8,5	117	1	26,89
189102018HT*	18 x 1/2" x 18	36	24	16	10	128	1	27,61
189102022HT*	22 x 1/2" x 22	39	26	18	12	159	1	29,52
189304022HT*	22 x 3/4" x 22	41,5	30	20,5	14	184	1	33,69
189102028HT*	28 x 1/2" x 28	44	29	21	15	217	1	32,46
189304028HT*	28 x 3/4" x 28	44	30	21	14	221	1	38,58
NEW 189102035HT	35 x 1/2" x 35	51	51	25	36	197	1	39,00
189100035HT	35 x 1" x 35	51	47	22	28	250	1	75,39
NEW 189102042HT	42 x 1/2" x 42	59	54	29	39	271	1	48,28
189100042HT	42 x 1" x 42	59	60	29	41	346	1	82,60
189102054HT	54 x 1/2" x 54	70	61	34	46	377	1	58,26
189304054HT	54 x 3/4" x 54	70	64	34	48	391	1	63,12
189200054HT	54 x 2" x 54	70	81	34	55	838	1	124,26
NEW 189304076HT	76,1 x 3/4" x 76,1	108	77	53	60	1040	2	371,49

(*) senza saldatura - seamless - nahtlos - sans soudure - sin soldadura

≤54 B 10 16
76÷108 B 10 19





192 HT

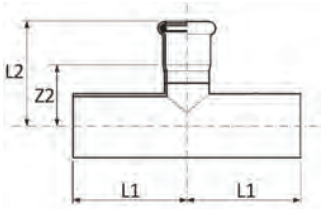
"T" RIDOTTO

- REDUCING TEE
- T-STÜCK MIT REDUZIERTEM ABGANG
- TÉ RÉDUIT
- TE REDUCIDA HHH

MATERIAL: AISI 316L – 1.4404
O-RING: FKM verde - green - Grün - vert - verde
TYPE: esente silicone - silicon free Siliconfrei - sans silicone libre de silicona

	CODE	De mm	L1 mm	L2 mm	Z1 mm	Z2 mm	g		€
	192018015HT	18 x 15 x 18	36,5	41	15,5	21	80	1	23,55
NEW	192022015HT	22 x 15 x 22	39	43	18	23	95	1	24,72
	192022018HT	22 x 18 x 22	39	44	18	23	98	1	25,92
NEW	192028018HT	28 x 18 x 28	44	46	21	26	130	1	30,78
	192028022HT	28 x 22 x 28	44	47	21	26	135	1	32,74
NEW	192035018HT	35 x 18 x 35	51	50	25	30	163	1	38,81
	192035022HT	35 x 22 x 35	51	51	25	30	167	1	39,95
	192035028HT	35 x 28 x 35	51	54	25	31	171	1	41,57
NEW	192042018HT	42 x 18 x 42	59	54	29	34	232	1	55,46
NEW	192042022HT	42 x 22 x 42	59	54	29	33	237	1	57,39
	192042028HT	42 x 28 x 42	59	57	29	34	243	1	58,60
	192042035HT	42 x 35 x 42	59	61	29	35	272	1	59,87
NEW	192054018HT	54 x 18 x 54	70	61	34	41	335	1	62,05
NEW	192054028HT	54 x 28 x 54	70	65	34	42	345	1	65,93
	192054035HT	54 x 35 x 54	70	68	34	42	361	1	67,11
	192054042HT	54 x 42 x 54	70	72	34	42	376	1	71,89
NEW	192076022HT	76,1 x 22 x 76,1	108	74	53	53	995	2	331,96
NEW	192076028HT	76,1 x 28 x 76,1	108	77	53	54	1015	2	358,86
NEW	192076042HT	76,1 x 42 x 76,1	108	84	53	54	1045	2	416,28
NEW	192076054HT	76,1 x 54 x 76,1	108	91	53	55	1065	2	443,27
NEW	192088054HT	88,9x 54 x 88,9	132	98	72	63	1280	2	453,75
NEW	192108076HT	108x 76,1 x 108	155	135	80	80	1930	2	518,12

B 10 16





NEW

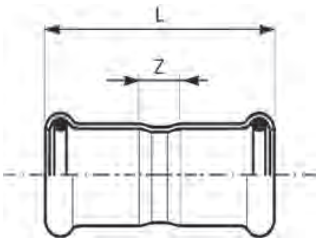
188 HT

"T" RIDOTTO MFM

- REDUCING TEE MFM
- T-STÜCK MIT REDUZIERTEM ABGANG A/I/A
- TÉ RÉDUIT MFM
- TE REDUCIDA MHM

MATERIAL: AISI 316L – 1.4404
O-RING: FKM verde - green - Grün - vert - verde
TYPE: esente silicone - silicon free Siliconfrei - sans silicone libre de silicona

CODE	De mm	L1 mm	L2 mm	Z2 mm	g			€
188054028HT	54 x 28 x 54	73,5	64,5	41,5	334	1	16	83,78





183/000 HT

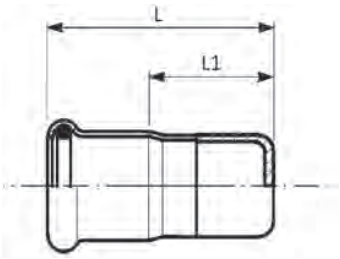
≤54 B 10 16
76÷108 B 10 19

MANICOTTO

- COUPLING
- MUFFE
- MANCHON
- MANGUITO HH

MATERIAL: AISI 316L – 1.4404
O-RING: FKM verde - green - Grün - vert - verde
TYPE: esente silicone - silicon free Siliconfrei - sans silicone libre de silicona

CODE	De mm	L mm	Z mm	g		€
183015000HT	15	49	9	35	1	9,36
183018000HT	18	50	10	42	1	10,66
183022000HT	22	53	11	54	1	12,26
183028000HT	28	56	10	71	1	14,05
183035000HT	35	63	10	97	1	17,75
183042000HT	42	72	12	136	1	24,07
183054000HT	54	83	13	198	1	29,82
NEW 183076000HT	76,1	142	32	635	2	143,07
NEW 183088000HT	88,9	166	46	765	2	163,48





183/003 HT

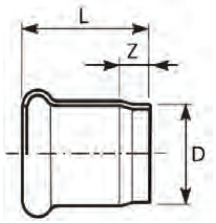
B 10 16

TAPPO DI CHIUSURA

- STOP END
- VERSCHLUSSKAPPE
- BOUCHON D'OBTURATION
- TAPÓN

MATERIAL: AISI 316L – 1.4404
O-RING: FKM verde - green - Grün - vert - verde
TYPE: esente silicone - silicon free Siliconfrei - sans silicone libre de silicona

CODE	De mm	L mm	L1 mm	g		€
183015003HT	15	26	5	26	1	13,21
183018003HT	18	26	5	32	1	13,75
183022003HT	22	27	5	43	1	15,98
183028003HT	28	29	5	61	1	21,98
183035003HT	35	52	26	95	1	26,82
183042003HT	42	56	26	126	1	38,49
183054003HT	54	62	27	185	1	45,40





NEW

187/R HT

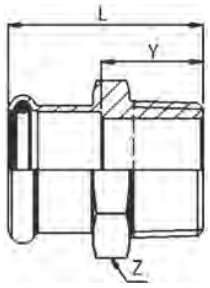
≤54 B 10 16
76÷108 B 10 19

MEZZO MANICOTTO A SALDARE

- HALF WELDING COUPLING
- HALBE LAENGE SCHWEISSMUFFE
- DEMI MANCHON À SOUDER
- MEDIO MANGUITO PARA SOLDAR

MATERIAL: AISI 316L – 1.4404
O-RING: FKM verde – green – Grün – vert – verde
TYPE: esente silicone – silicon free Siliconfrei – sans silicone libre de silicona

CODE	De mm	D mm	L mm	Z mm	g			€
187042000RHT	42	44	41	11	74	1	50	17,10
187054000RHT	54	56	48	12	104	1	50	17,89
187108000RHT	108	108	100	25	614	4	4	148,67





B 10 16

187 HT

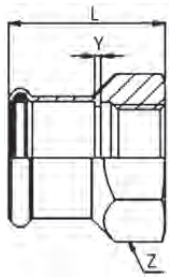
MANICOTTO MISTO FILETTO M

- MALE ADAPTER
- ÜBERGANGSSTÜCK MIT AG
- RACCORD AVEC FILETAGE MALE
- UNIÓN MACHO

MATERIAL: AISI 316L – 1.4404
O-RING: FKM verde – green – Grün – vert – verde
TYPE: esente silicone – silicon free Siliconfrei – sans silicone libre de silicona
THREAD: EN 10226-1 (ex ISO 7/1)

	CODE	De x R mm x inch	L mm	Z mm	Y mm	g		€
NEW	187308015HT	15 x 3/8"	38	24	18	48.0	1	19,28
	187102015HT	15 x 1/2"	41	24	21	58.0	1	23,54
	187102018HT	18 x 1/2"	41	27	21	60.0	1	25,63
	187102022HT	22 x 1/2"	42	32	21	86.0	1	27,86
	187304022HT	22 x 3/4"	44	32	23	88.0	1	28,87
	187100022HT	22 x 1"	46	36	25	156.0	1	34,33
	187304028HT	28 x 3/4"	47	38	24	118.0	1	39,13
	187100028HT	28 x 1"	48	38	25	129.0	1	41,59
	187114035HT	35 x 1"1/4	55	46	28	201.0	1	54,98
NEW	187114042HT	42 x 1"1/4	59	55	28	263.0	1	73,79
	187112042HT	42 x 1"1/2	59	54	28	256.0	1	79,90
NEW	187112054HT	54 x 1"1/2	65	65	29	371.0	1	92,92
	187200054HT	54 x 2"	71	65	35	391.0	1	112,24

B 10 16





190 HT

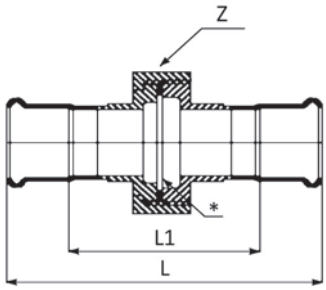
MANICOTTO MISTO FILETTO F

- FEMALE ADAPTER
- ÜBERGANGSSTÜCK MIT IG
- RACCORD AVEC FILETAGE FEMELLE
- UNIÓN HEMBRA

MATERIAL: AISI 316L – 1.4404
O-RING: FKM verde - green - Grün - vert - verde
TYPE: esente silicone - silicon free Siliconfrei - sans silicone libre de silicona
THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x Rp mm x inch	L mm	Z mm	Y mm	g		€
190102015HT	15 x 1/2"	38	27	2	63.0	1	25,35
190102018HT	18 x 1/2"	38	27	2	65.0	1	26,74
190304022HT	22 x 3/4"	40	32	2	79.0	1	33,32
NEW 190102028HT	28 x 1/2"	45	41	2	156.0	1	38,08
190304028HT	28 x 3/4"	42	38	2	129.0	1	38,03
190100028HT	28 x 1"	45	41	2	139.0	1	52,09
190114035HT	35 x 1"1/4	52	46	2	156.0	1	56,81
190112042HT	42 x 1"1/2	56	55	2	243.0	1	88,62
190200054HT	54 x 2"	65	65	2	317.0	1	131,92

B 10 16





NEW

184/001 HT

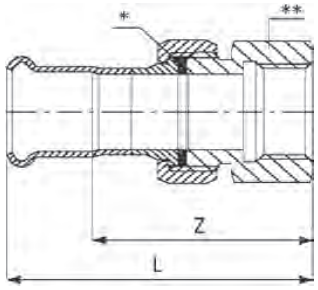
BOCCHETTONE SEDE PIANA

- FLAT FACED UNION
- DURCHGANGSVERSCHRAUBUNG MIT PRESSENDEN FLACHDICHTEND
- ÉLÉMENT DE TRANSITION FILTÉ PLAT AVEC MANCHONS DES 2 CÔTES
- RÁCOR 3 PIEZAS PLANO

MATERIAL: AISI 316L – 1.4404
O-RING: FKM verde - green - Grün - vert - verde
TYPE: esente silicone - silicon free Siliconfrei - sans silicone libre de silicona
GASKET: (*): FKM verde - green - Grün - vert - verde

CODE	De mm	L mm	L1 mm	Z mm	Gasket mm	g			€
184018001HT	18	97	57	39	30x20 thk 3	187	1	100	60,88

B 10 16





NEW

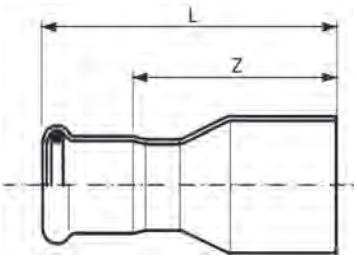
184/003 INOX HT

BOCCHETTONE SEDE PIANA FILETTO F

- STRAIGHT FEMALE UNION CONNECTOR
- DURCHGANGSVERSCHRAUBUNG MIT INNENGEWINDE
- RACCORD UNION TARAUDÉ
- RÁCOR 3 PIEZAS HEMBRA

MATERIAL: AISI 316L – 1.4404
FITTING: (**): AISI 316L – 1.4404
O-RING: FKM verde - green - Grün - vert - verde
TYPE: esente silicone - silicon free Siliconfrei - sans silicone libre de silicona
GASKET: (*): FKM verde - green - Grün - vert - verde
THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x Rp mm x inch	L mm	Z mm	Gasket mm	g			€
184028003IHT	28 x 1"	83	60	39x27 thk 3	387	1	40	98,88





≤54 B 10 16
76÷108 B 10 19

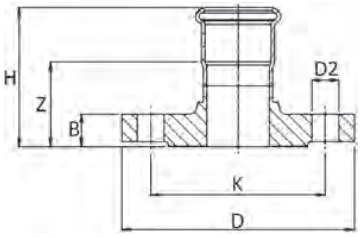
191 HT

RIDUZIONE MF

- REDUCER
- REDUZIERSTÜCK
- REDUCTION
- REDUCCIÓN MH

MATERIAL: AISI 316L – 1.4404
O-RING: FKM verde - green - Grün - vert - verde
TYPE: esente silicone - silicon free Siliconfrei - sans silicone libre de silicona

	CODE	De mm	L mm	Z mm	g		€
	191018015HT	18 x 15	57	37	35	1	10,82
	191022018HT	22 x 18	60	60	47	1	12,21
	191028015HT	28 x 15	56,5	76,5	50	1	16,43
NEW	191028018HT	28 x 18	68	48	63	1	14,35
	191028022HT	28 x 22	65	44	66	1	14,26
NEW	191035018HT	35 x 18	81	61	87	1	53,26
NEW	191035022HT	35 x 22	70	49	90	1	44,84
	191035028HT	35 x 28	71	48	98	1	34,61
NEW	191042018HT	42 x 18	92	72	114	1	54,60
NEW	191042028HT	42 x 28	93	70	130	1	57,81
	191042035HT	42 x 35	81	55	138	1	37,66
NEW	191054018HT	54 x 18	103	83	162	1	60,46
NEW	191054035HT	54 x 35	108	82	193	1	82,54
	191054042HT	54 x 42	97,5	67,5	210	1	40,01
NEW	191076042HT	76,1 x 42	149	119	471	4	120,94
NEW	191076054HT	76,1 x 54	159	124	529	4	123,62
NEW	191088054HT	88,9 x 54	179	144	683	4	134,47
NEW	191088076HT	88,9 x 76,1	186	131	813	4	182,69
NEW	191108054HT	108 x 54	185	150	831	2	144,94
NEW	191108076HT	108 x 76,1	209	154	1022	2	188,11





193/000 HT

≤54 B 10 16
76÷108 B 10 19

MANICOTTO FLANGIATO

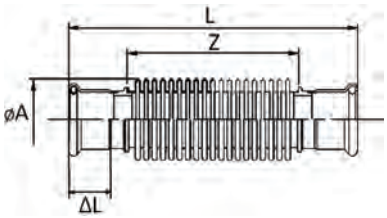
- ADAPTOR FLANGE
- ÜBERGANGSFLANSCH
- BRIDE DE RACCORDEMENT
- BRIDA ADAPTADOR

MATERIAL: AISI 316L – 1.4404
O-RING: FKM verde - green - Grün - vert - verde
TYPE: esente silicone - silicon free Siliconfrei - sans silicone libre de silicona

PN 16

CODE	De mm	DN flg	H mm	Z mm	B mm	D mm	D2 mm	Holes Nr.	K mm	g		€
193015000HT	15	15	55	35	14	95	14	4	65	660	1	**103,48**
193018000HT	18	15	55,5	35,5	14	95	14	4	65	660	1	**106,38**
193022000HT	22	20	58,5	37,5	16	105	14	4	75	945	1	**123,70**
193028000HT	28	25	61,5	38,5	16	115	14	4	85	1140	1	**151,27**
193035000HT	35	32	65,5	39,5	16	140	18	4	100	1640	1	**213,46**
193042000HT	42	40	69	39	16	150	18	4	110	1800	1	**250,48**
193054000HT	54	50	78	42	18	165	18	4	125	2450	1	**308,85**
NEW **193076000HT**	76,1	65	105	50	18	185	18	4	145	3184	2	**505,23**
NEW **193088000HT**	88,9	80	116	56	20	200	18	8	160	3950	2	**602,84**
NEW **193108000HT**	108	100	132	57	20	220	18	8	180	4729	2	**717,58**

B 10 16





199 HT

COMPENSATORE DI DILATAZIONE

- EXPANSION COMPENSATOR
- WELLENKOMPENSATOR
- COMPENSATEUR D'EXPANSION
- DILATADOR

MATERIAL: AISI 316L – 1.4404
O-RING: FKM verde - green - Grün - vert - verde
TYPE: esente silicone - silicon free Siliconfrei - sans silicone libre de silicona

CODE	De mm	L mm	Z mm	A mm	g		€
199015000HT	15	139	71	22	80	1	**209,53**
199018000HT	18	143	74	27	108	1	**230,47**
199022000HT	22	139	68	34	130	1	**256,67**
199028000HT	28	150	73	41	155	1	**330,04**
199035000HT	35	177	90	51	251	1	**408,55**
199042000HT	42	202	107	61	440	1	**487,15**
199054000HT	54	221	113	71	550	1	**602,37**

199 - Compensatore di dilatazione - Expansion compensator - Wellenkompensator Compensateur d'expansion - Dilatador

La corsa massima di lavoro non deve superare la corsa nominale sotto indicata / The maximum axial stroke must not exceed the nominal value below indicated
La course axiale maximum ne doit pas dépasser la course nominale indiquée ci-dessous / Der maximale Axialhub darf den unten angegebenen Nennwert nicht überschreiten / El rango máximo de trabajo no debe exceder el rango nominal abajo indicado

Code	DN	Cycles MAX	Temperature °C																			
			20°		40°		60°		80°		100°		120°		140°		160°		180°		200°	
			ΔL (mm)	P (bar)	ΔL (mm)	P (bar)	ΔL (mm)	P (bar)	ΔL (mm)	P (bar)	ΔL (mm)	P (bar)	ΔL (mm)	P (bar)	ΔL (mm)	P (bar)	ΔL (mm)	P (bar)	ΔL (mm)	P (bar)	ΔL (mm)	P (bar)
199 / 15	15		16,0		14,7		13,6		12,6		11,8		11,4		10,9		10,6		10,2		9,9	
199 / 18	18		18,0		16,6		15,3		14,2		13,3		12,8		12,3		11,9		11,5		11,2	
199 / 22	22		20,0		18,4		17,0		15,8		14,8		14,2		13,7		13,2		12,8		12,4	
199 / 28	28	800	22,0	16	20,2	14,5	18,7	13,5	17,4	12,5	16,3	12	15,6	11,5	15,0	11	14,5	10,5	14,1	10,2	13,6	9,5
199 / 35	35		26,0		23,9		22,1		20,5		19,2		18,5		17,8		17,2		16,6		16,1	
199 / 42	42		32,0		29,4		27,2		25,3		23,7		22,7		21,9		21,1		20,5		19,8	
199 / 54	54		36,0		33,1		30,6		28,4		26,6		25,6		24,6		23,8		23,0		22,3	

Code	DN	Cycles MAX	Temperature °C																			
			20°		40°		60°		80°		100°		120°		140°		160°		180°		200°	
			ΔL (mm)	P (bar)	ΔL (mm)	P (bar)	ΔL (mm)	P (bar)	ΔL (mm)	P (bar)	ΔL (mm)	P (bar)	ΔL (mm)	P (bar)	ΔL (mm)	P (bar)	ΔL (mm)	P (bar)	ΔL (mm)	P (bar)	ΔL (mm)	P (bar)
199 / 15	15		11,2		10,3		9,5		8,8		8,3		8,0		7,6		7,4		7,2		6,9	
199 / 18	18		12,6		11,6		10,7		10,0		9,3		8,9		8,6		8,3		8,1		7,8	
199 / 22	22		14,0		12,9		11,9		11,1		10,4		9,9		9,6		9,2		9,0		8,7	
199 / 28	28	2900	15,4	16	14,2	14,5	13,1	13,5	12,2	12,5	11,4	12	10,9	11,5	10,5	11	10,2	10,5	9,9	10,2	9,5	9,5
199 / 35	35		18,2		16,7		15,5		14,4		13,5		12,9		12,4		12,0		11,6		11,3	
199 / 42	42		22,4		20,6		19,0		17,7		16,6		15,9		15,3		14,8		14,3		13,9	
199 / 54	54		25,2		23,2		21,4		19,9		18,6		17,9		17,2		16,6		16,1		15,6	

Code	DN	Cycles MAX	Temperature °C																			
			20°		40°		60°		80°		100°		120°		140°		160°		180°		200°	
			ΔL (mm)	P (bar)	ΔL (mm)	P (bar)	ΔL (mm)	P (bar)	ΔL (mm)	P (bar)	ΔL (mm)	P (bar)	ΔL (mm)	P (bar)	ΔL (mm)	P (bar)	ΔL (mm)	P (bar)	ΔL (mm)	P (bar)	ΔL (mm)	P (bar)
199 / 15	15		8,0		7,4		6,8		6,3		5,9		5,7		5,5		5,3		5,1		5,0	
199 / 18	18		9,0		8,3		7,7		7,1		6,7		6,4		6,1		5,9		5,8		5,6	
199 / 22	22		10,0		9,2		8,5		7,9		7,4		7,1		6,8		6,6		6,4		6,2	
199 / 28	28	12000	11,0	16	10,1	14,5	9,4	13,5	8,7	12,5	8,1	12	7,8	11,5	7,5	11	7,3	10,5	7,0	10,2	6,8	9,5
199 / 35	35		13,0		12,0		11,1		10,3		9,6		9,2		8,9		8,6		8,3		8,1	
199 / 42	42		16,0		14,7		13,6		12,6		11,8		11,4		10,9		10,6		10,2		9,9	
199 / 54	54		18,0		16,6		15,3		14,2		13,3		12,8		12,3		11,9		11,5		11,2	

Cycles MAX = Numero di cicli di lavoro – Work cycles number – Anzahl der Zyklen – Nombre de cycles de travail – Número de ciclos de trabajo
ΔL (mm) = Corsa assiale in compressione – Compression axial stroke – Axialhub in Kompression – Course axiale en compression – Carrera axial en compresión
P (bar) = pressione massima di lavoro – Maximum working pressure – maximaler Arbeitsdruck – Pression de travail maximale – Presión máxima de trabajo

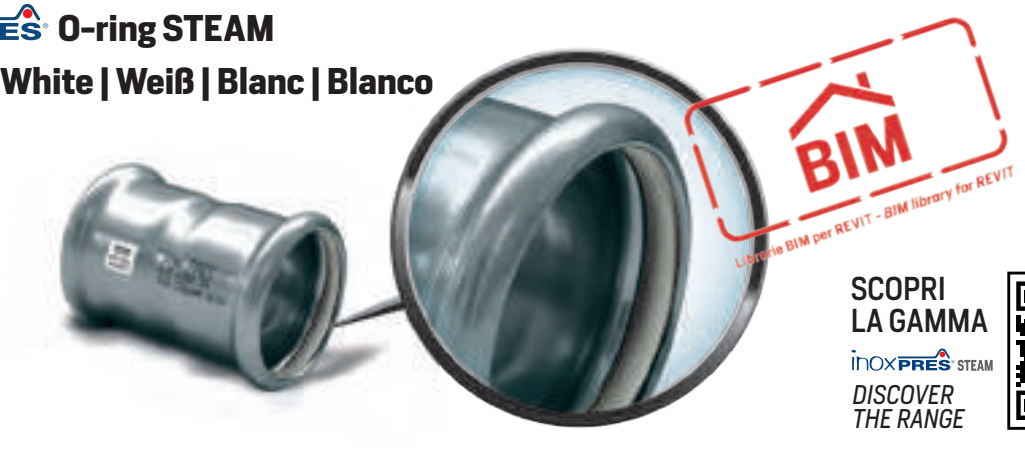
Campi di applicazione / Fields of application

inoxPRES® STEAM

Vapore saturo
Saturated steam
Max 7 bara (6 barg) / 165° C

inoxPRES® O-ring STEAM

Bianco | White | Weiß | Blanc | Blanco



SCOPRI LA GAMMA
inoxPRES STEAM
DISCOVER THE RANGE

Applicazioni industriali — **O-Ring STEAM bianco**	**Industrial applications** — **White STEAM O - ring**
Vapore saturo **P max 7 bar assoluti (6 bar relativi); T max 165°C**	Saturated steam **7 bar absolute (6 bar relative); T max 165°**
Eventuali altre veicolazioni di fluidi particolari, devono essere valutate dall'ufficio tecnico di RM.	Any other vehiculation of specialfluids, must be evaluated from RM technical office.

Gamma dimensionale / Product range	**ø 15 ÷ 54 mm**
A richiesta / On demand	**ø 76,1 ÷ 108 mm**

Altre figure possono essere fornite "a richiesta"
Other figures can be provided "on demand"
Andere Bilder kann "auf Anfrage" vorgesehen sein
D'autres figures peuvent être fournis "sur demande"
Otras figuras pueden ser proporcionadas "bajo demanda"



I prezzi dei tubi sono validi fino a nuova comunicazione.
Pipe prices are valid until new update.
Die Rohrpreise gelten bis auf weiteres .
Les prix des tubes sont valables jusqu'à nouvelle communication.
Los precios de las tuberías son válidos hasta nueva comunicación.

B 30 31

116/200 6 m

TUBO IN ACCIAIO INOSSIDABILE

- STAINLESS STEEL PIPE
- EDELSTAHL ROHR
- TUBE EN ACIER INOXYDABLE
- TUBO DE ACERO INOXIDABLE

NORM: EN 10217-7 (DIN 17455) - EN 10312

Mat. Nr.: 1.4404 (AISI 316L) L=6 m
Crudo - Not annealed - Ungeglüht - Non-hypertrempé - Crudo

CODE	Dimensions mm x mm	Ø int mm	L m	kg/m	Volume l/m	Minimum package m	Bundle m	€/m
116015200	15 x 1,0	13	6	0,351	0,133	60	1014	**18,33**
116018200	18 x 1,0	16	6	0,426	0,201	60	1014	**20,84**
116022200	22 x 1,2	19,6	6	0,625	0,302	60	762	**29,05**
116028200	28 x 1,2	25,6	6	0,805	0,514	30	546	**36,65**
116035200	35 x 1,5	32	6	1,258	0,804	30	546	**55,38**
116042200	42 x 1,5	39	6	1,521	1,194	30	366	**66,16**
116054200	54 x 1,5	51	6	1,972	2,042	30	366	**84,98**



I prezzi dei tubi sono validi fino a nuova comunicazione.
Pipe prices are valid until new update.
Die Rohrpreise gelten bis auf weiteres .
Les prix des tubes sont valables jusqu'à nouvelle communication.
Los precios de las tuberías son válidos hasta nueva comunicación.

B 30 31

116/300 6 m

TUBO IN ACCIAIO INOSSIDABILE

- STAINLESS STEEL PIPE
- EDELSTAHL ROHR
- TUBE EN ACIER INOXYDABLE
- TUBO DE ACERO INOXIDABLE

NORM: EN 10217-7 (DIN 17455) - EN 10312

Mat. Nr.: 1.4404 (AISI 316L) L=6 m
Ricotto - Annealed - Geglüht - Hypertrempé - Recocido

CODE	Dimensions mm x mm	Ø int mm	L m	kg/m	Volume l/m	Minimum package m	Bundle m	€/m
116015300	15 x 1,0	13	6	0,351	0,133	60	1014	**27,96**
116018300	18 x 1,0	16	6	0,426	0,201	60	1014	**30,04**
116022300	22 x 1,2	19,6	6	0,625	0,302	60	762	**40,31**
116028300	28 x 1,2	25,6	6	0,805	0,514	30	546	**49,45**
116035300	35 x 1,5	32	6	1,258	0,804	30	546	**72,87**
116042300	42 x 1,5	39	6	1,521	1,194	30	366	**87,38**
116054300	54 x 1,5	51	6	1,972	2,042	30	366	**110,80**

B 30 34



I prezzi dei tubi sono validi fino a nuova comunicazione.
Pipe prices are valid until new update.
Die Rohrpreise gelten bis auf weiteres .
Les prix des tubes sont valables jusqu'à nouvelle communication.
Los precios de las tuberías son válidos hasta nueva comunicación.

114/200 6 m

TUBO IN ACCIAIO INOSSIDABILE

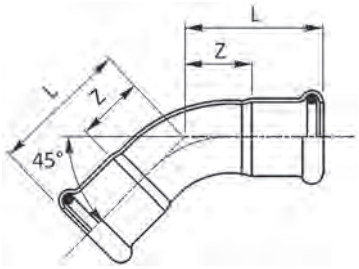
- STAINLESS STEEL PIPE
- EDELSTAHL ROHR
- TUBE EN ACIER INOXYDABLE
- TUBO DE ACERO INOXIDABLE

NORM: EN 10217-7 (DIN 17455) - EN 10312

Mat. Nr.: 1.4307 (AISI 304L) L=6 m
Crudo - Not annealed - Ungeglüht - Non-hypertrempé - Crudo

CODE	Dimensions mm x mm	Ø int mm	L m	kg/m	Volume l/m	Minimum package m	Bundle m	€/m
114015200	15 x 1,0	13	6	0,351	0,133	60	1014	**11,86**
114018200	18 x 1,0	16	6	0,426	0,201	60	1014	**13,98**
114022200	22 x 1,2	19,6	6	0,625	0,302	60	762	**19,72**
114028200	28 x 1,2	25,6	6	0,805	0,514	30	546	**25,38**
114035200	35 x 1,5	32	6	1,258	0,804	30	546	**38,31**
114042200	42 x 1,5	39	6	1,521	1,194	30	366	**47,14**
114054200	54 x 1,5	51	6	1,972	2,042	30	366	**62,42**

B 10 15





181/450 ST

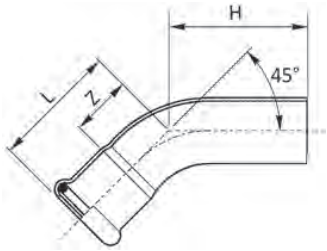
CURVA 45° FF

- 45° ELBOW FF
- BOGEN 45° II
- COUDE FF 45°
- CURVA 45° HH

MATERIAL: AISI 316L – 1.4404
O-RING: STEAM bianco - white - Weiß blanc - blanco
TYPE: vapore saturo - saturated steam Sattdampf - vapeur saturée vapor saturado
P max 7 bara (6 barg) - T max 165°C

CODE	De mm	Radius	L mm	Z mm	g		€
181015450CST	15	1,2 De	27,5	7,5	39	1	19,15
181018450CST	18	1,2 De	29,5	9,5	48	1	21,20
181022450CST	22	1,2 De	32	11	63	1	24,64
181028450CST	28	1,2 De	37	14	90	1	29,64
181035450ST	35	1,2 De	43	17	127	1	35,02
181042450ST	42	1,2 De	51	21	177	1	56,74
181054450ST	54	1,2 De	62	30	273	1	72,86

B 10 15





181/451 ST

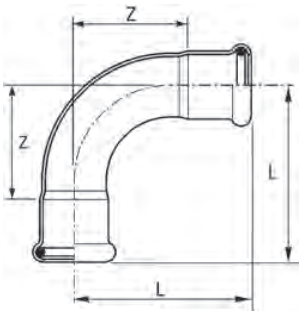
CURVA 45° MF

- 45° ELBOW MF
- BOGEN 45° IA
- COUDE MF 45°
- CURVA 45° HM

MATERIAL: AISI 316L – 1.4404
O-RING: STEAM bianco - white - Weiß blanc - blanco
TYPE: vapore saturo - saturated steam Sattdampf - vapeur saturée vapor saturado
P max 7 bara (6 barg) - T max 165°C

CODE	De mm	Radius	L mm	H mm	Z mm	g		€
181015451CST	15	1,2 De	27,5	36	7,5	38	1	19,15
181018451CST	18	1,2 De	29,5	38	9,5	47	1	20,50
181022451CST	22	1,2 De	32	42	11	63	1	23,27
181028451CST	28	1,2 De	37	46	14	90	1	27,67
181035451ST	35	1,2 De	43	57,5	17	132	1	32,63
181042451ST	42	1,2 De	51	72	21	196	1	54,67
181054451ST	54	1,2 De	62	82	26	296	1	70,04

B 10 15





181/900 ST

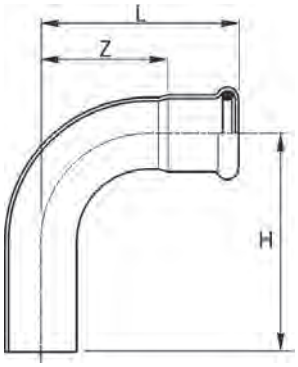
CURVA 90° FF

- 90° ELBOW FF
- BOGEN 90° II
- COUDE FF 90°
- CURVA 90° HH

MATERIAL: AISI 316L – 1.4404
O-RING: STEAM bianco - white - Weiß blanc - blanco
TYPE: vapore saturo - saturated steam Sattdampf - vapeur saturée vapor saturado
P max 7 bara (6 barg) - T max 165°C

CODE	De mm	Radius	L mm	Z mm	g		€
181015900CST	15	1,2 De	38	18	46	1	14,62
181018900CST	18	1,2 De	41,5	21,5	58	1	16,75
181022900CST	22	1,2 De	47	26	78	1	20,18
181028900CST	28	1,2 De	56	33	116	1	26,90
181035900ST	35	1,2 De	68	42	162	1	43,56
181042900ST	42	1,2 De	80	50	231	1	74,84
181054900ST	54	1,2 De	100	64	367	1	104,42

B 10 15





181/901 ST

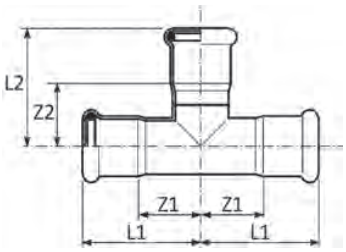
CURVA 90° MF

- 90° ELBOW MF
- BOGEN 90° IA
- COUDE MF 90°
- CURVA 90° HM

MATERIAL: AISI 316L – 1.4404
O-RING: STEAM bianco - white - Weiß blanc - blanco
TYPE: vapore saturo - saturated steam Sattdampf - vapeur saturée vapor saturado
P max 7 bara (6 barg) - T max 165°C

CODE	De mm	Radius	L mm	H mm	Z mm	g		€
181015901CST	15	1,2 De	38	48	18	46	1	15,34
181018901CST	18	1,2 De	41,5	48,5	21,5	56	1	17,45
181022901CST	22	1,2 De	47	57	26	79	1	20,90
181028901CST	28	1,2 De	56	64	33	115	1	26,20
181035901ST	35	1,2 De	68	82	42	176	1	39,92
181042901ST	42	1,2 De	80	101	50	253	1	72,45
181054901ST	54	1,2 De	100	120	64	390	1	105,02

B 10 15





182 ST

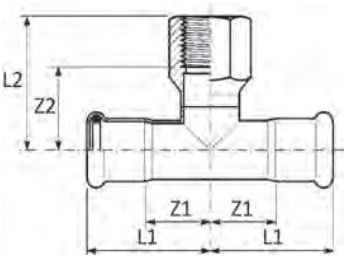
"T"

- EQUAL TEE
- T-STÜCK
- TÉ ÉGAL
- TE IGUAL HHH

MATERIAL: AISI 316L – 1.4404
O-RING: STEAM bianco - white - Weiß blanc - blanco
TYPE: vapore saturo - saturated steam Sattdampf - vapeur saturée vapor saturado
P max 7 bara (6 barg) - T max 165°C

CODE	De mm	Z1 mm	Z2 mm	L1 mm	L2 mm	g		€
182015000ST	15	14	19	34	39	67	1	26,73
182018000ST	18	16	21	37	41	80	1	30,79
182022000ST	22	18	24	39	45	106	1	32,39
182028000ST	28	21	27	44	50	145	1	38,94
182035000ST	35	25	31	51	57	201	1	48,48
182042000ST	42	28	35	59	65	260	1	68,60
182054000ST	54	34	42	70	77	404	1	81,81

B 10 15





189 ST

"T" CON DERIVAZIONE FILETTO F

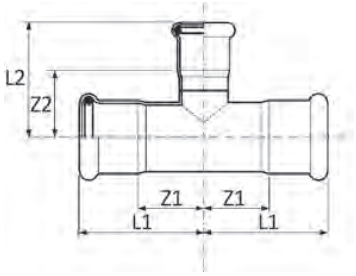
- BRANCH TEE FEMALE BSP OUTLET
- T-STÜCK MIT ABGANG IG
- TÉ MIXTE AVEC FILETAGE F
- TE HEMBRA ROSCADA

MATERIAL: AISI 316L – 1.4404
O-RING: STEAM bianco - white - Weiß blanc - blanco
TYPE: vapore saturo - saturated steam Sattdampf - vapeur saturée vapor saturado
P max 7 bara (6 barg) - T max 165°C
THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x Rp x De mm x inch x mm	L1 mm	L2 mm	Z1 mm	Z2 mm	g		€
189102015ST*	15 x 1/2" x 15	36,5	22,5	16,5	8,5	117	1	29,59
189102018ST*	18 x 1/2" x 18	36	24	16	10	128	1	30,37
189102022ST*	22 x 1/2" x 22	39	26	18	12	159	1	32,46
189304022ST*	22 x 3/4" x 22	41,5	30	20,5	14	184	1	37,03
189102028ST*	28 x 1/2" x 28	44	29	21	15	217	1	35,70
189304028ST*	28 x 3/4" x 28	44	30	21	14	221	1	42,46
189100035ST	35 x 1" x 35	51	47	22	28	250	1	82,94
189100042ST	42 x 1" x 42	59	60	29	41	346	1	90,88
189200054ST	54 x 2" x 54	70	81	34	55	838	1	136,69

(*) senza saldatura - seamless - nahtlos - sans soudure - sin soldadura

B 10 15





192 ST

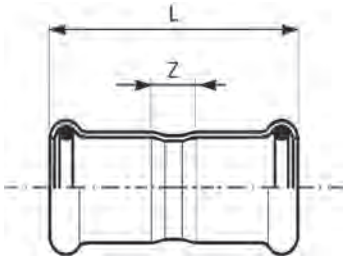
"T" RIDOTTO

- REDUCING TEE
- T-STÜCK MIT REDUZIERTEM ABGANG
- TÉ RÉDUIT
- TE REDUCIDA HHH

MATERIAL: AISI 316L – 1.4404
O-RING: STEAM bianco - white - Weiß blanc - blanco
TYPE: vapore saturo - saturated steam Sattdampf - vapeur saturée vapor saturado
P max 7 bara (6 barg) - T max 165°C

CODE	De mm	L1 mm	L2 mm	Z1 mm	Z2 mm	g		€
192018015ST	18 x 15 x 18	36,5	41	15,5	21	80	1	25,91
192022018ST	22 x 18 x 22	39	43	18	23	95	1	28,51
192028022ST	28 x 22 x 28	44	47	21	26	135	1	36,02
192035022ST	35 x 22 x 35	51	51	25	30	167	1	43,95
192035028ST	35 x 28 x 35	51	54	25	31	171	1	45,71
192042028ST	42 x 28 x 42	59	57	29	34	243	1	64,44
192042035ST	42 x 35 x 42	59	61	29	35	272	1	65,86
192054035ST	54 x 35 x 54	70	68	34	42	361	1	73,80
192054042ST	54 x 42 x 54	70	72	34	42	376	1	79,09

B 10 15





183/000 ST

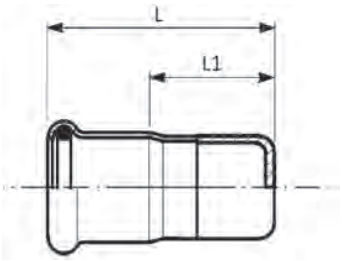
MANICOTTO

- COUPLING
- MUFFE
- MANCHON
- MANGUITO HH

MATERIAL: AISI 316L – 1.4404
O-RING: STEAM bianco - white - Weiß blanc - blanco
TYPE: vapore saturo - saturated steam Sattdampf - vapeur saturée vapor saturado
P max 7 bara (6 barg) - T max 165°C

CODE	De mm	L mm	Z mm	g		€
183015000ST	15	49	9	35	1	10,28
183018000ST	18	50	10	42	1	11,73
183022000ST	22	53	11	54	1	13,51
183028000ST	28	56	10	71	1	15,44
183035000ST	35	63	10	97	1	19,53
183042000ST	42	72	12	136	1	26,46
183054000ST	54	83	13	198	1	32,77

B 10 15





183/003 ST

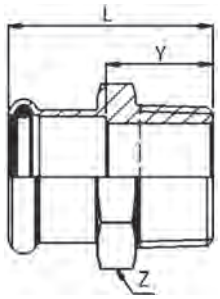
TAPPO DI CHIUSURA

- STOP END
- VERSCHLUSSKAPPE
- BOUCHON D'OBTURATION
- TAPÓN

MATERIAL: AISI 316L – 1.4404
O-RING: STEAM bianco - white - Weiß blanc - blanco
TYPE: vapore saturo - saturated steam Sattdampf - vapeur saturée vapor saturado
P max 7 bara (6 barg) - T max 165°C

CODE	De mm	L mm	L1 mm	g		€
183015003ST	15	26	5	26	1	14,52
183018003ST	18	26	5	32	1	15,14
183022003ST	22	27	5	43	1	17,57
183028003ST	28	29	5	61	1	24,18
183035003ST	35	52	26	95	1	29,48
183042003ST	42	56	26	126	1	42,34
183054003ST	54	62	27	185	1	49,95

B 10 15





187 ST

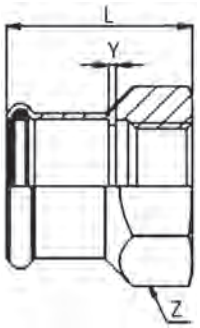
MANICOTTO MISTO FILETTO M

- MALE ADAPTER
- ÜBERGANGSSTÜCK MIT AG
- RACCORD AVEC FILETAGE MALE
- UNIÓN MACHO

MATERIAL: AISI 316L – 1.4404
O-RING: STEAM bianco - white - Weiß blanc - blanco
TYPE: vapore saturo - saturated steam Sattdampf - vapeur saturée vapor saturado
P max 7 bara (6 barg) - T max 165°C
THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x R mm x inch	L mm	Z mm	Y mm	g		€
187102015ST	15 x 1/2"	41	24	21	58.0	1	25,89
187102018ST	18 x 1/2"	41	27	21	60.0	1	28,20
187102022ST	22 x 1/2"	42	32	21	86.0	1	30,66
187304022ST	22 x 3/4"	44	32	23	88.0	1	31,77
187100022ST	22 x 1"	46	36	25	156.0	1	37,78
187304028ST	28 x 3/4"	47	38	24	118.0	1	43,07
187100028ST	28 x 1"	48	38	25	129.0	1	45,73
187114035ST	35 x 1"1/4	55	46	28	201.0	1	60,49
187112042ST	42 x 1"1/2	59	55	28	256.0	1	87,87
187200054ST	54 x 2"	71	65	35	391.0	1	123,50

B 10 15





190 ST

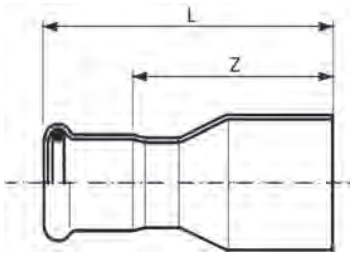
MANICOTTO MISTO FILETTO F

- FEMALE ADAPTER
- ÜBERGANGSSTÜCK MIT IG
- RACCORD AVEC FILETAGE FEMELLE
- UNIÓN HEMBRA

MATERIAL: AISI 316L – 1.4404
O-RING: STEAM bianco - white - Weiß blanc - blanco
TYPE: vapore saturo - saturated steam Sattdampf - vapeur saturée vapor saturado
P max 7 bara (6 barg) - T max 165°C
THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x Rp mm x inch	L mm	Z mm	Y mm	g		€
190102015ST	15 x 1/2"	38	27	2	63.0	1	27,87
190102018ST	18 x 1/2"	38	27	2	65.0	1	29,40
190304022ST	22 x 3/4"	40	32	2	79.0	1	36,63
190304028ST	28 x 3/4"	42	38	2	129.0	1	41,84
190100028ST	28 x 1"	45	41	2	139.0	1	57,32
190114035ST	35 x 1"1/4	52	46	2	156.0	1	62,49
190112042ST	42 x 1"1/2	56	55	2	243.0	1	97,47
190200054ST	54 x 2"	65	65	2	317.0	1	145,11

B 10 15





191 ST

RIDUZIONE MF

- REDUCER
- REDUZIERSTÜCK
- REDUCTION
- REDUCCIÓN MH

MATERIAL: AISI 316L – 1.4404
O-RING: STEAM bianco - white - Weiß blanc - blanco
TYPE: vapore saturo - saturated steam Sattdampf - vapeur saturée vapor saturado
P max 7 bara (6 barg) - T max 165°C

CODE	De mm	L mm	Z mm	g		€
191018015ST	18 x 15	57	37	35	1	11,91
191022018ST	22 x 18	60	40	47	1	13,45
191028022ST	28 x 22	65	44	66	1	15,67
191035028ST	35 x 28	71	48	98	1	38,06
191042028ST	42 x 28	93	70	130	1	63,44
191042035ST	42 x 35	81	55	138	1	41,19
191054042ST	54 x 42	97,5	67,5	210	1	44,03

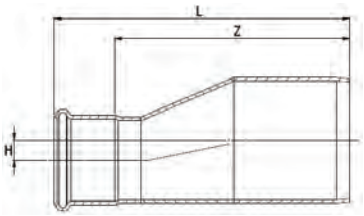
B 10 15

191/E ST

RIDUZIONE ECCENTRICA

- ECCENTRIC REDUCER
- REDUZIERSTÜCK EXZENTRISCH
- RÉDUCTION EXCENTRIQUE
- REDUCCIÓN EXCÉNTRICA

MATERIAL: AISI 316L – 1.4404
O-RING: STEAM bianco - white - Weiß blanc - blanco
TYPE: vapore saturo - saturated steam Sattdampf - vapeur saturée vapor saturado
P max 7 bara (6 barg) - T max 165°C





CODE	De mm	L mm	Z mm	H mm	g		€
191042028EST	42 x 28	101,5	78,5	6	140	1	66,48
191054028EST	54 x 28	123,5	100,5	12	206	1	76,22
191054035EST	54 x 35	127	101,5	8,5	224	1	94,92

B 10 15

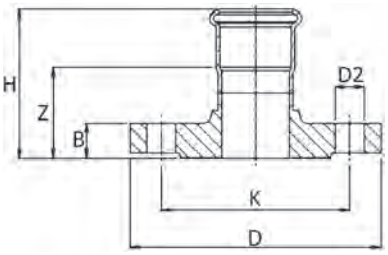
193/000 ST

MANICOTTO FLANGIATO

- ADAPTOR FLANGE
- ÜBERGANGSFLANSCH
- BRIDE DE RACCORDEMENT
- BRIDA ADAPTADOR

MATERIAL: AISI 316L – 1.4404
O-RING: STEAM bianco - white - Weiß blanc - blanco
TYPE: vapore saturo - saturated steam Sattdampf - vapeur saturée vapor saturado
P max 7 bara (6 barg) - T max 165°C

PN 16





CODE	De mm	DN flg	H mm	Z mm	B mm	D mm	D2 mm	Holes Nr.	K mm	g		€
193015000ST	15	15	55	35	14	95	14	4	65	660	1	113,83
193018000ST	18	15	55,5	35,5	14	95	14	4	65	660	1	117,02
193022000ST	22	20	58,5	37,5	16	105	14	4	75	945	1	136,09
193028000ST	28	25	61,5	38,5	16	115	14	4	85	1140	1	166,38
193035000ST	35	32	65,5	39,5	16	140	18	4	100	1640	1	234,83
193042000ST	42	40	69	39	16	150	18	4	110	1800	1	275,50
193054000ST	54	50	78	42	18	165	18	4	125	2450	1	339,71

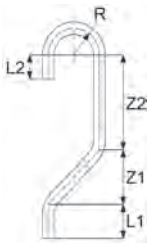
B 10 11

178

TUBO PER ARIA COMPRESSA

- PIPE FOR COMPRESSED AIR
- SPRUNGBOGEN FÜR DRUCKLUFT
- TUBE POUR L'AIR COMPRIMÉ
- TUBO DE AIRE

MATERIAL: AISI 316L – 1.4404





CODE	De mm	L1 mm	L2 mm	Z1 mm	Z2 mm	R mm	g			€
178015316	15	30	30	96	114	35	143	1	20	84,15
178018316	18	50	35	108	112	39	195	1	20	85,68
178022316	22	50	35	110	110	41	359	1	20	90,65
178028316	28	60	40	139	113	51	550	1	15	102,13

Campi di applicazione / Fields of application

inoxPRES® 304L

Riscaldamento
Heating

Raffrescamento
Cooling

Acque di processo
Process water

Aria compressa
Compressed air

Antincendio
Fire protection systems

inoxPRES® 304L **O-ring EPDM**

Nero | Black | Schwarz | Noir | Negro



inoxPRES® 304L

Una soluzione ancora più conveniente nell'area King Size per impianti di riscaldamento, raffrescamento e aria compressa.
An even more affordable solution in the King Size area for heating, cooling and compressed air systems.

Compatibile con tubi in acciaio inox 1.4307 – 304L DN 76.1-88.9-108 mm – ulteriori informazioni su racmet.com
Fits in 1.4307 – 304L DN 76.1-88.9-108 mm – further information on racmet.com



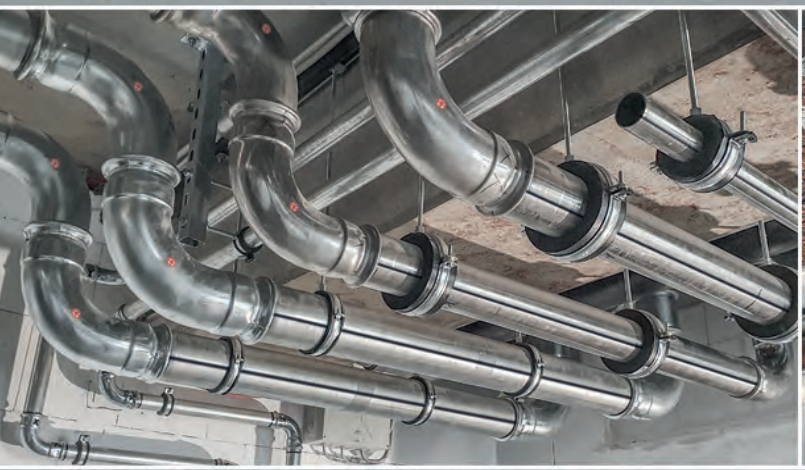
Sleeve grigio
Grey sleeve

Con l'indicazione
"non idoneo per impianti di acqua potabile"

With the indication
"not suitable for drinking water systems"

Guarnizione in EPDM nero con una superficie superiore del 20% rispetto a una guarnizione standard.
Black EPDM gasket with 20% more surface area than a standard gasket.

Tubi con tappo nero e linea di identificazione nera.
Tube with black cap and black identification line.





Si ricorda il programma di fornitura di tubi in acciaio inox 1.4307 – 304L, disponibili in diametri da 15 a 108 mm.
I tubi sono compatibili con i raccordi in ACCIAIO INOX e RAME.

We remind you of our program for the supply of 1.4307 – 304L tubes from 15 to 108 mm. These tubes are compatible with our STAINLESS STEEL and COPPER fittings.

RACCORDERIE METALLICHE



I prezzi dei tubi sono validi fino a nuova comunicazione.
Pipe prices are valid until new update.
Die Rohrpreise gelten bis auf weiteres .
Les prix des tubes sont valables jusqu'à nouvelle communication.
Los precios de las tuberías son válidos hasta nueva comunicación.

B 30 35

114/200 6 m

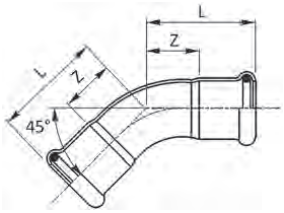
TUBO IN ACCIAIO INOSSIDABILE

- STAINLESS STEEL PIPE
- EDELSTAHL ROHR
- TUBE EN ACIER INOXYDABLE
- TUBO DE ACERO INOXIDABLE

NORM: EN 10217-7 (DIN 17455) - EN 10312
NOTE: Paese Italia - conforme al DM 174 per veicolazione acqua potabile;
Italy country - according to DM 174 for drinking water transport;

Mat. Nr.: 1.4307 (AISI 304L) L=6 m
Crudo - Not annealed - Ungeglüht - Non-hypertrempé - Crudo

CODE	Dimensions mm x mm	Ø int mm	L m	kg/m	Volume l/m	Minimum package m	Bundle m	€/m
114076200	76,1 x 2,0	72,1	6	3,711	4,080	6	114	117,94
114088200	88,9 x 2,0	84,9	6	4,352	5,660	6	114	124,31
114108200	108 x 2,0	104	6	5,308	8,490	6	114	134,26





B 10 33

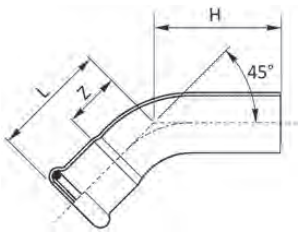
181/450 NW

CURVA 45° FF

- 45° ELBOW FF
- BOGEN 45° II
- COUDE FF 45°
- CURVA 45° HH

MATERIAL: AISI 304L – 1.4307
O-RING: EPDM nero - black - Schwarz - noir - negro

CODE	De mm	L mm	Z mm	g			€
181076450NW	76,1	98	43	900	2	2	151,98
181088450NW	88,9	112	52	1250	2	2	181,08
181108450NW	108	138	63	1700	2	2	246,94





B 10 33

181/451 NW

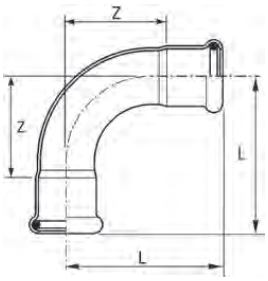
CURVA 45° MF

- 45° ELBOW MF
- BOGEN 45° IA
- COUDE MF 45°
- CURVA 45° HM

MATERIAL: AISI 304L – 1.4307
O-RING: EPDM nero - black - Schwarz - noir - negro

CODE	De mm	L mm	H mm	Z mm	g			€
181076451NW	76,1	98	117	43	900	2	2	139,46
181088451NW	88,9	112	131	52	1250	2	2	166,47
181108451NW	108	138	154	63	1700	2	2	227,35

B 10 33





181/900 NW

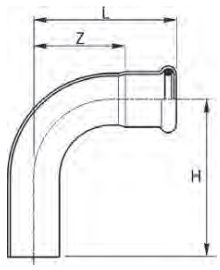
CURVA 90° FF

- 90° ELBOW FF
- BOGEN 90° II
- COUDE FF 90°
- CURVA 90° HH

MATERIAL: AISI 304L – 1.4307
O-RING: EPDM nero - black - Schwarz - noir - negro

CODE	De mm	L mm	Z mm	g			€
181076900NW	76,1	150	95	1150	2	2	154,59
181088900NW	88,9	174	114	1580	2	2	188,10
181108900NW	108	215	140	2250	2	2	256,54

B 10 33





181/901 NW

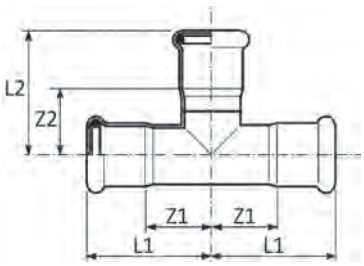
CURVA 90° MF

- 90° ELBOW MF
- BOGEN 90° IA
- COUDE MF 90°
- CURVA 90° HM

MATERIAL: AISI 304L – 1.4307
O-RING: EPDM nero - black - Schwarz - noir - negro

CODE	De mm	L mm	H mm	Z mm	g			€
181076901NW	76,1	150	165	95	1150	2	2	159,06
181088901NW	88,9	174	190	114	1580	2	2	193,45
181108901NW	108	215	238	140	2250	2	2	263,89

B 10 33





182 NW

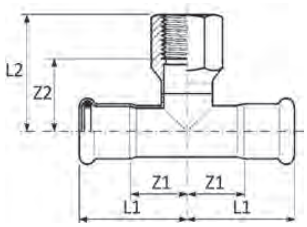
"T"

- EQUAL TEE
- T-STÜCK
- TÉ ÉGAL
- TE IGUAL HHH

MATERIAL: AISI 304L – 1.4307
O-RING: EPDM nero - black - Schwarz - noir - negro

CODE	De mm	L1 mm	L2 mm	Z1 mm	Z2 mm	g			€
182076000NW	76,1	108	118	53	63	1275	2	2	319,23
182088000NW	88,9	132	131	72	71	1535	2	2	349,56
182108000NW	108	155	160	80	85	2115	2	2	430,85

B 10 33





189 NW

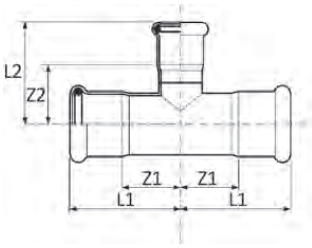
"T" CON DERIVAZIONE FILETTO F

- BRANCH TEE FEMALE BSP OUTLET
- T-STÜCK MIT ABGANG IG
- TÉ MIXTE AVEC FILETAGE F
- TE HEMBRA ROSCADA

MATERIAL: AISI 304L – 1.4307
O-RING: EPDM nero - black - Schwarz - noir - negro
THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x Rp x De mm x inch x mm	L1 mm	L2 mm	Z1 mm	Z2 mm	g			€
189304076NW	76,1 x 3/4" x 76,1	108	77	53	60	1040	2	2	**279,42**
189200076NW	76,1 x 2" x 76,1	108	93	53	67	1495	2	2	**305,56**
189304088NW	88,9 x 3/4" x 88,9	132	84	72	67	1255	2	2	**301,42**
189200088NW	88,9 x 2" x 88,9	132	100	72	74	1720	2	2	**317,29**
189304108NW	108 x 3/4" x 108	155	94	80	77	1700	2	2	**369,44**
189200108NW	108 x 2" x 108	155	110	80	84	2160	2	2	**391,66**

B 10 33





192 NW

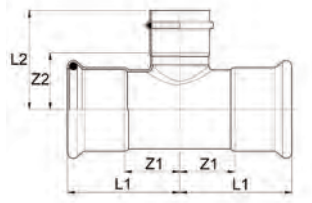
"T" RIDOTTO

- REDUCING TEE
- T-STÜCK MIT REDUZIERTEM ABGANG
- TÉ RÉDUIT
- TE REDUCIDA HHH

MATERIAL: AISI 304L – 1.4307
O-RING: EPDM nero - black - Schwarz - noir - negro

CODE	De mm	L1 mm	L2 mm	Z1 mm	Z2 mm	g			€
192088076NW	88,9 x 76,1 x 88,9	132	125	72	70	1485	2	2	**363,98**
192108076NW	108 x 76,1 x108	155	135	80	80	1930	2	2	**389,71**
192108088NW	108 x 88,9 x108	155	144	80	81	1965	2	2	**450,16**

B 10 33





192 M_UNW

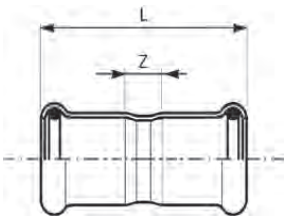
"T" RIDOTTO

- REDUCING TEE
- T-STÜCK MIT REDUZIERTEM ABGANG
- TÉ RÉDUIT
- TE REDUCIDA HHH

MATERIAL: AISI 304L – 1.4307
O-RING: EPDM nero - black - Schwarz - noir - negro

CODE	De mm	L1 mm	L2 mm	Z1 mm	Z2 mm	g			€
192076028UNW	76,1 x 28 x 76,1	108	78	53	54	964	2	2	**257,65**
192076035UNW	76,1 x 35 x 76,1	108	80,5	53	52,5	975	2	2	**277,02**
192076042UNW	76,1 x 42 x 76,1	108	90	53	54	1004	2	2	**298,88**
192076054UNW	76,1 x 54 x 76,1	108	95,5	53	54,5	1034	2	2	**318,25**
192088028UNW	88,9 x 28 x 88,9	132	95,5	72	61,5	1329	2	2	**267,33**
192088054UNW	88,9 x 54 x 88,9	132	103	72	62	1398	2	2	**325,76**
192108054UNW	108 x 54 x 108	155	112,5	80	71,5	1990	2	2	**354,60**

B 10 33





183/000 NW

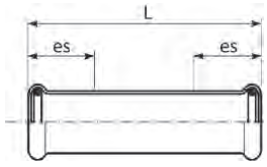
MANICOTTO

- COUPLING
- MUFFE
- MANCHON
- MANGUITO HH

MATERIAL: AISI 304L – 1.4307
O-RING: EPDM nero - black - Schwarz - noir - negro

CODE	De mm	L mm	Z mm	g			€
183076000NW	76,1	142	32	635	4	4	97,83
183088000NW	88,9	166	46	765	4	4	111,78
183108000NW	108	203	41	1170	2	2	142,25

B 10 33





183/001 NW

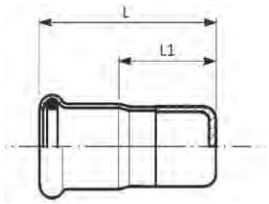
MANICOTTO PASSANTE

- SLIP COUPLING
- SCHIEBEMUFFE
- MANCHON LONG
- MANGUITO SIN TOPE

MATERIAL: AISI 304L – 1.4307
O-RING: EPDM nero - black - Schwarz - noir - negro

CODE	De mm	L mm	es mm	g			€
183076001NW	76,1	230	60	940	2	2	293,71
183088001NW	88,9	260	70	1240	2	2	333,78
183108001NW	108	310	80	1835	2	2	412,86

B 10 33





183/003 NW

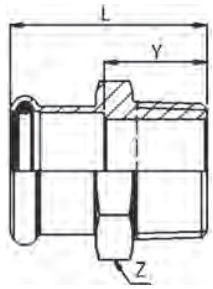
TAPPO DI CHIUSURA

- STOP END
- VERSCHLUSSKAPPE
- BOUCHON D'OBTURATION
- TAPÓN

MATERIAL: AISI 304L – 1.4307
O-RING: EPDM nero - black - Schwarz - noir - negro

CODE	De mm	L mm	L1 mm	g			€
183076003NW	76,1	93	38	540	2	10	66,94
183088003NW	88,9	102	42	654	2	10	81,14
183108003NW	108	117	42	935	2	2	106,80

B 10 33





187 NW

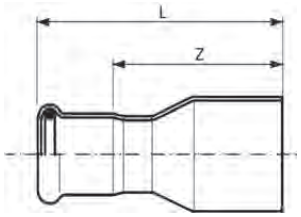
MANICOTTO MISTO FILETTO M

- MALE ADAPTER
- ÜBERGANGSSTÜCK MIT AG
- RACCORD AVEC FILETAGE MALE
- UNIÓN MACHO

MATERIAL: AISI 304L – 1.4307
O-RING: EPDM nero - black - Schwarz - noir - negro
THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x R mm x inch	L mm	Z mm	Y mm	g			€
187212076NW	76,1 x 2"1/2	98	83	43	769	2	8	**318,65**
187300088NW	88,9 x 3"	111	98	51	1218	2	4	**476,09**
187400108NW	108 x 4"	132	118	57	1842	2	2	**548,05**

B 10 33





191 NW

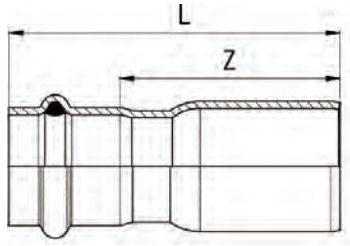
RIDUZIONE MF

- REDUCER
- REDUZIERSTÜCK
- REDUCTION
- REDUCCIÓN MH

MATERIAL: AISI 304L – 1.4307
O-RING: EPDM nero - black - Schwarz - noir - negro

CODE	De mm	L mm	Z mm	g			€
191088076NW	88,9 x 76,1	186	131	813	4	4	**137,39**
191108076NW	108 x 76,1	209	154	1022	2	2	**141,49**
191108088NW	108 x 88,9	210	150	1107	2	2	**157,59**

B 10 33





191 M_UNW

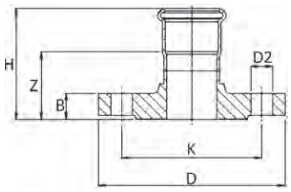
RIDUZIONE MF

- REDUCER
- REDUZIERSTÜCK
- REDUCTION
- REDUCCIÓN MH

MATERIAL: AISI 304L – 1.4307
O-RING: EPDM nero - black - Schwarz - noir - negro

CODE	De mm	L mm	Z mm	g			€
191076042UNW	76,1 x 42	155	119	482	4	4	**86,83**
191076054UNW	76,1 x 54	164	123	539	4	4	**88,75**
191088054UNW	88,9 x 54	184	146	693	4	4	**96,56**
191108054UNW	108 x 54	190	149	841	2	2	**104,06**

B 10 33





193/000 NW

MANICOTTO FLANGIATO

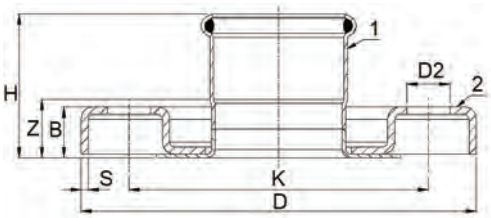
- ADAPTOR FLANGE
- ÜBERGANGSFLANSCH
- BRIDE DE RACCORDEMENT
- BRIDA ADAPTADOR

MATERIAL: AISI 304L – 1.4307
O-RING: EPDM nero - black - Schwarz - noir - negro

PN 16

CODE	De mm	DN flg	H mm	Z mm	B mm	D mm	D2 mm	Holes Nr.	K mm	g			€
193076000NW	76,1	65	105	50	18	185	18	4	145	3184	2	2	**379,99**
193088000NW	88,9	80	116	56	20	200	18	8	160	3950	2	2	**453,42**
193108000NW	108	100	132	57	20	220	18	8	180	4729	2	2	**539,71**

B 10 33





193/001 NW

MANICOTTO CON FLANGIA SCORREVOLE

- ADAPTOR LOOSE FLANGE
- UBERGANGSLOSFLANSCH
- BRIDE TOURNANTE DE RACCORDEMENT
- BRIDA LOCA CON ADAPTADOR

MATERIAL: 1 - AISI 304L – 1.4307
2 - AISI 304 – 1.4301
O-RING: EPDM nero - black - Schwarz - noir - negro

PN 10

CODE	De mm	DN flg	H mm	Z mm	B mm	D mm	D2 mm	Holes Nr.	K mm	g			€
193076001NW	76,1	65	86,5	31,5	23,5	185	18	4	145	1638	2	2	**194,43**
193088001NW	88,9	80	96	36	23,5	200	18	8	160	1879	2	2	**228,21**
193108001NW	108	100	116	41	24	220	18	8	180	2283	2	2	**251,87**

Certificazioni / Certifications

	SYSTÈMES DE CANALISATIONS DE DISTRIBUTION D'EAU – SYSTÈME STEELPRES	79 -1975 - V2	Ø 15 – 108 mm
	TUBE FITTINGS – STEELPRES	TAP000017J	Ø 15 – 108 mm
	TUZVEDELMI MEGFELELŐSÉGÉRŐL	TMI – 3/2025	Ø 12 – 108 mm
	HORGANYZOTT ACÉL CSÖVEK ÉS PRÉSIDOMOK STEELPRES PVC BEVONATOS HORGANYZOTT ACÉL CSÖVEK	A-42/2017	Ø 15 – 108 mm
	LACZNIKI ZAPRASOWYWANE ZE STALI SYSTEMU INOXPRES I STEELPRES DO LACZENIA RUR ZE STALI	ITB-KOT-2019/1222	Ø 15 – 108 mm
	RURY I ŁĄCZNIKI ZAPRASOWYWANE STEELPRES DN20 ÷ DN100 DO STAŁYCH URZĄDZEŃ GAŚNICZYCH WODNYCH	ITB-KOT-2020/1502	Ø 22 – 108 mm
	SYSTÉM OCEĽOVYCH RÚR A OCEĽOVYCH LISOVACÍCH TVAROVIEK STEELPRES	0026/104/2011	Ø 15 – 108 mm
	STEELPRES, PIPING SYSTEM AND FITTING	24-0113307-PDA	Ø 15 – 108 mm
	STEELPRES, MECHANICAL JOINTS	ML 24PTB00011	Ø 15 – 108 mm
	SYSTEM OF PIPES AND PRESS FITTINGS MADE OF CARBON STEEL	202/C5/2025/B-00158-25	Ø 12 – 108 mm

Campi di applicazione / Fields of application

steelPRES®

Riscaldamento
Heating

Raffrescamento
Cooling

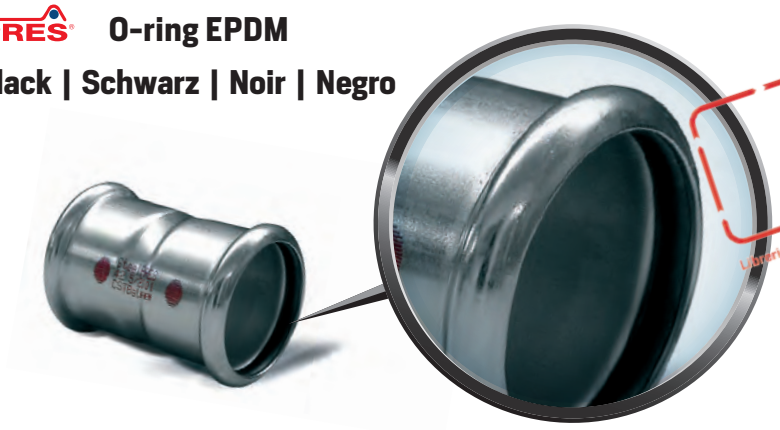
Solare termico con O-Ring FKM
Solar thermal with FKM O-Ring

BAR

Aria compressa
Compressed air

steelPRES **O-ring EPDM**

Nero | Black | Schwarz | Noir | Negro



BIM
Libreria BIM per REVIT - BIM library for REVIT

SCOPRI LA GAMMA
steelPRES
DISCOVER THE RANGE

steelPRES®



I prezzi dei tubi sono validi fino a nuova comunicazione.
Pipe prices are valid until new update.
Die Rohrpreise gelten bis auf weiteres .
Les prix des tubes sont valables jusqu'à nouvelle communication.
Los precios de las tuberías son válidos hasta nueva comunicación.

316/005

ZINCATO ESTERNAMENTE

- OUTSIDE GALVANIZED
- AUSSEN VERZINKT
- GALVANISÉS EXTÉRIEUR
- GALVANIZADO EXTERIOR

NORM: EN 10305-3

≤54 B 40 41
76÷108 B 40 42

Mat. Nr.: 1.0215 (E 220 CR2S4) L=6 m

CODE	Dimensions mm x mm	Ø int mm	L m	kg/m	Volume l/m	Minimum package m	Bundle m	€/m
316012005	12 x 1,2	9,6	6	0,320	0,072	150	1014	**5,07**
316015005	15 x 1,2	12,6	6	0,408	0,125	120	1014	**5,61**
316018005	18 x 1,2	15,6	6	0,497	0,191	90	1014	**6,12**
316022005	22 x 1,5	19	6	0,824	0,284	60	762	**9,36**
316028005	28 x 1,5	25	6	1,052	0,491	60	546	**12,26**
316035005	35 x 1,5	32	6	1,320	0,804	30	546	**15,68**
316042005	42 x 1,5	39	6	1,620	1,194	30	366	**18,38**
316054005	54 x 1,5	51	6	2,098	2,042	30	366	**25,55**
316076005	76,1 x 2,0	72,1	6	3,652	4,080	12	114	**55,00**
316088005	88,9 x 2,0	84,9	6	4,290	5,660	12	114	**68,29**
316108005	108 x 2,0	104	6	5,230	8,490	6	114	**83,86**

Raccomandato per impianti di riscaldamento
Recommended for heating installation
Empfehlt fuer Heizunagsanlagen
Recommandé pour installations de chauffage
Recomendado para instalaciones de calefacción



I prezzi dei tubi sono validi fino a nuova comunicazione.
Pipe prices are valid until new update.
Die Rohrpreise gelten bis auf weiteres .
Les prix des tubes sont valables jusqu'à nouvelle communication.
Los precios de las tuberías son válidos hasta nueva comunicación.

316/003

≤54 B 40 44
76÷108 B 40 45

ZINCATO ESTERNAMENTE CON RIVESTIMENTO IN PP

- OUTSIDE GALVANIZED WITH PP-COATING
- AUSSEN VERZINKT MIT PP-UMMANTELUNG
- GALVANISÉS EXTÉRIEUR AVEC REVÊTEMENT PP
- GALVANIZADO EXTERIOR, REVESTIMIENTO DE PP

NORM: EN 10305-3

Mat. Nr.: 1.0215 (E 220 CR2S4) + PP L=6 m

CODE	Dimensions mm x mm	Ø int mm	L m	kg/m	Volume l/m	Minimum package m	Bundle m	€/m
316012003	12 x 1,2	9,6	6	0,358	0,072	150	900	**8,87**
316015003	15 x 1,2	12,6	6	0,454	0,125	120	960	**10,03**
316018003	18 x 1,2	15,6	6	0,552	0,191	90	990	**11,08**
316022003	22 x 1,5	19	6	0,890	0,284	60	720	**15,47**
316028003	28 x 1,5	25	6	1,136	0,491	60	540	**19,57**
316035003	35 x 1,5	32	6	1,424	0,804	30	540	**25,17**
316042003	42 x 1,5	39	6	1,744	1,194	30	360	**29,28**
316054003	54 x 1,5	51	6	2,257	2,042	30	360	**39,74**
316076003	76,1 x 2,0	72,1	6	3,875	4,080	12	108	**79,55**
316088003	88,9 x 2,0	84,9	6	4,550	5,660	12	108	**96,26**
316108003	108 x 2,0	104	6	5,545	8,490	6	114	**117,14**

Spessore polipropilene: 1 mm
Polypropylene thickness: 1 mm
Dicken plypropylen: 1 mm
Polypropylène d'épaisseur: 1 mm
Polipropileno de espesor: 1 mm

Raccomandato per impianti di raffrescamento
Recommended for cooling installation
Empfehlt fuer Kuehlungsanlagen
Recommandé pour installations de refroidissement
Recomendado para instalaciones de refrigeracion



I prezzi dei tubi sono validi fino a nuova comunicazione.
Pipe prices are valid until new update.
Die Rohrpreise gelten bis auf weiteres .
Les prix des tubes sont valables jusqu'à nouvelle communication.
Los precios de las tuberías son válidos hasta nueva comunicación.

316/002

≤54 B 40 43
76÷108 B 40 46

ZINCATO INTERNAMENTE ED ESTERNAMENTE

- INSIDE AND OUTSIDE GALVANIZED
- INNEN UND AUSSEN VERZINKT
- GALVANISÉS INTÉRIEUR ET EXTÉRIEUR
- GALVANIZADO INTERIOR Y EXTERIOR

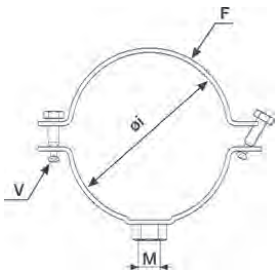
NORM: EN 10305-3

Mat. Nr.: 1.0031 (E 190 CR2S4) L=6 m

CODE	Dimensions mm x mm	Ø int mm	L m	kg/m	Volume l/m	Minimum package m	Bundle m	€/m
316022002	22 x 1,5	19	6	0,824	0,284	60	1770	**10,85**
316028002	28 x 1,5	25	6	1,052	0,491	60	1380	**14,18**
316035002	35 x 1,5	32	6	1,320	0,804	30	966	**18,13**
316042002	42 x 1,5	39	6	1,620	1,194	30	822	**21,27**
316054002	54 x 1,5	51	6	2,098	2,042	30	510	**29,56**
316076000	76,1 x 2,0	72,1	6	3,652	4,080	12	234	**63,20**
316088000	88,9 x 2,0	84,9	6	4,290	5,660	12	198	**78,54**
316108000	108 x 2,0	104	6	5,230	8,490	6	138	**96,47**

Solo per impianti d'aria compressa e gas inerti.
Only for compressed air and inert gases systems.
Nur für Druckluft und Inertgas.
Seulement pour les systèmes à air comprimé et à gaz inertes.
Sólo para sistemas de aire comprimido y gases inertes.

Y 20 21





351

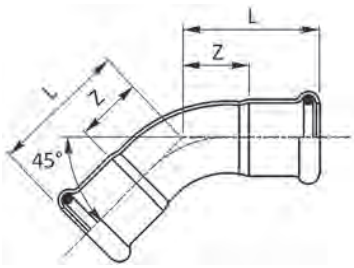
COLLARE PER TUBO STEELPRES

- CLAMP FOR STEELPRES PIPE
- ROHRSCHELLE FÜR STEELPRES ROHR
- COLLIER POUR TUBE STEELPRES
- ABRAZADERA PARA TUBO STEELPRES

MATERIAL: St. W 24
NOTE: dado saldato con puntatura elettrica
spot welded nut

CODE		DN mm	F lg x sp mm	V mm	g			€
351150001	**	15	20 x 2,5	M 6 x 20	60	2	50*	**3,97**
351308000		18	20 x 2,5	M 6 x 20	63	2	100*	**1,30**
351102000		22	20 x 2,5	M 6 x 20	65	2	100*	**1,23**
351304000		28	20 x 2,5	M 6 x 25	69	2	100*	**1,27**
351100000		35	20 x 2,5	M 6 x 25	78	2	100*	**1,29**
351114000		42	20 x 2,5	M 6 x 25	89	2	50*	**1,46**
351054000		54	20 x 2,5	M 6 x 25	100	2	50*	**1,61**
351212000		76,1	30 x 2,5	M 6 x 25	187	2	20*	**3,37**
351300000		88,9	30 x 2,5	M 6 x 25	215	2	20*	**3,54**
351108000		108	30 x 2,5	M 6 x 25	232	2	20*	**4,03**

(*) unità minima di vendita / minimum selling quantity
(**) Art. 351150001 Rivestimento in gomma – With rubber gasket – Mit Gummieinlage – Isophonique – Junta de goma (famiglia / family Y 20 25)





381/450

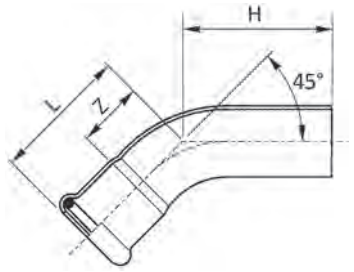
≤54 B 20 21
76÷108 B 20 22

CURVA 45° FF

- 45° ELBOW FF
- BOGEN 45° II
- COUDE FF 45°
- CURVA 45° HH

MATERIAL: E 195 - 1.0034
O-RING: EPDM nero - black - Schwarz - noir - negro

CODE	De mm	L mm	Z mm	g			€
381015450	15	27,5	7,5	37	20	400	**5,28**
381018450	18	29,5	9,5	45	20	300	**5,70**
381022450	22	32	11	59	20	200	**5,91**
381028450	28	37	14	87	10	100	**8,02**
381035450	35	43	17	124	10	60	**15,23**
381042450	42	51	21	175	4	40	**19,30**
381054450	54	62	30	282	2	20	**22,59**
381076450	76,1	131,5	76,5	910	2	2	**68,78**
381088450	88,9	144	84	1125	2	2	**99,49**
381108450	108	169	94	1620	2	2	**122,83**





381/451

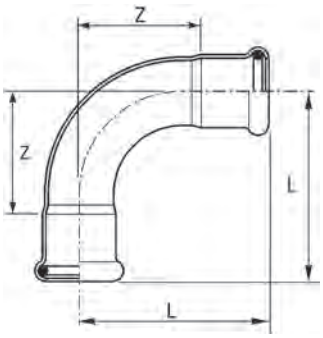
≤54 B 20 21
76÷108 B 20 22

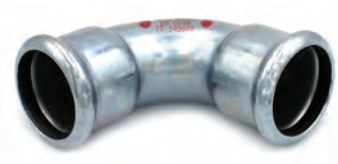
CURVA 45° MF

- 45° ELBOW MF
- BOGEN 45° IA
- COUDE MF 45°
- CURVA 45° HM

MATERIAL: E 195 - 1.0034
O-RING: EPDM nero - black - Schwarz - noir - negro

CODE	De mm	L mm	H mm	Z mm	g			€
381015451	15	27,5	36	7,5	39	20	400	**5,28**
381018451	18	29,5	38	9,5	46	20	300	**5,48**
381022451	22	32	42	11	60	20	200	**5,72**
381028451	28	37	46	14	88	10	100	**8,37**
381035451	35	43	57	17	135	10	60	**14,97**
381042451	42	51	72	21	196	4	40	**19,09**
381054451	54	62	82	26	300	2	20	**22,39**
381076451	76,1	131,5	149	76,5	870	2	2	**65,91**
381088451	88,9	144	159	84	1365	2	2	**96,52**
381108451	108	169	199	94	1922	2	2	**122,44**





381/900

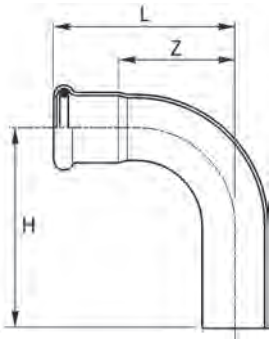
≤54 B 20 21
76÷108 B 20 22

CURVA 90° FF

- 90° ELBOW FF
- BOGEN 90° II
- COUDE FF 90°
- CURVA 90° HH

MATERIAL: E 195 - 1.0034
O-RING: EPDM nero - black - Schwarz - noir - negro

CODE	De mm	L mm	Z mm	g			€
381012900	12	42	24	42	20	400	5,35
381015900	15	38	18	44	20	400	4,54
381018900	18	41,5	21,5	55	20	300	4,88
381022900	22	47	26	73	10	150	5,62
381028900	28	56	33	109	10	100	7,68
381035900	35	68	42	156	5	50	16,62
381042900	42	80	50	231	2	30	27,48
381054900	54	100	64	369	2	18	32,71
381076900	76,1	160	105	1150	2	2	71,25
381088900	88,9	182	122	1560	2	2	98,25
381108900	108	220	145	2250	2	2	132,66





381/901

≤54 B 20 21
76÷108 B 20 22

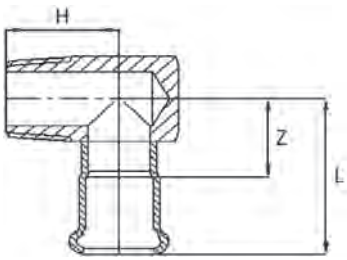
CURVA 90° MF

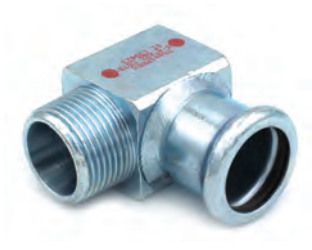
- 90° ELBOW MF
- BOGEN 90° IA
- COUDE MF 90°
- CURVA 90° HM

MATERIAL: E 195 - 1.0034
O-RING: EPDM nero - black - Schwarz - noir - negro

CODE	De mm	L mm	H mm	Z mm	g			€
381012901	12	42	48	24	46	20	400	5,84
381015901	15	38	48	18	44	20	400	4,96
381018901	18	41,5	48,5	21,5	56	20	300	5,33
381022901	22	47	57	26	77	10	150	6,13
381028901	28	56	64	33	113	10	100	7,60
381035901	35	68	82	42	174	5	50	16,62
381042901	42	80	101	50	235	2	30	28,20
381054901	54	100	120	64	385	2	18	33,58
381076901	76,1	160	180	105	1155	2	2	67,07
381088901	88,9	182	197	122	1585	2	2	105,96
381108901	108	220	236	145	2155	2	2	129,48

B 20 21





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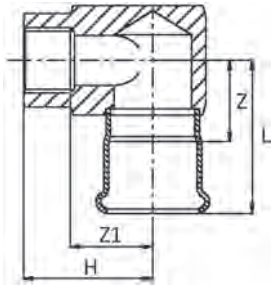
GOMITO MISTO 90° FILETTO M

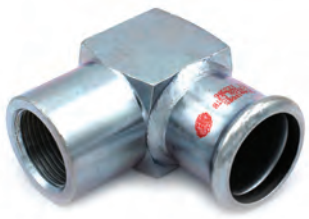
- ELBOW ADAPTER 90° WITH MALE THREAD
- ÜBERGANGSWINKEL 90° AG
- EQUERRE 90° AVEC FILETAGE M
- CODO MACHO

MATERIAL: E 195 - 1.0034
O-RING: EPDM nero - black - Schwarz - noir - negro
THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x R mm x inch	L mm	H mm	Z mm	g			€
385308015	15 x 3/8"	36	21	16	90	20	200	**15,94**
385102015	15 x 1/2"	37	26	17	94	20	200	**16,52**
385102018	18 x 1/2"	37	26	17	105	10	100	**17,90**
385304022	22 x 3/4"	41	29	20	149	10	100	**21,42**

B 20 21





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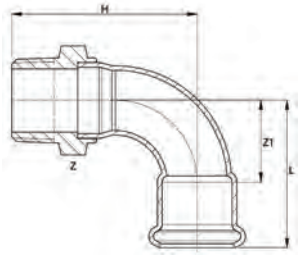
GOMITO MISTO 90° FILETTO M

- ELBOW ADAPTER 90° WITH MALE THREAD
- ÜBERGANGSWINKEL 90° AG
- EQUERRE 90° AVEC FILETAGE M
- CODO MACHO

MATERIAL: E 195 - 1.0034
O-RING: EPDM nero - black - Schwarz - noir - negro
THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x Rp mm x inch	L mm	H mm	Z mm	Z1 mm	g			€
398304022	22 x 3/4"	46	44	25	27	270	10	50	**31,27**
398102028	28 x 1/2"	49	42	26	27	300	10	50	**31,73**
398304028	28 x 3/4"	49	47	26	30	330	10	50	**31,73**

B 20 21





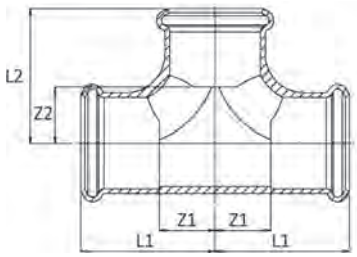
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CURVA FILETTATA 90° FILETTO M

- 90° ELBOW MALE BSP
- BOGEN 90° MIT AG
- COUDE 90° AVEC FILETAGE M
- CODO A 90° MH

MATERIAL: E 195 - 1.0034
O-RING: EPDM nero - black - Schwarz - noir - negro
THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x R mm x inch	L mm	H mm	Z mm	Z1 mm	g			€
397308012	12 x 3/8"	34,5	37	22	24	42	20	300	**14,79**
397308015C	15 x 3/8"	38	47,5	21	18	62	20	300	**13,58**
397102015C	15 x 1/2"	38	47	21	18	69	20	300	**15,10**
397102018C	18 x 1/2"	41.6	50	24	21.6	82	20	200	**15,32**
397304022C	22 x 3/4"	47	59	30	26	122	10	100	**18,87**
397100028C	28 x 1"	56	67	36	33	189	10	50	**23,61**
397114035	35 x 1"1/4	68	80	46	42	262	5	40	**38,57**
397112042	42 x 1"1/2	80	98	60	50	413	2	20	**59,34**
397200054	54 x 2"	100	131,5	65	65	482	2	12	**85,57**





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"T"

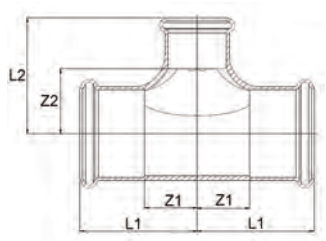
- EQUAL TEE
- T-STÜCK
- TÉ ÉGAL
- TE IGUAL HHH

MATERIAL: E 195 - 1.0034
O-RING: EPDM nero - black - Schwarz - noir - negro

≤54 B 20 21
76÷108 B 20 22

CODE	De mm	L1 mm	L2 mm	Z1 mm	Z2 mm	g			€
382012000	12	28	35	10	17	48	20	200	**12,12**
382015000*	15	32	32	10,5	10,5	72	20	200	**11,40**
382018000*	18	34	34	12,5	12,5	85	20	100	**12,04**
382022000*	22	37	37	14,5	14,5	116	20	100	**12,56**
382028000*	28	42	42	17, 5	17,5	173	10	50	**16,04**
382035000*	35	50	50	22, 5	22,5	240	4	32	**23,83**
382042000*	42	57	57	25,5	25,5	337	4	20	**34,66**
382054000*	54	69	69	32,5	32,5	473	2	12	**41,51**
382076000	76,1	108	118	52	63	1275	2	2	**153,63**
382088000	88,9	132	131	72	71	1535	2	2	**176,45**
382108000	108	155	160	80	85	2115	2	2	**222,96**

(*) idroformato - hydroformed - hydrogeformt - hydroformé - hidroformado





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≤54 B 20 21
76÷108 B 20 22

"T" RIDOTTO

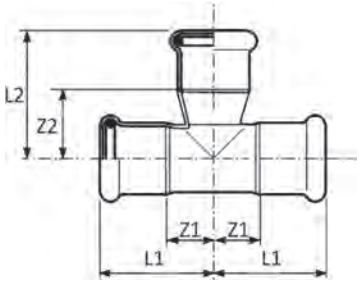
- REDUCING TEE
- T-STÜCK MIT REDUZIERTEM ABGANG
- TÉ RÉDUIT
- TE REDUCIDA HHH

MATERIAL: E 195 - 1.0034
O-RING: EPDM nero - black - Schwarz - noir - negro

CODE	De mm	L1 mm	L2 mm	Z1 mm	Z2 mm	g			€
392015012	15 x 12 x 15	37	33	16	15	64	20	100	**13,32**
392018012	18 x 12 x 18	40	34	19	16	72	20	100	**13,45**
392018015*	18 x 15 x 18	34	35	12,5	13,5	83	20	100	**13,15**
392022012	22 x 12 x 22	41	36	18	18	94	10	100	**17,64**
392022015*	22 x 15 x 22	37	38	14,5	16,5	110	10	100	**13,99**
392022018*	22 x 18 x 22	37	38	14,5	16	112	10	100	**14,31**
392028015*	28 x 15 x 28	42	40,5	17,5	19	146	10	50	**18,09**
392028018*	28 x 18 x 28	42	40,5	17,5	19	150	10	50	**18,72**
392028022*	28 x 22 x 28	42	41	17,5	20	155	10	50	**19,29**
392035015	35 x 15 x 35	50	44	24	24	205	5	50	**24,88**
392035018*	35 x 18 x 35	50	44	24	24	191	5	50	**26,64**
392035022*	35 x 22 x 35	50	44	22,5	23	207	5	50	**27,16**
392035028*	35 x 28 x 35	50	44	22,5	19,5	213	5	35	**27,47**
392042022*	42 x 22 x 42	57	53	25,5	30,5	285	4	20	**34,04**
392042028*	42 x 28 x 42	57	56	25,5	38	295	4	20	**34,93**
392042035*	42 x 35 x 42	57	61	25,5	33,5	311	4	20	**36,31**
392054022*	54 x 22 x 54	69	59	32,5	36,5	420	2	16	**40,52**
392054028*	54 x 28 x 54	69	64	32,5	39,5	432	2	16	**41,38**
392054035*	54 x 35 x 54	69	67	32,5	39,5	443	2	16	**42,41**
392054042*	54 x 42 x 54	69	70	32,5	38,5	461	2	16	**44,96**
392076022	76,1 x 22 x 76,1	108	74	52	53	995	2	2	**139,76**
392076028	76,1 x 28 x 76,1	108	77	52	54	1015	2	2	**141,48**
392076035	76,1 x 35 x 76,1	108	80	52	54	1025	2	2	**144,50**
392076042	76,1 x 42 x 76,1	108	84	52	54	1045	2	2	**147,50**
392076054	76,1 x 54 x 76,1	108	91	52	55	1065	2	2	**149,11**
392088028	88,9 x 28 x 88,9	132	84	72	61	1365	2	2	**153,50**
392088035	88,9 x 35 x 88,9	132	88	72	62	1395	2	2	**156,56**
392088042	88,9 x 42 x 88,9	132	91	72	61	1425	2	2	**162,55**
392088054	88,9 x 54 x 88,9	132	98	72	63	1455	2	2	**168,59**
392088076	88,9 x 76,1 x 88,9	132	125	72	70	1485	2	2	**175,34**
392108028	108 x 28 x 108	155	94	80	71	1815	2	2	**188,17**
392108035	108 x 35 x 108	155	97	80	71	1845	2	2	**192,67**
392108042	108 x 42 x 108	155	101	80	71	1875	2	2	**195,67**
392108054	108 x 54 x 108	155	108	80	72	1905	2	2	**198,69**
392108076	108 x 76,1 x 108	155	135	80	80	1935	2	2	**204,70**
392108088	108 x 88,9 x 108	155	144	80	84	1965	2	2	**219,14**
392088018	88,9 x 18 x 88,9	132	80	72	60	1279	2	2	**153,30**

(*) idroformato - hydroformed - hydrogeformt - hydroformé - hidroformado

B 20 21





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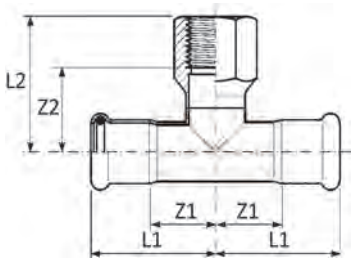
TEE ALLARGATO

- TEE OVERSIZE BRANCH
- T-STÜCK MIT ERWEITERTEM ABGANG
- TÉ AVEC SORTIE ÉVASÉE
- TE CON SALIDA ENSANCHADA

MATERIAL: E 195 - 1.0034
O-RING: EPDM nero - black - Schwarz - noir - negro

CODE	De mm	L1 mm	L2 mm	Z1 mm	Z2 mm	g			€
392012015	12 x 15 x 12	28	38	10	17	52	20	100	20,91
392015018	15 x 18 x 15	37	36	16	15	71	20	100	22,57
392015022	15 x 22 x 15	37	42	16	19	84	10	100	25,22
392018022	18 x 22 x 18	40	45	19	22	97	10	100	25,68
392022028	22 x 28 x 22	41	45	18	21	123	10	50	26,71

≤54 B 20 21
76÷108 B 20 22





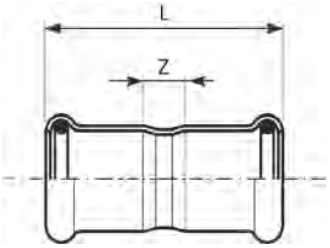
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"T" CON DERIVAZIONE FILETTO F

- BRANCH TEE FEMALE BSP OUTLET
- T-STÜCK MIT ABGANG IG
- TÉ MIXTE AVEC FILETAGE F
- TE HEMBRA ROSCADA

MATERIAL: E 195 - 1.0034
O-RING: EPDM nero - black - Schwarz - noir - negro
THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x Rp x De mm x inch x mm	L1 mm	L2 mm	Z1 mm	Z2 mm	g			€
389102015	15 x 1/2" x 15	34,5	36	14	21	72	20	100	14,54
389102018	18 x 1/2" x 18	36,5	38	16	23	91	20	100	14,85
389102022	22 x 1/2" x 22	39	39	18	24	128	10	100	15,40
389304022	22 x 3/4" x 22	39	44	18	28	133	10	100	19,57
389102028	28 x 1/2" x 28	44	42	21	27	158	10	50	18,25
389304028	28 x 3/4" x 28	44	47	21	30	161	10	50	20,01
389100028	28 x 1" x 28	44	52,5	21	34	246	5	50	25,82
389102035	35 x 1/2" x 35	51	45	25	30	200	5	50	22,82
389304035	35 x 3/4" x 35	51	50	25	34	191	5	40	30,14
389100035	35 x 1" x 35	51	56	25	37	250	5	40	32,26
389102042	42 x 1/2" x 42	59	49	28	34	255	4	32	34,22
389304042	42 x 3/4" x 42	59	54	28	37	255	4	32	40,02
389102054	54 x 1/2" x 54	70	56	34	41	300	2	14	39,59
389304054	54 x 3/4" x 54	70	61	34	45	353	2	14	42,09
389100054	54 x 1" x 54	70	56	34	41	441	2	14	62,50
389102076	76,1 x 1/2" x 76,1	108	68	52	53	1040	2	2	182,26
389304076	76,1 x 3/4" x 76,1	108	77	52	60	1040	2	2	187,50
389102088	88,9 x 1/2" x 88,9	132	76	72	61	1255	2	2	199,25
389304088	88,9 x 3/4" x 88,9	132	84	72	68	1255	2	2	204,55
389102108	108 x 1/2" x 108	155	85	74	70	1700	2	2	247,86
389304108	108 x 3/4" x 108	155	94	74	77	1700	2	2	255,65





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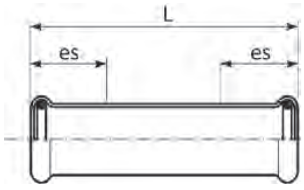
≤54 B 20 21
76÷108 B 20 22

MANICOTTO

- COUPLING
- MUFFE
- MANCHON
- MANGUITO HH

MATERIAL: E 195 - 1.0034
O-RING: EPDM nero - black - Schwarz - noir - negro

CODE	De mm	L mm	Z mm	g			€
383012000	12	42	6	25	20	500	**4,24**
383015000	15	49	9	33	20	500	**3,32**
383018000	18	50	10	40	20	300	**3,49**
383022000	22	53	11	52	20	200	**3,88**
383028000	28	56	10	69	10	150	**4,72**
383035000	35	63	10	90	10	100	**7,82**
383042000	42	72	12	127	4	60	**10,59**
383054000	54	83	13	189	2	24	**12,61**
383076000	76,1	142	32	635	4	4	**39,29**
383088000	88,9	166	46	765	4	4	**49,44**
383108000	108	203	41	1170	2	2	**65,90**





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≤54 B 20 21
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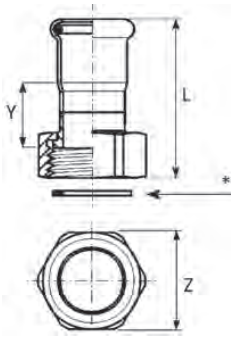
MANICOTTO PASSANTE

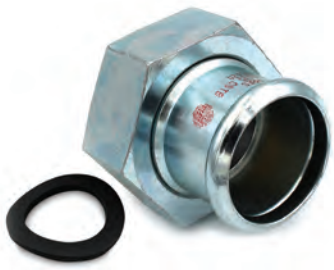
- SLIP COUPLING
- SCHIEBEMUFFE
- MANCHON LONG
- MANGUITO SIN TOPE

MATERIAL: E 195 - 1.0034
O-RING: EPDM nero - black - Schwarz - noir - negro

CODE	De mm	L mm	es mm	g			€
383012001	12	56	22	42	20	500	**5,24**
383015001	15	81	25	55	20	200	**4,70**
383018001	18	81	25	59	20	200	**5,28**
383022001	22	84,5	25	81	20	100	**5,62**
383028001	28	92	30	111	10	100	**6,93**
383035001	35	102,5	30	150	10	50	**14,63**
383042001	42	117,5	40	213	4	40	**17,16**
383054001	54	139	40	314	4	20	**19,41**
383076001	76,1	230	60	940	2	2	**60,85**
383088001	88,9	260	70	1240	2	2	**81,38**
383108001	108	310	80	1835	2	2	**87,82**

B 20 21





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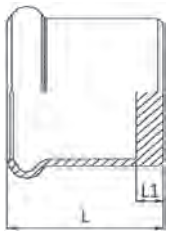
MANICOTTO CON DADO FOLLE

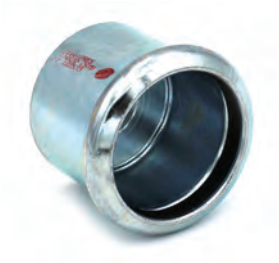
- VALVE CONNECTOR
- ANSCHLUSSVERSCHRAUBUNG
- RACCORD ÉCROU LIBRE
- RÁCOR DOS PIEZAS

MATERIAL: E 195 - 1.0034
O-RING: EPDM nero - black - Schwarz - noir - negro
GASKET: (*): EPDM nero - black - Schwarz - noir - negro
THREAD: ISO 228/1 (ex DIN 259)

CODE	De x G mm x inch	L mm	Z mm	Y mm	Gasket mm	g			€
383015002	15 x 3/4"	37	30	10	24x14 thk 2,5	60	10	250	13,16
383018002	18 x 3/4"	37	30	10	24x14 thk 2,5	68	10	250	13,56
383022012	22 x 3/4"	54	30	25	24x14 thk 2,5	103	10	200	14,91
383022002	22 x 1"	40	36	10	30x20 thk 2,5	86	10	200	14,50
383022022	22 x 1"1/2	42,5	55	14	44,5x30 thk 2,5	305	10	80	14,68
383028012	28 x 1"	58	36	27	30x20 thk 2,5	142	10	150	19,75
383028002	28 x 1"1/4	47	46	14	39x27 thk 2,5	136	10	150	19,69
383028022	28 x 1"1/2	48	55	14	44,5x30 thk 2,5	300	10	60	20,96
383035012	35 x 1"1/4	67	46	32	39x27 thk 2,5	237	4	60	26,25
383035002	35 x 1"1/2	52	55	14	44,5x30 thk 2,5	292	4	60	26,25
383042022	42 x 1"1/2	77	55	35	44,5x30 thk 2,5	422	2	40	37,26
383042002	42 x 1"3/4	55	60	14	50,5x38 thk 2,5	360	2	60	37,26
383042012	42 x 2"	56	65	14,5	56x42 thk 2,5	310	2	40	37,26
383054012	54 x 2"	83	65	36,5	56x42 thk 2,5	475	2	30	52,45
383054002	54 x 2"3/8	60	75	15	65,5x45 thk 3	442	2	40	52,67
383054022	54 x 2"1/2	65,5	81	16	71,5x53 thk 3	537	2	24	63,79

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76÷108 B 20 22





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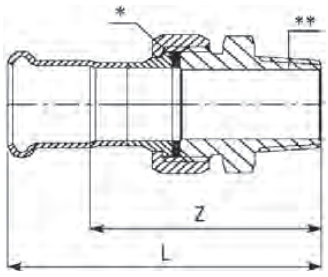
TAPPO DI CHIUSURA

- STOP END
- VERSCHLUSSKAPPE
- BOUCHON D'OBTURATION
- TAPÓN

MATERIAL: E 195 - 1.0034
O-RING: EPDM nero - black - Schwarz - noir - negro

CODE	De mm	L mm	L1 mm	g			€
383012003	12	30	13	21	20	500	7,98
383015003	15	26	5	28	20	500	6,68
383018003	18	26	5	30	10	300	7,17
383022003	22	27	5	40	10	200	7,88
383028003	28	29	5	57	10	150	10,52
383035003	35	32	5	80	5	100	12,66
383042003	42	36	5	115	4	80	19,62
383054003	54	41	5	177	4	40	23,88
383076003	76,1	78	6	540	2	10	47,85
383088003	88,9	88	6	730	2	10	58,96
383108003	108	102	6	935	2	2	82,36

B 20 21





384/000

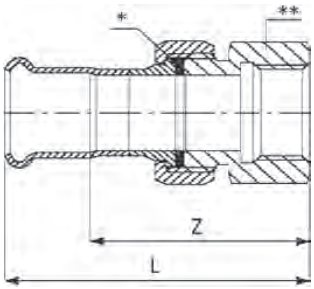
BOCCHETTONE SEDE PIANA FILETTO M

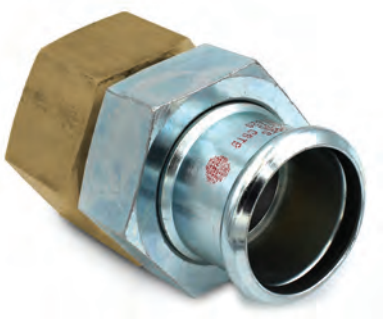
- STRAIGHT MALE UNION CONNECTOR
- DURCHGANGSVERSCHRAUBUNG MIT AUSSENGEWINDE
- RACCORD UNION FILETÉ
- RÁCOR 3 PIEZAS ROSCADO MACHO

MATERIAL: E 195 - 1.0034
FITTING: (**): ottone - brass - Messing - laiton - latón
O-RING: EPDM nero - black - Schwarz - noir - negro
GASKET: (*): EPDM nero - black - Schwarz - noir - negro
THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x R mm x inch	L mm	Z mm	Gasket mm	g			€
384015000	15 x 1/2"	64	44	24x14 thk 2,5	146	2	120	**26,16**
384018000	18 x 1/2"	64	44	24x14 thk 2,5	176	2	120	**30,32**
384022000	22 x 3/4"	69	46	30x20 thk 2,5	202	2	100	**35,02**
384028000	28 x 1"	80	56	39x27 thk 2,5	468	2	60	**37,10**
384035000	35 x 1"1/4	89	62	44,5x30 thk 2,5	618	2	40	**51,24**
384042000	42 x 1"1/2	93	61	50,5x38 thk 2,5	824	2	30	**78,29**
384054000	54 x 2"	104	66	65,5x45 thk 3	1178	2	20	**178,09**

B 20 21





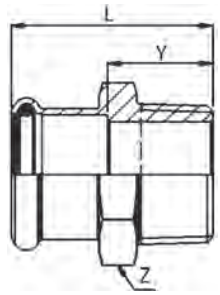
384/001

BOCCHETTONE SEDE PIANA FILETTO F

- STRAIGHT FEMALE UNION CONNECTOR
- DURCHGANGSVERSCHRAUBUNG MIT INNENGEWINDE
- RACCORD UNION TARAUDÉ
- RÁCOR 3 PIEZAS HEMBRA

MATERIAL: E 195 - 1.0034
FITTING: (**): ottone - brass - Messing - laiton - latón
O-RING: EPDM nero - black - Schwarz - noir - negro
GASKET: (*): EPDM nero - black - Schwarz - noir - negro
THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x Rp mm x inch	L mm	Z mm	Gasket mm	g			€
384015001	15 x 1/2"	59	38	24x14 thk 2,5	138	2	120	**29,82**
384018001	18 x 1/2"	59	38	24x14 thk 2,5	140	2	120	**31,11**
384022001	22 x 3/4"	64	41	30x20 thk 2,5	209	2	100	**36,28**
384028001	28 x 1"	73	49	39x27 thk 2,5	450	2	60	**51,61**
384035001	35 x 1"1/4	81	54	44,5x30 thk 2,5	600	2	40	**66,92**
384042001	42 x 1"1/2	85	53	50,5x38 thk 2,5	621	2	30	**98,99**
384054001	54 x 2"	102	66	65,5x45 thk 3	1189	2	20	**125,52**





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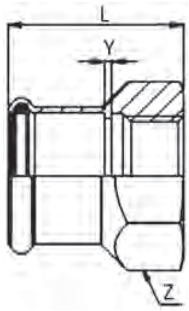
MANICOTTO MISTO FILETTO M

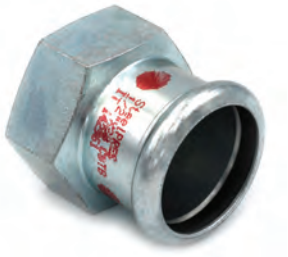
- MALE ADAPTER
- ÜBERGANGSSTÜCK MIT AG
- RACCORD AVEC FILETAGE MALE
- UNIÓN MACHO

MATERIAL: E 195 - 1.0034
O-RING: EPDM nero - black - Schwarz - noir - negro
THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x R mm x inch	L mm	Z mm	Y mm	g			€
387308012	12 x 3/8"	38	19	21	41	20	300	**9,40**
387308015	15 x 3/8"	41	24	21	58	20	400	**9,45**
387102015	15 x 1/2"	44	24	24	65	20	300	**9,45**
387304015	15 x 3/4"	44	27	24	78	10	200	**9,69**
387102018	18 x 1/2"	44	27	24	72	20	300	**9,73**
387304018	18 x 3/4"	45	30	25	107	10	200	**11,40**
387102022	22 x 1/2"	42	32	21	60	10	200	**10,89**
387304022	22 x 3/4"	45	32	25	93	10	200	**10,90**
387100022	22 x 1"	46	36	25	154	10	100	**12,24**
387304028	28 x 3/4"	47	38	24	114	10	100	**13,22**
387100028	28 x 1"	48	38	25	116	10	100	**13,62**
387114028	28 x 1"1/4	52	46	29	195	5	50	**14,72**
387100035	35 x 1"	52	46	25	169	5	50	**17,20**
387114035	35 x 1"1/4	56	46	29	205	5	50	**17,57**
387112035	35 x 1"1/2	55	50	28	220	5	50	**18,63**
387112042	42 x 1"1/2	63	55	33	250	4	40	**20,00**
387200054	54 x 2"	72	65	36	356	4	32	**31,66**
387212076	76,1 x 2"1/2	98	83	43	752	2	8	**135,60**
387300088	88,9 x 3"	111	98	51	1191	2	4	**202,85**
387400108	108 x 4"	132	118	57	1802	2	2	**220,83**

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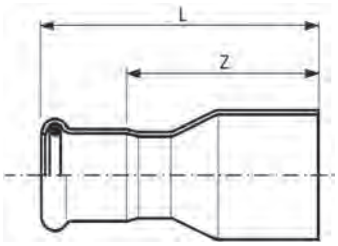
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MANICOTTO MISTO FILETTO F

- FEMALE ADAPTER
- ÜBERGANGSSTÜCK MIT IG
- RACCORD AVEC FILETAGE FEMELLE
- UNIÓN HEMBRA

MATERIAL: E 195 - 1.0034
O-RING: EPDM nero - black - Schwarz - noir - negro
THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x Rp mm x inch	L mm	Z mm	Y mm	g			€
390102012	12 x 1/2"	36	27	3	55	20	300	**13,80**
390308015	15 x 3/8"	35	24	2	48	20	300	**9,46**
390102015	15 x 1/2"	38	27	2	60	20	300	**9,46**
390304015	15 x 3/4"	39	32	2	78	10	200	**9,72**
390102018	18 x 1/2"	38	27	2	60	20	300	**9,72**
390304018	18 x 3/4"	39	32	2	78	10	200	**11,66**
390102022	22 x 1/2"	39	32	2	96	10	200	**11,92**
390304022	22 x 3/4"	40	32	2	81	10	150	**12,09**
390100022	22 x 1"	43	41	2	147	10	100	**13,65**
390102028	28 x 1/2"	41	38	2	155	10	100	**12,74**
390304028	28 x 3/4"	42	38	2	132	10	100	**14,02**
390100028	28 x 1"	45	41	2	147	10	100	**14,02**
390100035	35 x 1"	51	46	2	218	5	50	**15,48**
390114035	35 x 1"1/4	52	46	2	154	5	50	**16,34**
390112042	42 x 1"1/2	56	55	2	245	4	40	**17,91**
390200054	54 x 2"	65	65	2	329	4	32	**29,97**





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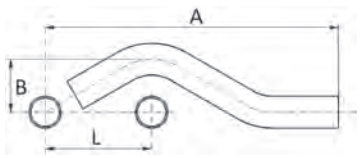
≤54 B 20 21
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RIDUZIONE MF

- REDUCER
- REDUZIERSTÜCK
- REDUCTION
- REDUCCIÓN MH

MATERIAL: E 195 - 1.0034
O-RING: EPDM nero - black - Schwarz - noir - negro

CODE	De mm	L mm	Z mm	g			€
391015012	15 x 12	51	33	29	20	500	5,20
391018012	18 x 12	53	35	32	20	500	5,20
391018015	18 x 15	57	37	36	20	500	4,93
391022012	22 x 12	60	42	41	20	300	5,69
391022015	22 x 15	64	44	45	20	300	4,93
391022018	22 x 18	60	40	48	20	300	5,32
391028015	28 x 15	76,5	56,5	50	20	200	9,07
391028018	28 x 18	68	48	62	20	200	7,80
391028022	28 x 22	65	42,5	59	20	200	4,84
391035022	35 x 22	70	49	89	10	100	6,63
391035028	35 x 28	71	48	91	10	100	5,66
391042022	42 x 22	97	76	120	4	80	22,91
391042028	42 x 28	93	70	127	4	80	22,91
391042035	42 x 35	81	55	130	4	40	19,72
391054022	54 x 22	104	83	192	4	40	40,71
391054028	54 x 28	108,5	85,5	155	4	40	40,71
391054035	54 x 35	108	82	189	4	40	35,75
391054042	54 x 42	97,5	67,5	205	4	32	22,24
391076042	76,1 x 42	157	127	506	4	4	60,39
391076054	76,1 x 54	159	124	517	4	4	55,76
391088054	88,9 x 54	179	143	667	4	4	71,71
391088076	88,9 x 76,1	184	129	792	4	4	84,97
391108076	108 x 76,1	203	148	983	2	2	90,91
391108088	108 x 88,9	207	147	1079	2	2	108,87





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B 20 21

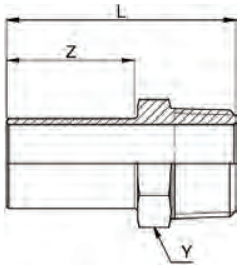
"S" DI SCAVALCAMENTO MM

- PIPE BRIDGE
- SPRUNGBOGEN
- "S" DE CHEVAUCHEMENT MALE
- "S" DE SUPERPOSICIÓN MM

MATERIAL: E 195 - 1.0034

CODE	De mm	L mm	A mm	B mm	g			€
379012000	12	55	154	35	10	10	150	7,09
379015000	15	57	158	30	14	10	150	7,62
379018000	18	60	166	31	17	10	100	8,50
379022000	22	65	179	33	29	10	50	10,19
379028000	28	73	206	36	44	10	50	12,09

B 20 21





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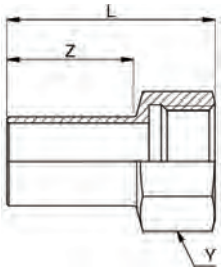
MANICOTTO CON INSERIMENTO FILETTO M

- MALE REDUCTION SOCKET
- ÜBERGANG AUSSENGEWINDE MIT EINSCHUBENDE
- MANCHON DE RÉDUCTION FILETÉ
- ADAPTADOR MACHO

MATERIAL: E 195 - 1.0034
THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x R mm x inch	L mm	Z mm	Y mm	g			€
393102115	15 x 1/2"	52	31	22	56	20	300	**7,49**
393102118	18 x 1/2"	52	31	22	49	20	300	**8,17**
393304118	18 x 3/4"	55	31	27	93	20	200	**8,66**
393102122	22 x 1/2"	55	32	27	68	10	200	**9,24**
393304122	22 x 3/4"	56	32	27	78	10	200	**11,21**
393100128	28 x 1"	64	37	38	141	10	100	**16,19**

B 20 21





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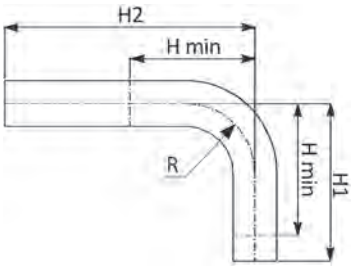
MANICOTTO CON INSERIMENTO FILETTO F

- FEMALE REDUCTION SOCKET
- ÜBERGANG INNENGEWINDE MIT EINSCHUBENDE
- MANCHON DE RÉDUCTION AVEC TARAUDAGE
- ADAPTADOR HEMBRA

MATERIAL: E 195 - 1.0034
THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x Rp mm x inch	L mm	Z mm	Y mm	g			€
393102015	15 x 1/2"	52	37	24	49	20	400	**6,81**
393102018	18 x 1/2"	52	37	24	50	20	400	**7,36**
393304018	18 x 3/4"	51	37	30	62	20	300	**8,24**
393102022	22 x 1/2"	52	37	24	51	20	300	**9,15**
393304022	22 x 3/4"	52	38	30	63	20	300	**10,62**

B 20 21





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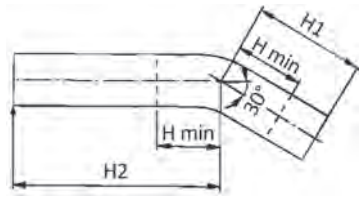
TUBO CURVO 90°

- 90° ELBOW MM
- PASSBOGEN 90°
- COUDE D'AJUSTEMENT 90°
- TUBO RICURVO 90° MM

MATERIAL: E 195 - 1.0034

CODE	De mm	H1 mm	H min mm	H2 mm	R mm	g			€
394015900	15	70	48	120	35	87	20	160	**6,57**
394018900	18	70	53	120	38	105	20	120	**7,35**
394022900	22	70	61	120	40	130	10	100	**7,47**
394028900	28	97	80	125	45	197	10	50	**8,51**
394035900	35	120	90	200	42	372	4	20	**19,49**
394042900	42	160	115	250	50	578	2	10	**30,07**
394054900	54	300	140	305	65	1114	2	4	**40,97**

B 20 21





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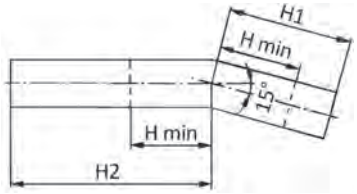
TUBO CURVO 30°

- 30° ELBOW MM
- PASSBOGEN 30°
- COUDE D'AJUSTEMENT 30°
- TUBO RICURVO 30° MM

MATERIAL: E 195 - 1.0034

CODE	De mm	H1 mm	H min mm	H2 mm	g			€
394028300	28	54	47	130	179	10	50	13,94
394035300	35	80	50	218	366	4	24	26,29
394042300	42	98	54	274	553	2	10	38,74
394054300	54	137	72	324	888	2	2	50,75

B 20 21





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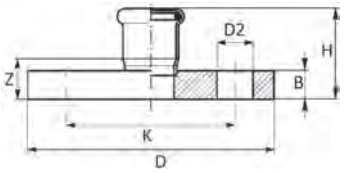
TUBO CURVO 15°

- 15° ELBOW MM
- PASSBOGEN 15°
- COUDE D'AJUSTEMENT 15°
- TUBO RICURVO 15° MM

MATERIAL: E 195 - 1.0034

CODE	De mm	H1 mm	H min mm	H2 mm	g			€
394028150	28	45	38	136	176	10	50	13,94
394035150	35	62	32	234	364	4	24	26,29
394042150	42	94	50	276	551	2	10	38,74
394054150	54	117	52	337	876	2	2	50,75

≤54 B 20 21
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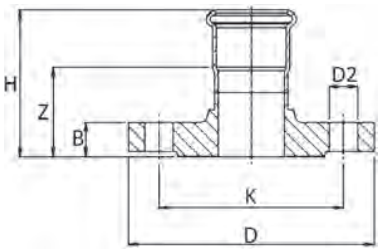
MANICOTTO FLANGIATO

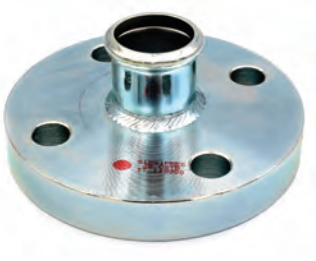
- ADAPTOR FLANGE
- ÜBERGANGSFLANSCH
- BRIDE DE RACCORDEMENT
- BRIDA ADAPTADOR

MATERIAL: E 195 - 1.0034
O-RING: EPDM nero - black - Schwarz - noir - negro

PN 6

CODE	De mm	DN flg	H mm	Z mm	B mm	D mm	D2 mm	Holes Nr.	K mm	g			€
393015002	15	15	39	19	12	80	11	4	55	434	2	20	44,28
393018002	18	15	39,5	19,5	12	80	11	4	55	431	2	20	46,67
393022002	22	20	42,5	21,5	14	90	11	4	65	636	2	14	50,27
393028002	28	25	45,5	22,5	14	100	11	4	75	784	2	10	59,26
393035002	35	32	51	25,5	16	120	14	4	90	1259	2	6	68,23
393042002	42	40	55	25	16	130	14	4	100	1472	2	6	75,43
393054002	54	50	62	26	16	140	14	4	110	1657	2	4	91,60
393076002	76,1	65	100,5	45,5	14	160	14	4	130	1849	2	2	161,61
393088002	88,9	80	112	52	16	190	18	4	150	2879	2	2	183,17
393108002	108	100	128	53	16	210	18	4	170	3488	2	2	269,37





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≤54 B 20 21
76÷108 B 20 22

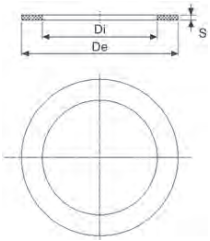
MANICOTTO FLANGIATO

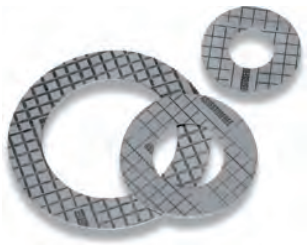
- ADAPTOR FLANGE
- ÜBERGANGSFLANSCH
- BRIDE DE RACCORDEMENT
- BRIDA ADAPTADOR

MATERIAL: E 195 - 1.0034
O-RING: EPDM nero - black - Schwarz - noir - negro

PN 16

CODE	De mm	DN flg	H mm	Z mm	B mm	D mm	D2 mm	Holes Nr.	K mm	g			€
393015000	15	15	43	23	16	95	14	4	65	578	2	20	54,04
393018000	18	15	44	24	16	95	14	4	65	572	2	20	56,06
393022000	22	20	47	26	18	105	14	4	75	754	2	14	60,93
393028000	28	25	50	27	18	115	14	4	85	1094	2	10	67,46
393035000	35	32	53	27	18	140	18	4	100	1672	2	6	84,37
393042000	42	40	57	27	18	150	18	4	110	1988	2	6	95,62
393054000	54	50	64	28	18	165	18	4	125	2666	2	4	118,48
393076000	76,1	65	104,5	49,5	18	185	18	8	145	2994	2	2	187,49
393088000	88,9	80	116	56	20	200	18	8	160	3861	2	2	221,58
393108000	108	100	132	57	20	220	18	8	180	4623	2	2	306,86





R 30 30

434/PN 6

GUARNIZIONE ECOLOGICA PER FLANGE

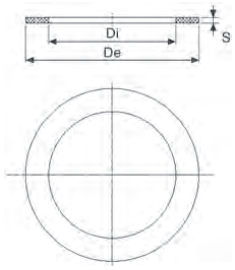
- GASKET FOR FLANGE
- FLANSCHDICHTUNG
- JOINT POUR BRIDE
- JUNTA ECOLÓGICA PARA BRIDA

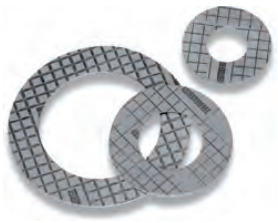
MATERIAL: Sesalit Eco
NORM: EN 1092-1

PN 6

CODE	DN	De mm	Di mm	S mm	g		€
434015006	15 - (1/2")	44	20	2	4	10	0,82
434020006	20 - (3/4")	54	25	2	6	10	1,20
434025006	25 - (1")	64	30	2	9	10	1,67
434032006	32 - (1"1/4)	75	38	2	11	10	2,24
434040006	40 - (1"1/2)	85	45	2	14	10	2,92
434050006	50 - (2")	95	57	2	15	10	4,45
434065006	65 - (2"1/2)	115	76	2	19	10	6,12
434080006	80 - (3")	132	89	2	26	10	7,26
434100006	100 - (4")	152	108	2	29	10	8,59

R 30 30





434/PN10-16

GUARNIZIONE ECOLOGICA PER FLANGE

- GASKET FOR FLANGE
- FLANSCHDICHTUNG
- JOINT POUR BRIDE
- JUNTA ECOLÓGICA PARA BRIDA

PN 10/16

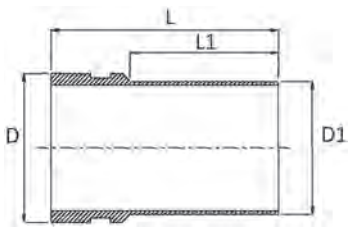
MATERIAL: Sesalit Eco
NORM: EN 1092-1

CODE	DN	De mm	Di mm	S mm	g		€
434015000	15 - (1/2")	50	20	2	6	10	**0,82**
434020000	20 - (3/4")	60	25	2	8	10	**1,18**
434025000	25 - (1")	70	30	2	10	10	**1,66**
434032000	32 - (1"1/4)	82	38	2	14	10	**2,24**
434040000	40 - (1"1/2)	92	45	2	17	10	**2,92**
434050000	50 - (2")	108	57	2	22	10	**4,40**
434065000	65 - (2"1/2)	127	76	2	27	10	**6,08**
434080000	80 - (3")	142	89	2	30	10	**7,19**
434100000	100 - (4")	162	108	2	38	10	**8,25**

Sesalit ECO: fibre organiche e sintetiche legate con gomma NBR/SBR esente amianto
IMPIEGHI: Acqua calda e fredda, olii vegetali ed animali, aria, alcuni carburanti (no GAS)
LIMITI DI TEMPERATURA ORIENTATIVI
Temperatura massima per brevi esposizioni: 180°-200° C
Temperatura massima di esercizio continuo per fluidi non aggressivi: 140° C
Temperatura massima di esercizio continuo con vapore: 110° C
Temperatura minima di esercizio -40°C
OMOLOGAZIONI: acqua potabile WRAS n° 240155028

Sesalit ECO: organic and synthetic fibers bonded with NBR/SBR asbestos-free
USES: hot and cold water, vegetable and animal oils, air, some fuels (no GAS)
GUIDELINE TEMPERATURE LIMITS
Maximum temperature for short exposure: 180°-200° C
Maximum operating temperature for continuous non-aggressive fluids: 140° C
Maximum temperature for continuous operation with steam: 110° C
Minimum operating temperature -40°C
APPROVAL: potable water WRAS n° 240155028

B 20 22





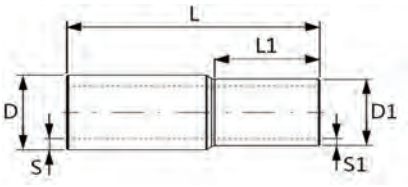
322

RACCORDO DI TRANSIZIONE STEELPRES TUBAZIONI SCANALATE A GIUNTI RAPIDI

- TRANSITION PIECE STEELPRES/COUPLINGS
- ÜBERGANG STEELPRES/KUPPLUNG
- RACORD DE PASAGE ENTRE STEELPRES ET TUBE CANNELÉ
- RÁCOR DE TRANSICIÓN STEELPRES/TUBERIA CANALADA

MATERIAL: E 275+N - 1.0225

CODE	D mm	D1 mm	L mm	L1 mm	g			€
322060042	60	42	120	69	410	1	25	**60,44**
322060054	60	54	120	80	410	1	20	**98,42**
322076054	76	54	130	76	585	1	15	**145,34**





375

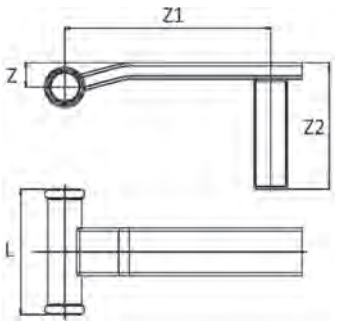
≤54 B 20 21
76÷108 B 20 22

GIUNTO A SALDARE SENZA ZINCATURA

- COMBINATION PIPE WELDING END (NOT GALVANIZED)
- KOMBIROHR MIT ANSCHWEISSENDE (NICHT VERZINKT)
- TUBE RÉDUIT AVEC EXTRÉMITÉ À SOUDER (NON GALVANISÉ)
- UNIÓN A SALDAR SIN ZINCADURA

MATERIAL: E 195 - 1.0034

CODE	D mm	D1 mm	S mm	S1 mm	L1 mm	L mm	g			€
375308012	17,2	12	4,1	1,5	26	120	124	10	100	**38,65**
375308015	17,2	15	2,6	1,5	30	120	89	10	100	**40,62**
375102018	21,3	18	3,15	1,5	30	120	132	10	100	**44,15**
375304022	26,9	22	3,95	1,5	34	120	216	10	100	**46,05**
375100028	33,7	28	4,35	1,5	34	120	303	5	80	**57,53**
375114035	42,4	35	5,2	1,5	40	120	423	5	50	**74,91**
375112042	48,3	42	4,65	1,5	45	120	438	5	40	**79,55**
375200054	60,3	54	4,65	1,5	50	120	537	2	24	**135,28**
375212076	76,1	76,1	3,7	2	70	120	570	2	20	**168,63**
375300088	88,9	88,9	4,1	2	75	120	692	2	12	**189,68**
375400108	114,3	108	5,2	2	90	120	842	2	8	**252,02**





396/RAD

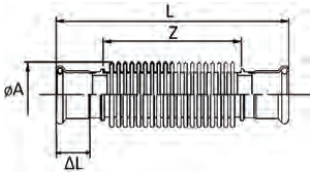
B 20 21

ATTACCO VERNICIATO PER RADIATORE

- PAINTED RADIATOR CONNECTOR
- HEIZUNGSANSCHLUSS LACKIERT
- CONNECTEUR PEINT DE RADIATEUR
- CONECTADOR PINTADO DEL RADIADOR

MATERIAL: E 195 - 1.0034
O-RING: EPDM nero - black - Schwarz - noir - negro

CODE	De mm	L mm	Z mm	Z1 mm	Z2 mm	g			€
396102015V	15 x 1/2"	80	16	131	81	224	1	50	**86,90**
396102018V	18 x 1/2"	80	16	131	81	236	1	50	**87,09**





199

≤54 B 10 11
76÷108 B 10 12

COMPENSATORE DI DILATAZIONE

- EXPANSION COMPENSATOR
- WELLENKOMPENSATOR
- COMPENSATEUR D'EXPANSION
- DILATADOR

MATERIAL: AISI 316L – 1.4404
O-RING: EPDM nero - black - Schwarz - noir - negro

CODE	De mm	L mm	Z mm	A mm	g			€
199015000	15	139	71	22	80	1	100	**179,41**
199018000	18	143	74	27	108	1	80	**197,33**
199022000	22	139	68	34	130	1	80	**219,77**
199028000	28	150	73	41	155	1	40	**282,61**
199035000	35	177	90	51	251	1	24	**349,85**
199042000	42	202	107	61	440	1	16	**417,12**
199054000	54	221	113	71	550	1	12	**515,80**
199076000	76,1	278	180	87	1464	1	2	**788,53**
199088000	88,9	314	235	105	1871	1	2	**974,62**
199108000	108	388	255	131	2845	1	2	**1129,50**

Sono concessi singoli raccordi in acciaio inox inseriti in un impianto in acciaio al carbonio.
Single joints in stainless steel are accepted inside a carbon steel installations.
Einzelne Fittinge Inox in einer Carbon-Anlage sind zulassig.
Sont concedes les raccords simples inox inseres dans l'installation carbone.
Se aceptan accesorios independientes de inox / cobre / cuproniquel insertados en una instalación de acero carbono.

199 - Compensatore di dilatazione - Expansion compensator - Wellenkompensator Compensateur d'expansion - Dilatador

La corsa massima di lavoro non deve superare la corsa nominale sotto indicata / The maximum axial stroke must not exceed the nominal value below indicated
La course axiale maximum ne doit pas dépasser la course nominale indiquée ci-dessous / Der maximale Axialhub darf den unten angegebenen Nennwert nicht überschreiten / El rango máximo de trabajo no debe exceder el rango nominal abajo indicado

Code	DN	Cycles MAX	Temperature °C																			
			20°		40°		60°		80°		100°		120°		140°		160°		180°		200°	
			ΔL (mm)	P (bar)	ΔL (mm)	P (bar)	ΔL (mm)	P (bar)	ΔL (mm)	P (bar)	ΔL (mm)	P (bar)	ΔL (mm)	P (bar)	ΔL (mm)	P (bar)	ΔL (mm)	P (bar)	ΔL (mm)	P (bar)	ΔL (mm)	P (bar)
199 / 15	15		16,0		14,7		13,6		12,6		11,8		11,4		10,9		10,6		10,2		9,9	
199 / 18	18		18,0		16,6		15,3		14,2		13,3		12,8		12,3		11,9		11,5		11,2	
199 / 22	22		20,0		18,4		17,0		15,8		14,8		14,2		13,7		13,2		12,8		12,4	
199 / 28	28	800	22,0	16	20,2	14,5	18,7	13,5	17,4	12,5	16,3	12	15,6	11,5	15,0	11	14,5	10,5	14,1	10,2	13,6	9,5
199 / 35	35		26,0		23,9		22,1		20,5		19,2		18,5		17,8		17,2		16,6		16,1	
199 / 42	42		32,0		29,4		27,2		25,3		23,7		22,7		21,9		21,1		20,5		19,8	
199 / 54	54		36,0		33,1		30,6		28,4		26,6		25,6		24,6		23,8		23,0		22,3	
199 / 76	76		30,0		27,6		25,5		23,7		22,2		21,3		20,5		19,8		19,2		18,6	
199 / 88	89	500	40,0	16	36,8	14,5	34,0	13,5	31,6	12,5	29,6	12	28,4	11,5	27,3	11	26,4	10,5	25,6	10,2	24,8	9,5
199 / 108	108		50,0		46,0		42,5		39,5		37,0		35,5		34,2		33,0		32,0		31,0	

Code	DN	Cycles MAX	Temperature °C																			
			20°		40°		60°		80°		100°		120°		140°		160°		180°		200°	
			ΔL (mm)	P (bar)	ΔL (mm)	P (bar)	ΔL (mm)	P (bar)	ΔL (mm)	P (bar)	ΔL (mm)	P (bar)	ΔL (mm)	P (bar)	ΔL (mm)	P (bar)	ΔL (mm)	P (bar)	ΔL (mm)	P (bar)	ΔL (mm)	P (bar)
199 / 15	15		11,2		10,3		9,5		8,8		8,3		8,0		7,6		7,4		7,2		6,9	
199 / 18	18		12,6		11,6		10,7		10,0		9,3		8,9		8,6		8,3		8,1		7,8	
199 / 22	22		14,0		12,9		11,9		11,1		10,4		9,9		9,6		9,2		9,0		8,7	
199 / 28	28	2900	15,4	16	14,2	14,5	13,1	13,5	12,2	12,5	11,4	12	10,9	11,5	10,5	11	10,2	10,5	9,9	10,2	9,5	9,5
199 / 35	35		18,2		16,7		15,5		14,4		13,5		12,9		12,4		12,0		11,6		11,3	
199 / 42	42		22,4		20,6		19,0		17,7		16,6		15,9		15,3		14,8		14,3		13,9	
199 / 54	54		25,2		23,2		21,4		19,9		18,6		17,9		17,2		16,6		16,1		15,6	
199 / 76	76		21,0		19,3		17,9		16,6		15,5		14,9		14,3		13,9		13,4		13,0	
199 / 88	89	1800	28,0	16	25,8	14,5	23,8	13,5	22,1	12,5	20,7	12	19,9	11,5	19,1	11	18,5	10,5	17,9	10,2	17,4	9,5
199 / 108	108		35,0		32,2		29,8		27,7		25,9		24,9		23,9		23,1		22,4		21,7	

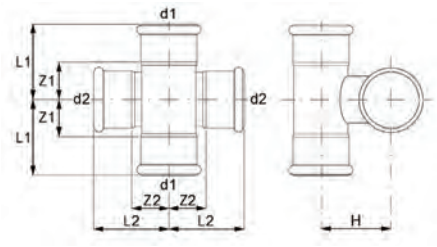
Code	DN	Cycles MAX	Temperature °C																			
			20°		40°		60°		80°		100°		120°		140°		160°		180°		200°	
			ΔL (mm)	P (bar)	ΔL (mm)	P (bar)	ΔL (mm)	P (bar)	ΔL (mm)	P (bar)	ΔL (mm)	P (bar)	ΔL (mm)	P (bar)	ΔL (mm)	P (bar)	ΔL (mm)	P (bar)	ΔL (mm)	P (bar)	ΔL (mm)	P (bar)
199 / 15	15		8,0		7,4		6,8		6,3		5,9		5,7		5,5		5,3		5,1		5,0	
199 / 18	18		9,0		8,3		7,7		7,1		6,7		6,4		6,1		5,9		5,8		5,6	
199 / 22	22		10,0		9,2		8,5		7,9		7,4		7,1		6,8		6,6		6,4		6,2	
199 / 28	28	12000	11,0	16	10,1	14,5	9,4	13,5	8,7	12,5	8,1	12	7,8	11,5	7,5	11	7,3	10,5	7,0	10,2	6,8	9,5
199 / 35	35		13,0		12,0		11,1		10,3		9,6		9,2		8,9		8,6		8,3		8,1	
199 / 42	42		16,0		14,7		13,6		12,6		11,8		11,4		10,9		10,6		10,2		9,9	
199 / 54	54		18,0		16,6		15,3		14,2		13,3		12,8		12,3		11,9		11,5		11,2	
199 / 76	76		15,0		13,8		12,8		11,9		11,1		10,7		10,2		9,9		9,6		9,3	
199 / 88	89	7500	20,0	16	18,4	14,5	17,0	13,5	15,8	12,5	14,8	12	14,2	11,5	13,7	11	13,2	10,5	12,8	10,2	12,4	9,5
199 / 108	108		25,0		23,0		21,3		19,8		18,5		17,8		17,1		16,5		16,0		15,5	

Cycles MAX = Numero di cicli di lavoro – Work cycles number – Anzahl der Zyklen – Nombre de cycles de travail – Número de ciclos de trabajo

ΔL (mm) = Corsa assiale in compressione – Compression axial stroke – Axialhub in Kompression – Course axiale en compression – Carrera axial en compresión

P (bar) = pressione massima di lavoro – Maximum working pressure – maximaler Arbeitsdruck – Pression de travail maximale – Presión máxima de trabajo

B 20 21





399

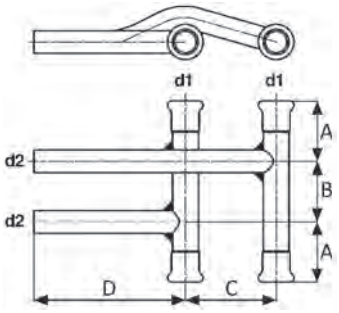
CROCE A 90°

- CROSSOVER 90°
- KREUZSTÜCH 90°
- CROIX 90°
- CRUZ 90°

MATERIAL: E 195 - 1.0034
O-RING: EPDM nero - black - Schwarz - noir - negro

CODE	d1 - d2	L1 mm	L2 mm	Z1 mm	Z2 mm	H mm	g			€
399015015	15 x 15	34,5	34,5	14,5	14,5	20	92	10	100	**45,97**
399018015	18 x 15	36,5	34,5	16,5	14,5	21,5	102	10	100	**50,43**
399022015	22 x 15	39,5	34,5	18,5	14,5	24	121	10	80	**52,85**
399022018	22 x 18	39,5	36,5	18,5	16,5	25,5	131	10	80	**53,58**
399028015	28 x 15	44	34,5	21	14,5	26,5	150	10	50	**55,74**
399028018	28 x 18	44	36,5	21	16,5	28	160	10	50	**56,46**

B 20 21





395

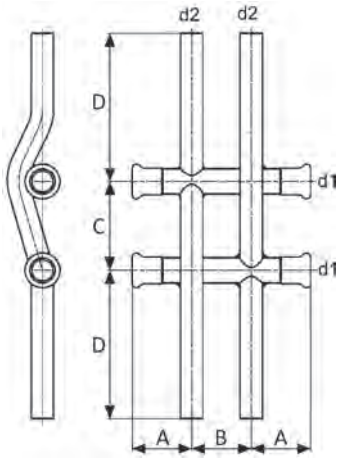
SCAVALCO SINGOLO

- SINGLE CROSSING
- HEIZKÖRPERANSCHLUSS
- RACCORDEMENT SINGLE ALLÉE ET RETOUR
- MANGUITO C/ CURVA DESVIACIÓN

MATERIAL: E 195 - 1.0034
O-RING: EPDM nero - black - Schwarz - noir - negro

CODE	d1 - d2	A mm	B mm	C mm	D mm	g			€
395012012	12 x 12	30	40	60	100	205	1	30	**88,96**
395015012	15 x 12	40	40	60	100	244	1	30	**89,57**
395015015	15 x 15	40	40	60	100	266	1	30	**89,89**
395018012	18 x 12	40	40	60	100	276	1	25	**90,23**
395018015	18 x 15	40	40	60	100	298	1	25	**92,40**
395022012	22 x 12	40	40	60	100	322	1	20	**94,95**
395022015	22 x 15	40	40	60	100	340	1	20	**99,38**
395028012	28 x 12	40	40	60	100	374	1	20	**101,24**
395028015	28 x 15	40	40	60	100	394	1	15	**102,52**

B 20 21





396

SCAVALCO DOPPIO

- DOUBLE CROSSING
- KREUZFITTING
- RACCORDEMENT DOUBLE ALLÉE ET RETOUR
- MANGUITO C/ CURVA DESVIACIÓN DOBLE

MATERIAL: E 195 - 1.0034
O-RING: EPDM nero - black - Schwarz - noir - negro

CODE	d1 - d2	A mm	B mm	C mm	D mm	g			€
396012012	12 x 12	30	40	60	100	280	1	20	**114,53**
396015012	15 x 12	40	40	60	100	318	1	20	**124,67**
396015015	15 x 15	40	40	60	100	376	1	20	**126,59**
396018012	18 x 12	40	40	60	100	355	1	20	**132,31**
396018015	18 x 15	40	40	60	100	410	1	15	**134,51**
396022012	22 x 12	40	40	60	100	380	1	15	**136,38**
396022015	22 x 15	40	40	60	100	436	1	15	**137,33**
396028012	28 x 12	40	40	60	100	452	1	10	**142,40**
396028015	28 x 15	40	40	60	100	494	1	10	**146,83**
396035015	35 x 15	40	40	60	100	556	1	10	**162,64**

Certificazioni / Certifications

	DVGW	PRODUKTE DER WASSERVERSORGUNG	DW-8511CL0331	Ø 15 – 54 mm
	SINTEF	PRESSFITTINGS, TYPE AESPRES	1988	Ø 15 – 54 mm
		AESPRES, PRESSKOPPLING Ø 15–54 MM	SC0265-16	Ø 15 – 54 mm
	ICIM	RACCORDI A PRESSARE IN RAME-BRONZO / COPPER-BRONZE PRESSFITTINGS PRODOTTI E COMPONENTI UTILIZZATI A CONTATTO CON ACQUA POTABILE PRODUCT AND ELEMENTS IN CONTACT WITH DRINKING WATER	ICIM-CAP-009671-04	Ø 12 – 54 mm

Campi di applicazione / Fields of application

AES PRES®

- **Acqua potabile**
  Potable water
- **Riscaldamento**
  Heating
- **Raffrescamento**
  Cooling
- **Solare termico con O-Ring FKM**
  Solar thermal with FKM O-Ring
- **Aria compressa**
  Compressed Air
- **Antincendio**
  Fire protection systems

AES PRES® **O-ring EPDM**

Nero | Black | Schwarz | Noir | Negro



BIM
Libreria BIM per REVIT - BIM library for REVIT

SCOPRI LA GAMMA
AES PRES®
DISCOVER THE RANGE

RACCORDERIE METALLICHE

FOCUS ON

TUBO RAME PER AESPRES - AESPRES GAS / *AESPRES - AESPRES GAS COPPER PIPING*

Le tubazioni per impianti acqua e gas in rame, devono essere rispondenti alla norma UNI EN 1057:2010.
Rame e leghe di rame – Tubi rotondi di rame senza saldatura per acqua e gas nelle applicazioni sanitarie e di riscaldamento.
Piping for copper water and gas installation should comply with the standard EN 1057:2010, "Copper and copper alloys – Round tubes in copper without welding for water and gas in health-care and heating applications".

TABELLA 4: CARATTERISTICHE DEI TUBI DI RAME - EN 1057

Classe di resistenza *Resistance class*	Stato di fornitura *Delivery condition*	ø (mm)
R220	Ricotto – Rotoli *Annealed – Roll*	12 ÷ 22
R250	Semiduro – Barre *Semi-hard – Bar*	12 ÷ 28
R290	Duro – Barre *Hard – Bar*	12 ÷ 54

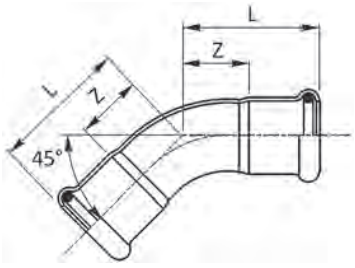
Classe di resistenza *Resistance class*	Resistenza minima alla trazione *Minimum traction resistance* Rm (MPa)	Allungamento minimo alla rottura *Minimum breaking elongation* (%)
R220	220	40
R250	250	20
R290	290	3

Le dimensioni dei tubi utilizzabili con i sistemi a pressare **Aespres** ed **Aespres Gas** sono esposte nella tabella sottostante.
*Tube sizes to be used with **Aespres** and **Aespres Gas** press fittings are included in the annexted table.*

DIMENSIONI DEI TUBI DI RAME - EN 1057 / DVGW GW 392
AESPRES PIPES DIMENSIONS AND CHARACTERISTICS - EN 1057 / DVGW GW 392

ø ESTERNO x SP. EXTERNAL ø x THK. mm	DN	ø INTERNO INTERNAL ø mm	MASSA MASS kg/m	CONTENUTO D'ACQUA WATER VOLUME l/m	STATO FORNITURA SUPPLIED CONDITION
12x1	10	10	0,309	0,079	Rotolo / Roll 25/50 m (R220) o / or Barra / Bar 5 m (R250 - R290)
15x1	12	13	0,393	0,133	
18x1	15	16	0,477	0,201	
22x1	20	20	0,589	0,314	
28x1,5	25	25	1,115	0,491	Barra / Bar 5 m (R250 - R290)
35x1,5	32	32	1,410	0,804	Barra / Bar 5 m (R290)
42x1,5	40	39	1,704	1,194	
54x2	50	50	2,918	1,963	

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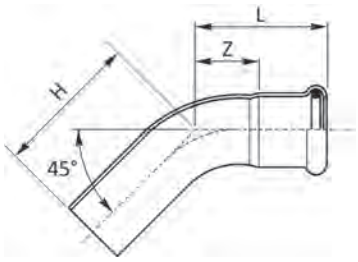
CURVA 45° FF

- 45° ELBOW FF
- BOGEN 45° II
- COUDE FF 45°
- CURVA 45° HH

MATERIAL: Cu-DHP99,9 - CW024A
O-RING: EPDM nero - black - Schwarz noir - negro

CODE	De mm	L mm	Z mm	g			€
681012450	12	32	14	38	20	400	5,71
681015450	15	27,5	7,5	36	20	400	5,71
681018450	18	29,5	9,5	53	20	300	6,01
681022450	22	32	11	71	20	100	7,38
681028450	28	37	14	101	10	100	22,57
681035450	35	43,5	17,5	138	10	60	32,22
681042450	42	51	21	200	4	40	52,37
681054450	54	62	26,5	306	2	20	73,29

B 70 71





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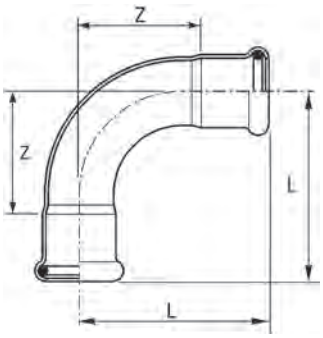
CURVA 45° MF

- 45° ELBOW MF
- BOGEN 45° IA
- COUDE MF 45°
- CURVA 45° HM

MATERIAL: Cu-DHP99,9 - CW024A
O-RING: EPDM nero - black - Schwarz noir - negro

CODE	De mm	L mm	H mm	Z mm	g			€
681012451	12	32	41	14	36	20	400	4,62
681015451	15	27,5	40	7,5	41	20	400	4,62
681018451	18	29,5	36	9,5	50	20	300	6,19
681022451	22	32	42	11	69	20	200	6,80
681028451	28	37	46	14	99	10	100	22,45
681035451	35	43,5	57,5	17,5	144	10	60	31,12
681042451	42	51	72	21	215	4	40	48,71
681054451	54	62	82	26,5	333	2	20	72,28

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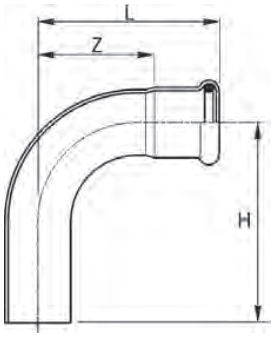
CURVA 90° FF

- 90° ELBOW FF
- BOGEN 90° II
- COUDE FF 90°
- CURVA 90° HH

MATERIAL: Cu-DHP99,9 - CW024A
O-RING: EPDM nero - black - Schwarz noir - negro

CODE	De mm	L mm	Z mm	g			€
681012900	12	42	24	28	20	400	**5,13**
681015900	15	38	18	51	20	400	**5,13**
681018900	18	41,5	21,5	62	20	300	**6,80**
681022900	22	47	26	88	10	150	**8,55**
681028900	28	56	33	128	10	100	**17,28**
681035900	35	68	42	180	5	50	**34,29**
681042900	42	80	50	265	2	30	**65,28**
681054900	54	100	64,5	419	2	18	**88,14**

B 70 71





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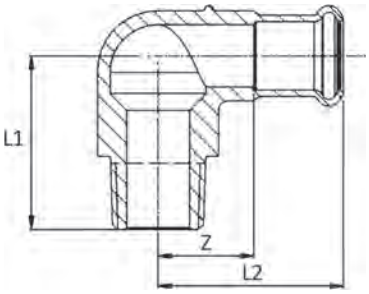
CURVA 90° MF

- 90° ELBOW MF
- BOGEN 90° IA
- COUDE MF 90°
- CURVA 90° HM

MATERIAL: Cu-DHP99,9 - CW024A
O-RING: EPDM nero - black - Schwarz noir - negro

CODE	De mm	L mm	H mm	Z mm	g			€
681012901	12	42	48	24	40	20	400	**4,85**
681015901	15	38	48	18	49	20	400	**4,85**
681018901	18	41,5	48,5	21,5	62	20	300	**6,59**
681022901	22	47	57	26	87	10	150	**8,77**
681028901	28	56	64	33	130	10	100	**18,95**
681035901	35	68	82	42	195	5	50	**33,70**
681042901	42	80	101	50	278	2	30	**66,70**
681054901	54	100	120	64,5	435	2	18	**89,25**

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697

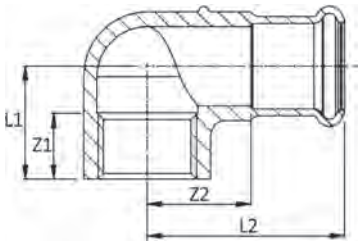
GOMITO MISTO 90° FILETTO M

- ELBOW ADAPTER 90° WITH MALE THREAD
- ÜBERGANGSWINKEL 90° AG
- EQUERRE 90° AVEC FILETAGE M
- CODO MACHO

MATERIAL: CuSn5Zn5Pb2-C - CC499K
O-RING: EPDM nero - black - Schwarz noir - negro
THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x R mm x inch	L1 mm	L2 mm	Z mm	g			€
697308012	12 x 3/8"	35	34	14	86	10	200	30,50
697102012	12 x 1/2"	40	34	14	113	10	150	30,64
697308015	15 x 3/8"	35	41,5	21,5	86	10	150	45,62
697102015	15 x 1/2"	38,5	41,5	21,5	131	10	120	30,64
697102018	18 x 1/2"	40	42	22	136	10	100	48,86
697304018	18 x 3/4"	44	42	22	177	10	100	47,64
697102022	22 x 1/2"	42	42	21	162	10	100	58,20
697304022	22 x 3/4"	47	42	21	193	10	80	49,49
697102028	28 x 1/2"	45	47	24	199	10	80	80,97
697100028	28 x 1"	53	45	24	318	5	50	74,27
697114035	35 x 1"1/4	68	55	29	471	5	40	98,56
697112042	42 x 1"1/2	75	65	35	660	2	24	134,64
697200054	54 x 2"	88	78	42	1078	2	20	190,47

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698

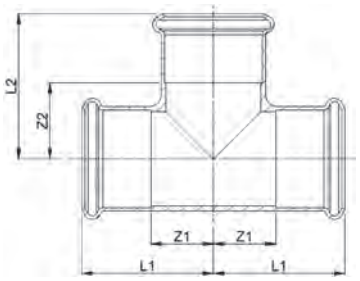
GOMITO MISTO 90° FILETTO F

- ELBOW ADAPTER 90° WITH FEMALE THREAD
- ÜBERGANGSWINKEL 90° IG
- EQUERRE 90° AVEC FILETAGE F
- CODO HEMBRA

MATERIAL: CuSn5Zn5Pb2-C - CC499K
O-RING: EPDM nero - black - Schwarz noir - negro
THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x Rp mm x inch	L1 mm	L2 mm	Z1 mm	Z2 mm	g			€
698308012	12 x 3/8"	22,5	34	12	14	72	10	200	19,10
698102012	12 x 1/2"	24	34	16	14	87	10	200	19,10
698308015	15 x 3/8"	22,5	41,5	12	21,5	87	10	150	44,97
698102015	15 x 1/2"	22,5	41,5	16	21,5	102	10	150	19,10
698304015	15 x 3/4"	25	41,5	16	21,5	125	10	100	43,28
698102018	18 x 1/2"	24	42	16	22	112	10	150	42,19
698304018	18 x 3/4"	26	42	16	22	133	10	100	46,84
698102022	22 x 1/2"	26	42	15	21	129	10	100	50,29
698304022	22 x 3/4"	29	42	16	21	152	10	100	29,71
698100022	22 x 1"	32	45	19	24	203	10	80	47,22
698102028	28 x 1/2"	29	47	16	24	168	5	50	52,79
698100028	28 x 1"	35	48	19	25	240	5	50	54,14
698114035	35 x 1"1/4	45	55	23	29	403	5	40	89,24
698112042	42 x 1"1/2	52	65	23	35	541	2	30	115,01
698200054	54 x 2"	60	78	27	42	1085	2	16	182,66

B 70 71





682

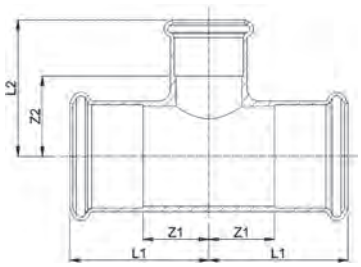
"T"

- EQUAL TEE
- T-STÜCK
- TÉ ÉGAL
- TE IGUAL HHH

MATERIAL: Cu-DHP99,9 - CW024A
O-RING: EPDM nero - black - Schwarz noir - negro

CODE	De mm	L1 mm	L2 mm	Z1 mm	Z2 mm	g			€
682012000	12	31	31	11	11	54	20	200	7,90
682015000	15	32	32	13,5	12	75	20	200	7,90
682018000	18	34	34	13,5	14	96	20	100	10,73
682022000	22	37	37	16	16	125	10	100	13,69
682028000	28	42	42	19	19	174	10	50	23,75
682035000	35	50	50	24	24	245	4	32	40,17
682042000	42	57	63	27	33	345	4	20	77,88
682054000	54	69	78	33,5	42	559	2	12	96,35

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692

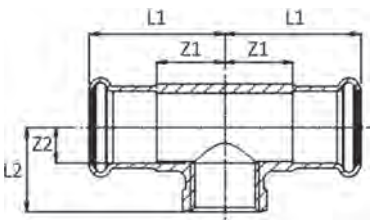
"T" RIDOTTO

- REDUCING TEE
- T-STÜCK MIT REDUZIERTEM ABGANG
- TÉ RÉDUIT
- TE REDUCIDA HHH

MATERIAL: Cu-DHP99,9 - CW024A
O-RING: EPDM nero - black - Schwarz noir - negro

CODE	De mm	L1 mm	L2 mm	Z1 mm	Z2 mm	g			€
692015012	15 x 12 x 15	32	32	12	12	69	20	100	9,09
692018012	18 x 12 x 18	34	35	14	15	84	20	100	10,07
692018015	18 x 15 x 18	34	35	14	15	93	20	100	9,66
692022012	22 x 12 x 22	37	35	16	15	106	10	100	12,18
692022015	22 x 15 x 22	37	38	16	18	122	10	100	11,62
692022018	22 x 18 x 22	37	38	16	18	128	10	100	14,91
692028015	28 x 15 x 28	42	40,5	19	20,5	167	10	50	27,26
692028018	28 x 18 x 28	42	40,5	19	20,5	168	10	50	37,66
692028022	28 x 22 x 28	42	41	19	20	173	10	50	27,14
692035015	35 x 15 x 35	50	44	24	24	250	5	50	40,17
692035018	35 x 18 x 35	50	44	24	24	241	5	50	42,49
692035022	35 x 22 x 35	50	44	24	23	237	5	50	36,82
692035028	35 x 28 x 35	50	44	24	21	231	5	35	38,77
692042015	42 x 15 x 42	57	47,5	27	27,5	338	4	20	73,37
692042018	42 x 18 x 42	57	47,5	27	27,5	338	4	20	72,28
692042022	42 x 22 x 42	57	53	27	32	330	4	20	70,41
692042028	42 x 28 x 42	57	56	27	33	323	4	20	71,39
692042035	42 x 35 x 42	57	61	27	35	338	4	20	74,05
692054022	54 x 22 x 54	69	59	33,5	38	469	2	16	110,50
692054028	54 x 28 x 54	69	64	33,5	41	465	2	16	113,90
692054035	54 x 35 x 54	69	67	33,5	41	502	2	16	118,26
692054042	54 x 42 x 54	69	70	33,5	40	489	2	16	88,49

B 70 71





689

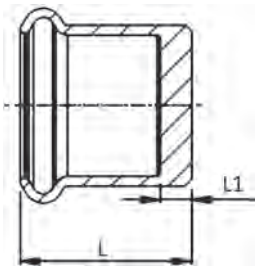
"T" CON DERIVAZIONE FILETTO F

- BRANCH TEE FEMALE BSP OUTLET
- T-STÜCK MIT ABGANG IG
- TÉ MIXTE AVEC FILETAGE F
- TE HEMBRA ROSCADA

MATERIAL: CuSn5Zn5Pb2-C - CC 499K
O-RING: EPDM nero - black - Schwarz noir - negro
THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x Rp x De mm x inch x mm	L1 mm	L2 mm	Z1 mm	Z2 mm	g			€
689102012	12 x 1/2" x 12	34	24	14	10	104	10	100	**30,14**
689308015	15 x 3/8" x 15	41,5	22,5	21,5	10,5	118	10	100	**51,48**
689102015	15 x 1/2" x 15	41,5	22,5	21,5	8,5	128	10	100	**29,32**
689102018	18 x 1/2" x 18	42	24	22	10	145	10	100	**50,97**
689102022	22 x 1/2" x 22	42	26	21	12	170	10	100	**41,16**
689304022	22 x 3/4" x 22	42	30	21	14	183	10	100	**59,02**
689102028	28 x 1/2" x 28	44	29	21	15	211	5	50	**51,48**
689304028	28 x 3/4" x 28	44	30	21	14	216	5	50	**66,85**
689100028	28 x 1" x 28	44	34	21	16	265	5	50	**69,00**
689102035	35 x 1/2" x 35	50	34	24	19	308	5	50	**70,56**
689304035	35 x 3/4" x 35	50	34	24	18	305	5	40	**71,61**
689100035	35 x 1" x 35	50	35	24	17	329	5	40	**74,79**
689102042	42 x 1/2" x 42	57	38	27	23	419	4	32	**85,52**
689304042	42 x 3/4" x 42	57	38	27	22	415	4	32	**92,83**
689102054	54 x 1/2" x 54	69	44	33	30	638	2	14	**101,86**
689304054	54 x 3/4" x 54	69	44	33	28	639	2	14	**111,41**

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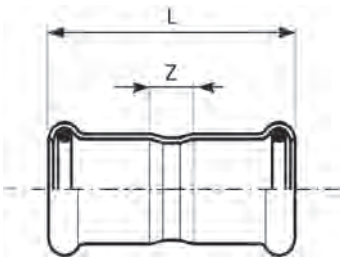
TAPPO DI CHIUSURA

- STOP END
- VERSCHLUSSKAPPE
- BOUCHON D'OBTURATION
- TAPÓN

MATERIAL: Cu-DHP99,9 - CW024A
O-RING: EPDM nero - black - Schwarz noir - negro

CODE	De mm	L mm	L1 mm	g			€
683012003	12	20	3	14	20	500	**6,01**
683015003	15	22,5	2,5	20	20	500	**10,22**
683018003	18	23	3	25	20	300	**13,44**
683022003	22	24,5	2,5	34	10	200	**17,75**
683028003	28	26,5	3,5	49	10	150	**27,38**
683035003	35	28,5	2,5	65	5	100	**29,82**
683042003	42	32,5	2,5	93	4	80	**46,12**
683054003	54	37,5	2,5	147	4	40	**56,29**

B 70 71





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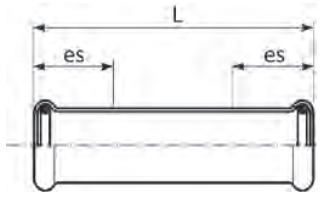
MANICOTTO

- COUPLING
- MUFFE
- MANCHON
- MANGUITO HH

MATERIAL: Cu-DHP99,9 - CW024A
O-RING: EPDM nero - black - Schwarz noir - negro

CODE	De mm	L mm	Z mm	g			€
683012000	12	42	6	38	20	400	4,95
683015000	15	49	9	39	20	400	4,95
683018000	18	50	10	47	20	300	6,25
683022000	22	53	11	62	20	200	7,38
683028000	28	56	10	84	10	150	13,44
683035000	35	63	10	108	10	100	16,78
683042000	42	72	12	156	4	60	31,57
683054000	54	83	13	225	2	24	39,64

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683/001

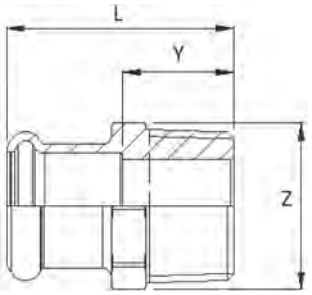
MANICOTTO PASSANTE

- SLIP COUPLING
- SCHIEBEMUFFE
- MANCHON LONG
- MANGUITO SIN TOPE

MATERIAL: Cu-DHP99,9 - CW024A
O-RING: EPDM nero - black - Schwarz noir - negro

CODE	De mm	L mm	es mm	g			€
683012001	12	56	22	33	20	500	5,38
683015001	15	80	25	58	20	200	5,38
683018001	18	80	25	66	20	200	6,36
683022001	22	80	25	80	20	100	7,59
683028001	28	91	30	110	10	100	13,93
683035001	35	102	30	167	10	50	18,20
683042001	42	120	40	223	4	40	33,05
683054001	54	140	40	333	4	20	42,72

B 70 71





687

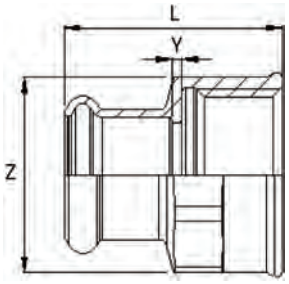
MANICOTTO MISTO FILETTO M

- MALE ADAPTER
- ÜBERGANGSSTÜCK MIT AG
- RACCORD AVEC FILETAGE MALE
- UNIÓN MACHO

MATERIAL: CuSn5Zn5Pb2-C - CC499K
O-RING: EPDM nero - black - Schwarz noir - negro
THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x R mm x inch	L mm	Z mm	Y mm	g			€
687308012	12 x 3/8"	32	17	12	31	20	400	**8,37**
687102012	12 x 1/2"	36	22	16	48	20	400	**12,18**
687308015	15 x 3/8"	32	21	12	32	20	400	**9,30**
687102015	15 x 1/2"	36	22	16	53	20	300	**9,30**
687304015	15 x 3/4"	37,5	27	17,5	74	20	240	**15,36**
687102018	18 x 1/2"	37	22	17	47	20	300	**10,28**
687304018	18 x 3/4"	38	27	18	65	10	200	**15,29**
687102022	22 x 1/2"	36	27	17	58	10	200	**13,49**
687304022	22 x 3/4"	39	27	18	64	10	200	**12,69**
687100022	22 x 1"	42,5	34	21,5	111	10	100	**20,80**
687304028	28 x 3/4"	42	34	19	93	10	100	**33,43**
687100028	28 x 1"	44,5	34	21,5	105	10	100	**20,41**
687114028	28 x 1"1/4	48	43	25	192	10	100	**42,07**
687100035	35 x 1"	48	40	22	139	5	50	**46,52**
687114035	35 x 1"1/4	50	43	24	182	5	50	**44,67**
687112035	35 x 1"1/2	51	50	25	239	5	50	**48,23**
687114042	42 x 1"1/4	54	50	24	223	4	40	**60,63**
687112042	42 x 1"1/2	54	51	24	215	4	40	**62,51**
687112054	54 x 1"1/2	60	63	24	316	4	32	**105,36**
687200054	54 x 2"	63,5	63	33	341	4	32	**120,55**

B 70 71





690

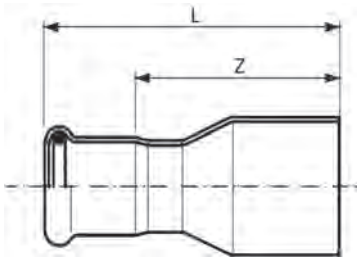
MANICOTTO MISTO FILETTO F

- FEMALE ADAPTER
- ÜBERGANGSSTÜCK MIT IG
- RACCORD AVEC FILETAGE FEMELLE
- UNIÓN HEMBRA

MATERIAL: CuSn5Zn5Pb2-C - CC499K
O-RING: EPDM nero - black - Schwarz noir - negro
THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x Rp mm x inch	L mm	Z mm	Y mm	g			€
690308012	12 x 3/8"	33,5	21	2	38	20	400	**11,38**
690102012	12 x 1/2"	36	26	2	58	20	300	**14,57**
690308015	15 x 3/8"	33,5	21	2	38	20	300	**10,80**
690102015	15 x 1/2"	36	26	2	58	20	300	**14,18**
690304015	15 x 3/4"	39	31	2	76	10	200	**17,50**
690102018	18 x 1/2"	37	26	2	61	20	300	**14,57**
690304018	18 x 3/4"	39	31	2	77	10	200	**20,16**
690102022	22 x 1/2"	36	27	1,5	64	20	200	**13,93**
690304022	22 x 3/4"	39	31	2,5	76	10	150	**16,00**
690100022	22 x 1"	42,5	38	2	112	10	100	**26,50**
690102028	28 x 1/2"	39	34	1	98	20	100	**35,48**
690304028	28 x 3/4"	41,5	34	2	98	10	100	**39,19**
690100028	28 x 1"	45	38	2,5	122	10	100	**25,69**
690114028	28 x 1"1/4	48	46	3	162	10	100	**40,64**
690100035	35 x 1"	45	40	2	132	5	100	**49,57**
690114035	35 x 1"1/4	50	46	2	164	5	100	**48,95**
690114042	42 x 1"1/4	54	50	2	198	4	40	**69,22**
690112042	42 x 1"1/2	54	53	2	217	4	40	**71,01**
690200054	54 x 2"	65	65	3	342	4	32	**123,73**

B 70 71





691

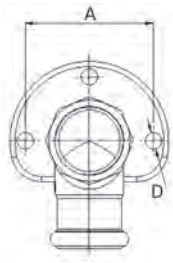
RIDUZIONE MF

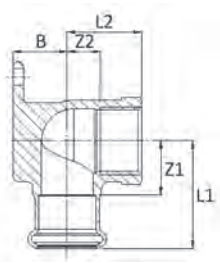
- REDUCER
- REDUZIERSTÜCK
- REDUCTION
- REDUCCIÓN MH

MATERIAL: Cu-DHP99,9 - CW024A
O-RING: EPDM nero - black - Schwarz noir - negro

CODE	De mm	L mm	Z mm	g			€
691015012	15 x 12	51	31	20	20	500	4,37
691018012	18 x 12	53	33	36	20	500	4,62
691018015	18 x 15	57	37	42	20	500	4,37
691022015	22 x 15	64	44	53	20	400	5,26
691022018	22 x 18	59,5	39,5	52	20	300	5,45
691028015	28 x 15	54	34	48	20	200	12,94
691028018	28 x 18	53	33	54	20	200	13,29
691028022	28 x 22	65	44	72	20	200	13,61
691035022	35 x 22	59	38	68	10	100	16,10
691035028	35 x 28	71	48	98	10	100	17,55
691042022	42 x 22	66	45	97	4	80	27,60
691042028	42 x 28	65	42	99	4	80	26,87
691042035	42 x 35	80,5	54,5	137	4	40	25,64
691054022	54 x 22	74	53	154	4	40	65,71
691054028	54 x 28	70	47	148	4	40	55,30
691054035	54 x 35	76	50	159	4	40	35,93
691054042	54 x 42	97,5	67,5	204	4	32	34,42

B 70 71







685

GOMITO MISTO 90° FF

- WALL PLATE ELBOW 90° WITH FEMALE THREAD
- DECKENWINKEL 90° IG
- EQUERRE 90° FF
- CODO PLACA HH

MATERIAL: CuSn5Zn5Pb2-C - CC499K
O-RING: EPDM nero - black - Schwarz noir - negro
THREAD: EN 10226-1 (ex ISO 7/1)

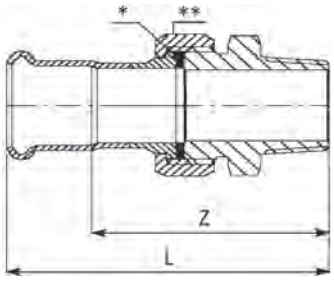
CODE	De x Rp mm x inch	L1 mm	L2 mm	Z1 mm	Z2 mm	A mm	B mm	D mm	g			€
685102012	12 x 1/2"	34	24	14	9	40	12	6,5	155	10	100	26,40
685102015	15 x 1/2"	41,5	22,5	21,5	7	40	14	6,5	172	10	100	26,13
685102018	18 x 1/2"	42	24	22	9	40	15	6,5	188	10	100	33,97
685304022	22 x 3/4"	42	29	21	13	50	21	6,5	249	10	50	55,46
685100022	22 x 1"	45	32	24	13	50	30	6,5	315	10	50	57,61
685100028	28 x 1"	48	35	25	16	50	30	6,5	366	5	50	76,95

B 70 71

684/002

BOCCHETTONE SEDE PIANA FILETTO M

- STRAIGHT MALE UNION CONNECTOR
- DURCHGANGSVERSCHRAUBUNG MIT AUSSENGEWINDE
- RACCORD UNION FILETÉ
- RÁCOR 3 PIEZAS ROSCADO MACHO





MATERIAL: CuSn5Zn5Pb2-C - CC499K
FITTING: (**): ottone - brass - Messing laiton - latón
O-RING: EPDM nero - black - Schwarz noir - negro
GASKET: (*): EPDM nero - black - Schwarz noir - negro
THREAD: EN 10226-1 (ex ISO 7/1)

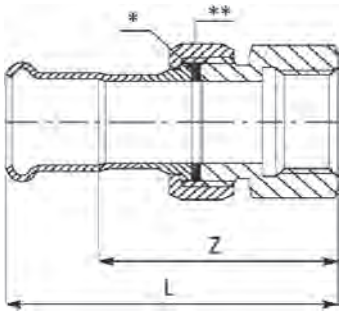
CODE	De x R mm x inch	L mm	Z mm	Gasket mm	g			€
684015002	15 x 1/2"	66	46	24x14 thk 2,5	164	2	100	**63,00**
684015012	15 x 3/4"	67	47	24x14 thk 2,5	195	2	80	**64,96**
684018002	18 x 1/2"	65,5	45,5	24x14 thk 2,5	160	2	80	**73,81**
684018012	18 x 3/4"	66,5	46,5	24x14 thk 2,5	191	2	80	**75,84**
684022002	22 x 3/4"	68,5	47,5	30x20 thk 2,5	252	2	60	**98,59**
684022012	22 x 1"	71,5	50,5	30x20 thk 2,5	242	2	60	**99,52**
684028002	28 x 1"	80	56	39x27 thk 2,5	432	2	40	**151,28**
684035002	35 x 1"1/4	89	62	44,5x30 thk 2,5	684	2	20	**189,30**
684042002	42 x 1"1/2	92,5	62,5	50,5x38 thk 2,5	716	2	20	**228,32**
684054002	54 x 2"	106	70	65,5x45 thk 3	1344	2	12	**367,13**

B 70 71

684/003

BOCCHETTONE SEDE PIANA FILETTO F

- STRAIGHT FEMALE UNION CONNECTOR
- DURCHGANGSVERSCHRAUBUNG MIT INNENGEWINDE
- RACCORD UNION TARAUDÉ
- RÁCOR 3 PIEZAS HEMBRA





MATERIAL: CuSn5Zn5Pb2-C - CC499K
FITTING: (**): ottone - brass - Messing laiton - latón
O-RING: EPDM nero - black - Schwarz noir - negro
GASKET: (*): EPDM nero - black - Schwarz noir - negro
THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x Rp mm x inch	L mm	Z mm	Gasket mm	g			€
684012003	12 x 3/8"	59,5	39,5	18x10 thk 2,5	156	2	100	**66,48**
684012013	12 x 1/2"	59,5	39,5	18x10 thk 2,5	142	2	100	**74,81**
684015003	15 x 1/2"	60,5	40,5	24x14 thk 2,5	170	2	100	**60,09**
684015013	15 x 3/4"	62,5	42,5	24x14 thk 2,5	191	2	100	**72,53**
684018003	18 x 1/2"	62	42	24x14 thk 2,5	168	2	100	**72,06**
684018013	18 x 3/4"	62	42	24x14 thk 2,5	185	2	100	**83,31**
684022003	22 x 1/2"	62,5	41,5	30x20 thk 2,5	299	2	60	**96,79**
684022013	22 x 3/4"	63,5	42,5	30x20 thk 2,5	250	2	60	**96,16**
684022023	22 x 1"	67,5	46,5	30x20 thk 2,5	273	2	60	**103,74**
684028003	28 x 1"	73	49	39x27 thk 2,5	481	2	40	**142,12**
684035003	35 x 1"1/4	81	54	44,5x30 thk 2,5	638	2	24	**169,11**
684042003	42 x 1"1/2	84,5	54,5	50,5x38 thk 2,5	682	2	24	**211,13**
684054003	54 x 2"	104	68	65,5x45 thk 3	1355	2	12	**360,09**

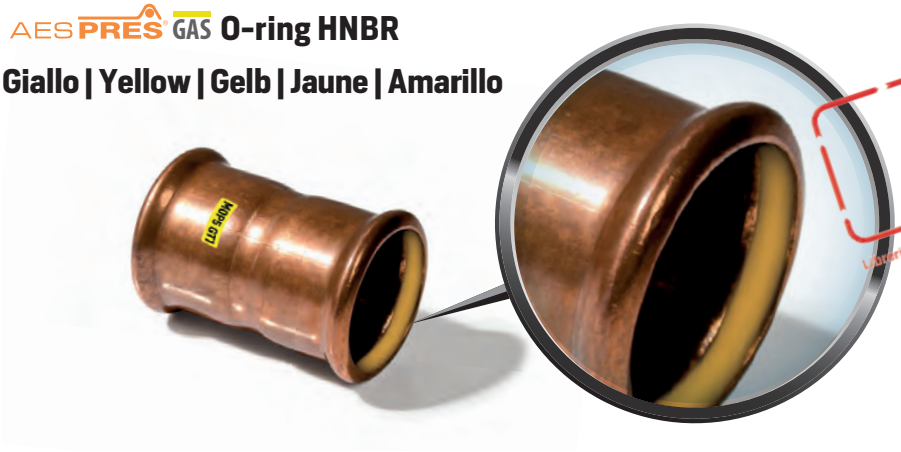
Campi di applicazione / Fields of application

AES PRES GAS

Gas metano / GPL
Natural gas / LPG

AES PRES GAS **O-ring HNBR**

Giallo | Yellow | Gelb | Jaune | Amarillo



BIM
Librarie BIM per REVIT - BIM library for REVIT

SCOPRI
LA GAMMA
AES PRES GAS
DISCOVER
THE RANGE

FOCUS ON

TUBO RAME PER AESPRES - AESPRES GAS / *AESPRES - AESPRES GAS COPPER PIPING*

Le tubazioni per impianti acqua e gas in rame, devono essere rispondenti alla norma UNI EN 1057:2010.
Rame e leghe di rame – Tubi rotondi di rame senza saldatura per acqua e gas nelle applicazioni sanitarie e di riscaldamento.
Piping for copper water and gas installation should comply with the standard EN 1057:2010, "Copper and copper alloys – Round tubes in copper without welding for water and gas in health-care and heating applications".

TABELLA 4: CARATTERISTICHE DEI TUBI DI RAME - EN 1057

Classe di resistenza *Resistance class*	Stato di fornitura *Delivery condition*	ø (mm)
R220	Ricotto – Rotoli *Annealed – Roll*	12 ÷ 22
R250	Semiduro – Barre *Semi-hard – Bar*	12 ÷ 28
R290	Duro – Barre *Hard – Bar*	12 ÷ 54

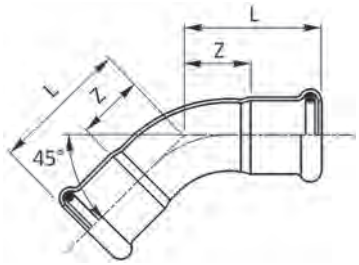
Classe di resistenza *Resistance class*	Resistenza minima alla trazione *Minimum traction resistance* Rm (MPa)	Allungamento minimo alla rottura *Minimum breaking elongation* (%)
R220	220	40
R250	250	20
R290	290	3

Le dimensioni dei tubi utilizzabili con i sistemi a pressare **Aespres** ed **Aespres Gas** sono esposte nella tabella sottostante.
*Tube sizes to be used with **Aespres** and **Aespres Gas** press fittings are included in the annexted table.*

DIMENSIONI DEI TUBI DI RAME - EN 1057 / DVGW GW 392
AESPRES PIPES DIMENSIONS AND CHARACTERISTICS - EN 1057 / DVGW GW 392

ø ESTERNO x SP. EXTERNAL ø x THK. mm	DN	ø INTERNO INTERNAL ø mm	MASSA MASS kg/m	CONTENUTO D'ACQUA WATER VOLUME l/m	STATO FORNITURA SUPPLIED CONDITION
12x1	10	10	0,309	0,079	Rotolo / Roll 25/50 m (R220) o / or Barra / Bar 5 m (R250 - R290)
15x1	12	13	0,393	0,133	
18x1	15	16	0,477	0,201	
22x1	20	20	0,589	0,314	
28x1,5	25	25	1,115	0,491	Barra / Bar 5 m (R250 - R290)
35x1,5	32	32	1,410	0,804	Barra / Bar 5 m (R290)
42x1,5	40	39	1,704	1,194	
54x2	50	50	2,918	1,963	

B 70 72





681/450 G

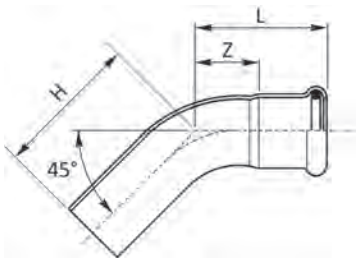
CURVA 45° FF

- 45° ELBOW FF
- BOGEN 45° II
- COUDE FF 45°
- CURVA 45° HH

MATERIAL: Cu-DHP99,9 - CW024A
O-RING: HNBR giallo - yellow - Gelb jaune - amarillo

CODE	De mm	L mm	Z mm	g		€
681015450G	15	27,5	7,5	36	4	6,59
681018450G	18	29,5	9,5	53	4	7,02
681022450G	22	32	11	71	4	8,55
681028450G	28	37	14	101	4	25,97
681035450G	35	43,5	17,5	138	1	37,11
681042450G	42	51	21	200	1	60,22
681054450G	54	62	26,5	306	1	84,29

B 70 72





681/451 G

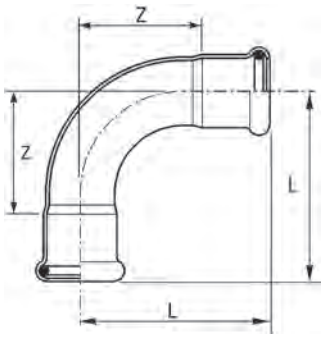
CURVA 45° MF

- 45° ELBOW MF
- BOGEN 45° IA
- COUDE MF 45°
- CURVA 45° HM

MATERIAL: Cu-DHP99,9 - CW024A
O-RING: HNBR giallo - yellow - Gelb jaune - amarillo

CODE	De mm	L mm	H mm	Z mm	g		€
681015451G	15	27,5	40	7,5	41	4	5,38
681018451G	18	29,5	36	9,5	50	4	7,12
681022451G	22	32	42	11	69	4	7,90
681028451G	28	37	46	14	99	4	25,85
681035451G	35	43,5	57,5	17,5	144	1	35,85
681042451G	42	51	72	21	215	1	56,07
681054451G	54	62	82	26,5	333	1	83,12

B 70 72





681/900 G

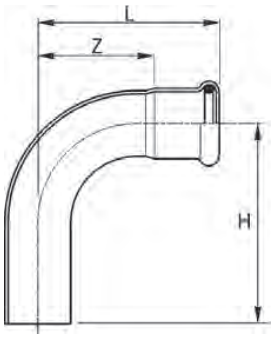
CURVA 90° FF

- 90° ELBOW FF
- BOGEN 90° II
- COUDE FF 90°
- CURVA 90° HH

MATERIAL: Cu-DHP99,9 - CW024A
O-RING: HNBR giallo - yellow - Gelb jaune - amarillo

CODE	De mm	L mm	Z mm	g		€
6810159006	15	38	18	51	4	**6,01**
6810189006	18	41,5	21,5	62	4	**7,90**
6810229006	22	47	26	88	4	**9,87**
6810289006	28	56	33	128	4	**19,93**
6810359006	35	68	42	180	1	**39,42**
6810429006	42	80	50	265	1	**75,12**
6810549006	54	100	64,5	419	1	**101,41**

B 70 72





681/901 G

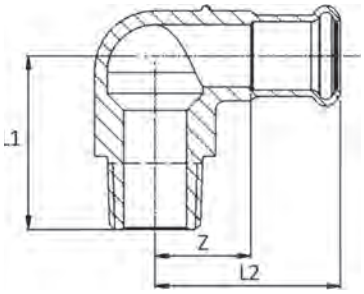
CURVA 90° MF

- 90° ELBOW MF
- BOGEN 90° IA
- COUDE MF 90°
- CURVA 90° HM

MATERIAL: Cu-DHP99,9 - CW024A
O-RING: HNBR giallo - yellow - Gelb jaune - amarillo

CODE	De mm	L mm	H mm	Z mm	g		€
6810159016	15	38	48	18	49	4	**5,64**
6810189016	18	41,5	48,5	21,5	62	4	**7,59**
6810229016	22	47	57	26	87	4	**10,07**
6810289016	28	56	64	33	130	4	**21,79**
6810359016	35	68	82	42	195	1	**38,87**
6810429016	42	80	101	50	278	1	**76,77**
6810549016	54	100	120	64,5	435	1	**102,71**

B 70 72





697 G

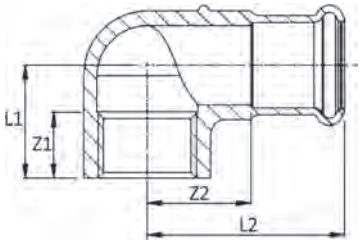
GOMITO MISTO 90° FILETTO M

- ELBOW ADAPTER 90° WITH MALE THREAD
- ÜBERGANGSWINKEL 90° AG
- EQUERRE 90° AVEC FILETAGE M
- CODO MACHO

MATERIAL: CuSn5Zn5Pb2-C - CC499K
O-RING: HNBR giallo - yellow - Gelb jaune - amarillo
THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x R mm x inch	L1 mm	L2 mm	Z mm	g		€
697308015G	15 x 3/8"	35	41,5	21,5	86	4	52,53
697102015G	15 x 1/2"	38,5	41,5	21,5	131	4	35,29
697102018G	18 x 1/2"	40	42	22	136	4	56,18
697304018G	18 x 3/4"	44	42	22	177	4	54,80
697102022G	22 x 1/2"	42	42	21	162	4	66,99
697304022G	22 x 3/4"	47	42	21	193	4	56,88
697102028G	28 x 1/2"	45	47	24	199	4	93,14
697100028G	28 x 1"	53	45	24	318	4	85,43
697114035G	35 x 1"1/4	68	55	29	471	1	113,38
697112042G	42 x 1"1/2	75	65	35	660	1	154,93
697200054G	54 x 2"	88	78	42	1078	1	219,09

B 70 72





698 G

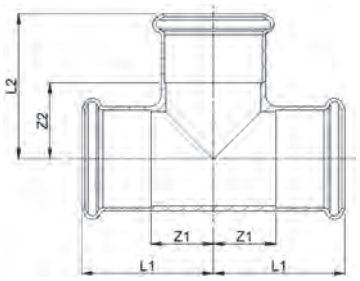
GOMITO MISTO 90° FILETTO F

- ELBOW ADAPTER 90° WITH FEMALE THREAD
- ÜBERGANGSWINKEL 90° IG
- EQUERRE 90° AVEC FILETAGE F
- CODO HEMBRA

MATERIAL: CuSn5Zn5Pb2-C - CC499K
O-RING: HNBR giallo - yellow - Gelb jaune - amarillo
THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x Rp mm x inch	L1 mm	L2 mm	Z1 mm	Z2 mm	g		€
698308015G	15 x 3/8"	22,5	41,5	12	21,5	87	4	51,73
698102015G	15 x 1/2"	22,5	41,5	16	21,5	102	4	22,04
698304015G	15 x 3/4"	25	41,5	16	21,5	125	4	49,72
698102018G	18 x 1/2"	24	42	16	22	112	4	48,54
698304018G	18 x 3/4"	26	42	16	22	133	4	53,87
698102022G	22 x 1/2"	26	42	15	21	129	4	57,85
698304022G	22 x 3/4"	29	42	16	21	152	4	34,22
698100022G	22 x 1"	32	45	19	24	203	4	54,39
698102028G	28 x 1/2"	29	47	16	24	168	4	60,73
698100028G	28 x 1"	35	48	19	25	240	4	62,34
698114035G	35 x 1"1/4	45	55	23	29	403	1	102,61
698112042G	42 x 1"1/2	52	65	23	35	541	1	132,33
698200054G	54 x 2"	60	78	27	42	1085	1	210,11

B 70 72





682 G

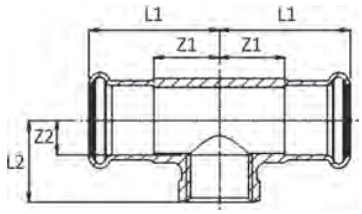
"T"

- EQUAL TEE
- T-STÜCK
- TÉ ÉGAL
- TE IGUAL HHH

MATERIAL: Cu-DHP99,9 - CW024A
O-RING: HNBR giallo - yellow - Gelb jaune - amarillo

CODE	De mm	L1 mm	L2 mm	Z1 mm	Z2 mm	g		€
6820150006	15	32	32	13,5	12	75	4	9,09
6820180006	18	34	34	13,5	14	96	4	12,37
6820220006	22	37	37	16	16	125	4	15,76
6820280006	28	42	42	19	19	174	4	27,38
6820350006	35	50	50	24	24	245	1	46,33
6820420006	42	57	63	27	33	345	1	89,57
6820540006	54	69	78	33,5	42	559	1	110,84

B 70 72





689 G

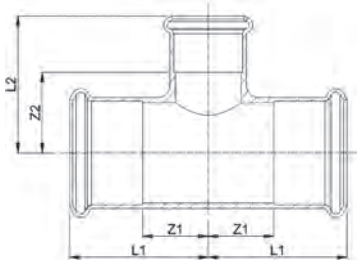
"T" CON DERIVAZIONE FILETTO F

- BRANCH TEE FEMALE BSP OUTLET
- T-STÜCK MIT ABGANG IG
- TÉ MIXTE AVEC FILETAGE F
- TE HEMBRA ROSCADA

MATERIAL: CuSn5Zn5Pb2-C - CC499K
O-RING: HNBR giallo - yellow - Gelb jaune - amarillo
THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x Rp x De mm x inch x mm	L1 mm	L2 mm	Z1 mm	Z2 mm	g		€
6893080156	15 x 3/8" x 15	41,5	22,5	21,5	10,5	118	4	59,31
6891020156	15 x 1/2" x 15	41,5	22,5	21,5	8,5	128	4	33,82
6891020186	18 x 1/2" x 18	42	24	22	10	145	4	58,64
6891020226	22 x 1/2" x 22	42	26	21	12	170	4	47,34
6893040226	22 x 3/4" x 22	42	30	21	14	183	4	67,91
6891020286	28 x 1/2" x 28	44	29	21	15	211	4	59,31
6893040286	28 x 3/4" x 28	44	30	21	14	216	4	76,95
6891000286	28 x 1" x 28	44	34	21	16	265	4	79,30
6891020356	35 x 1/2" x 35	50	34	24	19	308	1	81,19
6893040356	35 x 3/4" x 35	50	34	24	18	305	1	82,34
6891000356	35 x 1" x 35	50	35	24	17	329	1	86,09
6891020426	42 x 1/2" x 42	57	38	27	23	419	1	98,41
6893040426	42 x 3/4" x 42	57	38	27	22	415	1	106,77
6891020546	54 x 1/2" x 54	69	44	33	30	638	1	117,26
6893040546	54 x 3/4" x 54	69	44	33	28	639	1	128,11

B 70 72





692 G

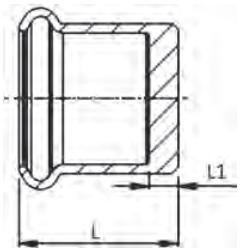
"T" RIDOTTO

- REDUCING TEE
- T-STÜCK MIT REDUZIERTEM ABGANG
- TÉ RÉDUIT
- TE REDUCIDA HHH

MATERIAL: Cu-DHP99,9 - CW024A
O-RING: HNBR giallo - yellow - Gelb jaune - amarillo

CODE	De mm	L1 mm	L2 mm	Z1 mm	Z2 mm	g		€
6920180156	18 x 15 x 18	34	35	14	15	93	4	11,20
6920220156	22 x 15 x 22	37	38	16	18	122	4	13,36
6920220186	22 x 18 x 22	37	38	16	18	128	4	17,19
6920280156	28 x 15 x 28	42	40,5	19	20,5	167	4	31,41
6920280186	28 x 18 x 28	42	40,5	19	20,5	168	4	43,37
6920280226	28 x 22 x 28	42	41	19	20	173	4	31,33
6920350156	35 x 15 x 35	50	44	24	24	250	1	46,33
6920350186	35 x 18 x 35	50	44	24	24	241	1	48,96
6920350226	35 x 22 x 35	50	44	24	23	237	1	42,37
6920350286	35 x 28 x 35	50	44	24	21	231	1	44,70
6920420156	42 x 15 x 42	57	47,5	27	27,5	338	1	84,44
6920420186	42 x 18 x 42	57	47,5	27	27,5	338	1	83,12
6920420226	42 x 22 x 42	57	53	27	32	330	1	81,04
6920420286	42 x 28 x 42	57	56	27	33	323	1	82,12
6920420356	42 x 35 x 42	57	61	27	35	338	1	85,23
6920540226	54 x 22 x 54	69	59	33,5	38	469	1	127,14
6920540286	54 x 28 x 54	69	64	33,5	41	465	1	130,97
6920540356	54 x 35 x 54	69	67	33,5	41	502	1	136,01
6920540426	54 x 42 x 54	69	70	33,5	40	489	1	101,84

B 70 72





683/003 G

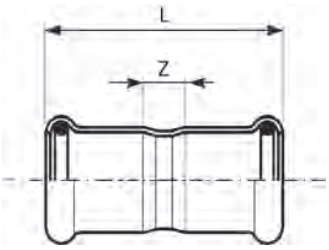
TAPPO DI CHIUSURA

- STOP END
- VERSCHLUSSKAPPE
- BOUCHON D'OBTURATION
- TAPÓN

MATERIAL: Cu-DHP99,9 - CW024A
O-RING: HNBR giallo - yellow - Gelb jaune - amarillo

CODE	De mm	L mm	L1 mm	g		€
6830150036	15	22,5	2,5	20	4	11,71
6830180036	18	23	3	25	4	15,60
6830220036	22	24,5	2,5	34	4	20,52
6830280036	28	26,5	3,5	49	4	31,57
6830350036	35	28,5	2,5	65	1	34,29
6830420036	42	32,5	2,5	93	1	53,14
6830540036	54	37,5	2,5	147	1	64,86

B 70 72





683/000 G

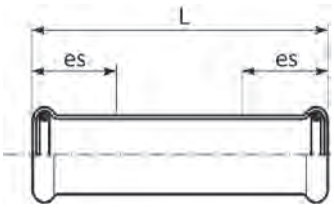
MANICOTTO

- COUPLING
- MUFFE
- MANCHON
- MANGUITO HH

MATERIAL: Cu-DHP99,9 - CW024A
O-RING: HNBR giallo - yellow - Gelb jaune - amarillo

CODE	De mm	L mm	Z mm	g		€
683015000G	15	49	9	39	4	5,71
683018000G	18	50	10	47	4	7,20
683022000G	22	53	11	62	4	8,55
683028000G	28	56	10	84	4	15,60
683035000G	35	63	10	108	1	19,30
683042000G	42	72	12	156	1	36,34
683054000G	54	83	13	225	1	45,68

B 70 72





683/001 G

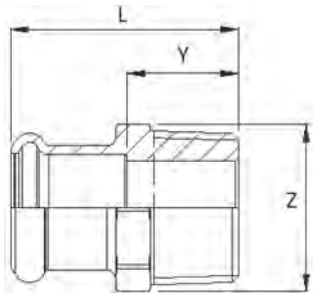
MANICOTTO PASSANTE

- SLIP COUPLING
- SCHIEBEMUFFE
- MANCHON LONG
- MANGUITO SIN TOPE

MATERIAL: Cu-DHP99,9 - CW024A
O-RING: HNBR giallo - yellow - Gelb jaune - amarillo

CODE	De mm	L mm	es mm	g		€
683015001G	15	80	25	58	4	6,25
683018001G	18	80	25	66	4	7,38
683022001G	22	80	25	80	4	8,77
683028001G	28	91	30	110	4	16,10
683035001G	35	102	30	167	1	20,92
683042001G	42	120	40	223	1	38,09
683054001G	54	140	40	333	1	49,18

B 70 72





687 G

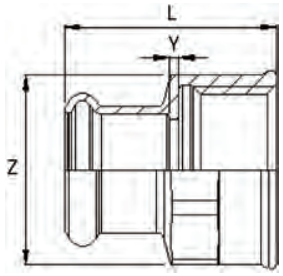
MANICOTTO MISTO FILETTO M

- MALE ADAPTER
- ÜBERGANGSSTÜCK MIT AG
- RACCORD AVEC FILETAGE MALE
- UNIÓN MACHO

MATERIAL: CuSn5Zn5Pb2-C - CC499K
O-RING: HNBR giallo - yellow - Gelb jaune - amarillo
THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x R mm x inch	L mm	Z mm	Y mm	g		€
6873080156	15 x 3/8"	32	21	12	32	4	**10,72**
687102015G	15 x 1/2"	36	22	16	53	4	**10,66**
687304015G	15 x 3/4"	37,5	27	17,5	74	4	**17,71**
687102018G	18 x 1/2"	37	22	17	47	4	**11,81**
687304018G	18 x 3/4"	38	27	17	65	4	**17,59**
687102022G	22 x 1/2"	36	27	18	58	4	**15,53**
687304022G	22 x 3/4"	39	27	18	64	4	**14,57**
687100022G	22 x 1"	42,5	34	21,5	111	4	**23,91**
687304028G	28 x 3/4"	42	34	19	93	4	**38,45**
687100028G	28 x 1"	44,5	34	21,5	105	4	**23,52**
687114028G	28 x 1"1/4	48	43	25	192	4	**48,52**
687100035G	35 x 1"	48	40	22	139	1	**53,56**
687114035G	35 x 1"1/4	50	43	24	182	1	**51,36**
687112035G	35 x 1"1/2	51	50	25	239	1	**55,51**
687114042G	42 x 1"1/4	54	50	24	223	1	**69,82**
687112042G	42 x 1"1/2	54	50	24	215	1	**71,85**
687112054G	54 x 1"1/2	60	63	24	316	1	**121,31**
687200054G	54 x 2"	63,5	63	27,5	341	1	**138,69**

B 70 72





690 G

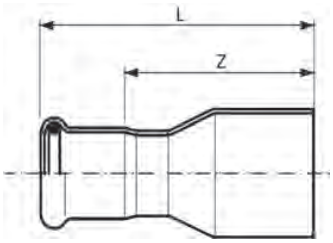
MANICOTTO MISTO FILETTO F

- FEMALE ADAPTER
- ÜBERGANGSSTÜCK MIT IG
- RACCORD AVEC FILETAGE FEMELLE
- UNIÓN HEMBRA

MATERIAL: CuSn5Zn5Pb2-C - CC499K
O-RING: HNBR giallo - yellow - Gelb jaune - amarillo
THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x Rp mm x inch	L mm	Z mm	Y mm	g		€
6903080156	15 x 3/8"	33,5	21	2	38	4	**12,42**
6901020156	15 x 1/2"	36	26	2	58	4	**16,31**
6903040156	15 x 3/4"	39	31	2	76	4	**20,13**
6901020186	18 x 1/2"	37	26	2	61	4	**16,81**
6903040186	18 x 3/4"	39	31	2	77	4	**23,32**
6901020226	22 x 1/2"	36	27	1,5	64	4	**15,96**
6903040226	22 x 3/4"	39	31	2.5	76	4	**18,38**
6901000226	22 x 1"	42,5	38	2	112	4	**30,44**
6901020286	28 x 1/2"	39	34	1	98	4	**40,86**
6903040286	28 x 3/4"	41,5	34	2	98	4	**45,07**
6901000286	28 x 1"	45	38	2,5	122	4	**29,54**
6901140286	28 x 1"1/4	48	46	3	162	4	**46,80**
6901000356	35 x 1"	45	40	2	132	1	**57,05**
6901140356	35 x 1"1/4	50	46	2	164	1	**56,36**
6901140426	42 x 1"1/4	54	50	2	198	1	**79,74**
6901120426	42 x 1"1/2	54	53	2	217	1	**81,76**
6902000546	54 x 2"	65	65	3	342	1	**142,27**

B 70 72





691 G

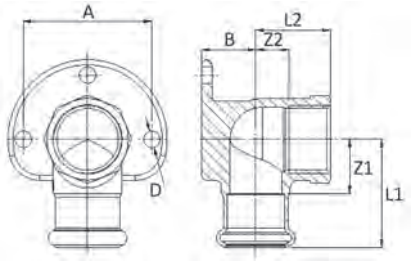
RIDUZIONE MF

- REDUCER
- REDUZIERSTÜCK
- REDUCTION
- REDUCCIÓN MH

MATERIAL: Cu-DHP99,9 - CW024A
O-RING: HNBR giallo - yellow - Gelb jaune - amarillo

CODE	De mm	L mm	Z mm	g		€
691018015G	18 x 15	57	37	42	4	5,06
691022015G	22 x 15	64	44	53	4	6,19
691022018G	22 x 18	59,5	39,5	52	4	6,36
691028015G	28 x 15	54	34	48	4	14,91
691028018G	28 x 18	53	33	54	4	15,35
691028022G	28 x 22	65	44	72	4	15,69
691035022G	35 x 22	59	38	68	1	18,63
691035028G	35 x 28	71	48	98	1	20,16
691042022G	42 x 22	66	45	97	1	31,74
691042028G	42 x 28	65	42	99	1	30,89
691042035G	42 x 35	80,5	54,5	137	1	29,57
691054022G	54 x 22	74	53	154	1	75,55
691054028G	54 x 28	70	47	148	1	63,61
691054035G	54 x 35	76	50	159	1	41,40
691054042G	54 x 42	97,5	67,5	204	1	39,64

B 70 72





685 G

GOMITO MISTO 90° FF

- WALL PLATE ELBOW 90° WITH FEMALE THREAD
- DECKENWINKEL 90° IG
- EQUERRE 90° FF
- CODO PLACA HH

MATERIAL: CuSn5Zn5Pb2-C - CC499K
O-RING: HNBR giallo - yellow - Gelb jaune - amarillo
THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x Rp mm x inch	L1 mm	L2 mm	Z1 mm	Z2 mm	A mm	B mm	D mm	g		€
6851020015G	15 x 1/2"	41,5	22,5	21,5	7	40	14	6,5	172	4	29,95
6851020018G	18 x 1/2"	42	24	22	9	40	15	6,5	188	4	39,13
6853040022G	22 x 3/4"	42	29	21	13	50	21	6,5	247	4	63,79

Certificazioni / Certifications

	RINA	GIUNTI MECCANICI PER TUBOLATURE – MARINEPRES MECHANICAL JOINTS FOR PIPES – MARINEPRES	MAC – 398223CS	Ø 15 – 108 mm
	ICIM	RACCORDI A PRESSARE IN CUPRONICHEL / CUPRONICKEL PRESSFITTINGS PRODOTTI E COMPONENTI UTILIZZATI A CONTATTO CON ACQUA POTABILE PRODUCT AND ELEMENTS IN CONTACT WITH DRINKING WATER	ICIM-CAP-009671-04	Ø 15 – 108 mm
	DNV	TUBE FITTINGS – MARINEPRES	TAP000007B	Ø 15 – 108 mm
	DNV	PIPE, DUCT, TRUNK – MARINEPRES	MEDB00007F1	Ø 15 – 108 mm
	LR	PRESS FIT SYSTEM OF COMPRESSION TYPE FOR PIPING SYSTEMS	LR23190401TA	Ø 15 – 108 mm
	KR	COMPRESSION COUPLINGS – PRESSTYPE	MIL46378-PE001	Ø 15 – 108 mm
	BV	PIPE COUPLING WITH O-RING SEAL MARINEPRES SYSTEM	38059/C1 BV	Ø 15 – 108 mm
	ABS	MARINEPRES, PIPING SYSTEM AND FITTING	24-0113295-PDA	Ø 15 – 108 mm
		MARINEPRES, MECHANICAL JOINTS	ML 24PTB00011	Ø 15 – 108 mm

Campi di applicazione / Fields of application

MARINE PRES®

Riscaldamento
Heating

Raffrescamento
Cooling

Solare termico
Solar thermal

BAR

Aria compressa
Compressed air

Antincendio
Fire protection systems

Acque di processo
Process water

Scarichi
Waste water

MARINE PRES® **O-ring FKM**

Verde | Green | Grün | Vert | Verde



BIM
Libreria BIM per REVIT - BIM library for REVIT

SCOPRI
LA GAMMA
MARINE PRES®
DISCOVER
THE RANGE

RACCORDERIE METALLICHE



616/000 CN

≤54 B 90 91
76÷108 B 90 92

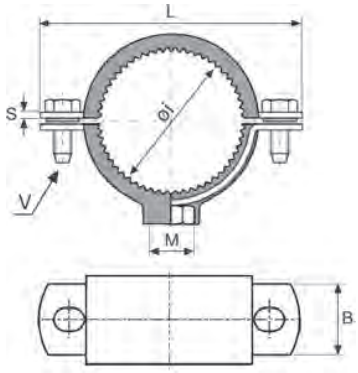
PER IMPIANTI NAVALI

- FOR SHIPYARD SECTOR
- FÜR SCHIFFSBEREICH
- POUR SECTEUR NAVAL
- PARA SECTOR NAVAL

NORM: DIN 86019

Mat. Nr.: CuNi10Fe1.6Mn L=6 m

CODE	Dimensions mm x mm	Ø int mm	L m	kg/m	Volume l/m	Minimum package m	€/m
616015000CN	15 x 1,0	13	6	0,39	0,133	60	**59,79**
616018000CN	18 x 1,0	16	6	0,48	0,201	60	**72,71**
616022000CN	22 x 1,0	20	6	0,59	0,314	60	**89,83**
616028000CN	28 x 1,5	25	6	1,12	0,491	30	**169,88**
616035000CN	35 x 1,5	32	6	1,41	0,804	30	**214,82**
616042000CN	42 x 1,5	39	6	1,71	1,194	30	**259,79**
616054000CN	54 x 1,5	51	6	2,21	2,042	30	**336,78**
616076000CN	76,1 x 2,0	72,1	6	4,16	4,08	6	**570,48**
616088000CN	88,9 x 2,0	84,9	6	4,88	5,66	6	**657,83**
616108000CN	108 x 2,5	103	6	7,41	8,332	6	**1123,51**





Conforme a
Conform to
Entsprechend
Correspondant
Conforme a la
DIN 4109

A 50 50

156/G

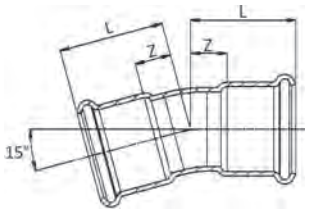
COLLARE GOMMA PER TUBO INOXPRES

- CLAMP WITH RUBBER FOR INOXPRES PIPE
- ROHRSCHELLE MIT GUMMIEINLAGE FÜR INOXPRES ROHR
- COLLIER DE FIXATION GARNITURE ISOPHONIQUE POUR TUBE INOXPRES
- ABRAZADERA ISOFÓNICA PARA TUBO INOXPRES

MATERIAL: AISI 304 - 1.4301
VULCANIZED RUBBER: EPDM (-20° C/+120° C) durezza/hardness 55 Shore
NOTE: dado saldato con puntatura elettrica
spot welded nut

CODE	Øi mm	M	V mm	B mm	L mm	S mm	g		€
156150304G	15 - 18	M 8	M 6 x 20	20	58	2,5	72	50*	**12,18**
156308304G	16 - 18	M 8	M 6 x 20	20	58	2,5	76	50*	**12,18**
156102304G	20 - 24	M 8	M 6 x 20	20	63,5	2,5	86	50*	**12,42**
156304304G	25 - 28	M 8	M 6 x 20	20	70	2,5	94	50*	**12,91**
156100304G	31 - 35	M 8	M 6 x 20	20	79	2,5	112	50*	**13,68**
156114304G	39 - 43	M 8	M 6 x 20	20	85	2,5	120	50*	**15,94**
156112304G	47 - 54	M 8	M 6 x 25	20	97	2,5	142	50*	**17,38**
156212304G	73 - 76,5	M 10	M 6 x 25	30	128	2,5	308	10*	**26,40**
156300304G	86 - 89	M 10	M 6 x 25	30	148	2,5	346	10*	**28,61**
156108316G **	108	M 8 / 10	M 6 x 25	20	168	2	200	10*	**23,95**

(*) unità minima di vendita / minimum selling quantity
(**) Gomma staccabile - Detachable rubber - Abnehmbare Gummi - Caoutchouc amovible - Goma desmontable AISI 316 / 1.4401 (famiglia / family A 50 51)





681/150 CN

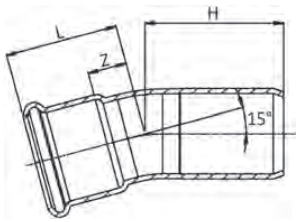
≤54 B 80 81
76÷108 B 80 82

CURVA 15° FF

- 15° ELBOW FF
- BOGEN 15° II
- COUDE FF 15°
- CURVA 15° HH

MATERIAL: CuNi10Fe1.6Mn
O-RING: FKM verde - green - Grün vert - verde

CODE	De mm	L mm	Z mm	g			€
681015150CN	15	30	10	43	20	300	33,66
681022150CN	22	33	12	72	20	100	41,53
681028150CN	28	36	13	97	10	100	48,01
681035150CN	35	37	11	140	10	60	56,11
681042150CN	42	42	12	200	4	40	91,38
681054150CN	54	49	13	302	2	20	116,72
681076150CNC	76,1	87,5	32,5	863	2	2	422,68
681088150CNC	88,9	100,5	40,5	1147	2	2	505,03
681108150CNC	108	109,5	34,5	1567	2	2	694,24





681/151 CN

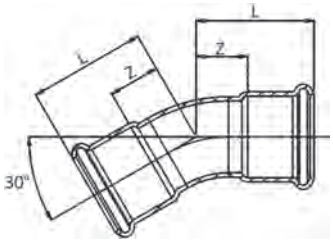
≤54 B 80 81
76÷108 B 80 82

CURVA 15° MF

- 15° ELBOW MF
- BOGEN 15° IA
- COUDE MF 15°
- CURVA 15° HM

MATERIAL: CuNi10Fe1.6Mn
O-RING: FKM verde - green - Grün vert - verde

CODE	De mm	L mm	H mm	Z mm	g			€
681015151CN	15	30	40	10	42	20	300	32,12
681022151CN	22	33	41	12	71	20	100	39,16
681028151CN	28	36	43	13	101	10	100	47,58
681035151CN	35	37	41	11	148	10	60	55,53
681042151CN	42	42	55,5	12	183	4	40	87,14
681054151CN	54	49	55	13	339	2	20	110,06
681076151CNC	76,1	87,5	95,5	32,5	827	2	2	392,15
681088151CNC	88,9	100,5	108,5	40,5	1100	2	2	462,70
681108151CNC	108	109,5	118	34,5	1482	2	2	649,38





681/300 CN

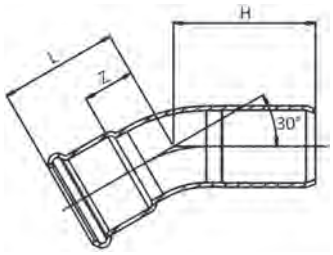
≤54 B 80 81
76÷108 B 80 82

CURVA 30° FF

- 30° ELBOW FF
- BOGEN 30° II
- COUDE FF 30°
- CURVA 30° HH

MATERIAL: CuNi10Fe1.6Mn
O-RING: FKM verde - green - Grün vert - verde

CODE	De mm	L mm	Z mm	g			€
681015300CN	15	33	13	43	20	300	33,66
681022300CN	22	37	16	72	20	100	41,53
681028300CN	28	41	18	97	10	100	48,01
681035300CN	35	37	11	140	10	60	56,11
681042300CN	42	44	14	200	4	40	91,38
681054300CN	54	52	17	302	2	20	116,72
681076300CN	76,1	100	55	1004	2	2	422,68
681088300CN	88,9	115	64	1394	2	2	505,03
681108300CN	108	127	68	1896	2	2	694,24





681/301 CN

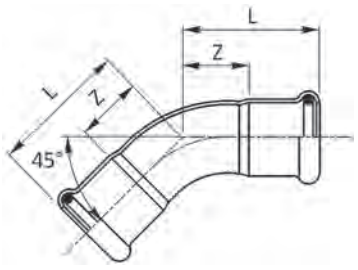
≤54 B 80 81
76÷108 B 80 82

CURVA 30° MF

- 30° ELBOW MF
- BOGEN 30° IA
- COUDE MF 30°
- CURVA 30° HM

MATERIAL: CuNi10Fe1.6Mn
O-RING: FKM verde - green - Grün vert - verde

CODE	De mm	L mm	H mm	Z mm	g			€
681015301CN	15	33	43	13	42	20	300	32,12
681022301CN	22	37	46	16	71	20	100	39,16
681028301CN	28	41	48	18	101	10	100	47,58
681035301CN	35	37	46	11	148	10	60	55,53
681042301CN	42	44	54	14	208	4	40	87,14
681054301CN	54	52	63	17	339	2	20	110,06
681076301CN	76,1	100	108	55	1004	2	2	392,15
681088301CN	88,9	115	123	64	1394	2	2	462,70
681108301CN	108	127	136	68	1896	2	2	649,38





681/450 CN

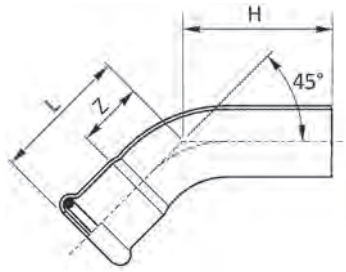
≤54 B 80 81
76÷108 B 80 82

CURVA 45° FF

- 45° ELBOW FF
- BOGEN 45° II
- COUDE FF 45°
- CURVA 45° HH

MATERIAL: CuNi10Fe1.6Mn
O-RING: FKM verde - green - Grün vert - verde

CODE	De mm	L mm	Z mm	g			€
681015450CN	15	27,5	7,5	43	20	300	33,66
681018450CN	18	29,5	9,5	54	20	300	37,36
681022450CN	22	32	11	72	20	100	41,53
681028450CN	28	37	14	97	10	100	48,01
681035450CN	35	43,5	17,5	140	10	60	56,11
681042450CN	42	51	21	200	4	40	91,38
681054450CN	54	62	26,5	302	2	20	116,72
681076450CN	76,1	133	78	1004	2	2	422,68
681088450CN	88,9	144,5	84,5	1394	2	2	505,03
681108450CN	108	169	94	1896	2	2	694,24





681/451 CN

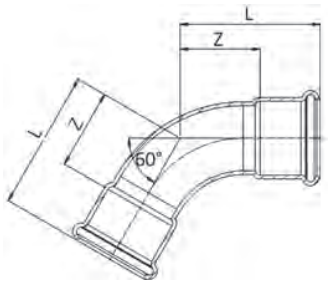
≤54 B 80 81
76÷108 B 80 82

CURVA 45° MF

- 45° ELBOW MF
- BOGEN 45° IA
- COUDE MF 45°
- CURVA 45° HM

MATERIAL: CuNi10Fe1.6Mn
O-RING: FKM verde - green - Grün vert - verde

CODE	De mm	L mm	H mm	Z mm	g			€
681015451CN	15	27,5	39,5	7,5	42	20	300	32,12
681018451CN	18	29,5	36	9,5	54	20	300	34,58
681022451CN	22	32	42	11	71	20	100	39,16
681028451CN	28	37	46	14	101	10	100	47,58
681035451CN	35	43,5	57,5	17,5	148	10	60	55,53
681042451CN	42	51	72	21	208	4	40	87,14
681054451CN	54	62	82	26,5	339	2	20	110,06
681076451CN	76,1	133	149	78	1004	2	2	392,15
681088451CN	88,9	144,5	159,5	84,5	1394	2	2	462,70
681108451CN	108	169	184	94	1896	2	2	649,38





681/600 CN

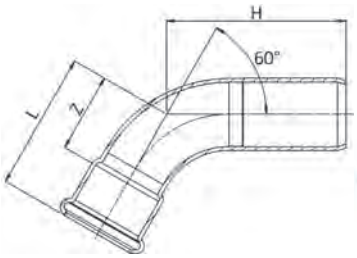
≤54 B 80 81
76÷108 B 80 82

CURVA 60° FF

- 60° ELBOW FF
- BOGEN 60° II
- COUDE FF 60°
- CURVA 60° HH

MATERIAL: CuNi10Fe1.6Mn
O-RING: FKM verde - green - Grün vert - verde

CODE	De mm	L mm	Z mm	g			€
681028600CN	28	42	19	109	10	50	**48,01**
681035600CN	35	71	44	140	5	50	**56,11**
681042600CN	42	82	50	200	2	30	**91,38**
681054600CN	54	82	44	348	2	18	**116,72**
681076600CN	76,1	146,5	91,5	1311	2	2	**422,68**
681088600CN	88,9	162	102	1687	2	2	**505,03**
681108600CN	108	190	115	2440	2	2	**694,24**





681/601 CN

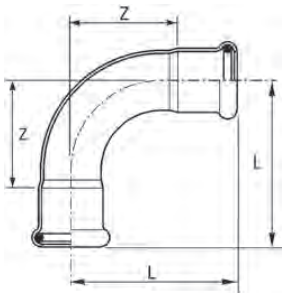
≤54 B 80 81
76÷108 B 80 82

CURVA 60° MF

- 60° ELBOW MF
- BOGEN 60° IA
- COUDE MF 60°
- CURVA 60° HM

MATERIAL: CuNi10Fe1.6Mn
O-RING: FKM verde - green - Grün vert - verde

CODE	De mm	L mm	H mm	Z mm	g			€
681035601CN	35	71	74	50	148	5	50	**55,53**
681042601CN	42	82	86	50	208	2	30	**87,14**
681054601CN	54	82	89	45	339	2	18	**110,06**
681076601CN	76,1	146,5	164	91,5	1313	2	2	**392,15**
681088601CN	88,9	162	177	102	1674	2	2	**462,70**
681108601CN	108	190	205	115	2392	2	2	**649,38**





681/900 CN

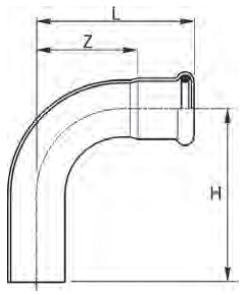
≤54 B 80 81
76÷108 B 80 82

CURVA 90° FF

- 90° ELBOW FF
- BOGEN 90° II
- COUDE FF 90°
- CURVA 90° HH

MATERIAL: CuNi10Fe1.6Mn
O-RING: FKM verde - green - Grün vert - verde

CODE	De mm	L mm	Z mm	g			€
681015900CN	15	38	18	51	20	300	**25,17**
681018900CN	18	41,5	21,5	64	20	200	**30,98**
681022900CN	22	47	26	88	10	100	**34,66**
681028900CN	28	56	33	124	10	50	**42,58**
681035900CN	35	68	42	185	5	50	**68,61**
681042900CN	42	80	50	253	2	30	**118,27**
681054900CN	54	100	65	427	2	18	**152,99**
681076900CN	76,1	160	105	1283	2	2	**364,01**
681088900CN	88,9	182	122	1762	2	2	**467,17**
681108900CN	108	220	145	2509	2	2	**607,36**





681/901 CN

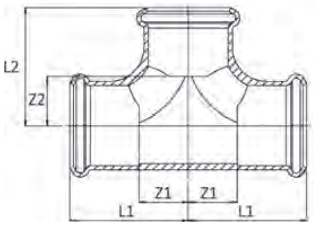
≤54 B 80 81
76÷108 B 80 82

CURVA 90° MF

- 90° ELBOW MF
- BOGEN 90° IA
- COUDE MF 90°
- CURVA 90° HM

MATERIAL: CuNi10Fe1.6Mn
O-RING: FKM verde - green - Grün vert - verde

CODE	De mm	L mm	H mm	Z mm	g			€
681015901CN	15	38	48	18	51	20	300	**27,40**
681018901CN	18	41,5	48,5	21,5	64	20	200	**28,18**
681022901CN	22	47	57	26	88	10	100	**33,08**
681028901CN	28	56	64	33	124	10	50	**41,01**
681035901CN	35	68	82	42	191	5	50	**66,18**
681042901CN	42	80	101	50	268	2	30	**108,13**
681054901CN	54	100	120	65	422	2	18	**148,34**
681076901CN	76,1	160	177	105	1283	2	2	**360,00**
681088901CN	88,9	182	197	122	1762	2	2	**428,64**
681108901CN	108	220	233	145	2509	2	2	**596,34**





682 CN

≤54 B 80 81
76÷108 B 80 82

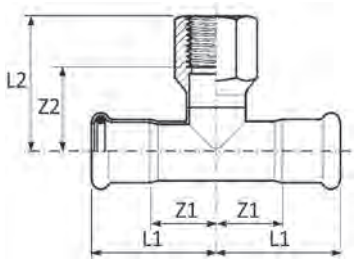
"T"

- EQUAL TEE
- T-STÜCK
- TÉ ÉGAL
- TE IGUAL HHH

MATERIAL: CuNi10Fe1.6Mn
O-RING: FKM verde - green - Grün vert - verde

CODE	De mm	L1 mm	L2 mm	Z1 mm	Z2 mm	g			€
682015000CN*	15	32	32	10,5	10,5	77	20	200	40,39
682018000CN*	18	34	34	12,5	12,5	95	20	100	44,65
682022000CN*	22	37	37	14,5	14,5	124	10	100	48,54
682028000CN*	28	42	42	17,5	17,5	175	10	50	57,22
682035000CN*	35	50	50	22,5	22,5	252	4	32	74,00
682042000CN*	42	57	57	25,5	25,5	343	4	20	102,18
682054000CN*	54	69	69	32,5	32,5	520	2	12	123,43
682076000CN	76,1	108	117,5	53	62,5	1422	2	2	791,48
682088000CN	88,9	131,5	134,5	71,5	71,5	1712	2	2	889,73
682108000CN	108	155	160	80	85	2359	2	2	1111,12

(*) idroformato - hydroformed - hydrogeformt - hydroformé - hidroformado





689 CN

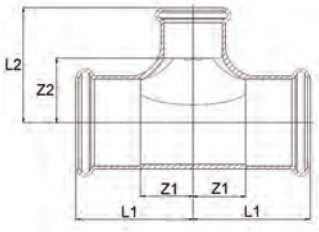
≤54 B 80 81
76÷108 B 80 82

"T" CON DERIVAZIONE FILETTO F

- BRANCH TEE FEMALE BSP OUTLET
- T-STÜCK MIT ABGANG IG
- TÉ MIXTE AVEC FILETAGE F
- TE HEMBRA ROSCADA

MATERIAL: CuNi10Fe1.6Mn
O-RING: FKM verde - green - Grün vert - verde
THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x Rp x De mm x inch x mm	L1 mm	L2 mm	Z1 mm	Z2 mm	g			€
689102015CN	15 x 1/2" x 15	34,5	40	13,5	25	100	20	100	51,25
689102018CN	18 x 1/2" x 18	36,5	41,5	16,5	26,5	121	20	100	55,37
689102022CN	22 x 1/2" x 22	39,5	44	18	29	154	10	100	60,48
689304022CN	22 x 3/4" x 22	39,5	47	18	30,5	159	10	100	64,10
689102028CN	28 x 1/2" x 28	44	46,5	21	31,5	188	10	50	66,05
689304028CN	28 x 3/4" x 28	44	49,5	21	33	206	10	50	75,24
689102035CN	35 x 1/2" x 35	51	50	25,5	35	220	5	50	74,21
689304035CN	35 x 3/4" x 35	51	53	25,5	36,5	229	5	40	91,29
689102042CN	42 x 1/2" x 42	58,5	54	28,5	39	302	4	32	93,60
689304042CN	42 x 3/4" x 42	58,5	56,5	28,5	40	309	4	32	99,78
689102054CN	54 x 1/2" x 54	69,5	61	34	46	420	2	14	107,40
689304054CN	54 x 3/4" x 54	69,5	64	34	47,5	436	2	14	112,98
689304076CN	76,1 x 3/4" x 76,1	108	76	53	59,5	1160	2	2	702,09
689304088CN	88,9 x 3/4" x 88,9	131,5	83,5	71,5	67	1400	2	2	780,41
689304108CN	108 x 3/4" x 108	155	93	80	76,5	1896	2	2	944,48





692 CN

≤54 B 80 81
76÷108 B 80 82

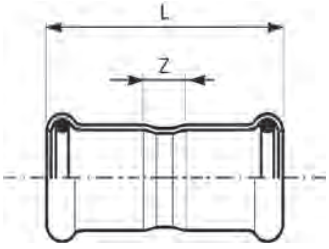
"T" RIDOTTO

- REDUCING TEE
- T-STÜCK MIT REDUZIERTEM ABGANG
- TÉ RÉDUIT
- TE REDUCIDA HHH

MATERIAL: CuNi10Fe1.6Mn
O-RING: FKM verde - green - Grün vert - verde

CODE	De mm	L1 mm	L2 mm	Z1 mm	Z2 mm	g			€
692018015CN*	18 x 15 x 18	34	35	12,5	13,5	89	20	100	**42,82**
692022015CN*	22 x 15 x 22	37	38	16	18	118	10	100	**46,18**
692028015CN*	28 x 15 x 28	42	40,5	17,5	19	157	10	50	**53,67**
692028018CN*	28 x 18 x 28	42	40,5	17,5	19	162	10	50	**56,00**
692028022CN*	28 x 22 x 28	42	41	17,5	20	166	10	50	**57,02**
692035015CN	35 x 15 x 35	51	49	25	29	176	5	50	**66,00**
692035022CN	35 x 22 x 35	51	50,5	25	29,5	186	5	50	**69,60**
692035028CN	35 x 28 x 35	51	53,5	25	30,5	191	5	35	**70,65**
692042022CN	42 x 22 x 42	58,5	54	28	33	264	4	20	**97,87**
692042028CN	42 x 28 x 42	58,5	57	28	34	261	4	20	**99,16**
692042035CN	42 x 35 x 42	58,5	61	28	35	303	4	20	**107,73**
692054022CN	54 x 22 x 54	69,5	61,5	34	40,5	368	2	16	**113,95**
692054028CN	54 x 28 x 54	69,5	65,5	34	41,5	385	2	16	**115,42**
692054035CN	54 x 35 x 54	69,5	68,5	34	42,5	403	2	16	**120,72**
692054042CN	54 x 42 x 54	69,5	72	34	42	419	2	16	**130,19**
692076022CN	76,1 x 22 x 76,1	108	72,5	52	52,5	1110	2	2	**599,34**
692076028CN	76,1 x 28 x 76,1	108	77	52	54	1132	2	2	**644,99**
692076035CN	76,1 x 35 x 76,1	108	80	52	54	1143	2	2	**688,52**
692076042CN	76,1 x 42 x 76,1	108	84	52	54	1165	2	2	**726,68**
692076054CN	76,1 x 54 x 76,1	108	91	52	55	1188	2	2	**780,18**
692088022CN	88,9 x 22 x 88,9	132	81	72	60	1361	2	2	**635,75**
692088028CN	88,9 x 28 x 88,9	132	84	72	61	1366	2	2	**675,45**
692088035CN	88,9 x 35 x 88,9	132	88	72	62	1389	2	2	**719,47**
692088042CN	88,9 x 42 x 88,9	132	91	72	61	1400	2	2	**780,35**
692088054CN	88,9 x 54 x 88,9	132	98	72	63	1428	2	2	**808,47**
692088076CN	88,9 x 76 x 88,9	132	125	72	70	1656	2	2	**873,78**
692108022CN	108 x 22 x 108	155	91	80	70	1857	2	2	**676,13**
692108028CN	108 x 28 x 108	155	94	80	71	1863	2	2	**709,00**
692108035CN	108 x 35 x 108	155	97	80	71	1980	2	2	**787,67**
692108042CN	108 x 42 x 108	155	101	80	71	2080	2	2	**821,48**
692108054CN	108 x 54 x 108	155	107	80	72	2147	2	2	**890,88**
692108076CN	108 x 76,1 x 108	155	135	80	80	2153	2	2	**929,45**
692108088CN	108 x 88,9 x 108	155	144	80	84	2192	2	2	**1061,85**

(*) idroformato - hydroformed - hydrogeformt - hydroformé - hidroformado





683/000 CN

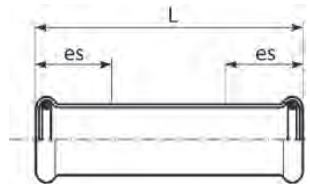
≤54 B 80 81
76÷108 B 80 82

MANICOTTO

- COUPLING
- MUFFE
- MANCHON
- MANGUITO HH

MATERIAL: CuNi10Fe1.6Mn
O-RING: FKM verde - green - Grün vert - verde

CODE	De mm	L mm	Z mm	g			€
683015000CN	15	49	9	39	20	500	**17,61**
683018000CN	18	50	10	47	20	300	**18,72**
683022000CN	22	52,5	10,5	60	20	200	**20,93**
683028000CN	28	56	10	79	10	150	**24,19**
683035000CN	35	62,5	10,5	108	10	100	**32,05**
683042000CN	42	72	12	152	4	60	**40,69**
683054000CN	54	83	12	221	2	24	**49,14**
683076000CN	76,1	142	32	708	4	4	**287,84**
683088000CN	88,9	165,5	45,5	853	4	4	**328,87**
683108000CN	108	203	53	1305	2	2	**414,37**





683/001 CN

≤54 B 80 81
76÷108 B 80 82

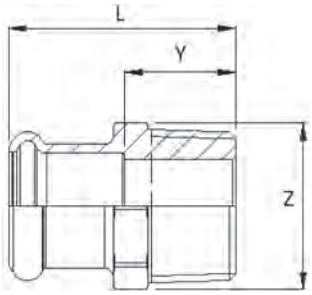
MANICOTTO PASSANTE

- SLIP COUPLING
- SCHIEBEMUFFE
- MANCHON LONG
- MANGUITO SIN TOPE

MATERIAL: CuNi10Fe1.6Mn
O-RING: FKM verde - green - Grün vert - verde

CODE	De mm	L mm	es mm	g			€
683015001CN	15	67,5	25	54	20	200	**28,50**
683018001CN	18	71	25	66	20	200	**33,00**
683022001CN	22	77	25	86	10	100	**37,84**
683028001CN	28	88	30	123	10	50	**43,05**
683035001CN	35	101,5	30	171	4	40	**46,98**
683042001CN	42	117	40	243	2	40	**56,43**
683054001CN	54	138	40	358	2	20	**68,07**
683076001CN	76,1	225	60	1105	2	2	**534,99**
683088001CN	88,9	258	70	1468	2	2	**600,94**
683108001CN	108	305	80	2135	2	2	**731,31**

B 80 81





687 CN

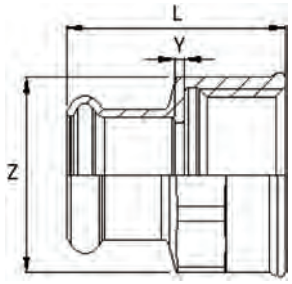
MANICOTTO MISTO FILETTO M

- MALE ADAPTER
- ÜBERGANGSSTÜCK MIT AG
- RACCORD AVEC FILETAGE MALE
- UNIÓN MACHO

MATERIAL: CuNi10Fe1.6Mn
O-RING: FKM verde - green - Grün vert - verde
THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x R mm x inch	L mm	Z mm	Y mm	g			€
687102015CN	15 x 1/2"	36	24	16	58	20	300	**41,78**
687102018CN	18 x 1/2"	37	27	17	58	20	300	**45,71**
687304018CN	18 x 3/4"	38	30	18	73	20	200	**48,67**
687102022CN	22 x 1/2"	38	32	17	72	10	200	**56,10**
687304022CN	22 x 3/4"	39	32	18	80	10	200	**55,63**
687100028CN	28 x 1"	44,5	38	21,5	121	10	100	**73,98**
687114035CN	35 x 1"1/4	50	46	24	199	5	50	**120,25**
687112042CN	42 x 1"1/2	54	54	24	244	4	40	**188,03**
687200054CN	54 x 2"	63,5	70	27,5	406	4	32	**300,02**

B 80 81





690 CN

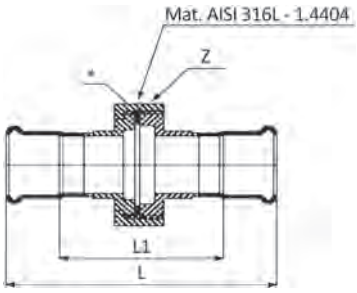
MANICOTTO MISTO FILETTO F

- FEMALE ADAPTER
- ÜBERGANGSSTÜCK MIT IG
- RACCORD AVEC FILETAGE FEMELLE
- UNIÓN HEMBRA

MATERIAL: CuNi10Fe1.6Mn
O-RING: FKM verde - green - Grün vert - verde
THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x Rp mm x inch	L mm	Z mm	Y mm	g			€
690102015CN	15 x 1/2"	36	30	2	70	20	300	**45,32**
690102018CN	18 x 1/2"	37	30	2	74	20	300	**46,66**
690304018CN	18 x 3/4"	39	34	2	90	10	200	**45,02**
690102022CN	22 x 1/2"	36	32	1	80	20	200	**78,31**
690304022CN	22 x 3/4"	39	34	1,5	87	10	100	**65,30**
690102028CN	28 x 1/2"	39	38	1	115	10	100	**74,11**
690100028CN	28 x 1"	45	43	2,5	148	10	100	**92,50**
690114035CN	35 x 1"1/4	50	50	2	192	5	50	**142,23**
690112042CN	42 x 1"1/2	54	60	2	272	4	40	**215,81**
690200054CN	54 x 2"	65	70	3	399	4	20	**339,10**

B 80 81





684/001 CN

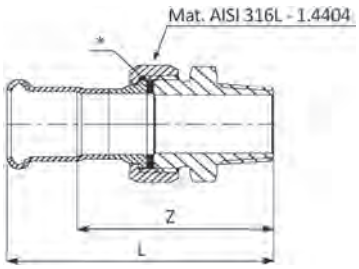
BOCCHETTONE A SEDE PIANA

- FLAT FACED UNION
- DURCHGANGSVERSCHRAUBUNG MIT PRESSENDEN FLACHDICHTEND
- ÉLÉMENT DE TRANSITION FILTÉ PLAT AVEC MANCHONS DES 2 CÔTES
- RÁCOR 3 PIEZAS PLANO

MATERIAL: CuNi10Fe1.6Mn
O-RING: FKM verde - green - Grün vert - verde
GASKET: (*): FKM verde - green - Grün vert - verde

CODE	De mm	L mm	L1 mm	Z mm	Gasket mm	g			€
684015001CN	15	97	57	34	24x14 thk 3	146	10	100	**101,09**
684018001CN	18	98	58	39	30x20 thk 3	187	10	100	**119,22**
684022001CN	22	100	58	39	30x20 thk 3	194	10	50	**134,29**
684028001CN	28	118	72	58	47,5x37 thk 3	450	5	25	**195,60**
684035001CN	35	128	76	67	56x42 thk 3	617	4	20	**246,78**
684042001CN	42	141	81	77	66x56 thk 3	797	2	20	**306,15**
684054001CN	54	157	86	90	79,5x69 thk 3	1176	2	10	**515,65**

B 80 81





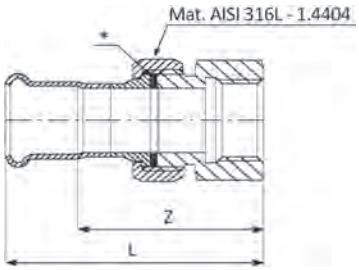
684/002 CN

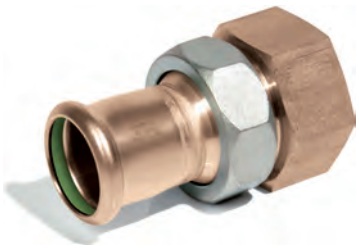
BOCCHETTONE SEDE PIANA FILETTO M

- STRAIGHT MALE UNION CONNECTOR
- DURCHGANGSVERSCHRAUBUNG MIT AUSSENGEWINDE
- RACCORD UNION FILETÉ
- RÁCOR 3 PIEZAS ROSCADO MACHO

MATERIAL: CuNi10Fe1.6Mn
O-RING: FKM verde - green - Grün vert - verde
GASKET: (*): FKM verde - green - Grün vert - verde
THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x R mm x inch	L mm	Z mm	Gasket mm	g			€
684015002CN	15 x 1/2"	77	57	24x14 thk 3	142	2	160	**102,12**
684018002CN	18 x 1/2"	78	58	24x14 thk 3	144	2	160	**116,30**
684022002CN	22 x 3/4"	81	60	30x20 thk 3	202	2	100	**119,76**
684028002CN	28 x 1"	91	68	39x27 thk 3	364	2	60	**204,12**
684035002CN	35 x 1"1/4	102	76	44,5x34 thk 3	540	2	40	**260,66**
684042002CN	42 x 1"1/2	105	75	50,5x40 thk 3	563	2	30	**284,15**
684054002CN	54 x 2"	118	83	65,5x53,5 thk 3	823	2	20	**487,88**





B 80 81

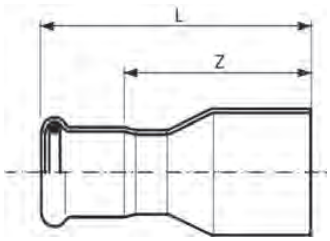
684/003 CN

BOCCHETTONE SEDE PIANA FILETTO F

- STRAIGHT FEMALE UNION CONNECTOR
- DURCHGANGSVERSCHRAUBUNG MIT INNENGEWINDE
- RACCORD UNION TARAUDÉ
- RÁCOR 3 PIEZAS HEMBRA

MATERIAL: CuNi10Fe1.6Mn
O-RING: FKM verde - green - Grün vert - verde
GASKET: (*): FKM verde - green - Grün vert - verde
THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x Rp mm x inch	L mm	Z mm	Gasket mm	g			€
684015003CN	15 x 1/2"	72	52	24x14 thk 3	140	2	160	96,90
684018003CN	18 x 1/2"	72	52	24x14 thk 3	145	2	140	116,89
684022003CN	22 x 3/4"	76	55	30x20 thk 3	213	2	100	133,86
684028003CN	28 x 1"	84	61	39x27 thk 3	404	2	60	176,18
684035003CN	35 x 1"1/4	94	68	44,5x34 thk 3	486	2	30	218,13
684042003CN	42 x 1"1/2	97	67	50,5x40 thk 3	536	2	30	257,56
684054003CN	54 x 2"	116	81	65,5x53,5 thk 3	1091	2	20	491,13





≤54 B 80 81
76÷108 B 80 82

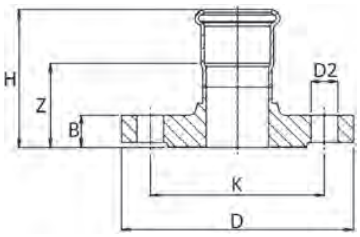
691 CN

RIDUZIONE MF

- REDUCER
- REDUZIERSTÜCK
- REDUCTION
- REDUCCIÓN MH

MATERIAL: CuNi10Fe1.6Mn
O-RING: FKM verde - green - Grün vert - verde

CODE	De mm	L mm	Z mm	g			€
691018015CN	18 x 15	57	37	43	20	500	21,31
691022015CN	22 x 15	64	44	54	20	400	25,80
691022018CN	22 x 18	60	40	54	20	300	22,71
691028015CN	28 x 15	76,5	56,5	73	20	200	26,90
691028022CN	28 x 22	65	44	74	20	200	25,80
691035022CN	35 x 22	70	49	91	10	100	33,06
691035028CN	35 x 28	71	48	101	10	100	32,73
691042022CN	42 x 22	97	76	140	4	80	101,35
691042028CN	42 x 28	93	70	145	4	80	103,58
691042035CN	42 x 35	81	55	139	4	40	45,10
691054028CN	54 x 28	108,5	85,5	204	4	40	95,43
691054035CN	54 x 35	108	82	215	4	40	118,82
691054042CN	54 x 42	97,5	67,5	216	4	32	52,21
691076042CN	76,1 x 42	141	111	489	4	4	256,49
691076054CN	76,1 x 54	158	123	593	4	4	266,38
691088054CN	88,9 x 54	176	141	763	4	4	374,14
691088076CN	88,9 x 76,1	184	129	902	4	4	357,35
691108054CN	108 x 54	204	168	1067	2	2	410,65
691108076CN	108 x 76,1	206	151	1126	2	2	414,19
691108088CN	108 x 88,9	207	147	1229	2	2	406,12





693/002 CN

≤54 B 80 81
76÷108 B 80 82

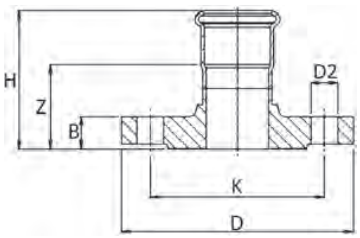
MANICOTTO FLANGIATO

- ADAPTOR FLANGE
- ÜBERGANGSFLANSCH
- BRIDE DE RACCORDEMENT
- BRIDA ADAPTADOR

MATERIAL: CuNi10Fe1.6Mn
O-RING: FKM verde - green - Grün vert - verde

PN 6

CODE	De mm	DN flg	H mm	Z mm	B mm	D mm	D2 mm	Holes Nr.	K mm	g			€
693015002CN	15	15	53	33	12	80	11	4	55	452	2	20	149,15
693018002CN	18	15	53,5	33,5	12	80	11	4	55	452	2	20	147,78
693022002CN	22	20	56,5	35,5	14	90	11	4	65	680	2	14	175,04
693028002CN	28	25	59,5	36,5	14	100	11	4	75	843	2	10	228,57
693035002CN	35	32	63	37	14	120	14	4	90	1206	2	6	255,92
693042002CN	42	40	67	37	14	130	14	4	100	1324	2	6	344,25
693054002CN	54	50	74	38	14	140	14	4	110	1505	2	4	389,92
693076002CN	76,1	65	101	45,5	14	160	14	4	130	2086	2	2	815,88
693088002CN	88,9	80	112	52	16	190	18	4	150	3253	2	2	1089,56
693108002CN	108	100	128	53	16	210	18	4	170	3924	2	2	1301,70





693/000 CN

≤54 B 80 81
76÷108 B 80 82

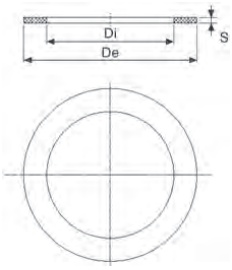
MANICOTTO FLANGIATO

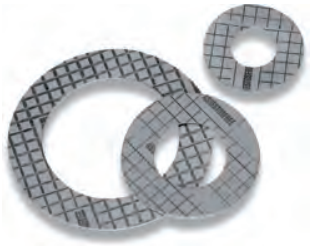
- ADAPTOR FLANGE
- ÜBERGANGSFLANSCH
- BRIDE DE RACCORDEMENT
- BRIDA ADAPTADOR

MATERIAL: CuNi10Fe1.6Mn
O-RING: FKM verde - green - Grün vert - verde

PN 16

CODE	De mm	DN flg	H mm	Z mm	B mm	D mm	D2 mm	Holes Nr.	K mm	g			€
693015000CN	15	15	55	35	14	95	14	4	65	735	2	20	196,88
693018000CN	18	15	55,5	35,5	14	95	14	4	65	735	2	20	208,66
693022000CN	22	20	58,5	37,5	16	105	14	4	75	1051	2	14	237,50
693028000CN	28	25	61,5	38,5	16	115	14	4	85	1267	2	10	291,95
693035000CN	35	32	65,5	39,5	16	140	18	4	100	1828	2	6	349,70
693042000CN	42	40	69	39	16	150	18	4	110	2007	2	6	367,46
693054000CN	54	50	78	42	18	165	18	4	125	2734	2	4	585,08
693076000CN	76,1	65	105	50	18	185	18	4	145	3538	2	2	904,43
693088000CN	88,9	80	116	56	20	200	18	8	160	4382	2	2	1125,83
693108000CN	108	100	132	57	20	220	18	8	180	5230	2	2	1342,44





R 30 30

434/PN6

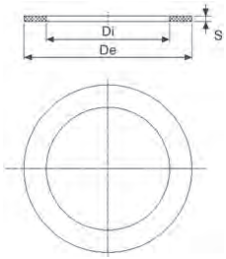
GUARNIZIONE ECOLOGICA PER FLANGE

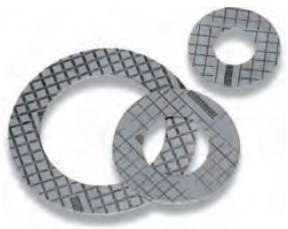
- GASKET FOR FLANGE
- FLANSCHDICHTUNG
- JOINT POUR BRIDE
- JUNTA ECOLÓGICA PARA BRIDA

MATERIAL: Sesalit Eco
NORM: EN 1092-1

PN 6

CODE	DN	De mm	Di mm	S mm	g		€
434015006	15 - (1/2")	44	20	2	4	10	**0,82**
434020006	20 - (3/4")	54	25	2	6	10	**1,20**
434025006	25 - (1")	64	30	2	9	10	**1,67**
434032006	32 - (1"1/4)	75	38	2	11	10	**2,24**
434040006	40 - (1"1/2)	85	45	2	14	10	**2,92**
434050006	50 - (2")	95	57	2	15	10	**4,45**
434065006	65 - (2"1/2)	115	76	2	19	10	**6,12**
434080006	80 - (3")	132	89	2	26	10	**7,26**
434100006	100 - (4")	152	108	2	29	10	**8,59**





R 30 30

434/PN10-16

GUARNIZIONE ECOLOGICA PER FLANGE

- GASKET FOR FLANGE
- FLANSCHDICHTUNG
- JOINT POUR BRIDE
- JUNTA ECOLÓGICA PARA BRIDA

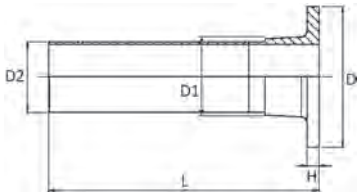
MATERIAL: Sesalit Eco
NORM: EN 1092-1

PN 10/16

CODE	DN	De mm	Di mm	S mm	g		€
434015000	15 - (1/2")	50	20	2	6	10	**0,82**
434020000	20 - (3/4")	60	25	2	8	10	**1,18**
434025000	25 - (1")	70	30	2	10	10	**1,66**
434032000	32 - (1"1/4)	82	38	2	14	10	**2,24**
434040000	40 - (1"1/2)	92	45	2	17	10	**2,92**
434050000	50 - (2")	108	57	2	22	10	**4,40**
434065000	65 - (2"1/2)	127	76	2	27	10	**6,08**
434080000	80 - (3")	142	89	2	30	10	**7,19**
434100000	100 - (4")	162	108	2	38	10	**8,25**

Sesalit ECO: fibre organiche e sintetiche legate con gomma NBR/SBR esente amianto
IMPIEGHI: Acqua calda e fredda, olii vegetali ed animali, aria, alcuni carburanti (no GAS)
LIMITI DI TEMPERATURA ORIENTATIVI
Temperatura massima per brevi esposizioni: 180°-200° C
Temperatura massima di esercizio continuo per fluidi non aggressivi: 140° C
Temperatura massima di esercizio continuo con vapore: 110° C
Temperatura minima di esercizio -40°C
OMOLOGAZIONI: acqua potabile WRAS n° 240155028

Sesalit ECO: organic and synthetic fibers bonded with NBR/SBR asbestos-free
USES: hot and cold water, vegetable and animal oils, air, some fuels (no GAS)
GUIDELINE TEMPERATURE LIMITS
Maximum temperature for short exposure: 180°-200° C
Maximum operating temperature for continuous non-aggressive fluids: 140° C
Maximum temperature for continuous operation with steam: 110° C
Minimum operating temperature -40°C
APPROVAL: potable water WRAS n° 240155028





693/004 CN

≤54 B 80 81
76÷108 B 80 82

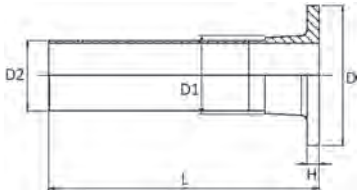
BOCCHELLO PER FLANGE LIBERE

- COLLAR FOR LOOSE FLANGES
- AUSSEN FÜR LOSE-FLANSCH
- SORTIE A BRIDE POUR BRIDE TOURNANTE
- TRONCO EMBRIDADO PARA BRIDA LOCA

MATERIAL: CuNi10Fe1.6Mn

PN 6

CODE	De mm	L mm	D mm	D1 mm	D2 mm	H mm	g			€
693022004CN	22	135	50	27	22	5	160	1	14	**99,52**
693028004CN	28	135	60	32	28	5	260	1	14	**116,32**
693035004CN	35	135	70	40	35	5	340	1	14	**145,10**
693042004CN	42	135	80	46	42	6	450	1	14	**171,23**
693054004CN	54	135	90	59	54	6	560	1	14	**292,95**
693076004CN	76,1	135	110	78	76,1	6	850	1	12	**405,45**
693088004CN	88,9	135	128	91	88,9	7	1200	1	6	**564,42**
693108004CN	108	135	148	110	108	7	1540	1	2	**707,56**





693/003 CN

≤54 B 80 81
76÷108 B 80 82

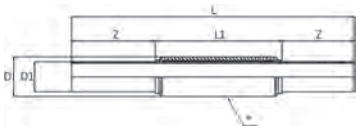
BOCCHELLO PER FLANGE LIBERE

- COLLAR FOR LOOSE FLANGES
- AUSSEN FÜR LOSE-FLANSCH
- SORTIE A BRIDE POUR BRIDE TOURNANTE
- TRONCO EMBRIDADO PARA BRIDA LOCA

MATERIAL: CuNi10Fe1.6Mn

PN 16

CODE	De mm	L mm	D mm	D1 mm	D2 mm	H mm	g			€
693022003CN	22	135	58	27	22	5	190	1	14	**117,45**
693028003CN	28	135	68	32	28	5	300	1	14	**136,81**
693035003CN	35	135	78	40	35	5	380	1	14	**175,12**
693042003CN	42	135	88	46	42	6	510	1	14	**215,71**
693054003CN	54	135	102	59	54	6	650	1	14	**296,32**
693076003CN	76,1	135	122	78	76,1	6	970	1	4	**495,91**
693088003CN	88,9	135	138	91	88,9	7	1240	1	4	**623,45**
693108003CN	108	135	158	110	108	7	1690	1	2	**795,98**





679/001 CN

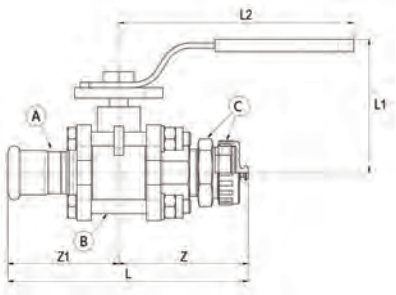
≤54 B 80 81
76÷108 B 80 82

PASSAGGIO STAGNO

- DECK / BULKHEAD PENETRATION
- WANDDURCHFÜHRUNG
- PASSAGE ÉTANCHE
- PASAJE ESTAÑO

MATERIAL: CuNi10Fe1.6Mn
NOTE: (*): S235JR (Fe 360)

CODE	De mm	L mm	L1 mm	Z mm	D mm	D1 mm	g			€
679015001CN	15	450	120	165	25	15	513	1	65	**71,61**
679018001CN	18	450	120	165	30	18	693	1	65	**72,00**
679022001CN	22	450	120	165	33	22	782	1	50	**77,13**
679028001CN	28	450	120	165	37	28	865	1	45	**82,98**
679035001CN	35	450	120	165	43,5	35	1044	1	40	**100,91**
679042001CN	42	450	120	165	53	42	1440	1	32	**120,79**
679054001CN	54	450	120	165	69	54	2192	1	18	**238,96**
679076001CN	76,1	450	120	165	88,5	76,1	3167	1	8	**271,24**
679088001CN	88,9	450	120	165	107	88,9	4551	1	8	**318,84**
679108001CN	108	450	120	165	131,5	108	6337	1	6	**393,27**





B 80 81

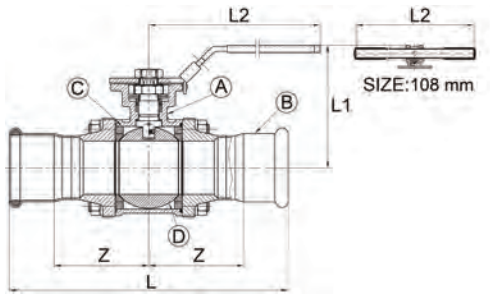
695/008 CN

VALVOLA A SFERA CON PRESA MANICHETTA

- BALL VALVE WITH HOSE CONNECTION
- KUGELHAHN MIT SCHLAUCHANSCHLUSS
- BOISSEAU SPHERIQUE AVEC RACCORD DETUYAU
- VÁLVULA DE BOLA CON CONEXIÓN DELA MANGUERA

MATERIAL: A: CuNi10Fe1.6Mn
B: AISI 316L – 1.4404
C: ottone - brass - Messing - laiton - latón
O-RING: FKM verde - green - Grün vert - verde

CODE	De mm	L mm	L1 mm	L2 mm	Z mm	Z1 mm	g			€
695022008CN	22 x 1"	136,5	80	151	73	63,5	1332	1	10	**572,74**





695/003 CN

≤54 B 80 81
76÷108 B 80 82

VALVOLA A SFERA 3 PZ PASSAGGIO TOTALE LUCCHETTABILE

- 3-PC BALL VALVE WITH FULL PORT
- KUGELHAHN 3-TEILIG MIT VOLLEM DURCHGANG
- BOISSEAU SPHERIQUE 3 PCS PASSAGE INTÉGRAL
- VÁLVULA DE BOLA TRES PIEZAS POSO TOTAL

MATERIAL: A-D: AISI 316L/1.4404
B: CuNi10Fe1.6Mn C: PTFE

O-RING: FKM verde - green - Grün vert - verde

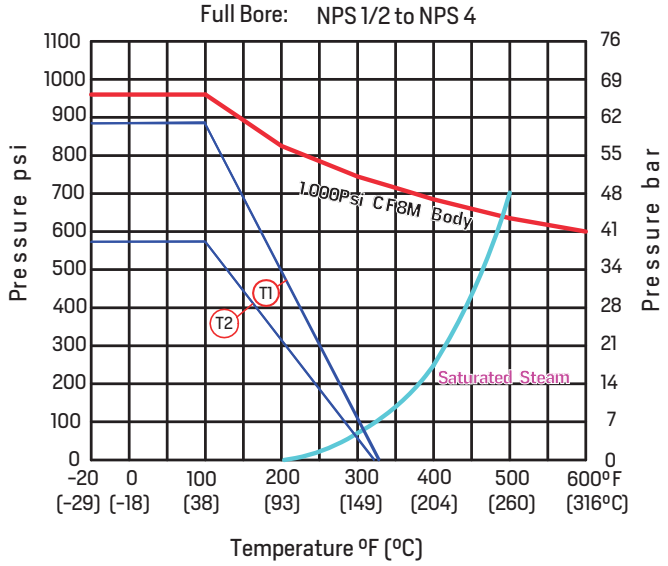
NORM: flangia attuatore / flange for actuator Flansch für Stellantrieb / bride pour actuateur / brida actuador ISO 5211

CODE	De mm	DN	DN inch	L mm	Z mm	L1 mm	L2 mm	g			€
695015003CN	15	10	3/8"	122	41	72	151	726	1	10	**346,40**
695018003CN	18	15	1/2"	123	41,5	72	151	750	1	10	**390,50**
695022003CN	22	20	3/4"	127	42,5	80	151	1024	1	10	**483,77**
695028003CN	28	25	1"	145	49,5	90	179	1550	1	5	**590,56**
695035003CN	35	32	1" 1/4	170	59	95	179	2395	1	5	**856,82**
695042003CN	42	40	1" 1/2	197	68,5	104	198	3334	1	5	**1127,78**
695054003CN	54	50	2"	220	75	110	198	4694	1	2	**1531,87**
695076003CN	76,1	65	2" 1/2	308	99	150	270	9648	1	1	**2731,74**
695088003CN	88,9	80	3"	362	121	159	270	13242	1	1	**4204,84**
695108003CN*	108	100	4"	422	136	210	405	26250	1	1	**6739,40**

(*) DN 108 con tubo maniglia, with pipe handle, mit Rohrgriff, avec tube-poignée, con mango de tubo
Le condizioni stampigliate sono relative al corpo della valvola. La pressione massima di lavoro delle valvole art. 695/003 CN= 16 bar
The marked pressure's conditions are related to the body of the valve. Maximum working pressure for pressfitting valve art. 695/003 CN= 16 bar
Die markierte Konditionen der Pressfitting entsprechend den Kugelhahnkoerper. Maximaler Arbeitsbetriebsdruck für Kugelhahn 695/003 CN= 16 bar
Les conditions de pressions indiquées sur la presse vannes correspondent au corps de vanne. Pression de service maximale vannes 695/003 CN= 16 bar
Condiciones de presión marcadas están relacionadas con el cuerpo de la válvula. La presión máxima de trabajo de las válvulas art. 695/003 CN= 16 bar

CORPO VALVOLA / VALVE BODY

Pressure - Temperature Data
FLOATING BALL VALVES 1000 psi



Seat Materials :
(T1) PTFE DN 15 - 32
(T2) PTFE DN 40 - 100

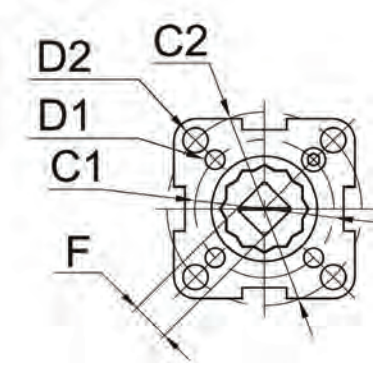
CV	KV
US gallon/min	m³ / h
N/A	N/A
18	15
36	31
48	41
93	80
165	141
207	177
450	386
780	668
1360	1165

1 Kv = 0,86 Cv

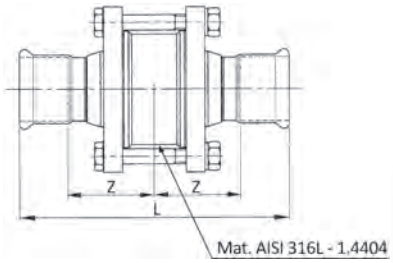
695/003 CN – Valvola a sfera 3 pz passaggio totale lucchettabile – 3 PC ball valve with full port Kugelhahn 3-Teilig mit vollem Durchgang – Boisseau spherique 3 pcs passage intégral – Válvula de bola tres piezas paso total

Dimensioni della flangia per attuatore / Flange for actuator dimensions / Abmessungen der Flansch für Stellantrieb / Dimensions de la bride pour actuateur Dimensiones de la brida del actuador.

De mm	DN inch	Flange type	C1 mm	C2 mm	D1 mm	D2 mm	F mm
15	3/8"	F03-F04	36	42	6	6	9
18	1/2"	F03-F04	36	42	6	6	9
22	3/4"	F03-F05	36	50	6	7	9
28	1"	F04-F05	42	50	6	7	11
35	1"1/4	F04-F07	42	70	6	9	11
42	1"1/2	F05-F07	50	70	7	9	14
54	2"	F05-F07	50	70	7	9	14
76,1	2"1/2	F07-F10	70	102	9	11	17
88,9	3"	F07-F10	70	102	9	11	17
108	4"	F10	-	102	-	11	22



ISO 5211





695/004 CN

≤54 B 80 81
76÷108 B 80 82

VALVOLA DI RITEGNO

- NON-RETURN VALVE
- RÜCKSCHLAGVENTIL
- CLAPET ANTI-RETOUR
- VÁLVULA DE RETENCIÓN

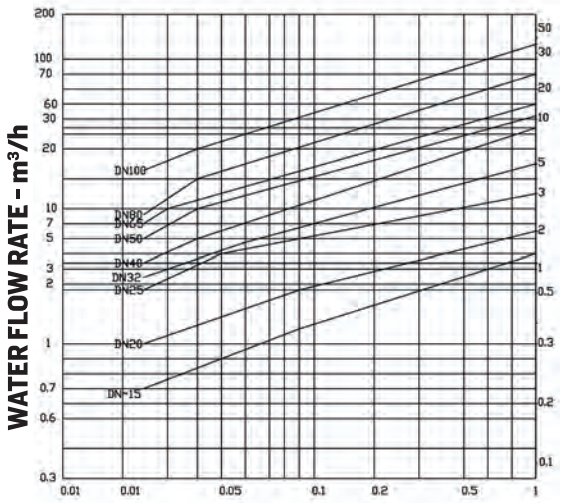
MATERIAL: CuNi10Fe1.6Mn (corpo/body AISI 316L - 1.4404)
O-RING: FKM verde - green - Grün vert - verde

CODE	De mm	DN	L mm	Z mm	g			€
695015004CN	15	15	113	36,5	443	1	10	**580,58**
695018004CN	18	15	113	37	554	1	10	**638,64**
695022004CN	22	20	121	39,5	614	1	10	**668,91**
695028004CN	28	25	138	46	828	1	10	**854,19**
695035004CN	35	32	158	53	1324	1	10	**1180,68**
695042004CN	42	40	180	60	1832	1	6	**1329,39**
695054004CN	54	50	199	64,5	2676	1	2	**2463,33**
695076004CN	76,1	65	269	79,5	5442	1	1	**3593,66**
695088004CN	88,9	80	303	91,5	8466	1	1	**3946,55**
695108004CN	108	100	370	110	14640	1	1	**4868,42**

Le condizioni stampigliate sono relative al corpo della valvola. La pressione massima di lavoro delle valvole art. 695/004 CN = 16 bar
The marked pressure's conditions are related to the body of the valve. Maximum working pressure for pressfitting valve art. 695/004 CN = 16 bar
Die markierte Konditionen der Pressfitting entsprechend den Kugelhahnkoerper. Maximaler Arbeitsbetriebsdruck für Kugelhahn 695/004 CN = 16 bar
Les conditions de pressions indiquées sur la presse vannes correspondent au corps de vanne. Pression de service maximale vannes 695/004 CN = 16 bar
Condiciones de presión marcadas están relacionadas con el cuerpo de la válvula. La presión máxima de trabajo de las válvulas art. 695/004 CN = 16 bar

CORPO VALVOLA / VALVE BODY

DIAGRAMMA PERDITA DI CARICO
PRESSURE LOSS DIAGRAM



DN15-DN100 PRESSURE LOSS - bar

CV / KV PER VALVOLA DI RITEGNO CV / KV FOR NON-RETURN VALVE				DIREZIONE DI FLUSSO FLOW DIRECTION		
DE	DN DN inch	CV US gallon/min	KV m³/h	↑	↓	→
				Pressione di apertura Opening pressure (mbar)		
15	15 - ½"	4,1	3,5	25	21	23
18	15 - ½"	4,1	3,5	25	21	23
22	20 - ¾"	5,1	4,4	25	21	23
28	25 - 1"	14	12	25	21	23
35	32 - 1"1/4	23,3	20	27	21	24
42	40 - 1"1/2	30,3	26	29	21	25
54	50 - 2"	37,3	32	29	21	25
76,1	65 - 2"1/2	70	60	31	21	25
88,9	80 - 3"	81,7	70	32	21	26
108	100 - 4"	140	120	33	21	27

NOTE

Cv = flusso di acqua (a 60°F) in gpm (galloni al minuto) con una pressione differenziale (caduta di pressione) di 1 psi.
Kv = flusso di acqua (tra 5° e 40°) m³/h, con una pressione differenziale (caduta di pressione) di 1 bar.
(1 Kv = 0,86 Cv)



B 50 51

Klauke MAP219 BT MINI (ø 12÷35 mm)

PRESSATRICE CON BATTERIA, CARICA BATTERIA E VALIGIA

- PRESSING MACHINE WITH BATTERY, CHARGER AND CASE
- AKKU- PRESSGERÄT MIT SCHNELLLADEGERAT UND KOFFER
- SERTISSEUSE A BATTERIE AVEC CHARGEUR ET COFFRET
- AKKU-MÁQUINA CON CARGADOR RÁPIDO Y CAJA

NOTE: New model (Bluetooth technology)

CODE	Voltage	Plug	Battery	kg		€
196001018	(*) 220-240 V 50-60 Hz	(*) Europe (CEE 7/16 charge battery)	N° 1 (18V / 1,5Ah)	6,12	1	**4894,53**



B 50 51

Klauke UAP332 BT (ø 12÷54 mm) i-press

PRESSATRICE CON BATTERIA, CARICA BATTERIA E VALIGIA

- PRESSING MACHINE WITH BATTERY, CHARGER AND CASE
- AKKU- PRESSGERÄT MIT SCHNELLLADEGERAT UND KOFFER
- SERTISSEUSE A BATTERIE AVEC CHARGEUR ET COFFRET
- AKKU-MÁQUINA CON CARGADOR RÁPIDO Y CAJA

NOTE: New model (Bluetooth technology)

CODE	Voltage	Plug	Battery	kg		€
196001019	(*) 220-240 V 50-60 Hz	(*) Europe (CEE 7/16 charge battery)	N° 2 (18V / 4,0Ah)	8,86	1	**5841,73**



B 50 51

Klauke UAP432 BT (ø 12÷54 mm PN16 ø 76÷108 mm PN10) i-press

PRESSATRICE CON BATTERIA, CARICA BATTERIA E VALIGIA

- PRESSING MACHINE WITH BATTERY, CHARGER AND CASE
- AKKU- PRESSGERÄT MIT SCHNELLLADEGERAT UND KOFFER
- SERTISSEUSE A BATTERIE AVEC CHARGEUR ET COFFRET
- AKKU-MÁQUINA CON CARGADOR RÁPIDO Y CAJA

NOTE: New model (Bluetooth technology)

CODE	Voltage	Plug	Battery	kg		€
196001020	(*) 220-240 V 50-60 Hz	(*) Europe (CEE 7/16 charge battery) (CEE 7/17 main adapter)	Nº 2 (18V / 4,0Ah)	11,04	1	**8227,89**



B 50 51

Klauke UAP100120 BT (ø 76÷108 mm King size) i-press

PRESSATRICE CON BATTERIA, CARICA BATTERIA E VALIGIA

- PRESSING MACHINE WITH BATTERY, CHARGER AND CASE
- AKKU- PRESSGERÄT MIT SCHNELLLADEGERAT UND KOFFER
- SERTISSEUSE A BATTERIE AVEC CHARGEUR ET COFFRET
- AKKU-MÁQUINA CON CARGADOR RÁPIDO Y CAJA

NOTE: New model (Bluetooth technology)

CODE	Voltage	Plug	Battery	kg		€
196001021	(*) 220-240 V 50-60 Hz	(*) Europe (CEE 7/16 charge battery) (CEE 7/17 main adapter)	Nº 2 (18V / 4,0Ah)	23,6	1	**14652,14**
196001009V **	-	-	-	10	1	**651,23**

(**) Valigia vuota - Empty case - Leer Koffer - Coffret vide - Caja vacía



B 50 51

Klauke EHP2/SANB (ø 76÷108 mm King size)

GRUPPO POMPA IDRAULICA ELETTRICO

- ELECTRIC HYDRAULIC PUMP
- ELEKTRISCHEBETRIEBENES ANTRIEBSAGGREGAT
- GROUPE HYDRAULIQUE MOBILE POUR SERTIR
- UNIDAD DE ACCIONAMIENTO ELÉCTRICO

NOTE: Tensione/voltage 220-240 V / 50-60 Hz

CODE	Voltage	Plug	kg		€
196000000I	220-240 V / 50-60 Hz	CEE industrial 2P+G	69	1	**25052,59**

B 50 51



Klauke AHP700LS

GRUPPO POMPA IDRAULICA A BATTERIA

- BATTERY HYDRAULIC PUMP
- AKKUBETRIEBENES ANTRIEBSAGGREGAT
- GROUPE HYDRAULIQUE MOBILE POUR SERTIR
- UNIDAD DE ACCIONAMIENTO A PILAS

CODE	Voltage	Plug	Battery	kg		€
196001012	220-240 V 50-60 Hz	Europe (CEE 7/16 charge battery)	N° 2 (18V / 4,0Ah)	9,8	1	**10714,15**

B 50 51



Klauke PKUAP3 (ø 12÷54 mm) per/for AHP700LS

TESTA DI PRESSATRICE

- PRESSING HEAD
- PRESSKÖPFE
- TÊTE DE SERTISSEUSE
- CABEZA DE AKKU-MÁQUINA

CODE	kg		€
196001013	2,5	1	**2118,33**

B 50 51



Klauke PKUAP4 (ø 12÷54 mm PN16) (ø 76,1÷108 mm PN10) per/for AHP700LS

TESTA DI PRESSATRICE

- PRESSING HEAD
- PRESSKÖPFE
- TÊTE DE SERTISSEUSE
- CABEZA DE AKKU-MÁQUINA

CODE	kg		€
196001017	3,07	1	**3797,31**

B 50 51



Klauke PK100AHP (ø 76÷108 mm King size) per/for AHP700LS

TESTA DI PRESSATRICE

- PRESSING HEAD
- PRESSKÖPFE
- TÊTE DE SERTISSEUSE
- CABEZA DE AKKU-MÁQUINA

CODE	kg		€
196001014	10,4	1	**9098,36**

B 50 51



Klauke AHP700LS

TUBO FLESSIBILE ALTA PRESSIONE L=4 M

- HIGH PRESSURE HOSE L=4 M
- HOCHDRUCKSCHLAUCH L=4 M
- TUYAU À HAUTE PRESSION L=4 M
- MANGUERA DE ALTA PRESIÓN L=4 M

CODE	kg		€
196001015	2,3	1	1334,17

B 50 51



Klauke HPU2EX (ø 12÷54 mm)

PRESSATRICE MANUALE

- MANUAL HYDRAULIC PRESSING
- MANUELLES HYDRAULISCHES PRESSWERKZEUG
- SERTISSEUSE MANUELLE
- MÁQUINA MANUAL

CODE	kg		€
196001016	3,1	1	3205,01

B 50 51



TOOL M

Klauke MAP219

GANASCIA PER PRESSATRICE

- JAW
- PRESSBACKE
- MACHOIRE
- MORDAZA PINZA

CODE	De mm	kg		€
196012002	12	1,3	1	435,23
196015002	15	1,3	1	435,23
196018002	18	1,3	1	435,23
196022002	22	1,4	1	463,11
196028002	28	1,4	1	463,11
196035002	35	1,6	1	463,11

B 50 51



TOOL M

Klauke UNP2 - UAP2 - UAP3L/432 UAP4L/432 - PKUAP3L

GANASCIA PER PRESSATRICE

- JAW
- PRESSBACKE
- MACHOIRE
- MORDAZA PINZA

CODE	De mm	kg		€
196012000	12	1,9	1	375,93
196015000	15	1,9	1	375,93
196018000	18	1,9	1	375,93
196022000	22	2	1	375,93
196028000	28	2,1	1	403,82
196035000	35	2,1	1	465,51

B 50 51



Klauke UNP2 - UAP2 UAP3L/332 - UAP4L/432

VALIGIA PER GANASCE Ø 15÷35

- CASE FOR JAWS Ø 15÷35
- LEER KOFFER FÜR PRESSBACKEN Ø 15÷35
- COFFRET POUR MACHOIRES Ø 15÷35
- CAJA PARA MORZADAS Ø 15÷35

TOOL M

CODE	De mm	kg		€
196015035K	15 - 35	13,2	1	2307,44
196015035KV*	15 - 35	6,29	1	385,08

(*) Valigia vuota - Empty case - Leer Koffer - Coffret vide - Caja vacía

B 50 51



Klauke UNP2 - UAP2 - UAP3L/332 UAP4L/432 - PKUAP3

CATENA PER PRESSATRICE

- PRESSING COLLAR
- PRESSSCHLINGE
- CHAÎNE
- MORDAZA CADENA

TOOL M

CODE	De mm	kg		€
196042004	42	1,9	1	2317,50
196054004	54	1,75	1	2317,50

B 50 51



Klauke ø 42÷54 mm

ADATTATORE PER CATENE

- ADAPTER FOR COLLARS
- ZWISCHENBACKE FÜR PRESSSCHLINGEN
- ADAPTEUR POUR MACHOIRES
- ADAPTADOR PARA MORDAZAS

CODE	De mm	kg		€
196042054	42 - 54	1,7	1	503,23

B 50 51



Klauke UAP4L/432 (PN10)

CATENA PER PRESSATRICE

- PRESSING COLLAR
- PRESSSCHLINGE
- CHAÎNE
- MORDAZA CADENA

TOOL M

CODE	De mm	kg		€
196076001	76,1	9,9	1	3849,54
196088001	88,9	9,7	1	3976,43
196108001	108	10,4	1	4745,94

B 50 51



Klauke UAP4L/432 ø 76÷108 mm (PN10)

ADATTATORE PER CATENE

- ADAPTER FOR COLLARS
- ZWISCHENBACKE FÜR PRESSSCHLINGEN
- ADAPTEUR POUR MACHOIRES
- ADAPTADOR PARA MORDAZAS

CODE	De mm	kg		€
196076108	76,1 - 108	4,4	1	**1772,30**

B 50 51



TOOL M

Klauke UAP100 - UAP100L/100120 PK100AHP (ø 76÷108 King size)

ADATTATORE PER CATENE

- ADAPTER FOR COLLARS
- ZWISCHENBACKE FÜR PRESSSCHLINGEN
- ADAPTEUR POUR MACHOIRES
- ADAPTADOR PARA MORDAZAS

CODE	De mm	kg		€
196076000	76,1	13	1	**4960,95**
196088000	88,9	13	1	**5088,27**
196108000	108	15	1	**6104,72**

B 50 51



TOOL M

Klauke UNP2 - UAP3L/332 UAP4L/432 (ø 42÷54 mm)

VALIGIA PER CATENE Ø 42÷54 + ADATTATORE

- CASE FOR PRESSING COLLARS Ø 42÷54 + ADAPTER
- LEER KOFFER FÜR PRESS SCHLINGEN Ø 42÷54 + ZWISCHENBACKE
- COFFRET POUR CHAÎNES Ø 42÷54 + ADAPTEUR
- CAJA PARA CADENA Ø 42÷54 + ADAPTADOR

CODE	De mm	kg		€
196042054KF	42 - 54	10,9	1	**5130,01**
196042054K*	42 - 54	3,9	1	**370,01**

(*) Valigia vuota - Empty case - Leer Koffer - Coffret vide - Caja vacía

B 50 51



RA5 (12 V / 3,0 Ah)
Klauke UAP2 - UAP100

BATTERIA
- BATTERY
- AKKU
- BATTERIE
- ACCUMULADOR

CODE	kg		€
196002000	0,7	1	547,04

B 50 51



NG2 (18 V)
Klauke UAP3L/332 - UAP4L/432 - UAP100L/100120

CAVO ELETTRICO CON ADATTATORE UNIVERSALE
- MAIN SUPPLY CIRCUIT
- SCHALTNETZTEIL
- BLOC D'ALIMENTATION
- ALIMENTADOR A LA RED

CODE	Voltage	Plug	kg		€
196004001	220-240 V / 50-60 Hz	Europe (CEE 7/17)	0,9	1	1102,03

B 50 51



Klauke MAP2L/219 - UAP3L/332
UAP4L/432 - UAP100L/100120

BATTERIA
- BATTERY
- AKKU
- BATTERIE
- ACCUMULADOR

CODE	Version	kg		€
196002001	RAL2 (18 V / 3,0 Ah)	0,7	1	899,12
196002011	RAL40 (18 V / 4,0 Ah)	0,7	1	1053,03

B 50 51



LGL1
Klauke UAP3L/332 - UAP4L/432 - UAP100L/100120

CARICABATTERIA
- FAST CHARGER
- SCHNELLLADEGERÄT
- CHARGEUR
- CARGADOR RÁPIDO

CODE	Voltage	Plug	kg		€
196003001	220-240 V / 50-60 Hz	Europe (CEE 7/16)	1,3	1	634,55

B 50 51



Novopress ECO 203 (ø 12÷54 mm)

PRESSATRICE ELETTROIDRAULICA CON VALIGIA

- ELECTROHYDRAULIC PRESSING MACHINE WITH CASE
- ELEKTROHYDRAULISCHES PRESSGERÄT MIT KOFFER
- SERTISSEUSE ELECTROHYDRAULIQUE AVEC COFFRET
- MÁQUINA ELECTROHIDRÁULICA CON CAJA

CODE	Voltage	Plug	kg		€
196000013	220-240 V / 50-60 Hz	Europe (CEE 7/17)	7,9	1	3671,41
196000015	110-120 V / 50-60 Hz	Great Britain (BS 1363)	7,9	1	3671,41

B 50 51



Novopress ACO 203 BT (ø 12÷54 mm)

PRESSATRICE CON BATTERIA, CARICA BATTERIA E VALIGIA

- PRESSING MACHINE WITH BATTERY, CHARGER AND CASE
- AKKU- PRESSGERÄT MIT SCHNELLLADEGERAT UND KOFFER
- SERTISSEUSE A BATTERIE AVEC CHARGEUR ET COFFRET
- AKKU-MÁQUINA CON CARGADOR RÁPIDO Y CAJA

NOTE: New model (Bluetooth technology)

CODE	Voltage	Plug	Battery	kg		€
196000021	(*) 220-240 V / 50-60 Hz	(*) Europe (CEE 7/16)	Nº 1 (18V / 2,0Ah)	8,0	1	4293,31
196000025	(*) 110-120 V / 50-60 Hz	(*) USA / Canada (NEMA 1-15)	Nº 1 (18V / 2,0Ah)	8,1	1	4293,31

B 50 51



Novopress ACO 203 XL BT (ø 12÷54 mm PN16 / ø 76÷108 mm PN10)

PRESSATRICE CON 2 BATTERIE, CARICA BATTERIA E VALIGIA

- PRESSING MACHINE WITH 2 BATTERIES, CHARGER AND CASE
- AKKU- PRESSGERÄT MIT SCHNELLLADEGERAT UND KOFFER
- SERTISSEUSE A BATTERIE (2) AVEC CHARGEUR ET COFFRET
- AKKU-MÁQUINA CON CARGADOR RÁPIDO Y CAJA

NOTE: New model (Bluetooth technology)

CODE	Voltage	Plug	Battery	kg		€
196000024	(*) 220-240 V / 50-60 Hz	(*) Europe (CEE 7/16)	Nº 2 (18V / 5,0Ah)	10	1	6154,90

B 50 51



Novopress ACO 403 BT (ø 76÷168 mm)

PRESSATRICE CON 2 BATTERIE, CARICA BATTERIA E VALIGIA

- PRESSING MACHINE WITH 2 BATTERIES, CHARGER AND CASE
- AKKU- PRESSGERÄT MIT SCHNELLLADEGERAT UND KOFFER
- SERTISSEUSE A BATTERIE (2) AVEC CHARGEUR ET COFFRET
- AKKU-MÁQUINA CON CARGADOR RÁPIDO Y CAJA

NOTE: New model (Bluetooth technology)

CODE	Voltage	Plug	Battery	kg		€
196000023	(*) 220-240 V / 50-60 Hz	(*) Europe (CEE 7/16)	Nº 2 (18V / 5,0Ah)	20,4	1	11994,09

B 50 51



Novopress EFP 2 - EFP/AFP 201 - EFP/AFP 202 ECO/ACO 202 - ECO/ACO 203 - ACO 203XL

TOOL M

GANASCIA PER PRESSATRICE

- JAW
- PRESSBACKE
- MACHOIRE
- MORDAZA PINZA

CODE	De mm	kg		€
19601200N	12	1,9	1	**531,11**
19601500N	15	1,9	1	**531,11**
19601800N	18	1,9	1	**531,11**
19602200N	22	2	1	**531,11**
19602800N	28	2	1	**531,11**
19603500N	35	2	1	**531,11**

B 50 51



Novopress EFP 2 - EFP/AFP 201 - EFP/AFP 202 ECO/ACO 202 - ECO/ACO 203 - ACO 203XL

TOOL M

VALIGIA PER GANASCE Ø 15÷35

- CASE FOR JAWS Ø 15÷35
- LEER KOFFER FÜR PRESSBACKEN Ø 15÷35
- COFFRET POUR MACHOIRES Ø 15÷35
- CAJA PARA MORZADAS Ø 15÷35

CODE	De mm	kg		€
196015035N	15 - 35	12,6	1	**2836,93**
196015035NV*	15 - 35	2,8	1	**337,46**

(*) Valigia vuota - Empty case - Leer Koffer - Coffret vide - Caja vacía

B 50 51



Novopress EFP 2 - EFP/AFP 201 - EFP/AFP 202 ECO/ACO 202 - ECO/ACO 203 - ACO 203X

TOOL M

CATENA SNAP-ON

- PIVOTING RING
- SCHWENKBARE PRESSRINGE
- ANNEAUX DE SERTISSAGE
- ANILLO DE PRENSAR

CODE	De mm	kg		€
19601502N	15	0,501	1	**591,38**
19601802N	18	0,541	1	**591,38**
19602202N	22	0,601	1	**645,69**
19602802N	28	0,410	1	**645,69**
19603502N	35	0,510	1	**645,69**

B 50 51



Novopress EFP 2 - EFP/AFP 201 - EFP/AFP 202 ECO/ACO 202 - ECO/ACO 203 - ACO 203XL

CATENA SNAP-ON

- PIVOTING RING
- SCHWENKBARE PRESSRINGE
- ANNEAUX DE SERTISSAGE
- ANILLO DE PRENSAR

CODE	De mm	kg		€
196153502N	15 - 35	1,94	1	730,17

B 50 51



TOOL M

Novopress EFP 2 - EFP/AFP 201-202 ECO/ACO 202-203 - ACO 203XL - ECO301

CATENA PER PRESSATRICE

- PRESSING COLLAR
- PRESSSCHLINGE
- CHAÎNE
- MORDAZA CADENA

CODE	De mm	kg		€
19604200N	42	1,6	1	2862,45
19605400N	54	2,6	1	2969,16

B 50 51



Novopress EFP 2 - EFP/AFP 201 - EFP/AFP 202 ECO/ACO 202 - ECO/ACO 203 - ACO 203XL

ADATTATORE PER CATENE ZB203

- ADAPTER FOR COLLARS ZB203
- ZWISCHENBACKE FÜR PRESSSCHLINGEN ZB203
- ADAPTEUR POUR MACHOIRES ZB203
- ADAPTADOR PARA MORDAZAS ZB203

CODE	De mm	kg		€
196042054N	42 - 54	2,3	1	564,97

B 50 51



TOOL M

Novopress EFP 2 - EFP/AFP 201 - EFP/AFP 202 ECO/ACO 202 - ECO/ACO 203 - ACO 203XL

VALIGIA PER CATENE Ø 42÷54 + ADATTATORE ZB203

- CASE FOR PRESSING COLLARS Ø 42÷54 + ADAPTER ZB203
- LEER KOFFER FÜR PRESS SCHLINGEN Ø 42÷54 + ZWISCHENBACKE ZB203
- COFFRET POUR CHAÎNES Ø 42÷54 + ADAPTEUR ZB203
- CAJA PARA CADENA Ø 42÷54 + ADAPTADOR ZB203

CODE	De mm	kg		€
196042054VN	42 - 54	8	1	6415,77
196042054V*	42 - 54	2,8	1	375,93

(*) Valigia vuota - Empty case - Leer Koffer - Coffret vide - Caja vacía

B 50 51



TOOL M

Novopress ACO 203 XL - ECO 301 (ø 76÷108 mm PN10)

CATENA PER PRESSATRICE

- PRESSING COLLAR
- PRESSSCHLINGE
- CHAÎNE
- MORDAZA CADENA

CODE	De mm	kg		€
196076003	76,1	4,4	1	3138,44
196088003	88,9	4,8	1	3138,44
196108003	108	6	1	3616,48

B 50 51



Adattatore ZB 221 per catene ø 76,1-88,9-108/1 ACO 203 XL (PN10)

ADATTATORE PER CATENE

- ADAPTER FOR COLLARS
- ZWISCHENBACKE FÜR PRESSSCHLINGEN
- ADAPTEUR POUR MACHOIRES
- ADAPTADOR PARA MORDAZAS

CODE	De mm	kg		€
196076108N*	76,1 - 88,9 - 108 (1º)	4,7	1	2092,11

(*) Per pressatura preliminare diametro 108 mm; il giunto DN 108 mm deve essere pressato una seconda volta con adattatore codice 196000108N.
Preliminary pressing for diameter 108 mm; DN 108 mm joint must be pressed a second time with adapter item 196000108N.

B 50 51



Adattatore ZB 222 per catena ø 108/2 ACO 203 XL (PN10)

ADATTATORE PER CATENE

- ADAPTER FOR COLLARS
- ZWISCHENBACKE FÜR PRESSSCHLINGEN
- ADAPTEUR POUR MACHOIRES
- ADAPTADOR PARA MORDAZAS

CODE	De mm	kg		€
196000108N	108 (2º)	5,2	1	2092,11

B 50 51



Novopress ACO 203 XL (PN10) Novopress ZB 221 / ZB 222 per catene ø 76-108

SET ADATTATORI ZB221/ZB222

- ADAPTERS SET ZB221/ZB222
- ADAPTER SET ZB221/ZB222
- SET DES ADAPTATEURS ZB221/ZB222
- SET DE ADAPTADORES ZB221/ZB222

CODE	kg		€
196000019	13	1	4343,00
196000000VN*	3,1	1	337,46

(*) Valigia vuota - Empty case - Leer Koffer - Coffret vide - Caja vacía

B 50 51



Novopress ACO 401/403 (ø 76÷108 King size)

CATENA PER PRESSATRICE

- PRESSING COLLAR
- PRESSSCHLINGE
- CHAÎNE
- MORDAZA CADENA

TOOL M

CODE	De mm	kg		€
196076002	76,1	6	1	3648,68
196088002	88,9	8	1	3733,93
196108002	108	9	1	5939,47
NEW 196076108NV*	76÷108	1,4	1	427,78

(*) Valigia vuota – Empty case – Leer Koffer – Coffret vide – Caja vacía

B 50 51



Novopress ACO 401/403 (ø 139÷168 Over size)

CATENA PER PRESSATRICE

- PRESSING COLLAR
- PRESSSCHLINGE
- CHAÎNE
- MORDAZA CADENA

TOOL M

CODE	De mm	kg		€
196139002	139,7	14,4	1	11221,32
196168002	168,3	19,7	1	12012,87
NEW 196139168NV*	139÷168	3	1	646,53

(*) Valigia vuota – Empty case – Leer Koffer – Coffret vide – Caja vacía

B 50 51

Novopress ACO 202/203 - ACO 401/403



CARICABATTERIA

- FAST CHARGER
- SCHNELLLADEGERÄT
- CHARGEUR
- CARGADOR RÁPIDO

CODE	Voltage	Plug	kg		€
19600300N	220-240 V / 50-60 Hz	Europe (CEE 7/16)	0,97	1	**568,31**

B 50 51

Novopress - Akku



BATTERIA

- BATTERY
- AKKU
- BATTERIE
- ACCUMULADOR

CODE	Version	kg		€
19600204N	18 V / 2,0 Ah Li • ACO 202/203/401/403	0,5	1	**632,23**
19600205N	18 V / 5,0 Ah Li • ACO 202/203/401/403	0,9	1	**1351,07**

B 50 51



116/1

TAGLIATUBI MANUALE

- PIPE CUTTER
- ROHRSCHNEIDER
- COUPE-TUBES
- CORTATUBO

CODE	De mm	kg		€
116000011	6 ÷ 60	0,350	1	**469,47**

B 50 51



116/2

ROTELLA TAGLIATUBI

- CUTTING WHEEL
- SCHNEIDRAD FÜR ROHRSCHNEIDER
- MOLETTE POUR COUPE-TUBES
- CUCHILLA

CODE	Version	De mm	g		€
116000012	For pipe cutter code / Per tagliatubi codice 116000011	6 ÷ 60	38	1	**105,40**

B 50 51



116/0 (ø 12÷54 mm)

SBAVATORE UNIVERSALE TUBI

- PIPE DEBURRER
- ENTGRATER
- EBAVUREUR DE TUBE
- DESBARBADOR

CODE	De mm	g		€
116000000	10 ÷ 54	612	1	**194,95**

B 50 51



116/3 (ø 76÷108 mm)

SBAVATORE UNIVERSALE TUBI

- PIPE DEBURRER
- ENTGRATER
- EBAVUREUR DE TUBE
- DESBARBADOR

CODE	De mm	g		€
116000003	63 ÷ 110	1942	1	**735,98**

B 50 51



116/18

TAGLIATUBI ELETTRICO - CENTO

- ELECTRIC PIPE CUTTER - CENTO
- ELEKTRISCH ROHRSCHNEIDER - CENTO
- ÉLECTRIQUE COUPE-TUBES - CENTO
- CORTATUBO ELÉCTRICO - CENTO

NOTE: Esclusa rotella - wheel excluded - Schneidrad separat molette exclue - cuchilla excluida

CODE	De mm	kg		€
116000018	12 ÷ 108	19,070	1	**4090,50**

B 50 51



116/28

TAGLIATUBI ELETTRICO - DUECENTO

- ELECTRIC PIPE CUTTER - DUECENTO
- ELEKTRISCH ROHRSCHNEIDER - DUECENTO
- ÉLECTRIQUE COUPE-TUBES - DUECENTO
- CORTATUBO ELÉCTRICO - DUECENTO

NOTE: Esclusa rotella - wheel excluded - Schneidrad separat molette exclue - cuchilla excluida

CODE	De mm	kg		€
116000028	tubo/pipe Ø 100 ÷ 225 mm Ø 40 ÷ 225 con accessorio code 116000078 Ø 40 ÷ 225 with accessory code 116000078	43,800	1	**8302,75**

B 50 51



116/78

INSERTO RULLI PER TUBI Ø 40-100 MM - DUECENTO

- ROLLER INSERT Ø 40-100 MM - DUECENTO
- LAUFROLLENEINSATZ Ø 40-100 MM - DUECENTO
- ROULEAU ROTATION INTERMÉDIAIRE Ø 40-100 MM - DUECENTO
- INSERTO DE RODILLOS Ø 40-100 MM - DUECENTO

CODE	De mm	kg		€
116000078	Ø 40 ÷ 100	2,070	1	**798,27**

B 50 51



116/38

ROTELLA PER TAGLIATUBO CENTO-DUECENTO

- CUTTING WHEEL PIPE CUTTER CENTO-DUECENTO
- SCHNEIDRAD ROHRSCHNEIDER CENTO-DUECENTO
- MOLETTE POUR COUPE-TUBES CENTO-DUECENTO
- CUCHILLA PARA CORTATUBO CENTO-DUECENTO

CODE	g		€
116000038	300	1	**359,80**

B 50 51



116/48

PIEDISTALLO TAGLIATUBI CENTO

- PEDESTAL FOR CENTO PIPE CUTTER
- SOCKEL FÜR CENTO ROHRSCHNEIDER
- PIÉDESTAL POUR COUPE-TUBES CENTO
- PEDESTAL PARA CORTATUBO CENTO

CODE	kg		€
116000048	9,550	1	**658,69**

B 50 51



116/58

CAVALLETTO PER TUBI Ø 8÷108 MM

- EASEL FOR PIPES Ø 8÷108 MM
- GESTELL FÜR ROHRS Ø 8÷108 MM
- CHEVALET POUR PIPE Ø 8÷108 MM
- CABALLETE DE TUBO Ø 8÷108 MM

CODE	kg		€
116000058	7,000	1	990,78

B 50 51



116/6 (ø 15÷54 mm)

SPELATUBI

- DISMANTLING TOOL
- ABMANTELGERÄT
- DÉNUDEUR
- PELADOR

CODE	De mm	g		€
116000006	15 - 22	236	1	186,84
116000016	18 - 28	320	1	186,84
116000026	35 - 42	703	1	209,00
116000036	54	477	1	292,74

B 50 51



116/7 (ø 76÷108 mm)

SPELATUBI

- DISMANTLING TOOL
- ABMANTELGERÄT
- DÉNUDEUR
- PELADOR

CODE	De mm	kg		€
116076007	76,1	1,040	1	296,28
116088007	88,9	1,218	1	319,17
116108007	108	1,668	1	416,48

B 50 51



274/0 (ø 15÷54 mm)

TOOL M

MARCATORE

- MARKER
- MARKIERLEHRE
- MARQUEUR
- MARCATUBO

CODE	De mm	g		€
274000000	15 ÷ 54	26	50	1,93

B 50 51



274/1 (ø 76÷108 mm)

TOOL M

MARCATORE

- MARKER
- MARKIERLEHRE
- MARQUEUR
- MARCATUBO

CODE	De mm	g			€
274000001	76,1 ÷ 108	190	1	20	26,46

B 50 51



274/LABEL Etichette

ETICHETTA FLUIDO PER TUBAZIONI

- PIPE FLUID LABEL
- AUFKLEBER UND SCHILDER FUER ROHRKENNZEICHNUNG
- ÉTIQUETTE DE FLUIDE DE CANALISATION
- ETIQUETA DE FLUIDO CONDUCIDO EN TUBERÍA

CODE	Description	Dimensions mm x mm	g		€
274000010	Acqua - Water	120 x 30	2	20	4,73
274000020	Gas - Gas	120 x 30	2	20	4,73
274000030	Aria compressa - Compressed air	120 x 30	2	20	4,73
274000040	Antincendio - Firefighting	120 x 30	2	20	4,73

B 50 52



O-Ring EPDM - M Profile

NERO

- BLACK
- SCHWARZ
- NOIR
- NEGRO

NOTE: Impieghi / Application field / Einsatzgebiete / Champs d'application / Aplicaciones:
Idrosanitaria / riscaldamento / raffrescamento
Sanitary / Heating / Cooling
Sanitär / Heizung / Kühlung
Sanitaire / Chauffage /Circuits réfrigérants
Agua sanitaria / Calefacción / Circuito de refrigeración

Material: EPDM
Profilo M - M profile - M Kontur - profil M - perfil M

CODE	De mm	g		€
11501525N	15	1	20	0,32
11501825N	18	1	20	0,37
11502230N	22	1	20	0,48
11502830N	28	2	20	0,53
11503530N	35	2	20	0,67
11504240N	42	5	20	0,86
11505440N	54	6	20	0,92
11507770NM	76,1	14	10	3,53
11509070NM	88,9	17	10	3,86
11510909NM	108	33	10	4,44
115139100N	139,7	43	1	8,32
115168100N	168,3	95	1	8,78

B 50 52



O-Ring HNBR - M profile

GIALLO

- YELLOW
- GELB
- JAUNE
- AMARILLO

NOTE: Impieghi / Application field / Einsatzgebiete / Champs d'application / Aplicaciones:
Gas / Gas / Gas / Gaz / Gas

Material: HNBR
Profilo M - M profile - M Kontur - profil M - perfil M

CODE	De mm	g		€
11501525GH	15	1	20	0,44
11501825GH	18	1	20	0,51
11502230GH	22	1	20	0,68
11502830GH	28	2	20	0,70
11503530GH	35	2	20	0,99
11504242GHM	42	5	20	1,70
11505440GH	54	6	20	1,82
11507670GM	76,1	14	10	7,85
11508870GM	88,9	17	10	10,52
11510809GM	108	33	10	14,73

B 50 52



O-Ring FKM - M Profile

VERDE

- GREEN
- GRÜN
- VERT
- VERDE

NOTE: Impieghi / Application field / Einsatzgebiete / Champs d'application / Aplicaciones:
Solare / Solar / Solar / Solaire / Solares
Olio / Pil / Öl / Huile / Aceite

Material: FKM
Profilo M - M profile - M Kontur - profil M - perfil M

CODE	De mm	g		€
11501525V	15	1	20	0,69
11501825V	18	1	20	0,69
11502230V	22	1	20	1,01
11502830V	28	2	20	1,12
11503530V	35	2	20	1,56
11504240V	42	5	20	2,26
11505440V	54	6	20	2,72
11507770VM	76,1	14	10	10,34
11509070VM	88,9	17	10	13,59
11510909VM	108	33	10	21,43
115139100V	139,7	43	1	25,66
115168100V	168,3	95	1	27,43

B 50 52



O-Ring MVQ - M Profile

ROSSO

- RED
- ROT
- ROUGE
- ROJO

NOTE: Impieghi / Application field / Einsatzgebiete / Champs d'application / Aplicaciones:
Applicazioni industriali - chiedere ad RM
Industrial applications - ask RM
Industrieanwendungen - fragen RM
Applications industrielles - demander RM
Aplicaciones industriales - preguntar RM

Material: MVQ
Profilo M - M profile - M Kontur - profil M - perfil M

CODE	De mm	g		€
11501525R	15	1	20	0,40
11501825R	18	1	20	0,48
11502230R	22	1	20	0,62
11502830R	28	2	20	0,64
11503530R	35	2	20	0,70
11504240R	42	5	20	0,93
11505440R	54	6	20	1,33
11507770R	76,1	14	10	7,43
11509070R	88,9	17	10	9,78
11510990R	108	33	10	11,32

B 50 52



115/EPDM

GUARNIZIONE EPDM

- EPDM GASKET
- DICHTUNG AUS EPDM
- JOINT EPDM
- JUNTA EN EPDM

NOTE: Impieghi / Application field / Einsatzgebiete / Champs d'application / Aplicaciones:
Idrosanitaria / riscaldamento / raffrescamento
Sanitary / Heating / Cooling
Sanitär / Heizung / Kühlung
Sanitaire / Chauffage /Circuits réfrigérants
Agua sanitaria / Calefacción / Circuito refrigeracion

CODE	De mm	D1 mm	D2 mm	S mm	g		€
115683102E	15 - 18	18	10	2,5	1	20	**2,27**
115683304E	15 - 18 - 22	24	14	2,5	1	20	**2,27**
115683100E	18 - 22 - 28	30	20	2,5	1	20	**2,27**
115683114E	28 - 35	39	27	2,5	2	20	**2,48**
115683112E	35 - 42	44,5	30	2,5	3	20	**2,67**
115183112E	35 - 42	44,5	34	2,5	3	20	**2,67**
115183051E	28	47,5	37	2,5	3	20	**2,67**
115183134E	42	50,5	40	2,5	3	20	**3,43**
115683134E	42	50,5	38	2,5	4	20	**3,43**
115183200E	42	56	42	2,5	4	20	**3,43**
115183540E	54	65,5	53,5	3	4	20	**4,37**
115183154E	54	65,5	45	3	4	20	**4,37**
115183242E	42	66	56	2,5	4	20	**4,37**
115183054E	54	71,5	53	3	5	20	**4,37**
115183254E	54	79,5	69	2,5	5	20	**4,37**

B 50 52



115/HNBR

GUARNIZIONE HNBR

- HNBR GASKET
- DICHTUNG AUS HNBR
- JOINT HNBR
- JUNTA EN HNBR

NOTE: Impieghi / Application field / Einsatzgebiete / Champs d'application / Aplicaciones:
Gas / Gas / Gas / Gaz / Gas

CODE	De mm	D1 mm	D2 mm	S mm	g		€
115683102H	15 - 18	18	10	2,5	1	20	**3,00**
115683304H	15 - 18	24	14	2,5	1	20	**3,07**
115683100H	22 - 28	30	20	2,5	1	20	**3,59**
115683114H	28 - 35	39	27	2,5	2	20	**5,55**
115183112H	35 - 42	44,5	34	2,5	3	20	**6,34**
115183200H	42 - 54	56	42	2,5	4	20	**11,17**
NEW **115183212H**	54	71,5	53	3	5	50	**16,28**

B 50 52



115/FKM

GUARNIZIONE FKM

- FKM GASKET
- DICTUNG AUS FKM
- JOINT FKM
- JUNTA EN FKM

NOTE: Impieghi / Application field / Einsatzgebiete / Champs d'application / Aplicaciones:
Solare / Solar / Solar / Solaire / Solares.

CODE	De mm	D1 mm	D2 mm	S mm	g		€
115683102F	15 - 18	18	10	3	1	20	**2,86**
115683304F	15 - 18 - 22	24	14	3	1	20	**2,86**
115683100F	18 - 22 - 28	30	20	3	1	20	**3,36**
115683114F	28 - 35	39	27	3	2	20	**5,19**
115183112F	35 - 42	44,5	34	3	3	20	**5,92**
115183051F	28	47,5	37	3	3	20	**6,45**
115183134F	42	50,5	40	3	4	20	**6,45**
115183200F	42 - 54	56	42	3	4	20	**10,44**
115183154F	54	65,5	45	3	4	20	**10,44**
115183540F	54	65,5	53,5	3	4	20	**10,44**
115183242F	42	66	56	3	4	20	**16,24**
115183054F	54	71,5	53	3	5	20	**16,24**
115183254F	54	79,5	69	3	5	20	**19,33**

B 50 52



850NS

BENDA DI PROTEZIONE BUTILICA RACCORDI STEELPRES

- BANDAGE PROTECTION FOR STEELPRES FITTINGS
- SCHUTZBAND FÜR STEELPRES FITTINGE
- BANDE DE PROTECTION POUR RACCORDS STEELPRES
- FUNDA DE PROTECCION PIEZAS STEELPRES

CODE	Lg x L cm x m	g			€
850NS000000	5 cm x 9,15 m	734	1	24	**35,83**

Raccomandato per impianti di raffrescamento
Recommended for cooling installation
Empfehlt fuer Kuehlungsanlagen
Recommandé pour installations de refroidissement
Recomendado para instalaciones de refrigeracion

FOCUS ON

Umidità e condensa: quando si forma, perché?

La condensa è un fenomeno naturale che si manifesta quando l'aria carica di vapore acqueo entra in contatto con superfici fredde.
La differenza di temperatura tra aria calda e superfice fredda provoca la trasformazione del vapore in gocce d'acqua.

Effetto della condensa sui tubi in acciaio al carbonio zincati.

Negli impianti di raffrescamento realizzati con tubi zincati non adeguatamente protetti, l'eventuale formazione di condensa sulla superficie esterna del tubo in presenza di ossigeno, provoca la formazione di ossido di zinco. Una volta consumato tutto lo zinco superficiale, sulla sottostante superfice in acciaio al carbonio si innesca una corrosione generalizzata con formazione di ossido di ferro.

Come risolvere il problema?

Per preservare il tubo in acciaio al carbonio è necessario rivestire la sua superficie con un materiale protettivo che non si ossidi e che svolga azione di barriera fisica tra tubazione ed atmosfera.

Quale soluzione offre RM?

Per facilitare la fase di installazione e protezione delle tubazioni e dei raccordi Steelpres, mettiamo a disposizione tubo in acciaio al carbonio zincato rivestito con PP e bende butiliche da nastrare sopra i raccordi.

Protezione di tubi e raccordi dalla corrosione esterna.

Il nastro adesivo isobutilico presenta grande allungabilità in entrambi i sensi ed un forte potere adesivo ed auto amalgamante. Lo stesso non necessita di primer aggrappante, impermeabilizza perfettamente le superfici, isolando da agenti atmosferici e chimici blandi. La grande allungabilità conferisce ai nastri un'adattabilità pressochè universale su tutte le superfici, anche le più irregolari quali curve,



Tee, giunti a bicchiere etc. Per applicarlo e sufficiente che la superficie sia pulita e non umida. Il nastro va spellicolato esercitando la tensione necessaria a seconda delle situazioni. Esso si allunga infatti fino al 700% della sua lunghezza iniziale mentre lo spessore finale e in funzione della trazione esercitata. È consigliabile una sovrapposizione di almeno un 10% della larghezza del nastro.
La protezione attraverso il rivestimento con fasce e/o verniciatura, deve comunque avvenire sempre dopo la prova impianto.

Humidity and condensate: when and why it creates.

Condensate is a natural event appearing when the air rich in water vapour comes into contact with cold surfaces.
The difference in temperature between hot air and cold surfaces brings about the transformation of vapour in water drops.

Effects of condensate on zincplated carbon steel pipes.

In cooling systems obtained from not suitably protected zinc-plated pipes, possible condensate creation on pipes' outer surface in presence of oxygen causes the formation of zinc oxide. After superficial zinc consumption, on carbon steel surface under zinc coating a general corrosion starts with the formation of iron oxide.

How to solve the problem.

In order to protect carbon steel pipes, it is necessary to coat its surface by a protective material that does not oxidise and acts as physical barrier between pipe and atmosphere.

RM's solution.

To ease the phases of installation and protection zinc-plated carbon steel pipe coated with PP and butyl tapes to be applied onto fittings.

Protection of pipelines and connections from external corrosion.

The butanol-adhesive tape has high tensile and high adhesive strength and is selffluxing. It requires no adherent primer, lets surfaces perfectly repel water and insulates against atmospheric influences and free chemicals.
The high tensibility provides the tapes with comprehensive applicability for all types of surfaces, even for irregular surfaces such as bends, T-piece, sleeves, etc.
For the application, it is sufficient that the surface is clean but not wet.
The tape must be under pressure and cleaned depending on the situation. It extends over 700% compared to its original length, while the width at the end depends on the extension.
It is recommended to overlap the tape with at least 10% of the tape width. A coating protection with the help of tapes and/or varnish must always occur after a trial run of the system.



Sistemi di raccordi a pressare profilo UNIKO

PRESS FITTING SYSTEMS UNIKO PROFILE

PRESSFITTINGSYSTEME UNIKO-PROFIL

SYSTÈME À SERTIR PROFIL UNIKO

SISTEMA DE ACCESORIOS PARA PRENSAR PERFIL UNIKO

Il sistema pressfitting - profilo UNIKO

The UNIKO Profile pressfitting system

Il Pressfitting è un sistema di giunzione tra tubi con raccordi che vengono uniti per mezzo di macchine pressatrici elettromeccaniche. La pressatura deforma permanentemente il raccordo sul tubo realizzando la tenuta meccanica, mentre la guarnizione O-Ring garantisce la tenuta idraulica. Il processo di pressatura garantisce collegamenti di qualità costante, riproducibile e utilizzando un minimo sforzo fisico da parte dell'operatore.

La **gamma con profilo UNIKO** ha il grande vantaggio di poter essere pressata **sia con attrezzature a profilo M che V.**
Si tratta di una grande **innovazione brevettata e certificata** dai principali enti certificatori, disponibile sia per acqua che per gas. Gli utilizzatori profilo V e profilo M potranno scegliere la nostra nuova proposta con profilo UNIKO senza dover investire in nuove attrezzature e in nuove competenze.

Il vasto assortimento dei componenti, in acciaio inossidabile e in rame, è disponibile dal Ø 12 fino al Ø 54 mm compreso.

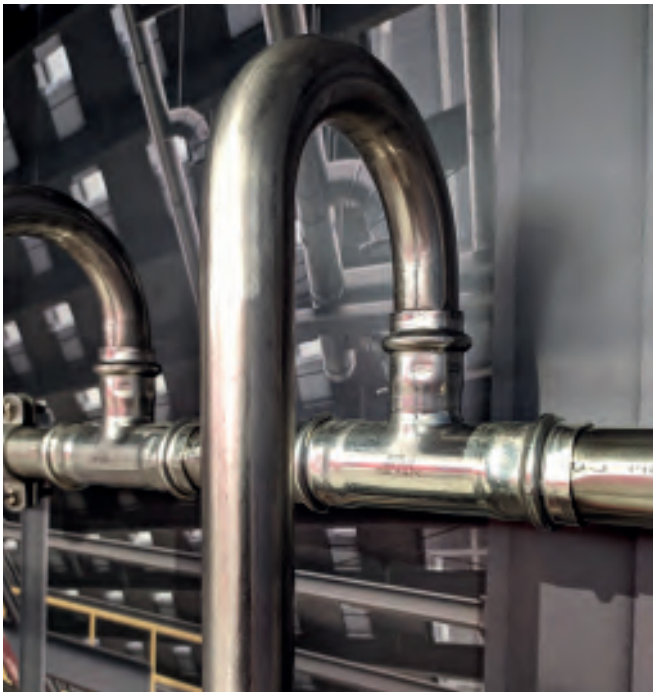
Pressfitting is a joint system between pipes with fittings that are joined by means of electromechanical pressing machines. The pressing permanently deforms the fitting on the pipe creating the mechanical seal, while the O-Ring seal guarantees the hydraulic seal. The pressing process guarantees connections of constant quality, reproducible and using minimal physical effort on the part of the operator.

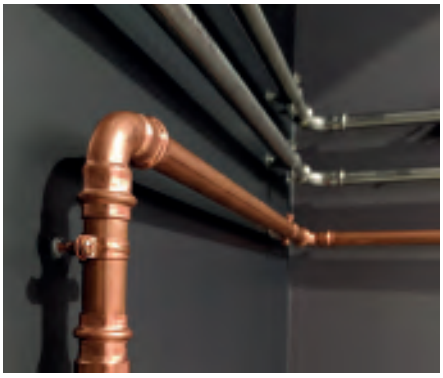
The **range with UNIKO profile** has the great advantage of being able to **be pressed with both M and V profile equipment**.
This is a great patented innovation certified by the main certifying bodies, available for both water and gas. Profile V and profile M users will be able to choose our new proposal with UNIKO profile without having to invest in new equipment and new skills.

The wide range of components, in stainless steel and copper, is available from Ø 12 up to and including Ø 54 mm.

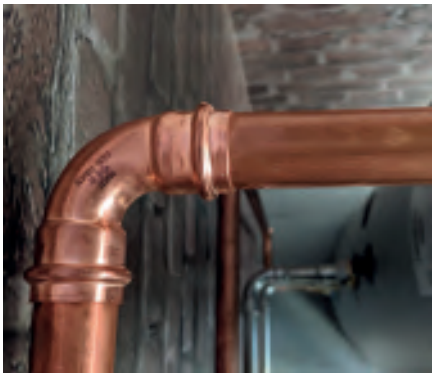












Le fasi di installazione - profilo UNIKO

Installation process - UNIKO profile



Attrezzatura per la preparazione del tubo / Tools for the pipe set-up



Macchine e attrezzature per la pressata / Pressing machines and tools



Taglio del tubo / Cutting the pipe to length



Sbavatura del tubo / Deburring the pipe



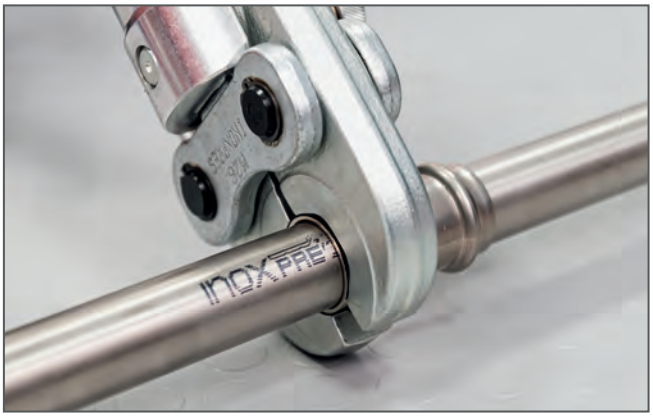
Controllo O-ring / Checking the sealing ring



Marcatura della profondità d'innesto / Marking the insertion depth



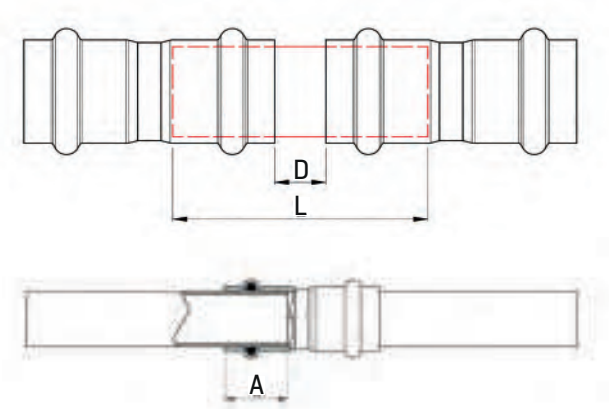
Preparazione della macchina pressatrice / Press machine preparation



Assemblaggio attraverso pressatura / Making the press connection



Controllo della pressatura / Checking the press connection



A = Quota d'innesto
D = Distanza minima
L = Lunghezza minima di tubo

A = insertion depth
D = minimum distance
L = minimum pipe length tubo

Profondità d'innesto e distanze minime

Insertion depth and minimum distances

Diametro esterno tubi in mm *Pipe outside diameter in mm*	A mm	D mm	L mm
12	18	20	56
14	22	20	64
15	22	20	64
16	22	20	64
18	22	20	64
22	24	20	68
28	24	20	68
35	27	20	74
42	36	40	112
54	41	40	122

VIDEO TUTORIAL

Scopri sul nostro canale YouTube, come installare il sistema Pressfitting !

Find out more on our YouTube channel, how to install Pressfitting system !

YouTube RACCORDERIE METALLICHE

RACCORDERIE METALLICHE

Certificazioni / Certifications

	DVGW	PRODUKTE DER WASSERVERSORGUNG	DW8511CS0383	Ø 15 – 54 mm
	DVGW	EDELSTAHLROHR "INOXPRES" – 1.4404	DV-7301 BM3426 (GW 541)	Ø 15 – 54 mm
	DVGW	EDELSTAHLROHR "INOXPRES" – 1.4521	DW-7301 BT0667 (GW 541)	Ø 15 – 54 mm
	SVGW	TRINKWASSERVERTEILSYSTEME	1911-6889	Ø 15 – 54 mm
	ICIM	RACCORDI A PRESSARE IN RAME E BRONZO / COPPER AND BRASS FITTINGS PRODOTTI E COMPONENTI UTILIZZATI A CONTATTO CON ACQUA POTABILE PRODUCT AND ELEMENTS IN CONTACT WITH DRINKING WATER	ICIM-CAP-009671-04	Ø 15 – 54 mm
		INOXPRES UNIKO PRESSFITTING SYSTEM – HYGIENIC CERTIFICATION	RU.01.PA.02.013.E.000258.03.20	Ø 15 – 54 mm

Campi di applicazione / Fields of application

inoxPRES UNIKO®

- **Acqua potabile**
  Potable water
- **Riscaldamento**
  Heating
- **Raffrescamento**
  Cooling
- Oil
  Olio / gasolio
  Oil / diesel fuel
  FKM O-Ring
- **Acque di processo**
  Process water
- BAR
  Aria compressa
  Compressed air
- **Antincendio**
  Fire protection systems

inoxPRES UNIKO® **O-ring EPDM**

Nero | Black | Schwarz | Noir | Negro





I prezzi dei tubi sono validi fino a nuova comunicazione.
Pipe prices are valid until new update.
Die Rohrpreise gelten bis auf weiteres .
Les prix des tubes sont valables jusqu'à nouvelle communication.
Los precios de las tuberías son válidos hasta nueva comunicación.

B 30 31

116/200 6 m

TUBO IN ACCIAIO INOSSIDABILE

- STAINLESS STEEL PIPE
- EDELSTAHL ROHR
- TUBE EN ACIER INOXYDABLE
- TUBO DE ACERO INOXIDABLE

NORM: EN 10217-7 (DIN 17455) - EN 10312

Mat. Nr.: 1.4404 (AISI 316L) L=6 m
Crudo - Not annealed - Ungeglüht - Non-hypertrempé - Crudo

CODE	Dimensions mm x mm	Ø int mm	L m	kg/m	Volume l/m	Minimum package m	Bundle m	€/m
116015200	15 x 1,0	13	6	0,351	0,133	60	1014	**18,33**
116018200	18 x 1,0	16	6	0,426	0,201	60	1014	**20,84**
116022200	22 x 1,2	19,6	6	0,625	0,302	60	762	**29,05**
116028200	28 x 1,2	25,6	6	0,805	0,514	30	546	**36,65**
116035200	35 x 1,5	32	6	1,258	0,804	30	546	**55,38**
116042200	42 x 1,5	39	6	1,521	1,194	30	366	**66,16**
116054200	54 x 1,5	51	6	1,972	2,042	30	366	**84,98**



I prezzi dei tubi sono validi fino a nuova comunicazione.
Pipe prices are valid until new update.
Die Rohrpreise gelten bis auf weiteres .
Les prix des tubes sont valables jusqu'à nouvelle communication.
Los precios de las tuberías son válidos hasta nueva comunicación.

B 30 31

116/300

TUBO IN ACCIAIO INOSSIDABILE

- STAINLESS STEEL PIPE
- EDELSTAHL ROHR
- TUBE EN ACIER INOXYDABLE
- TUBO DE ACERO INOXIDABLE

NORM: EN 10217-7 (DIN 17455) - EN 10312

Mat. Nr.: 1.4404 (AISI 316L) L=6 m
Ricotto - Annealed - Geglüht - Hypertrempé - Recocido

CODE	Dimensions mm x mm	Ø int mm	L m	kg/m	Volume l/m	Minimum package m	Bundle m	€/m
116015300	15 x 1,0	13	6	0,351	0,133	60	1014	**27,96**
116018300	18 x 1,0	16	6	0,426	0,201	60	1014	**30,04**
116022300	22 x 1,2	19,6	6	0,625	0,302	60	762	**40,31**
116028300	28 x 1,2	25,6	6	0,805	0,514	30	546	**49,45**
116035300	35 x 1,5	32	6	1,258	0,804	30	546	**72,87**
116042300	42 x 1,5	39	6	1,521	1,194	30	366	**87,38**
116054300	54 x 1,5	51	6	1,972	2,042	30	366	**110,80**

B 30 33



I prezzi dei tubi sono validi fino a nuova comunicazione.
Pipe prices are valid until new update.
Die Rohrpreise gelten bis auf weiteres .
Les prix des tubes sont valables jusqu'à nouvelle communication.
Los precios de las tuberías son válidos hasta nueva comunicación.

116/030 6 m

TUBO IN ACCIAIO INOSSIDABILE

- STAINLESS STEEL PIPE
- EDELSTAHL ROHR
- TUBE EN ACIER INOXYDABLE
- TUBO DE ACERO INOXIDABLE

NORM: EN 10217-7 (DIN 17455) - EN 10312

Mat. Nr.: 1.4521 (AISI 444) L=6 m
Ricotto - Annealed - Geglüht - Hypertrempé - Recocido

CODE	Dimensions mm x mm	Ø int mm	L m	kg/m	Volume l/m	Minimum package m	Bundle m	€/m
116015030	15 x 1,0	13	6	0,351	0,133	60	1014	**11,85**
116018030	18 x 1,0	16	6	0,426	0,201	60	1014	**13,63**
116022030	22 x 1,2	19,6	6	0,625	0,302	60	762	**19,65**
116028030	28 x 1,2	25,6	6	0,805	0,514	30	546	**25,27**
116035030	35 x 1,5	32	6	1,258	0,804	30	546	**38,14**
116042030	42 x 1,5	39	6	1,521	1,194	30	366	**46,33**
116054030	54 x 1,5	51	6	1,972	2,042	30	366	**59,42**

NOTA / NOTE

Per le specifiche certificazioni delle tubazioni in ogni singolo paese, vedere sito web raccorderiemetalliche.com

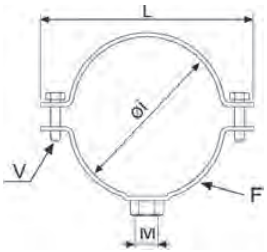
For pipes certification's details of each country, please check our website raccorderiemetalliche.com

Die für jedes einzelne Land spezifischen Zertifizierungen der Rohre finden Sie auf die Website raccorderiemetalliche.com

Pour toute certification de tubes dans chaque pays, voir le site internet raccorderiermetalliche.com

Para conocer las certificaciones específicas de las tuberías en cada país, consulte el sitio web raccorderiemetalliche.com

A 50 50





156

COLLARE PER TUBO INOXPRES

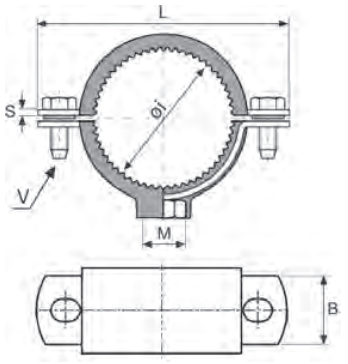
- CLAMP FOR INOXPRES PIPE
- ROHRSCHELLE FÜR INOXPRES ROHR
- COLLIER POUR TUBE INOXPRES
- ABRAZADERA PARA TUBO INOXPRES

MATERIAL: AISI 304 - 1.4301
NOTE: dado saldato con puntatura elettrica
spot welded nut

CODE	DN mm	M	F Lg x Sp mm	V mm	L mm	g			€
156015304	15	M 8	20 x 2,5	M 6 x 20	48	52	1	50*	**5,99**
156308304	18	M 8	20 x 2,5	M 6 x 20	53,5	58	1	50*	**5,99**
156102304	22	M 8	20 x 2,5	M 6 x 20	58	62	1	50*	**5,77**
156304304	28	M 8	20 x 2,5	M 6 x 20	63,5	68	1	50*	**5,97**
156100304	35	M 8	20 x 2,5	M 6 x 20	70	76	1	50*	**6,68**
156114304	42	M 8	20 x 2,5	M 6 x 20	79	88	1	50*	**7,40**
156054304	54	M 8	20 x 2,5	M 6 x 25	94	102	1	50*	**8,70**

(*) unità minima di vendita / minimum selling quantity

A 50 50





Conforme a
Conform to
Entsprechend
Correspondant
Conforme a la
DIN 4109

156/G

COLLARE GOMMA PER TUBO INOXPRES

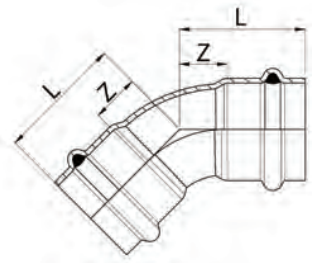
- CLAMP WITH RUBBER FOR INOXPRES PIPE
- ROHRSCHELLE MIT GUMMIEINLAGE FÜR INOXPRES ROHR
- COLLIER DE FIXATION GARNITURE ISOPHONIQUE POUR TUBE INOXPRES
- ABRAZADERA ISOFÓNICA PARA TUBO INOXPRES

MATERIAL: AISI 304 - 1.4301
VULCANIZED RUBBER: EPDM (-20° C/+120° C) durezza/hardness 55 Shore
NOTE: dado saldato con puntatura elettrica
spot welded nut

CODE	DN mm	M	V mm	B mm	S mm	L mm	g			€
156150304G	15	M 8	M 6 x 20	20	2,5	58	72	1	50*	**12,18**
156308304G	18	M 8	M 6 x 20	20	2,5	58	76	1	50*	**12,18**
156102304G	22	M 8	M 6 x 20	20	2,5	63,5	86	1	50*	**12,42**
156304304G	28	M 8	M 6 x 20	20	2,5	70	94	1	50*	**12,91**
156100304G	35	M 8	M 6 x 20	20	2,5	79	112	1	50*	**13,68**
156114304G	42	M 8	M 6 x 20	20	2,5	85	120	1	50*	**15,94**
156112304G	54	M 8	M 6 x 25	20	2,5	97	142	1	50*	**17,38**

(*) unità minima di vendita / minimum selling quantity

B 10 22





181/450 U

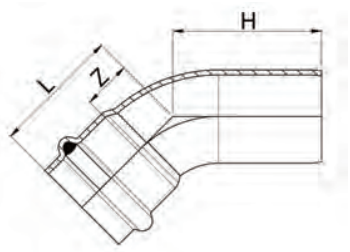
CURVA 45° FF

- 45° ELBOW FF
- BOGEN 45° II
- COUDE FF 45°
- CURVA 45° HH

MATERIAL: AISI 316L – 1.4404
O-RING: EPDM nero - black - Schwarz - noir - negro

CODE	De mm	Radius	L mm	Z mm	g			€
181015450CU	15	1,2 De	29,5	7,5	42	20	300	16,94
181018450CU	18	1,2 De	31,5	9,5	50	20	300	18,75
181022450CU	22	1,2 De	34	10	67	20	100	21,76
181028450CU	28	1,2 De	39	15	96	10	100	26,19
181035450U	35	1,2 De	47,5	19,5	140	10	60	29,83
181042450U	42	1,2 De	59	23	212	4	32	48,31
181054450U	54	1,2 De	69	28	308	2	20	62,01

B 10 22





181/451 U

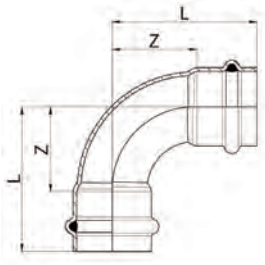
CURVA 45° MF

- 45° ELBOW MF
- BOGEN 45° IA
- COUDE MF 45°
- CURVA 45° HM

MATERIAL: AISI 316L – 1.4404
O-RING: EPDM nero - black - Schwarz - noir - negro

CODE	De mm	Radius	L mm	H mm	Z mm	g			€
181015451CU	15	1,2 De	29,5	36,5	7,5	39	20	300	16,94
181018451CU	18	1,2 De	31,5	38	9,5	48	20	300	18,14
181022451CU	22	1,2 De	34	42	10	65	20	100	20,52
181028451CU	28	1,2 De	39	45	15	92	10	100	24,42
181035451U	35	1,2 De	47,5	57,5	19,5	141	10	60	27,79
181042451U	42	1,2 De	59	72	23	213	4	40	46,47
181054451U	54	1,2 De	69	78	28	305	2	20	59,64

B 10 22





181/900 U

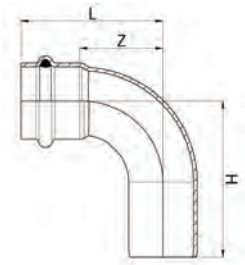
CURVA 90° FF

- 90° ELBOW FF
- BOGEN 90° II
- COUDE FF 90°
- CURVA 90° HH

MATERIAL: AISI 316L – 1.4404
O-RING: EPDM nero - black - Schwarz - noir - negro

CODE	De mm	Radius	L mm	Z mm	g			€
181015900CU	15	1,2 De	40	18	49	20	300	**12,92**
181018900CU	18	1,2 De	42	20	60	20	200	**14,79**
181022900CU	22	1,2 De	49	25	83	10	100	**17,90**
181028900CU	28	1,2 De	58	34	122	10	100	**23,74**
181035900U	35	1,2 De	72	44	181	5	50	**37,11**
181042900U	42	1,2 De	88	52	273	2	30	**63,69**
181054900U	54	1,2 De	107	66	409	2	16	**88,86**

B 10 22





181/901 U

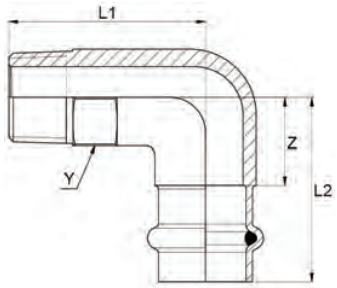
CURVA 90° MF

- 90° ELBOW MF
- BOGEN 90° IA
- COUDE MF 90°
- CURVA 90° HM

MATERIAL: AISI 316L – 1.4404
O-RING: EPDM nero - black - Schwarz - noir - negro

CODE	De mm	Radius	L mm	H mm	Z mm	g			€
181015901CU	15	1,2 De	40	41	18	43	20	300	**13,56**
181018901CU	18	1,2 De	42	44	20	54	20	200	**15,38**
181022901CU	22	1,2 De	49	51	25	76	10	100	**18,47**
181028901CU	28	1,2 De	58	58	34	111	10	100	**23,13**
181035901U	35	1,2 De	72	82	44	182	5	50	**34,00**
181042901U	42	1,2 De	88	100	52	272	2	30	**61,69**
181054901U	54	1,2 De	107	120	66	414	2	16	**89,38**

B 10 22





197 U

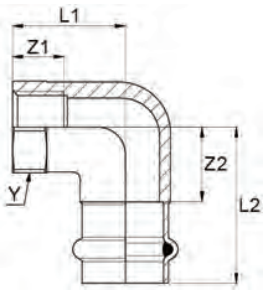
GOMITO MISTO 90° FILETTO M

- ELBOW ADAPTER 90° WITH MALE THREAD
- ÜBERGANGSWINKEL 90° AG
- EQUERRE 90° AVEC FILETAGE M
- CODO MACHO

MATERIAL: AISI 316L – 1.4404
O-RING: EPDM nero - black - Schwarz - noir - negro
THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x R mm x inch	L1 mm	L2 mm	Z mm	Y mm	g			€
197102015U	15 x 1/2"	44,5	42	20	22	116	10	150	**26,36**
197102018U	18 x 1/2"	44,5	42	20	22	124	10	150	**30,17**
197102022U	22 x 1/2"	44,5	44	20	22	137	10	150	**34,51**
197304022U	22 x 3/4"	49	45	21	27	159	10	100	**38,69**
197304028U	28 x 3/4"	49	45	21	27	182	5	50	**51,56**
197100028U	28 x 1"	52,5	49	25	35	279	5	50	**52,07**

B 10 22





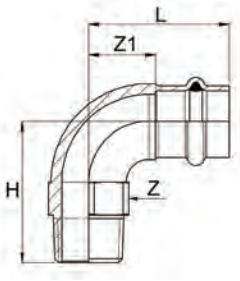
198 U

GOMITO MISTO 90° FILETTO F

- ELBOW ADAPTER 90° WITH FEMALE THREAD
- ÜBERGANGSWINKEL 90° IG
- EQUERRE 90° AVEC FILETAGE F
- CODO HEMBRA

MATERIAL: AISI 316L – 1.4404
O-RING: EPDM nero - black - Schwarz - noir - negro
THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x Rp mm x inch	L1 mm	L2 mm	Z1 mm	Z2 mm	Y mm	g			€
198102015U	15 x 1/2"	33	44	15	22	27	129	10	150	**27,83**
198102018U	18 x 1/2"	33	44	15	22	27	137	10	150	**31,97**
198102022U	22 x 1/2"	33	46	15	22	27	148	10	100	**35,66**
198304022U	22 x 3/4"	38	46	19	22	30	155	10	100	**39,02**
198100028U	28 x 1"	48	51	21	27	40	349	5	50	**50,91**





B 10 22

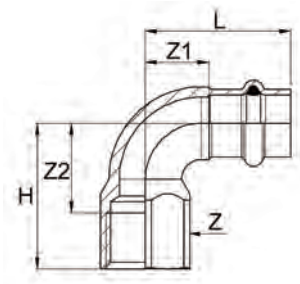
186/M U

CURVA FILETTATA 90° FILETTO M

- 90° ELBOW MALE BSP
- BOGEN 90° MIT AG
- COUDE 90° AVEC FILETAGE M
- CODO A 90° MH

MATERIAL: AISI 316L – 1.4404
O-RING: EPDM nero - black - Schwarz - noir - negro
THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x R mm x inch	L mm	H mm	Z mm	Z1 mm	g			€
186102015CU	15 x 1/2"	39	39	22	17	87	20	300	**39,58**
186102018CU	18 x 1/2"	42	42	24	20	105	20	200	**41,49**
186304022CU	22 x 3/4"	47	49	28	24	153	10	100	**48,49**
186100028CU	28 x 1"	54	63	36	30	275	10	50	**57,49**





B 10 22

186/F U

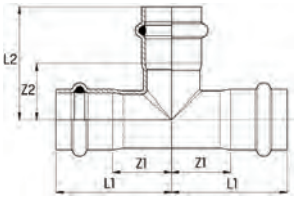
CURVA FILETTATA 90° FILETTO F

- 90° ELBOW FEMALE BSP
- BOGEN 90° MIT IG
- COUDE 90° AVEC FILETAGE F
- CODO A 90° HH

MATERIAL: AISI 316L – 1.4404
O-RING: EPDM nero - black - Schwarz - noir - negro
THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x Rp mm x inch	L mm	H mm	Z mm	Z1 mm	Z2 mm	g			€
186102015FCU	15 x 1/2"	39	39	24	17	24	89	20	200	**41,33**
186304018FCU	18 x 3/4"	42	48	32	20	29	161	10	100	**49,28**

B 10 22





182 U

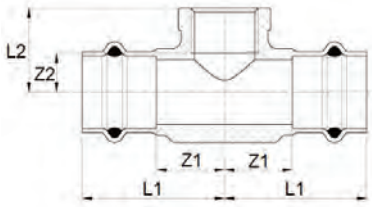
"T"

- EQUAL TEE
- T-STÜCK
- TÉ ÉGAL
- TE IGUAL HHH

MATERIAL: AISI 316L – 1.4404
O-RING: EPDM nero - black - Schwarz - noir - negro

CODE	De mm	L1 mm	L2 mm	Z1 mm	Z2 mm	g			€
182015000U	15	43	41	21	19	81	20	200	**23,26**
182018000U	18	45	43	23	21	97	20	100	**26,77**
182022000U	22	49	47,5	25	23,5	128	10	80	**28,13**
182028000U	28	52	51,5	28	27,5	168	5	50	**33,80**
182035000U	35	62	58,5	34	30,5	236	4	32	**42,17**
182042000U	42	75	70,5	39	34,5	352	4	20	**59,65**
182054000U	54	89	83,5	48	42,5	516	2	12	**71,14**

B 10 22





189 U

"T" CON DERIVAZIONE FILETTO F

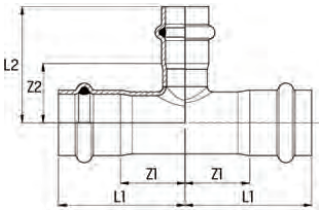
- BRANCH TEE FEMALE BSP OUTLET
- T-STÜCK MIT ABGANG IG
- TÉ MIXTE AVEC FILETAGE F
- TE HEMBRA ROSCADA

MATERIAL: AISI 316L – 1.4404
O-RING: EPDM nero - black - Schwarz - noir - negro
THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x Rp x De mm x inch x mm	L1 mm	L2 mm	Z1 mm	Z2 mm	g			€
189102015U*	15 x 1/2" x 15	38,5	22,5	16,5	8,5	120	20	100	**25,72**
189102018U*	18 x 1/2" x 18	38	24	16	10	132	20	100	**26,39**
189304018U*	18 x 3/4" x 18	42,5	30	20,5	14	173	10	100	**32,14**
189102022U*	22 x 1/2" x 22	41	26	18	12	164	10	100	**28,22**
189304022U*	22 x 3/4" x 22	43,5	30	20,5	14	189	10	100	**32,20**
189102028U*	28 x 1/2" x 28	42	29	18	15	203	10	50	**31,03**
189304028U*	28 x 3/4" x 28	45	30	21	14	226	10	50	**36,89**
189100028U*	28 x 1" x 28	45	34	21	16	271	5	50	**58,35**
189102035U	35 x 1/2" x 35	62	50	34	35	231	5	40	**37,20**
189102042U	42 x 1/2" x 42	75	53,5	39	38,5	319	4	20	**46,07**
189102054U	54 x 1/2" x 54	89	61	48	46	448	2	14	**55,68**

(*) senza saldatura - seamless - nahtlos - sans soudure - sin soldadura

B 10 22





192 U

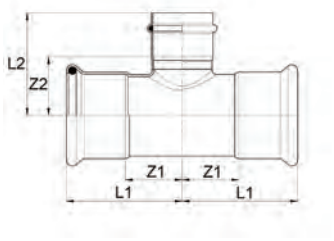
"T" RIDOTTO

- REDUCING TEE
- T-STÜCK MIT REDUZIERTEM ABGANG
- TÉ RÉDUIT
- TE REDUCIDA HHH

MATERIAL: AISI 316L – 1.4404
O-RING: EPDM nero - black - Schwarz - noir - negro

CODE	De mm	L1 mm	L2 mm	Z1 mm	Z2 mm	g			€
192018015U	18 x 15 x 18	45	42,5	23	20,5	94	20	100	**22,99**
192022015U	22 x 15 x 22	49	45	25	23	116	10	100	**24,09**
192022018U	22 x 18 x 22	49	45,5	25	23,5	119	10	100	**25,33**
192028015U	28 x 15 x 28	52	47,5	28	25,5	148	10	50	**28,70**
192028018U	28 x 18 x 28	52	48	28	26	152	10	50	**29,38**
192028022U	28 x 22 x 28	52	50	28	26	158	10	50	**31,32**
192035015U	35 x 15 x 35	62	51	34	29	204	5	35	**36,55**
192035018U	35 x 18 x 35	62	51,5	34	29,5	207	5	35	**37,05**
192035022U	35 x 22 x 35	62	53,5	34	29,5	214	5	35	**38,24**
192035028U	35 x 28 x 35	62	55	34	31	224	5	35	**39,77**
192042018U	42 x 18 x 42	75	55	39	33	295	4	20	**52,91**
192042022U	42 x 22 x 42	75	57	39	33	301	4	20	**54,78**
192042028U	42 x 28 x 42	75	58,5	39	34,5	311	4	20	**55,99**
192042035U	42 x 35 x 42	75	61	39	33	322	4	20	**57,30**
192054022U	54 x 22 x 54	89	64,5	48	40,5	431	2	16	**60,41**
192054028U	54 x 28 x 54	89	66	48	42	440	2	16	**62,91**
192054035U	54 x 35 x 54	89	68,5	48	40,5	451	2	16	**64,15**
192054042U	54 x 42 x 54	89	78	48	42	480	2	16	**68,77**

B 10 12





192 M_U

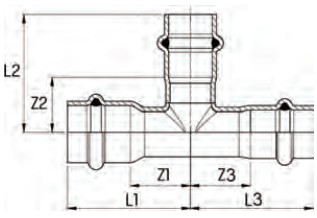
"T" RIDOTTO

- REDUCING TEE
- T-STÜCK MIT REDUZIERTEM ABGANG
- TÉ RÉDUIT
- TE REDUCIDA HHH

MATERIAL: AISI 316L – 1.4404
O-RING: EPDM nero - black - Schwarz - noir - negro

CODE	De mm	L1 mm	L2 mm	Z1 mm	Z2 mm	g			€
192076022U	76,1 x 22 x 76,1	108	76,5	53	52,5	952	2	2	**297,90**
192076028U	76,1 x 28 x 76,1	108	78	53	54	964	2	2	**322,07**
192076035U	76,1 x 35 x 76,1	108	80,5	53	52,5	975	2	2	**346,27**
192076042U	76,1 x 42 x 76,1	108	90	53	54	1004	2	2	**373,58**
192076054U	76,1 x 54 x 76,1	108	95,5	53	54,5	1034	2	2	**397,80**
192088022U	88,9 x 22 x 88,9	132	84	72	60	1316	2	2	**316,03**
192088028U	88,9 x 28 x 88,9	132	85,5	72	61,5	1329	2	2	**334,16**
192088035U	88,9 x 35 x 88,9	132	88	72	60	1340	2	2	**364,19**
192088042U	88,9 x 42 x 88,9	132	97,5	72	61,5	1369	2	2	**384,60**
192088054U	88,9 x 54 x 88,9	132	103	72	62	1398	2	2	**407,20**
192108022U	108 x 22 x 108	155	93,5	80	69,5	1910	2	2	**339,54**
192108028U	108 x 28 x 108	155	95	80	71	1922	2	2	**355,67**
192108035U	108 x 35 x 108	155	97,5	80	69,5	1933	2	2	**393,99**
192108042U	108 x 42 x 108	155	107	80	71	1962	2	2	**407,20**
192108054U	108 x 54 x 108	155	112,5	80	71,5	1990	2	2	**443,25**

B 10 22





192/L U

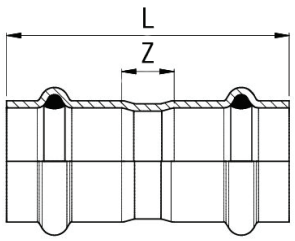
"T" RIDOTTO

- REDUCING TEE
- T-STÜCK MIT REDUZIERTEM ABGANG
- TÉ RÉDUIT
- TE REDUCIDA HHH

MATERIAL: AISI 316L – 1.4404
O-RING: EPDM nero - black - Schwarz - noir - negro

CODE	De mm	L1 mm	L2 mm	L3 mm	Z1 mm	Z2 mm	Z3 mm	g			€
192181515U	18 x 15 x 15	43	43	41	21	21	19	85	20	100	**28,26**

B 10 22





183/000 U

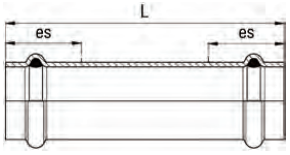
MANICOTTO

- COUPLING
- MUFFE
- MANCHON
- MANGUITO HH

MATERIAL: AISI 316L – 1.4404
O-RING: EPDM nero - black - Schwarz - noir - negro

CODE	De mm	L mm	Z mm	g			€
183015000U	15	57	13	42	20	400	**8,75**
183018000U	18	57	13	49	20	300	**9,96**
183022000U	22	59	11	61	20	200	**11,45**
183028000U	28	61	13	81	10	150	**13,07**
183035000U	35	70	14	111	10	80	**16,60**
183042000U	42	84	12	164	4	40	**22,46**
183054000U	54	92	10	223	2	24	**27,84**

B 10 22





183/001 U

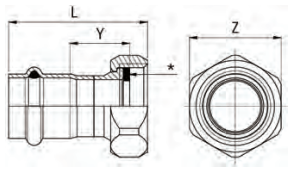
MANICOTTO PASSANTE

- SLIP COUPLING
- SCHIEBEMUFFE
- MANCHON LONG
- MANGUITO SIN TOPE

MATERIAL: AISI 316L – 1.4404
O-RING: EPDM nero - black - Schwarz - noir - negro

CODE	De mm	L mm	es mm	g			€
183015001U	15	82	25	58	20	200	**17,31**
183018001U	18	86	25	71	20	200	**18,10**
183022001U	22	92	25	91	20	100	**20,97**
183028001U	28	101	30	126	10	80	**26,27**
183035001U	35	119	30	179	5	50	**33,76**
183042001U	42	135	40	248	4	40	**42,07**
183054001U	54	158	45	362	2	20	**58,07**

B 10 22





183/002 U

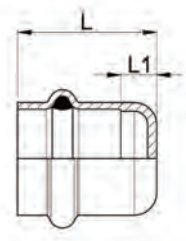
MANICOTTO CON DADO FOLLE

- VALVE CONNECTOR
- ANSCHLUSSVERSCHRAUBUNG
- RACCORD ÉCROU LIBRE
- RÁCOR DOS PIEZAS

MATERIAL: AISI 316L – 1.4404
O-RING: EPDM nero - black - Schwarz - noir - negro
GASKET: (*): EPDM nero - black - Schwarz - noir - negro
THREAD: ISO 228/1 (ex DIN 259)

CODE	De x G mm x inch	L mm	Z mm	Y mm	Gasket mm	g			€
183015012U	15 x 1/2"	50	27	23	18x10 thk 2,5	73	10	250	**25,63**
183015002U	15 x 3/4"	51,5	30	23	24x14 thk 2,5	72	10	250	**25,88**
183018012U	18 x 1/2"	50	27	22,5	18x10 thk 2,5	77	10	250	**28,32**
183018002U	18 x 3/4"	52	30	23,5	24x14 thk 2,5	73	10	250	**28,35**
183022012U	22 x 3/4"	52,5	30	22	24x14 thk 2,5	79	10	200	**33,26**
183022002U	22 x 1"	54,5	36	23,5	30x20 thk 2,5	98	10	200	**33,26**
183028012U	28 x 1"	53,5	36	22,5	30x20 thk 2,5	106	10	150	**41,28**
183028002U	28 x 1"1/4	57,5	46	25	39x27 thk 2,5	153	10	120	**41,28**
183035002U	35 x 1"1/2	63	52	27	44,5x34 thk 2,5	202	4	60	**46,85**
183042012U	42 x 1"3/4	73,5	58	27,5	50,5x40 thk 2,5	253	2	30	**63,23**
183054012U	54 x 2"3/8	82,5	75	28,5	65,5x53,5 thk 3	420	2	20	**85,10**

B 10 22





183/003 U

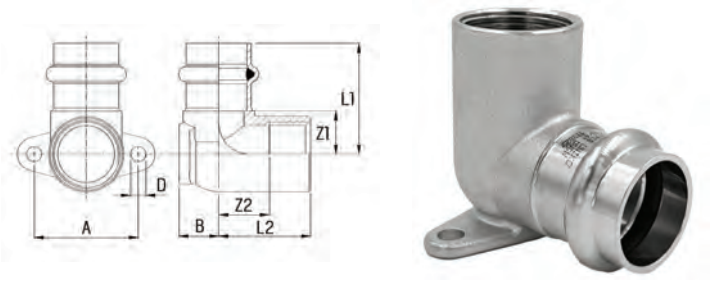
TAPPO DI CHIUSURA

- STOP END
- VERSCHLUSSKAPPE
- BOUCHON D'OBTURATION
- TAPÓN

MATERIAL: AISI 316L – 1.4404
O-RING: EPDM nero - black - Schwarz - noir - negro

CODE	De mm	L mm	L1 mm	g			€
183015003U	15	30	8	25	20	500	**12,39**
183018003U	18	30	8	30	20	300	**12,90**
183022003U	22	31	8	38	10	200	**14,95**
183028003U	28	32	8	52	10	150	**20,65**
183035003U	35	34	6	68	5	100	**25,19**
183042003U	42	42	6	98	4	80	**36,14**
183054003U	54	46	6	137	4	40	**42,18**

B 10 22



185/000 U

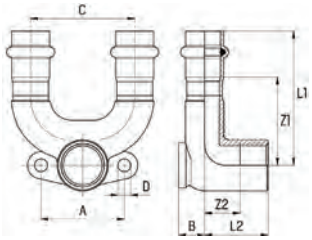
GOMITO MISTO 90° MF

- WALL PLATE ELBOW 90° MF
- DECKENWINKEL 90° A/I
- EQUERRE 90° MF
- CODO PLACA MH

MATERIAL: AISI 316L – 1.4404
O-RING: EPDM nero - black - Schwarz - noir - negro
THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x Rp mm x inch	L1 mm	L2 mm	Z1 mm	Z2 mm	A mm	B mm	D mm	g			€
185102015U	15 x 1/2"	36	30	14	16,5	34	13	5	100	10	150	31,32
185102018U	18 x 1/2"	36	30	14	16,5	34	13	5	104	10	150	32,49
185102022U	22 x 1/2"	40	34	17	20,5	40	16	6	140	10	100	48,32
185304022U	22 x 3/4"	42	34	19	19	40	17	6	154	10	100	46,77

B 10 22



185/003 U

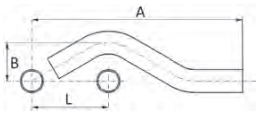
RACCORDO TRE VIE CON FLANGIA E DERIVAZIONE FILETTO F

- CORNER TEE WITH WALL FLANGE
- INOXPRES-DOPPELWANDSCHEIBE
- EQUERRE MURALE AVEC FILETAGE FEMELLE
- RACOR TRES VÍAS CON BRIDA Y ROSCA HEMBRA

MATERIAL: AISI 316L – 1.4404
O-RING: EPDM nero - black - Schwarz - noir - negro
THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x Rp x De mm x inch x mm	L1 mm	L2 mm	Z1 mm	Z2 mm	A mm	B mm	C mm	D mm	g			€
185102315U	15 x 1/2" x 15	64	30,5	42	17	40	12,5	50	6,2	183	10	80	68,29
185102318U	18 x 1/2" x 18	65,5	30	43,5	16,5	40	13	50	6,2	202	5	50	70,48
185102322U	22 x 1/2" x 22	75,5	27	51,5	13,5	40	16	60	6,2	267	5	50	78,17

B 10 11



179

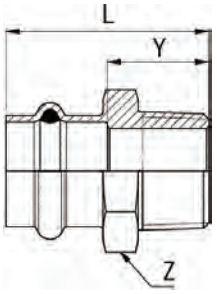
"S" DI SCAVALCAMENTO MM

- PIPE BRIDGE
- SPRUNGBOGEN
- "S" DE CHEVAUCHEMENT MALE
- "S" DE SUPERPOSICIÓN MM

MATERIAL: AISI 316L – 1.4404

CODE	De mm	L mm	A mm	B mm	g			€
179015000	15	57	158	30	54	10	150	19,47
179018000	18	60	166	31	74	10	100	20,26
179022000	22	65	179	33	116	10	100	22,69
179028000	28	73	206	36	192	10	50	27,52

B 10 22





187 U

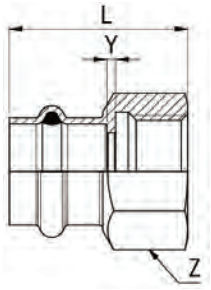
MANICOTTO MISTO FILETTO M

- MALE ADAPTER
- ÜBERGANGSSTÜCK MIT AG
- RACCORD AVEC FILETAGE MALE
- UNIÓN MACHO

MATERIAL: AISI 316L – 1.4404
O-RING: EPDM nero - black - Schwarz - noir - negro
THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x R mm x inch	L mm	Z mm	Y mm	g			€
187102015U	15 x 1/2"	42	24	21	60	20	300	**22,19**
187304015U	15 x 3/4"	45	30	24	109.0	20	200	**22,52**
187102018U	18 x 1/2"	42	27	21	61.0	20	300	**24,13**
187304018U	18 x 3/4"	45	30	24	101.0	20	200	**25,19**
187102022U	22 x 1/2"	46	32	24	94.0	10	200	**26,24**
187304022U	22 x 3/4"	46	32	24	91.0	10	200	**27,17**
187100022U	22 x 1"	49	36	27	161.0	10	100	**32,32**
187304028U	28 x 3/4"	48	38	25	121.0	10	100	**37,01**
187100028U	28 x 1"	50	38	27	134.0	10	100	**42,43**
187114028U	28 x 1"1/4	54	46	31	271.0	10	60	**49,00**
187100035U	35 x 1"	54	45	27	177.0	5	100	**44,72**
187114035U	35 x 1"1/4	58	46	31	209.0	5	50	**51,97**
187112035U	35 x 1"1/2	58	50	31	304.0	4	60	**61,26**
187114042U	42 x 1"1/4	65	54	31	268.0	4	40	**69,62**
187112042U	42 x 1"1/2	65	54	31	264.0	4	40	**75,49**
187112054U	54 x 1"1/2	73	67	34	433.0	4	32	**87,62**
187200054U	54 x 2"	78	67	39	422.0	4	32	**93,86**

B 10 22





190 U

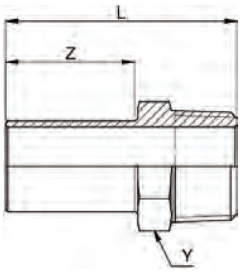
MANICOTTO MISTO FILETTO F

- FEMALE ADAPTER
- ÜBERGANGSSTÜCK MIT IG
- RACCORD AVEC FILETAGE FEMELLE
- UNIÓN HEMBRA

MATERIAL: AISI 316L – 1.4404
O-RING: EPDM nero - black - Schwarz - noir - negro
THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x Rp mm x inch	L mm	Z mm	Y mm	g			€
190102015U	15 x 1/2"	40	27	2	65.0	20	240	**23,90**
190304015U	15 x 3/4"	41	32	2	79.0	20	240	**24,91**
190102018U	18 x 1/2"	40	27	2	68.0	20	240	**25,20**
190304018U	18 x 3/4"	41	32	2	80.0	10	200	**26,38**
190102022U	22 x 1/2"	40	32	2	100.0	10	200	**26,76**
190304022U	22 x 3/4"	42	32	2	83.0	10	150	**31,35**
190100022U	22 x 1"	46	41	2	149.0	10	100	**37,06**
190304028U	28 x 3/4"	42	38	2	129.0	10	100	**35,94**
190100028U	28 x 1"	47	41	2	152.0	10	100	**49,23**
190114028U	28 x 1"1/4	49	46	2	153.0	10	100	**54,63**
190100035U	35 x 1"	51	46	2	218.0	5	80	**47,33**
190114035U	35 x 1"1/4	54	46	2	163.0	5	50	**53,72**
190114042U	42 x 1"1/4	60	55	2	309.0	4	40	**60,72**
190112042U	42 x 1"1/2	60	55	2	246.0	4	40	**83,77**
190112054U	54 x 1"1/2	63	67	1	455.0	4	32	**91,20**
190200054U	54 x 2"	70	67	2	365.0	4	20	**124,73**

B 10 11





269/M

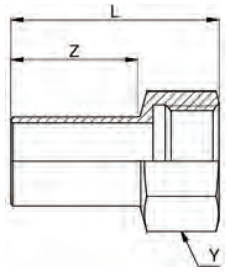
MANICOTTO CON INSERIMENTO FILETTO M

- MALE REDUCTION SOCKET
- ÜBERGANG AUSSENGEWINDE MIT EINSCHUBENDE
- MANCHON DE RÉDUCTION FILETÉ
- ADAPTADOR MACHO

MATERIAL: AISI 316L – 1.4404
THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x R mm x inch	L mm	Z mm	Y mm	g			€
269102115	15 x 1/2"	52	31	22	55	20	300	**20,59**
269102118	18 x 1/2"	52	31	22	50	20	300	**22,51**
269304118	18 x 3/4"	55	31	27	95	20	200	**22,29**
269102122	22 x 1/2"	55	32	27	69	10	200	**24,19**
269304122	22 x 3/4"	56	32	27	80	10	200	**25,35**
269304128	28 x 3/4"	61	37	30	97	10	150	**31,84**
269100128	28 x 1"	64	37	38	145	10	100	**34,76**
269114135	35 x 1"1/4	72	41	45	238	4	40	**37,39**
269112142	42 x 1"1/2	91	55	55	292	4	40	**43,39**
269200154	54 x 2"	127	83	65	463	4	20	**72,59**

B 10 11





269/F

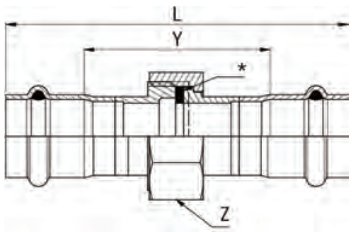
MANICOTTO CON INSERIMENTO FILETTO F

- FEMALE REDUCTION SOCKET
- ÜBERGANG INNENGEWINDE MIT EINSCHUBENDE
- MANCHON DE RÉDUCTION AVEC TARAUDAGE
- ADAPTADOR HEMBRA

MATERIAL: AISI 316L – 1.4404
THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x Rp mm x inch	L mm	Z mm	Y mm	g			€
269102015	15 x 1/2"	52	31	24	55	20	300	**22,46**
269102018	18 x 1/2"	52	31	24	56	20	200	**23,63**
269304018	18 x 3/4"	51	31	30	57	20	200	**24,56**
269102022	22 x 1/2"	52	32	24	65	10	200	**24,95**
269304022	22 x 3/4"	52	32	30	70	10	200	**29,49**
269304028	28 x 3/4"	57	37	30	76	10	150	**31,84**
269100028	28 x 1"	57	35	36	104	10	100	**47,73**
269114035	35 x 1"1/4	70	45	46	182	5	50	**66,94**
269112042	42 x 1"1/2	118	78	55	280	4	40	**73,79**
269200054	54 x 2"	135	83	70	340	2	10	**101,17**

B 10 22





184/001 U

BOCCHETTONE SEDE PIANA

- FLAT FACED UNION
- DURCHGANGSVERSCHRAUBUNG MIT PRESSENDEN FLACHDICHTEND
- ÉLÉMENT DE TRANSITION FILTÉ PLAT AVEC MANCHONS DES 2 CÔTES
- RÁCOR 3 PIEZAS PLANO

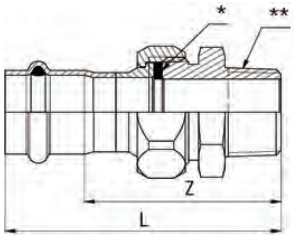
MATERIAL: AISI 316L – 1.4404
O-RING: EPDM nero – black – Schwarz – noir – negro
GASKET: (*): EPDM nero – black – Schwarz – noir – negro

CODE	De mm	L mm	Y mm	Z mm	Gasket mm	g			€
184015001U	15	100	56	34	24x14 thk 2,5	162	10	100	**49,06**
184018001U	18	101	57	39	30x20 thk 2,5	207	10	100	**58,08**
184022001U	22	105	57	39	30x20 thk 2,5	219	10	80	**65,13**
184028001U	28	120	72	58	47,5x37 thk 2,5	498	5	30	**84,56**
184035001U	35	127,5	71,5	67	56x42 thk 2,5	661	4	20	**106,72**
184042001U	42	152	80	77	66x56 thk 2,5	875	2	20	**132,27**
184054001U	54	165,5	83,5	90	79,5x69 thk 2,5	1250	2	10	**249,95**

B 10 22

184/002 U

BOCCHETTONE SEDE PIANA FILETTO M





- STRAIGHT MALE UNION CONNECTOR
- DURCHGANGSVERSCHRAUBUNG MIT AUSSENGEWINDE
- RACCORD UNION FILETÉ
- RÁCOR 3 PIEZAS ROSCADO MACHO

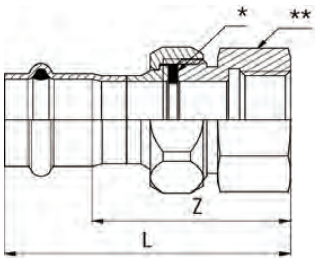
MATERIAL: AISI 316L – 1.4404
FITTING: (**): ottone - brass - Messing - laiton - latón
O-RING: EPDM nero - black - Schwarz - noir - negro
GASKET: (*): EPDM nero - black - Schwarz - noir - negro
THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x R mm x inch	L mm	Z mm	Gasket mm	g			€
184015002U	15 x 1/2"	78,5	56,5	24x14 thk 2,5	150	2	120	**43,80**
184018002U	18 x 1/2"	79	57	24x14 thk 2,5	150	2	120	**49,87**
184022002U	22 x 3/4"	83,5	59,5	30x20 thk 2,5	221	2	80	**51,36**
184028002U	28 x 1"	91,5	67,5	39x27 thk 2,5	391	2	50	**87,58**
184035002U	35 x 1"1/4	101	73	44,5x34 thk 2,5	582	2	30	**111,75**
184042002U	42 x 1"1/2	110,5	74,5	50,5x40 thk 2,5	629	2	30	**128,35**
184054002U	54 x 2"	123	82	65,5x53,5 thk 3	1182	2	16	**220,44**

B 10 22

184/003 U

BOCCHETTONE SEDE PIANA FILETTO F





- STRAIGHT FEMALE UNION CONNECTOR
- DURCHGANGSVERSCHRAUBUNG MIT INNENGEWINDE
- RACCORD UNION TARAUDÉ
- RÁCOR 3 PIEZAS HEMBRA

MATERIAL: AISI 316L – 1.4404
FITTING: (**): ottone - brass - Messing - laiton - latón
O-RING: EPDM nero - black - Schwarz - noir - negro
GASKET: (*): EPDM nero - black - Schwarz - noir - negro
THREAD: EN 10226-1 (ex ISO 7/1)

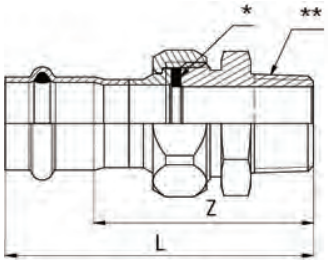
CODE	De x Rp mm x inch	L mm	Z mm	Gasket mm	g			€
184015003U	15 x 1/2"	73	51	24x14 thk 2,5	155	2	120	**43,80**
184018003U	18 x 1/2"	73,5	51,5	24x14 thk 2,5	155	2	120	**52,80**
184022003U	22 x 3/4"	78,5	54,5	30x20 thk 2,5	229	2	80	**57,39**
184028003U	28 x 1"	84	60	39x27 thk 2,5	438	2	40	**75,53**
184035003U	35 x 1"1/4	93	65	44,5x34 thk 2,5	538	2	30	**93,64**
184042003U	42 x 1"1/2	102,5	66,5	50,5x40 thk 2,5	597	2	30	**116,35**
184054003U	54 x 2"	121	80	65,5x53,5 thk 3	1192	2	16	**221,94**

B 10 22

184/002 INOX U

BOCCHETTONE SEDE PIANA FILETTO M

- STRAIGHT MALE UNION CONNECTOR
- DURCHGANGSVERSCHRAUBUNG MIT AUSSENGEWINDE
- RACCORD UNION FILETÉ
- RÁCOR 3 PIEZAS ROSCADO MACHO





MATERIAL: AISI 316L – 1.4404
FITTING: (**): AISI 316L – 1.4404
O-RING: EPDM nero - black - Schwarz - noir - negro
GASKET: (*): EPDM nero - black - Schwarz - noir - negro
THREAD: EN 10226-1 (ex ISO 7/1)

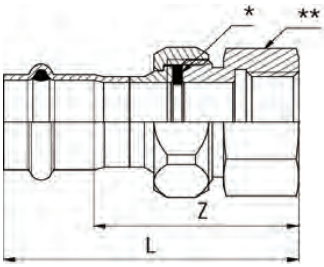
CODE	De x R mm x inch	L mm	Z mm	Gasket mm	g			€
184015002IU	15 x 1/2"	78,5	56,5	24x14 thk 2,5	145	2	120	**54,76**
184018002IU	18 x 1/2"	79	57	24x14 thk 2,5	146	2	120	**62,33**
184022002IU	22 x 3/4"	83,5	59,5	30x20 thk 2,5	214	2	80	**65,78**
184028002IU	28 x 1"	91,5	67,5	39x27 thk 2,5	377	2	50	**109,49**
184035002IU	35 x 1"1/4	101	73	44,5x34 thk 2,5	559	2	30	**139,70**
184042002IU	42 x 1"1/2	110,5	74,5	44,5x34 thk 2,5	558	2	30	**147,62**
184054002IU	54 x 2"	118	79	56x42 thk 2,5	890	2	16	**253,55**

B 10 22

184/003 INOX U

BOCCHETTONE SEDE PIANA FILETTO F

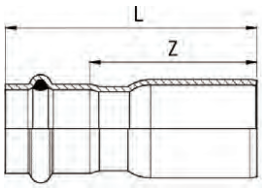
- STRAIGHT FEMALE UNION CONNECTOR
- DURCHGANGSVERSCHRAUBUNG MIT INNENGEWINDE
- RACCORD UNION TARAUDÉ
- RÁCOR 3 PIEZAS HEMBRA





MATERIAL: AISI 316L – 1.4404
FITTING: (**): AISI 316L – 1.4404
O-RING: EPDM nero - black - Schwarz - noir - negro
GASKET: (*): EPDM nero - black - Schwarz - noir - negro
THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x Rp mm x inch	L mm	Z mm	Gasket mm	g			€
184015003IU	15 x 1/2"	73	51	24x14 thk 2,5	150	2	120	**54,76**
184018003IU	18 x 1/2"	73,5	51,5	24x14 thk 2,5	151	2	120	**66,00**
184022003IU	22 x 3/4"	78,5	54,5	30x20 thk 2,5	221	2	80	**72,82**
184028003IU	28 x 1"	84	60	39x27 thk 2,5	422	2	40	**94,37**
184035003IU	35 x 1"1/4	93	65	44,5x34 thk 2,5	519	2	30	**117,06**
184042003IU	42 x 1"1/2	102,5	66,5	44,5x34 thk 2,5	504	2	30	**133,79**
184054003IU	54 x 2"	123	82	56x42 thk 2,5	921	2	16	**255,29**





191 U

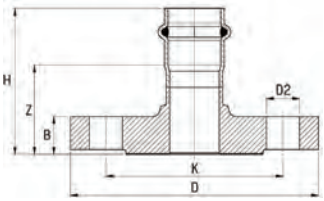
≤54 B 10 22
76÷108 B 10 12

RIDUZIONE MF

- REDUCER
- REDUZIERSTÜCK
- REDUCTION
- REDUCCIÓN MH

MATERIAL: AISI 316L – 1.4404
O-RING: EPDM nero - black - Schwarz - noir - negro

CODE	De mm	L mm	Z mm	g			€
191018015U	18 x 15	62,5	40,5	42	20	300	10,84
191022015U	22 x 15	78	56	58	20	200	11,88
191022018U	22 x 18	68,5	46,5	55	20	300	12,27
191028015U	28 x 15	78,5	56,5	66	20	200	15,39
191028018U	28 x 18	75	53	69	20	200	14,35
191028022U	28 x 22	71,5	47,5	71	20	200	14,30
191035015U	35 x 15	89	67	103	10	100	49,20
191035018U	35 x 18	89	67	95	10	100	49,80
191035022U	35 x 22	85,5	61,5	98	10	100	41,90
191035028U	35 x 28	79,5	55,5	101	10	80	32,44
191042022U	42 x 22	99,5	75,5	128	4	80	52,85
191042028U	42 x 28	103	79	148	4	80	54,02
191042035U	42 x 35	95	67	147	4	40	35,19
191054028U	54 x 28	110	86	183	4	40	61,94
191054035U	54 x 35	113,5	85,5	204	4	40	77,13
191054042U	54 x 42	111	75	217	4	32	37,50
191076042U	76,1 x 42	155	119	482	4	4	108,54
191076054U	76,1 x 54	164	123	539	4	4	110,95
191088054U	88,9 x 54	184	146	693	4	4	120,68
191108054U	108 x 54	190	149	841	2	2	130,07





B 10 22

193/000 U

MANICOTTO FLANGIATO

- ADAPTOR FLANGE
- ÜBERGANGSFLANSCH
- BRIDE DE RACCORDEMENT
- BRIDA ADAPTADOR

PN 16

MATERIAL: AISI 316L – 1.4404
O-RING: EPDM nero - black - Schwarz - noir - negro

CODE	De mm	DN flg	H mm	Z mm	B mm	D mm	D2 mm	Holes Nr.	K mm	g			€
193022000U	22	20	61,5	37,5	16	105	14	4	75	946	2	14	118,73
193028000U	28	25	63	39	16	115	14	4	85	1140	2	10	145,15
193035000U	35	32	65,5	37,5	16	140	18	4	100	1642	2	6	204,92
193042000U	42	40	75	39	16	150	18	4	110	1814	2	6	240,33
193054000U	54	50	82,5	41,5	18	165	18	4	125	2467	2	4	296,39

Campi di applicazione / Fields of application

inoxPRES® UNIKO® 304L

Riscaldamento
Heating

Raffrescamento
Cooling

Acque di processo
Process water

BAR

Aria compressa
Compressed air

Antincendio
Fire protection systems

inoxPRES® UNIKO® 304L **O-ring EPDM**

Nero | Black | Schwarz | Noir | Negro



B 30 34



I prezzi dei tubi sono validi fino a nuova comunicazione.
Pipe prices are valid until new update.
Die Rohrpreise gelten bis auf weiteres .
Les prix des tubes sont valables jusqu'à nouvelle communication.
Los precios de las tuberías son válidos hasta nueva comunicación.

114/200 6 m

TUBO IN ACCIAIO INOSSIDABILE

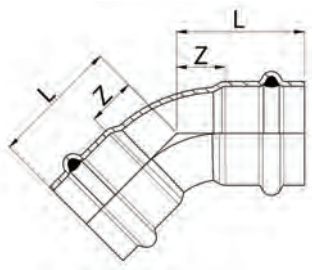
- STAINLESS STEEL PIPE
- EDELSTAHL ROHR
- TUBE EN ACIER INOXYDABLE
- TUBO DE ACERO INOXIDABLE

NORM: EN 10217-7 (DIN 17455) – EN 10312
NOTE: Paese Italia – conforme al DM 174 per veicolazione acqua potabile;
Italy country – according to DM 174 for drinking water transport;

Mat. Nr.: 1.4307 (AISI 304L) L=6 m
Crudo - Not annealed - Ungeglüht - Non-hypertrempé - Crudo

CODE	Dimensions mm x mm	⌀ int mm	L m	kg/m	Volume l/m	Minimum package m	Bundle m	€/m
114015200	15 x 1,0	13	6	0,351	0,133	60	1014	**11,86**
114018200	18 x 1,0	16	6	0,426	0,201	60	1014	**13,98**
114022200	22 x 1,2	19,6	6	0,625	0,302	60	762	**19,72**
114028200	28 x 1,2	25,6	6	0,805	0,514	30	546	**25,38**
114035200	35 x 1,5	32	6	1,258	0,804	30	546	**38,31**
114042200	42 x 1,5	39	6	1,521	1,194	30	366	**47,14**
114054200	54 x 1,5	51	6	1,972	2,042	30	366	**62,42**

B 10 23





181/450 UNW

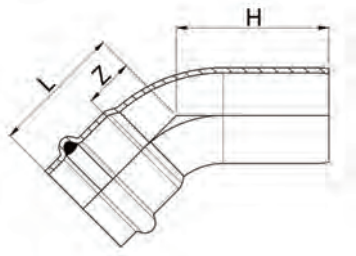
CURVA 45° FF

- 45° ELBOW FF
- BOGEN 45° II
- COUDE FF 45°
- CURVA 45° HH

MATERIAL: AISI 304L – 1.4307
O-RING: EPDM nero - black - Schwarz - noir - negro

CODE	De mm	Radius	L mm	Z mm	g			€
181015450CUNW	15	1,2 De	29,5	7,5	42	20	300	**13,56**
181018450CUNW	18	1,2 De	31,5	9,5	50	20	300	**14,99**
181022450CUNW	22	1,2 De	34	10	67	20	100	**17,41**
181028450CUNW	28	1,2 De	39	15	96	10	100	**20,95**
181035450UNW	35	1,2 De	47,5	19,5	140	10	60	**23,87**
181042450UNW	42	1,2 De	59	23	212	4	32	**38,64**
181054450UNW	54	1,2 De	69	28	308	2	20	**49,60**

B 10 23





181/451 UNW

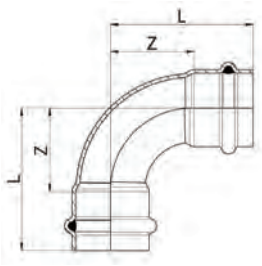
CURVA 45° MF

- 45° ELBOW MF
- BOGEN 45° IA
- COUDE MF 45°
- CURVA 45° HM

MATERIAL: AISI 304L – 1.4307
O-RING: EPDM nero - black - Schwarz - noir - negro

CODE	De mm	Radius	L mm	H mm	Z mm	g			€
181015451CUNW	15	1,2 De	29,5	36,5	7,5	39	20	300	**13,56**
181018451CUNW	18	1,2 De	31,5	38	9,5	48	20	300	**14,50**
181022451CUNW	22	1,2 De	34	42	10	65	20	100	**16,41**
181028451CUNW	28	1,2 De	39	45	15	92	10	100	**19,54**
181035451UNW	35	1,2 De	47,5	57,5	19,5	141	10	60	**22,23**
181042451UNW	42	1,2 De	59	72	23	213	4	40	**37,18**
181054451UNW	54	1,2 De	69	78	28	305	2	20	**47,70**

B 10 23





181/900 UNW

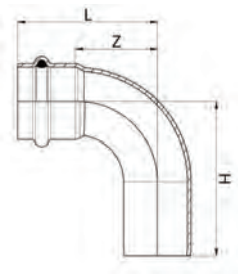
CURVA 90° FF

- 90° ELBOW FF
- BOGEN 90° II
- COUDE FF 90°
- CURVA 90° HH

MATERIAL: AISI 304L – 1.4307
O-RING: EPDM nero - black - Schwarz - noir - negro

CODE	De mm	Radius	L mm	Z mm	g			€
181015900CUNW	15	1,2 De	40	18	49	20	300	**10,33**
181018900CUNW	18	1,2 De	42	20	60	20	200	**11,84**
181022900CUNW	22	1,2 De	49	25	83	10	100	**14,32**
181028900CUNW	28	1,2 De	58	34	122	10	100	**19,00**
181035900UNW	35	1,2 De	72	44	181	5	50	**29,69**
181042900UNW	42	1,2 De	88	52	273	2	30	**50,96**
181054900UNW	54	1,2 De	107	66	409	2	16	**71,10**

B 10 23





181/901 UNW

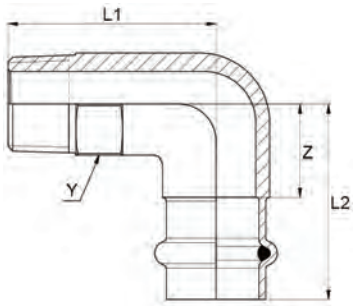
CURVA 90° MF

- 90° ELBOW MF
- BOGEN 90° IA
- COUDE MF 90°
- CURVA 90° HM

MATERIAL: AISI 304L – 1.4307
O-RING: EPDM nero - black - Schwarz - noir - negro

CODE	De mm	Radius	L mm	H mm	Z mm	g			€
181015901CUNW	15	1,2 De	40	41	18	43	20	300	**10,84**
181018901CUNW	18	1,2 De	42	44	20	54	20	200	**12,30**
181022901CUNW	22	1,2 De	49	51	25	76	10	100	**14,78**
181028901CUNW	28	1,2 De	58	58	34	111	10	100	**18,50**
181035901UNW	35	1,2 De	72	82	44	182	5	50	**27,19**
181042901UNW	42	1,2 De	88	100	52	272	2	30	**49,35**
181054901UNW	54	1,2 De	107	120	66	414	2	16	**71,50**

B 10 23





197 UNW

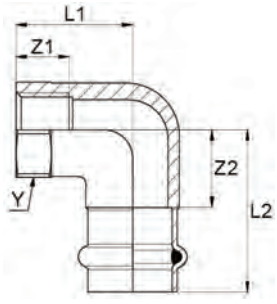
GOMITO MISTO 90° FILETTO M

- ELBOW ADAPTER 90° WITH MALE THREAD
- ÜBERGANGSWINKEL 90° AG
- EQUERRE 90° AVEC FILETAGE M
- CODO MACHO

MATERIAL: AISI 304L – 1.4307
O-RING: EPDM nero - black - Schwarz - noir - negro
THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x R mm x inch	L1 mm	L2 mm	Z mm	Y mm	g			€
197102015UNW	15 x 1/2"	44,5	42	20	22	116	10	150	21,09
197102018UNW	18 x 1/2"	44,5	42	20	22	124	10	150	24,13

B 10 23





198 UNW

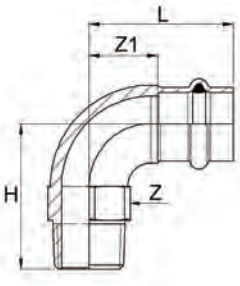
GOMITO MISTO 90° FILETTO F

- ELBOW ADAPTER 90° WITH FEMALE THREAD
- ÜBERGANGSWINKEL 90° IG
- EQUERRE 90° AVEC FILETAGE F
- CODO HEMBRA

MATERIAL: AISI 304L – 1.4307
O-RING: EPDM nero - black - Schwarz - noir - negro
THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x Rp mm x inch	L1 mm	L2 mm	Z1 mm	Z2 mm	Y mm	g			€
198102015UNW	15 x 1/2"	33	44	15	22	27	129	10	150	22,25
198102018UNW	18 x 1/2"	33	44	15	22	27	137	10	150	25,57
198102022UNW	22 x 1/2"	33	46	15	22	27	148	10	100	28,52
198304022UNW	22 x 3/4"	38	46	19	22	30	155	10	100	31,22
198100028UNW	28 x 1"	48	51	21	27	40	349	5	50	40,72

B 10 23





186/M UNW

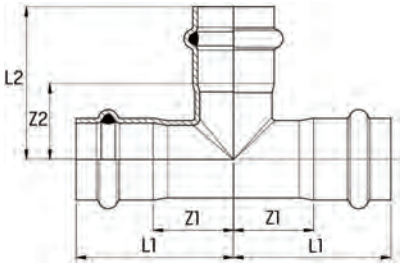
CURVA FILETTATA 90° FILETTO M

- 90° ELBOW MALE BSP
- BOGEN 90° MIT AG
- COUDE 90° AVEC FILETAGE M
- CODO A 90° MH

MATERIAL: AISI 304L – 1.4307
O-RING: EPDM nero - black - Schwarz - noir - negro
THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x R mm x inch	L mm	H mm	Z mm	Z1 mm	g			€
186102015CUNW	15 x 1/2"	39	39	22	17	87	20	300	31,66
186102018CUNW	18 x 1/2"	42	42	24	20	105	20	200	33,19
186304022CUNW	22 x 3/4"	47	49	28	24	153	10	100	38,80
186100028CUNW	28 x 1"	54	63	36	30	275	10	50	45,99

B 10 23





182 UNW

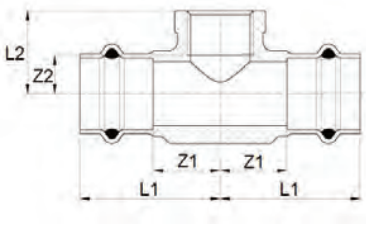
"T"

- EQUAL TEE
- T-STÜCK
- TÉ ÉGAL
- TE IGUAL HHH

MATERIAL: AISI 304L – 1.4307
O-RING: EPDM nero - black - Schwarz - noir - negro

CODE	De mm	L1 mm	L2 mm	Z1 mm	Z2 mm	g			€
182015000UNW	15	43	41	21	19	81	20	200	**18,61**
182018000UNW	18	45	43	23	21	97	20	100	**21,41**
182022000UNW	22	49	47,5	25	23,5	128	10	80	**22,50**
182028000UNW	28	52	51,5	28	27,5	168	5	50	**27,04**
182035000UNW	35	62	58,5	34	30,5	236	4	32	**33,74**
182042000UNW	42	75	70,5	39	34,5	352	4	20	**47,71**
182054000UNW	54	89	83,5	48.	42,5	516	2	12	**56,91**

B 10 23





189 UNW

"T" CON DERIVAZIONE FILETTO F

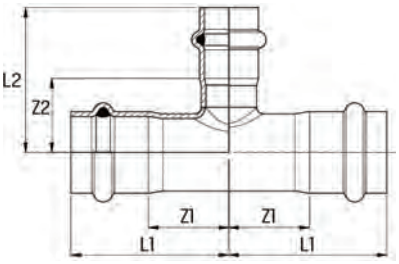
- BRANCH TEE FEMALE BSP OUTLET
- T-STÜCK MIT ABGANG IG
- TÉ MIXTE AVEC FILETAGE F
- TE HEMBRA ROSCADA

MATERIAL: AISI 304L – 1.4307
O-RING: EPDM nero - black - Schwarz - noir - negro
THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x Rp x De mm x inch x mm	L1 mm	L2 mm	Z1 mm	Z2 mm	g			€
189102015UNW*	15 x 1/2" x 15	38,5	22,5	16,5	8,5	120	20	100	**20,57**
189102018UNW*	18 x 1/2" x 18	38	24	16	10	132	20	100	**21,11**
189102022UNW*	22 x 1/2" x 22	41	26	18	12	164	10	100	**22,58**
189304022UNW*	22 x 3/4" x 22	43,5	30	20,5	14	189	10	100	**25,76**
189102028UNW*	28 x 1/2" x 28	42	29	18	15	203	10	50	**24,83**
189304028UNW*	28 x 3/4" x 28	45	30	21	14	226	10	50	**29,51**
189100028UNW*	28 x 1" x 28	45	34	21	16	271	5	50	**46,69**
189102035UNW	35 x 1/2" x 35	62	50	34	35	231	5	40	**29,76**
189102042UNW	42 x 1/2" x 42	75	53,5	39	38,5	319	4	20	**36,08**
189102054UNW	54 x 1/2" x 54	89	61	48	46	448	2	14	**44,54**

(*) senza saldatura - seamless - nahtlos - sans soudure - sin soldadura

B 10 23





192 UNW

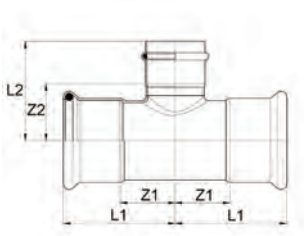
"T" RIDOTTO

- REDUCING TEE
- T-STÜCK MIT REDUZIERTEM ABGANG
- TÉ RÉDUIT
- TE REDUCIDA HHH

MATERIAL: AISI 304L – 1.4307
O-RING: EPDM nero - black - Schwarz - noir - negro

CODE	De mm	L1 mm	L2 mm	Z1 mm	Z2 mm	g			€
192018015UNW	18 x 15 x 18	45	42,5	23	20,5	94	20	100	18,38
192022015UNW	22 x 15 x 22	49	45	25	23	116	10	100	19,27
192022018UNW	22 x 18 x 22	49	45,5	25	23,5	119	10	100	20,26
192028015UNW	28 x 15 x 28	52	47,5	28	25,5	148	10	50	22,47
192028018UNW	28 x 18 x 28	52	48	28	26	152	10	50	23,51
192028022UNW	28 x 22 x 28	52	50	28	26	158	10	50	25,07
192035015UNW	35 x 15 x 35	62	51	34	29	204	5	35	29,25
192035018UNW	35 x 18 x 35	62	51,5	34	29,5	207	5	35	29,64
192035022UNW	35 x 22 x 35	62	53,5	34	29,5	214	5	35	30,60
192035028UNW	35 x 28 x 35	62	55	34	31	224	5	35	31,82
192042018UNW	42 x 18 x 42	75	55	39	33	295	4	20	42,33
192042022UNW	42 x 22 x 42	75	57	39	33	301	4	20	43,82
192042028UNW	42 x 28 x 42	75	58,5	39	34,5	311	4	20	44,80
192042035UNW	42 x 35 x 42	75	61	39	33	322	4	20	45,84
192054022UNW	54 x 22 x 54	89	64,5	48	40,5	431	2	16	48,33
192054028UNW	54 x 28 x 54	89	66	48	42	440	2	16	50,33
192054035UNW	54 x 35 x 54	89	68,5	48	40,5	451	2	16	51,33
192054042UNW	54 x 42 x 54	89	78	48	42	480	2	16	55,01

B 10 33





192 M_UNW

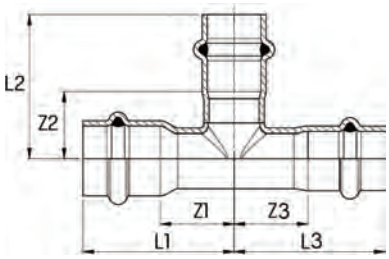
"T" RIDOTTO

- REDUCING TEE
- T-STÜCK MIT REDUZIERTEM ABGANG
- TÉ RÉDUIT
- TE REDUCIDA HHH

MATERIAL: AISI 304L – 1.4307
O-RING: EPDM nero - black - Schwarz - noir - negro

CODE	De mm	L1 mm	L2 mm	Z1 mm	Z2 mm	g			€
192076028UNW	76,1 x 28 x 76,1	108	78	53	54	964	2	2	257,65
192076035UNW	76,1 x 35 x 76,1	108	80,5	53	52,5	975	2	2	277,02
192076042UNW	76,1 x 42 x 76,1	108	90	53	54	1004	2	2	298,88
192076054UNW	76,1 x 54 x 76,1	108	95,5	53	54,5	1034	2	2	318,25
192088028UNW	88,9 x 28 x 88,9	132	95,5	72	61,5	1329	2	2	267,33
192088054UNW	88,9 x 54 x 88,9	132	103	72	62	1398	2	2	325,76
192108054UNW	108 x 54 x 108	155	112,5	80	71,5	1990	2	2	354,60

B 10 23





192/L UNW

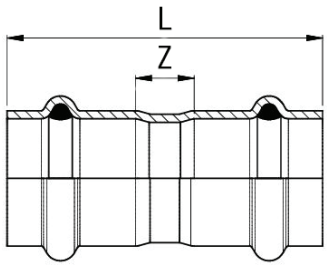
"T" RIDOTTO

- REDUCING TEE
- T-STÜCK MIT REDUZIERTEM ABGANG
- TÉ RÉDUIT
- TE REDUCIDA HHH

MATERIAL: AISI 304L – 1.4307
O-RING: EPDM nero - black - Schwarz - noir - negro

CODE	De mm	L1 mm	L2 mm	L3 mm	Z1 mm	Z2 mm	Z3 mm	g			€
192181515UNW	18 x 15 x 15	43	43	41	21	21	19	85	20	100	**22,61**

B 10 23





183/000 UNW

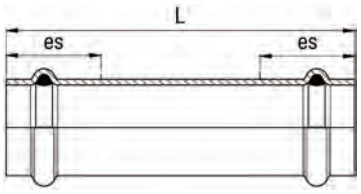
MANICOTTO

- COUPLING
- MUFFE
- MANCHON
- MANGUITO HH

MATERIAL: AISI 304L – 1.4307
O-RING: EPDM nero - black - Schwarz - noir - negro

CODE	De mm	L mm	Z mm	g			€
183015000UNW	15	57	13	42	20	400	**6,99**
183018000UNW	18	57	13	49	20	300	**7,97**
183022000UNW	22	59	11	61	20	200	**9,16**
183028000UNW	28	61	13	81	10	150	**10,46**
183035000UNW	35	70	14	111	10	80	**13,28**
183042000UNW	42	84	12	164	4	40	**17,97**
183054000UNW	54	92	10	223	2	24	**22,26**

B 10 23





183/001 UNW

MANICOTTO PASSANTE

- SLIP COUPLING
- SCHIEBEMUFFE
- MANCHON LONG
- MANGUITO SIN TOPE

MATERIAL: AISI 304L – 1.4307
O-RING: EPDM nero - black - Schwarz - noir - negro

CODE	De mm	L mm	es mm	g			€
183015001UNW	15	82	25	58	20	200	**13,84**
183018001UNW	18	86	25	71	20	200	**14,48**
183022001UNW	22	92	25	91	20	100	**16,78**
183028001UNW	28	101	30	126	10	80	**21,02**
183035001UNW	35	119	30	179	5	50	**27,01**
183042001UNW	42	135	40	248	4	40	**33,66**
183054001UNW	54	158	45	362	2	20	**46,46**

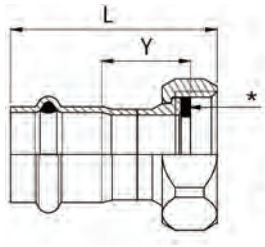
B 10 23

183/002 UNW

MANICOTTO CON DADO FOLLE

- VALVE CONNECTOR
- ANSCHLUSSVERSCHRAUBUNG
- RACCORD ÉCROU LIBRE
- RÁCOR DOS PIEZAS

MATERIAL: AISI 304L – 1.4307
O-RING: EPDM nero - black - Schwarz - noir - negro
GASKET: (*): EPDM nero - black - Schwarz - noir - negro
THREAD: ISO 228/1 (ex DIN 259)





CODE	De x G mm x inch	L mm	Z mm	Y mm	Gasket mm	g			€
183015002UNW	15 x 3/4"	51,5	30	23	24x14 thk 2,5	72	10	250	20,70
183018012UNW	18 x 1/2"	50	27	22,5	18x10 thk 2,5	77	10	250	22,67
183018002UNW	18 x 3/4"	52	30	23,5	24x14 thk 2,5	73	10	250	22,69
183022012UNW	22 x 3/4"	52,5	30	22	24x14 thk 2,5	79	10	200	26,61
183022002UNW	22 x 1"	54,5	36	23,5	30x20 thk 2,5	98	10	200	26,61
183028012UNW	28 x 1"	53,5	36	22,5	30x20 thk 2,5	106	10	150	33,03
183028002UNW	28 x 1"1/4	57,5	46	25	39x27 thk 2,5	153	10	120	33,03
183035002UNW	35 x 1"1/2	63	52	27	44,5x34 thk 2,5	202	4	60	37,47

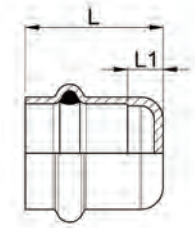
B 10 23

183/003 UNW

TAPPO DI CHIUSURA

- STOP END
- VERSCHLUSSKAPPE
- BOUCHON D'OBTURATION
- TAPÓN

MATERIAL: AISI 304L – 1.4307
O-RING: EPDM nero - black - Schwarz - noir - negro





CODE	De mm	L mm	L1 mm	g			€
183015003UNW	15	30	8	25	20	500	9,91
183018003UNW	18	30	8	30	20	300	10,31
183022003UNW	22	31	8	38	10	200	11,96
183028003UNW	28	32	8	52	10	150	16,52
183035003UNW	35	34	6	68	5	100	20,16
183042003UNW	42	42	6	98	4	80	28,90
183054003UNW	54	46	6	137	4	40	33,75

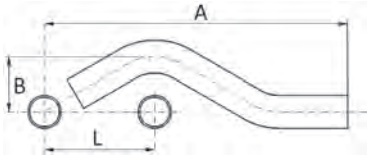
B 10 23

179 NW

"S" DI SCAVALCAMENTO MM

- PIPE BRIDGE
- SPRUNGBOGEN
- "S" DE CHEVAUCHEMENT MALE
- "S" DE SUPERPOSICIÒN MM

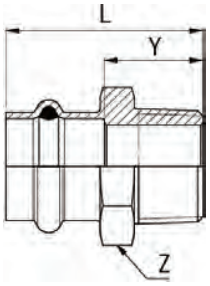
MATERIAL: AISI 304L – 1.4307





CODE	De mm	L mm	A mm	B mm	g			€
179015000NW	15	57	158	30	54	10	150	15,59
179018000NW	18	60	166	31	74	10	100	16,24

B 10 23





187 UNW

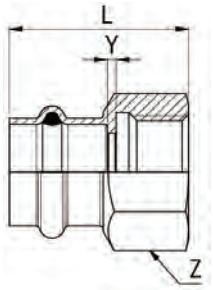
MANICOTTO MISTO FILETTO M

- MALE ADAPTER
- ÜBERGANGSSTÜCK MIT AG
- RACCORD AVEC FILETAGE MALE
- UNIÓN MACHO

MATERIAL: AISI 304L – 1.4307
O-RING: EPDM nero - black - Schwarz - noir - negro
THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x R mm x inch	L mm	Z mm	Y mm	g			€
187102015UNW	15 x 1/2"	42	24	21	60	20	300	**17,76**
187304015UNW	15 x 3/4"	45	30	24	111	10	200	**18,02**
187102018UNW	18 x 1/2"	42	27	21	62	20	300	**19,31**
187304018UNW	18 x 3/4"	45	30	24	102	20	200	**20,16**
187102022UNW	22 x 1/2"	46	32	24	97	10	200	**20,99**
187304022UNW	22 x 3/4"	46	32	24	94	10	200	**21,74**
187100022UNW	22 x 1"	49	36	27	164	10	100	**25,85**
187304028UNW	28 x 3/4"	48	38	25	126	10	100	**29,61**
187100028UNW	28 x 1"	50	38	27	138	10	100	**33,95**
187114028UNW	28 x 1"1/4	54	46	31	276	10	60	**39,20**
187100035UNW	35 x 1"	54	45	27	182	5	100	**35,77**
187114035UNW	35 x 1"1/4	58	46	31	214	5	50	**41,57**
187112035UNW	35 x 1"1/2	58	50	31	311	4	60	**49,01**
187114042UNW	42 x 1"1/4	65	54	31	279	4	40	**55,69**
187112042UNW	42 x 1"1/2	65	54	31	276	4	40	**60,39**
187112054UNW	54 x 1"1/2	73	67	34	460	4	32	**70,09**
187200054UNW	54 x 2"	78	67	39	449	4	32	**75,09**

B 10 23





190 UNW

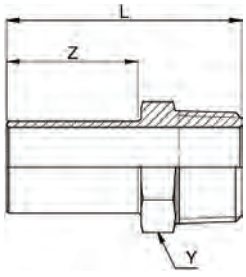
MANICOTTO MISTO FILETTO F

- FEMALE ADAPTER
- ÜBERGANGSSTÜCK MIT IG
- RACCORD AVEC FILETAGE FEMELLE
- UNIÓN HEMBRA

MATERIAL: AISI 304L – 1.4307
O-RING: EPDM nero - black - Schwarz - noir - negro
THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x Rp mm x inch	L mm	Z mm	Y mm	g			€
190102015UNW	15 x 1/2"	40	27	2	69	20	240	**19,12**
190304015UNW	15 x 3/4"	41	32	2	84	20	240	**19,93**
190102018UNW	18 x 1/2"	40	27	2	72	20	240	**20,16**
190304018UNW	18 x 3/4"	41	32	2	86	10	200	**21,10**
190102022UNW	22 x 1/2"	40	32	2	106	10	200	**21,40**
190304022UNW	22 x 3/4"	42	32	2	88	10	150	**25,09**
190100022UNW	22 x 1"	46	41	2	162	10	100	**29,65**
190304028UNW	28 x 3/4"	42	38	2	135	10	100	**28,75**
190100028UNW	28 x 1"	47	41	2	163	10	100	**39,38**
190114028UNW	28 x 1"1/4	49	46	2	169	10	100	**43,71**
190100035UNW	35 x 1"	51	46	2	230	5	80	**37,86**
190114035UNW	35 x 1"1/4	54	46	2	180	5	50	**42,98**
190114042UNW	42 x 1"1/4	60	55	2	334	4	40	**48,59**
190112042UNW	42 x 1"1/2	60	55	2	275	4	40	**67,01**
190112054UNW	54 x 1"1/2	63	67	1	491	4	32	**72,97**
190200054UNW	54 x 2"	70	67	2	418	4	20	**99,79**

B 10 23





269/M NW

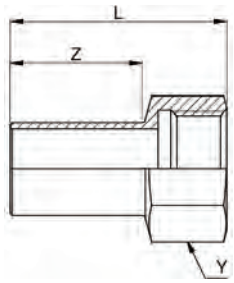
MANICOTTO CON INSERIMENTO FILETTO M

- MALE REDUCTION SOCKET
- ÜBERGANG AUSSENGEWINDE MIT EINSCHUBENDE
- MANCHON DE RÉDUCTION FILETÉ
- ADAPTADOR MACHO

MATERIAL: AISI 304L – 1.4307
THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x R mm x inch	L mm	Z mm	Y mm	g			€
269102115NW	15 x 1/2"	52	31	22	55	20	300	**16,49**
269102118NW	18 x 1/2"	52	31	22	50	20	300	**18,03**
269304122NW	22 x 3/4"	56	32	27	80	10	200	**20,30**
269100128NW	28 x 1"	64	37	38	145	10	100	**27,85**

B 10 23





269/F NW

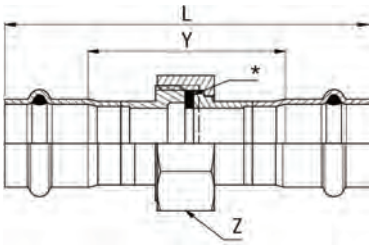
MANICOTTO CON INSERIMENTO FILETTO F

- FEMALE REDUCTION SOCKET
- ÜBERGANG INNENGEWINDE MIT EINSCHUBENDE
- MANCHON DE RÉDUCTION AVEC TARAUDAGE
- ADAPTADOR HEMBRA

MATERIAL: AISI 304L – 1.4307
THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x Rp mm x inch	L mm	Z mm	Y mm	g			€
269102015NW	15 x 1/2"	52	31	24	55	20	300	**17,99**
269102018NW	18 x 1/2"	52	31	24	56	20	200	**18,93**
269102022NW	22 x 1/2"	52	32	24	65	10	200	**19,98**
269304022NW	22 x 3/4"	52	32	30	70	10	200	**23,62**
269304028NW	28 x 3/4"	57	37	30	76	10	150	**25,50**
269100028NW	28 x 1"	57	35	36	104	10	100	**38,24**

B 10 23





184/001 UNW

BOCCHETTONE SEDE PIANA

- FLAT FACED UNION
- DURCHGANGSVERSCHRAUBUNG MIT PRESSENDEN FLACHDICHTEND
- ÉLÉMENT DE TRANSITION FILTÉ PLAT AVEC MANCHONS DES 2 CÔTES
- RÁCOR 3 PIEZAS PLANO

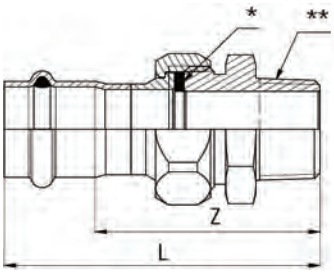
MATERIAL: AISI 304L – 1.4307
O-RING: EPDM nero – black – Schwarz – noir – negro
GASKET: (*): EPDM nero – black – Schwarz – noir – negro

CODE	De mm	L mm	Y mm	Z mm	Gasket mm	g			€
184015001UNW	15	100	56	34	24x14 thk 2,5	162	10	100	**39,25**
184018001UNW	18	101	57	39	30x20 thk 2,5	207	10	100	**46,47**
184022001UNW	22	105	57	39	30x20 thk 2,5	219	10	80	**52,11**
184028001UNW	28	120	72	58	47,5x37 thk 2,5	498	5	30	**67,65**
184035001UNW	35	127,5	71,5	67	56x42 thk 2,5	661	4	20	**85,38**
184042001UNW	42	152	80	77	66x56 thk 2,5	875	2	20	**105,83**
184054001UNW	54	165,5	83,5	90	79,5x69 thk 2,5	1250	2	10	**199,97**

B 10 23

184/002 UNW

BOCCHETTONE SEDE PIANA FILETTO M





- STRAIGHT MALE UNION CONNECTOR
- DURCHGANGSVERSCHRAUBUNG MIT AUSSENGEWINDE
- RACCORD UNION FILETÉ
- RÁCOR 3 PIEZAS ROSCADO MACHO

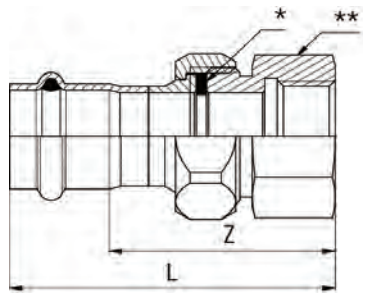
MATERIAL: AISI 304L – 1.4307
FITTING: (**): ottone - brass - Messing - laiton - latón
O-RING: EPDM nero - black - Schwarz - noir - negro
GASKET: (*): EPDM nero - black - Schwarz - noir - negro
THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x R mm x inch	L mm	Z mm	Gasket mm	g			€
184015002UNW	15 x 1/2"	78,5	56,5	24x14 thk 2,5	150	2	120	**35,05**
184018002UNW	18 x 1/2"	79	57	24x14 thk 2,5	150	2	120	**39,90**
184022002UNW	22 x 3/4"	83,5	59,5	30x20 thk 2,5	221	2	80	**41,09**
184028002UNW	28 x 1"	91,5	67,5	39x27 thk 2,5	391	2	50	**70,06**
184035002UNW	35 x 1"1/4	101	73	44,5x34 thk 2,5	582	2	30	**89,40**
184042002UNW	42 x 1"1/2	110,5	74,5	50,5x40 thk 2,5	629	2	30	**102,68**
184054002UNW	54 x 2"	123	82	65,5x53,5 thk 2,5	1182	2	16	**176,34**

B 10 23

184/003 UNW

BOCCHETTONE SEDE PIANA FILETTO F

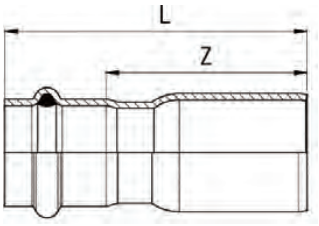




- STRAIGHT FEMALE UNION CONNECTOR
- DURCHGANGSVERSCHRAUBUNG MIT INNENGEWINDE
- RACCORD UNION TARAUDÉ
- RÁCOR 3 PIEZAS HEMBRA

MATERIAL: AISI 304L – 1.4307
FITTING: (**): ottone - brass - Messing - laiton - latón
O-RING: EPDM nero - black - Schwarz - noir - negro
GASKET: (*): EPDM nero - black - Schwarz - noir - negro
THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x Rp mm x inch	L mm	Z mm	Gasket mm	g			€
184015003UNW	15 x 1/2"	73	51	24x14 thk 2,5	155	2	120	**35,05**
184018003UNW	18 x 1/2"	73,5	51,5	24x14 thk 2,5	155	2	120	**42,24**
184022003UNW	22 x 3/4"	78,5	54,5	30x20 thk 2,5	229	2	80	**45,92**
184028003UNW	28 x 1"	84	60	39x27 thk 2,5	438	2	40	**60,43**
184035003UNW	35 x 1"1/4	93	65	44,5x34 thk 2,5	538	2	30	**74,92**
184042003UNW	42 x 1"1/2	102,5	66,5	50,5x40 thk 2,5	597	2	30	**93,07**
184054003UNW	54 x 2"	121	80	65,5x53,5 thk 2,5	1192	2	16	**177,55**





191 UNW

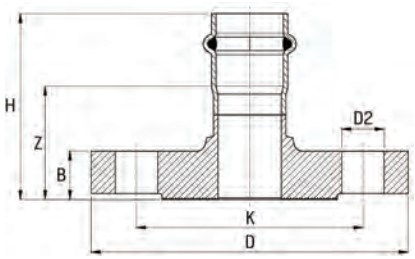
≤54 B 10 23
76÷108 B 10 33

RIDUZIONE MF

- REDUCER
- REDUZIERSTÜCK
- REDUCTION
- REDUCCIÓN MH

MATERIAL: AISI 304L – 1.4307
O-RING: EPDM nero – black – Schwarz – noir – negro

CODE	De mm	L mm	Z mm	g			€
191018015UNW	18 x 15	62,5	40,5	42	20	300	8,67
191022015UNW	22 x 15	78	56	58	20	300	9,50
191022018UNW	22 x 18	68,5	46,5	55	20	300	9,81
191028015UNW	28 x 15	78,5	56,5	66	20	200	12,30
191028018UNW	28 x 18	75	53	69	20	200	11,49
191028022UNW	28 x 22	71,5	47,5	71	20	200	11,43
191035015UNW	35 x 15	89	67	103	10	100	39,35
191035018UNW	35 x 18	89	67	95	10	100	39,84
191035022UNW	35 x 22	85,5	61,5	98	10	100	33,52
191035028UNW	35 x 28	79,5	55,5	101	10	80	25,96
191042022UNW	42 x 22	99,5	75,5	128	4	80	42,28
191042028UNW	42 x 28	103	79	148	4	80	43,21
191042035UNW	42 x 35	95	67	147	4	40	28,16
191054028UNW	54 x 28	110	86	183	4	40	49,55
191054035UNW	54 x 35	113,5	85,5	204	4	40	61,71
191054042UNW	54 x 42	111	75	217	4	32	30,00
191076042UNW	76,1 x 42	155	119	482	4	4	86,83
191076054UNW	76,1 x 54	164	123	539	4	4	88,75
191088054UNW	88,9 x 54	184	146	693	4	4	96,56
191108054UNW	108 x 54	190	149	841	2	2	104,06





B 10 23

193/000 UNW

MANICOTTO FLANGIATO

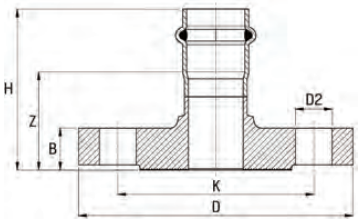
- ADAPTOR FLANGE
- ÜBERGANGSFLANSCH
- BRIDE DE RACCORDEMENT
- BRIDA ADAPTADOR

PN 16

MATERIAL: AISI 304L – 1.4307
O-RING: EPDM nero – black – Schwarz – noir – negro

CODE	De mm	DN flg	H mm	Z mm	B mm	D mm	D2 mm	Holes Nr.	K mm	g			€
193022000UNW	22	20	61,5	37,5	16	105	14	4	75	946	2	14	94,98
193028000UNW	28	25	63	39	16	115	14	4	85	1140	2	10	116,12
193035000UNW	35	32	65,5	37,5	16	140	18	4	100	1642	2	6	163,93
193042000UNW	42	40	75	39	16	150	18	4	110	1814	2	6	192,26
193054000UNW	54	50	82,5	41,5	16	165	18	4	125	2467	2	4	237,11

B 10 23





NEW

193/002 UNW

MANICOTTO FLANGIATO

- ADAPTOR FLANGE
- ÜBERGANGSFLANSCH
- BRIDE DE RACCORDEMENT
- BRIDA ADAPTADOR

MATERIAL: AISI 304L – 1.4307
O-RING: EPDM nero - black - Schwarz - noir - negro

PN 6

CODE	De mm	DN flg	H mm	Z mm	B mm	D mm	D2 mm	Holes Nr.	K mm	g			€
193035002UNW	35	32	63,5	35,5	14	120	14	4	90	1064	2	6	**141,96**
193042002UNW	42	40	73	37	14	130	14	4	100	1202	2	6	**166,50**
193054002UNW	54	50	78,5	37,5	14	140	14	4	110	1365	2	4	**205,34**

Certificazioni / Certifications

	DVGW	PRODUKTE DER WASSERVERSORGUNG	DW-8511DL0519	Ø 12 – 54 mm
	ICIM	RACCORDI A PRESSARE IN RAME E BRONZO / COPPER AND BRASS FITTINGS PRODOTTI E COMPONENTI UTILIZZATI A CONTATTO CON ACQUA POTABILE PRODUCT AND ELEMENTS IN CONTACT WITH DRINKING WATER	ICIM-CAP-009671-04	Ø 12 – 54 mm
		SSYSTÉM TRUBEK A LISOVACÍCH TVAROVEK Z MĚDI PIPES AND PRESS FITTINGS SYSTEMS MADE OF COPPER	202/C5/2023/B-00510-23	Ø 12 – 54 mm
	CSTBat QB	SYSTÈME DE CANALISATIONS MÉTALLIQUES	79-2330_V1	Ø 12 – 54 mm
	ACS	ATTESTATION DE CONFORMITE SANITAIRE – SYSTÈME AESPRES UNIKO	23 ACC LY 158	Ø 12 – 54 mm
	INSTITUT ZA VARILSTVO	STISLJIVI SPOJNI ELEMENTI ZA STROJNE INSTALACIJE	C2572/23	Ø 12 – 54 mm
	ÉMI	TUZVEDELMI MEGFELELŐSÉGÉRŐL	TMI - 3/2025	Ø 12 – 54 mm
		PRESSKOPPLINGAR TILLVERKADE AV KOPPAR	C901193	Ø 12 – 54 mm

Campi di applicazione / Fields of application

AES PRES UNIKO®

Acqua potabile
Potable water

Riscaldamento
Heating

Raffrescamento
Cooling

Solare termico con O-Ring FKM
Solar thermal with FKM O-Ring

BAR

Aria compressa
Compressed Air

Antincendio
Fire protection systems

AES PRES UNIKO® **O-ring EPDM**

Nero | Black | Schwarz | Noir | Negro



BIM
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SCOPRI LA GAMMA
AES PRES UNIKO
DISCOVER THE RANGE

RACCORDERIE METALLICHE

FOCUS ON

TUBO RAME PER AESPRES - AESPRES GAS / *AESPRES - AESPRES GAS COPPER PIPING*

Le tubazioni per impianti acqua e gas in rame, devono essere rispondenti alla norma UNI EN 1057:2010.
Rame e leghe di rame – Tubi rotondi di rame senza saldatura per acqua e gas nelle applicazioni sanitarie e di riscaldamento.
Piping for copper water and gas installation should comply with the standard EN 1057:2010, "Copper and copper alloys – Round tubes in copper without welding for water and gas in health-care and heating applications".

TABELLA 4: CARATTERISTICHE DEI TUBI DI RAME - EN 1057

Classe di resistenza *Resistance class*	Stato di fornitura	*Delivery condition*	ø (mm)
R220	Ricotto – Rotoli	*Annealed – Roll*	12 ÷ 22
R250	Semiduro – Barre	*Semi-hard – Bar*	12 ÷ 28
R290	Duro – Barre	*Hard – Bar*	12 ÷ 54

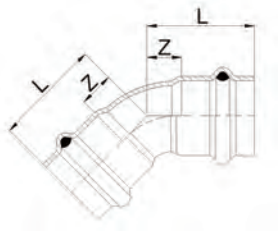
Classe di resistenza *Resistance class*	Resistenza minima alla trazione *Minimum traction resistance* Rm (MPa)	Allungamento minimo alla rottura *Minimum breaking elongation* (%)
R220	220	40
R250	250	20
R290	290	3

Le dimensioni dei tubi utilizzabili con i sistemi a pressare **Aespres** ed **Aespres Gas** sono esposte nella tabella sottostante.
*Tube sizes to be used with **Aespres** and **Aespres Gas** press fittings are included in the annexted table.*

DIMENSIONI DEI TUBI DI RAME - EN 1057 / DVGW GW 392
AESPRES PIPES DIMENSIONS AND CHARACTERISTICS - EN 1057 / DVGW GW 392

ø ESTERNO x SP. EXTERNAL ø x THK. mm	DN	ø INTERNO INTERNAL ø mm	MASSA MASS kg/m	CONTENUTO D'ACQUA WATER VOLUME l/m	STATO FORNITURA SUPPLIED CONDITION
12x1	10	10	0,309	0,079	Rotolo / Roll 25/50 m (R220) o / or Barra / Bar 5 m (R250 - R290)
14x1	12	12	0,366	0,113	
15x1	12	13	0,393	0,133	
16x1	14	14	0,422	0,154	
18x1	15	16	0,477	0,201	
22x1	20	20	0,589	0,314	
28x1,5	25	25	1,115	0,491	Barra / Bar 5 m (R250 - R290)
35x1,5	32	32	1,410	0,804	Barra / Bar 5 m (R290)
42x1,5	40	39	1,704	1,194	
54x2	50	50	2,918	1,963	

B 70 77





681/450 U

CURVA 45° FF

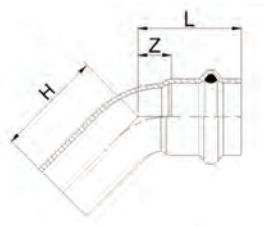
- 45° ELBOW FF
- BOGEN 45° II
- COUDE FF 45°
- CURVA 45° HH

MATERIAL: Cu-DHP99,9 - CW024A
O-RING: EPDM nero - black - Schwarz - noir - negro

	CODE	De mm	L mm	Z mm	g			€
	681012450U	12	24,5	6	29	10*	400	7,52
NEW	681014450U	14	27,5	5,5	37	10*	300	10,12
	681015450U	15	29	7	40	10*	300	7,52
NEW	681016450U	16	28	6	42	10*	300	10,85
	681018450U	18	30,5	8,5	49	10*	300	7,88
	681022450U	22	34	10	70	10*	100	9,77
	681028450U	28	36	12	93	5*	100	30,72
	681035450U	35	41	15	132	5*	60	44,21
	681042450U	42	53	17	211	2*	40	71,81
	681054450U	54	62	21	305	2*	20	100,56

(*) unità minima di vendita / minimum selling quantity

B 70 77





681/451 U

CURVA 45° MF

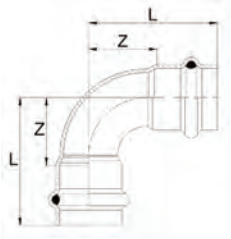
- 45° ELBOW MF
- BOGEN 45° IA
- COUDE MF 45°
- CURVA 45° HM

MATERIAL: Cu-DHP99,9 - CW024A
O-RING: EPDM nero - black - Schwarz - noir - negro

	CODE	De mm	L mm	H mm	Z mm	g			€
	681012451U	12	24,5	31	6	27	10*	400	6,09
NEW	681014451U	14	27	33	5	33	10*	300	9,80
	681015451U	15	29	31	7	35	10*	300	6,21
NEW	681016451U	16	28	33	6	38	10*	300	10,75
	681018451U	18	30,5	32,5	8,5	44	10*	300	8,02
	681022451U	22	34	35	10	63	10*	100	8,98
	681028451U	28	36	45	12	88	5*	100	30,43
	681035451U	35	41	45,5	15	127	5*	60	42,63
	681042451U	42	53	63,5	17	208	2*	40	66,86
	681054451U	54	62	73,5	21	306	2*	20	99,22

(*) unità minima di vendita / minimum selling quantity

B 7077





681/900 U

CURVA 90° FF

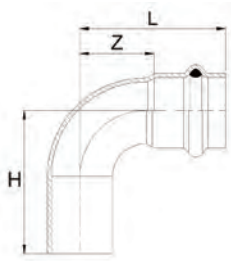
- 90° ELBOW FF
- BOGEN 90° II
- COUDE FF 90°
- CURVA 90° HH

MATERIAL: Cu-DHP99,9 - CW024A
O-RING: EPDM nero - black - Schwarz - noir - negro

	CODE	De mm	L mm	Z mm	g			€
	681012900U	12	33	14,5	34	10*	400	6,89
NEW	681014900U	14	36	14	43	10*	300	10,96
	681015900U	15	38	16	46	10*	300	6,89
NEW	681016900U	16	37	15	48	10*	300	11,69
	681018900U	18	40	18	56	10*	200	8,98
	681022900U	22	49	26	87	10*	100	11,26
	681028900U	28	55	31	122	5*	50	23,55
	681035900U	35	61	35	169	5*	50	46,97
	681042900U	42	78	42	267	2*	30	89,54
	681054900U	54	95	54	401	2*	16	120,96

(*) unità minima di vendita / minimum selling quantity

B 7077





681/901 U

CURVA 90° MF

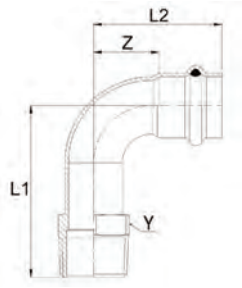
- 90° ELBOW MF
- BOGEN 90° IA
- COUDE MF 90°
- CURVA 90° HM

MATERIAL: Cu-DHP99,9 - CW024A
O-RING: EPDM nero - black - Schwarz - noir - negro

	CODE	De mm	L mm	H mm	Z mm	g			€
	681012901U	12	33	43,5	14,5	33	10*	400	6,43
NEW	681014901U	14	36	40	14	38	10*	300	10,54
	681015901U	15	38	40	16	41	10*	300	6,43
NEW	681016901U	16	37	41	15	44	10*	300	11,59
	681018901U	18	40	43	18	52	10*	200	8,82
	681022901U	22	49	48	26	79	10*	100	11,48
	681028901U	28	55	57	31	114	5*	50	25,80
	681035901U	35	61	66	35	164	5*	50	46,36
	681042901U	42	78	88	42	264	2*	30	91,54
	681054901U	54	95	108	54	400	2*	16	122,41

(*) unità minima di vendita / minimum selling quantity

B 70 77





697 U

CURVA FILETTATA 90° FILETTO M

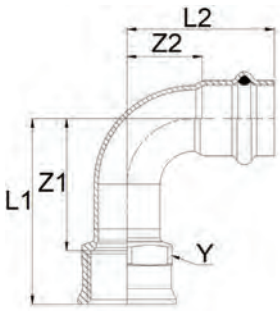
- 90° ELBOW MALE BSP
- BOGEN 90° MIT AG
- COUDE 90° AVEC FILETAGE M
- CODO A 90° MH

MATERIAL: Cu-DHP99,9 - CW024A
O-RING: EPDM nero - black - Schwarz - noir - negro
THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x R mm x inch	L1 mm	L2 mm	Z mm	Y mm	g			€
697308012U	12 x 3/8"	39	33	14,5	17	43	10*	150	**33,71**
697102012U	12 x 1/2"	42	33	14,5	21,5	63	10*	150	**33,90**
697308015U	15 x 3/8"	47	38	16	19	55	10*	150	**50,42**
697102015U	15 x 1/2"	52	38	16	21,5	75	10*	150	**33,90**
697102018U	18 x 1/2"	55	40	18	21,5	83	10*	150	**53,77**
697304018U	18 x 3/4"	57	40	18	27	102	10*	100	**52,55**
697304022U	22 x 3/4"	66	49	26	27	125	10*	100	**54,72**
697100028U	28 x 1"	77	55	31	34	196	5*	50	**81,85**
697114035U	35 x 1"1/4	91	61	35	43	301	5*	40	**108,79**
697112042U	42 x 1"1/2	99	78	42	50	408	2*	30	**148,53**
697200054U	54 x 2"	116	95	54	65	650	2*	20	**210,15**

(*) unità minima di vendita / minimum selling quantity

B 70 77





698 U

CURVA FILETTATA 90° FILETTO F

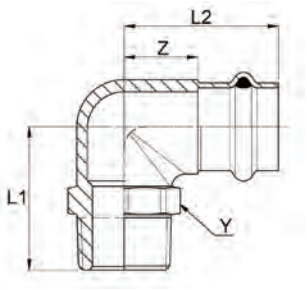
- 90° ELBOW FEMALE BSP
- BOGEN 90° MIT IG
- COUDE 90° AVEC FILETAGE F
- CODO A 90° HH

MATERIAL: Cu-DHP99,9 - CW024A
O-RING: EPDM nero - black - Schwarz - noir - negro
THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x Rp mm x inch	L1 mm	L2 mm	Z1 mm	Z2 mm	Y mm	g			€
698308012U	12 x 3/8"	38	33	25	14,5	19,5	46	10*	100	**20,92**
698102012U	12 x 1/2"	40	33	24	14,5	19,5	61	10*	100	**20,92**
698308015U	15 x 3/8"	44	38	32	16	21,5	62	10*	100	**49,09**
698102015U	15 x 1/2"	50	38	34	16	24	74	10*	100	**20,92**
698304015U	15 x 3/4"	51	38	34	16	30	96	10*	100	**48,24**
698102018U	18 x 1/2"	53	40	37	18	24	82	10*	100	**46,96**
698304018U	18 x 3/4"	54	40	37	18	30	103	10*	100	**52,14**
698102022U	22 x 1/2"	59	49	43	26	27	124	10*	100	**56,11**
698304022U	22 x 3/4"	63	49	46	26	30	130	10*	100	**33,09**
698100022U	22 x 1"	67	49	47	26	37,5	173	10*	50	**52,55**
698304028U	28 x 3/4"	67	55	50	31	34	184	5*	50	**58,84**
698100028U	28 x 1"	72	55	52	31	37,5	195	5*	50	**60,31**
698114035U	35 x 1"1/4	88	61	66	35	46	288	5*	40	**99,36**
698112042U	42 x 1"1/2	94	78	72	42	53	403	2*	20	**128,13**
698200054U	54 x 2"	110	95	84	54	65	588	2*	10	**203,41**

(*) unità minima di vendita / minimum selling quantity

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697/B U

GOMITO MISTO 90° FILETTO M

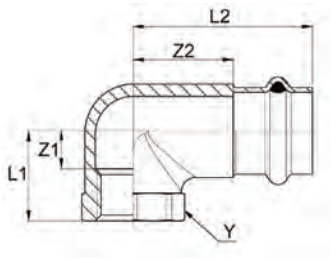
- ELBOW ADAPTER 90° WITH MALE THREAD
- ÜBERGANGSWINKEL 90° AG
- EQUERRE 90° AVEC FILETAGE M
- CODO MACHO

MATERIAL: CuZn21Si3P - CW724R
O-RING: EPDM nero - black - Schwarz - noir - negro
THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x R mm x inch	L1 mm	L2 mm	Z mm	Y mm	g			€
697308012BU	12 x 3/8"	31	31	12,5	20	68	10*	200	**32,03**
697102012BU	12 x 1/2"	37	37	18,5	24	106	10*	150	**32,21**
NEW **697102014BU****	14 x 1/2"	34	39	17	20	83	10*	150	**32,21**
697308015BU	15 x 3/8"	35	40	18	22	95	10*	150	**47,89**
697102015BU	15 x 1/2"	35	39	17	24	106	10*	150	**32,21**
NEW **697102016BU****	16 x 1/2"	34	39	17	20	87	10	120	**51,08**
697102018BU	18 x 1/2"	42	42	20	24	130	10*	120	**51,08**
697304018BU	18 x 3/4"	41	46	24	30	163	10*	100	**49,93**
697304022BU	22 x 3/4"	41	44	21	30	182	10*	80	**51,97**
697100028BU	28 x 1"	58	58	34	36	378	5*	50	**77,75**
697114035BU	35 x 1"1/4	58	58	32	45	465	5*	40	**103,35**
697112042BU	42 x 1"1/2	65	65	29	50	582	2*	24	**141,10**
697200054BU	54 x 2"	80	83	42	65	1173	2*	16	**199,66**

(*) unità minima di vendita / minimum selling quantity
(**) Material: CuSn5Zn5Pb2-C - CC499K

B 70 77





698/B U

GOMITO MISTO 90° FILETTO F

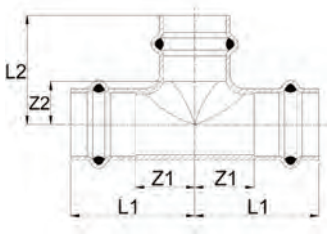
- ELBOW ADAPTER 90° WITH FEMALE THREAD
- ÜBERGANGSWINKEL 90° IG
- EQUERRE 90° AVEC FILETAGE F
- CODO HEMBRA

MATERIAL: CuZn21Si3P - CW724R
O-RING: EPDM nero - black - Schwarz - noir - negro
THREAD: EN 10226-1 (ex ISO 7/1)

	CODE	De x Rp mm x inch	L1 mm	L2 mm	Z1 mm	Z2 mm	Y mm	g			€
	698308012BU	12 x 3/8"	17	38	12	19,5	24	71	10*	200	19,87
	698102012BU	12 x 1/2"	20	40	14	21,5	28	93	10*	150	19,87
NEW	698102014BU**	14 x 1/2"	21,5	42	8	20	26	84	10*	150	24,20
	698308015BU	15 x 3/8"	19	46	12	24	24	92	10*	150	46,63
	698102015BU	15 x 1/2"	22	44	15	22	28	108	10*	150	19,87
	698304015BU	15 x 3/4"	25	50	18	28	34	149	10*	100	45,82
NEW	698102016BU**	16 x 1/2"	22	44	8,5	22	26	88	10*	150	44,61
	698102018BU	18 x 1/2"	22	46	14	24	28	117	10*	150	44,61
	698304018BU	18 x 3/4"	24	50	18	28	34	154	10*	100	49,53
	698102022BU	22 x 1/2"	26	52	15	29	28	159	10*	100	53,31
	698304022BU	22 x 3/4"	27	52	18	29	34	187	10*	100	31,43
	698100022BU	22 x 1"	29	59	20	36	43	280	10*	50	49,93
	698304028BU	28 x 3/4"	27	58	17	34	34	224	5*	50	55,91
	698100028BU	28 x 1"	33	59	20	35	43	321	5*	50	57,29
	698114035BU	35 x 1"1/4	39	66	24	40	52	492	5*	40	94,39
	698112042BU	42 x 1"1/2	43	77	24	41	57	596	2*	30	121,73
	698200054BU	54 x 2"	55	97	30	56	72	1192	2*	16	193,23

(*) unità minima di vendita / minimum selling quantity
(**) Material: CuSn5Zn5Pb2-C - CC499K

B 70 77





682 U

"T"

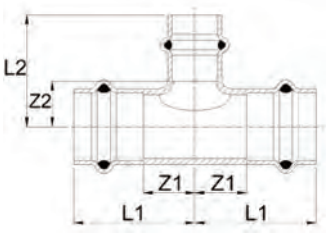
- EQUAL TEE
- T-STÜCK
- TÉ ÉGAL
- TE IGUAL HHH

MATERIAL: Cu-DHP99,9 - CW024A
O-RING: EPDM nero - black - Schwarz - noir - negro

	CODE	De mm	L1 mm	L2 mm	Z1 mm	Z2 mm	g			€
	682012000U	12	31	31	12,5	12,5	57	10*	200	10,28
NEW	682014000U	14	35	33	13	11	70	10*	200	19,05
	682015000U	15	40	33	18	11	81	10*	200	10,28
NEW	682016000U	16	36	33,5	14	11,5	79	10*	150	20,20
	682018000U	18	42	35	20	13	99	10*	100	13,99
	682022000U	22	44	38	21	15	131	10*	80	18,00
	682028000U	28	48	43	24	19	180	5*	50	32,55
	682035000U	35	52	48	26	22	240	5*	30	55,09
	682042000U	42	65	65	29	29	376	2*	20	106,96
	682054000U	54	75	75	34	34	579	2*	12	132,25

(*) unità minima di vendita / minimum selling quantity

B 7077





692 U

"T" RIDOTTO

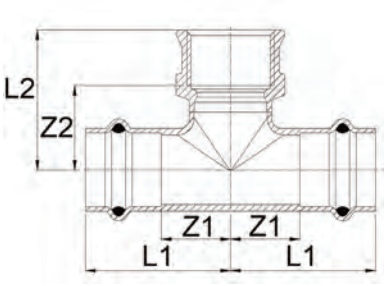
- REDUCING TEE
- T-STÜCK MIT REDUZIERTEM ABGANG
- TÉ RÉDUIT
- TE REDUCIDA HHH

MATERIAL: Cu-DHP99,9 - CW024A
O-RING: EPDM nero - black - Schwarz - noir - negro

	CODE	De mm	L1 mm	L2 mm	Z1 mm	Z2 mm	g			€
NEW	692014012U	14 x 12 x 14	35	29,5	13	11,5	66	10*	200	20,41
	692015012U	15 x 12 x 15	38,5	31,5	16,5	13	76	10*	200	11,91
NEW	692016014U	16 x 14 x 16	36	33,5	14	11,5	78	10*	150	24,30
	692018012U	18 x 12 x 18	38,5	33	16,5	14,5	86	10*	100	13,21
NEW	692018014U	18 x 14 x 18	38	33,5	16	11,5	87	10*	100	28,71
	692018015U	18 x 15 x 18	40	35	18	13	92	10*	100	12,71
NEW	692018016U	18 x 16 x 18	38	33,5	16	11,5	103	10*	100	28,61
	692022012U	22 x 12 x 22	39,5	35	15,5	16,5	108	10*	80	15,80
NEW	692022014U	22 x 14 x 22	40	37	17	15	111	10*	80	30,82
	692022015U	22 x 15 x 22	40	37	17	15	112	10*	80	15,21
NEW	692022016U	22 x 16 x 22	40	37	17	15	113	10*	80	33,86
	692022018U	22 x 18 x 22	42	37	19	15	119	10*	80	19,44
	692028015U	28 x 15 x 28	40	44	16	22	140	5*	50	37,06
	692028018U	28 x 18 x 28	42	44	18	22	149	5*	50	51,25
	692028022U	28 x 22 x 28	44	42	20	19	159	5*	50	36,97
	692035015U	35 x 15 x 35	44	48	18	26	185	5*	30	54,54
	692035018U	35 x 18 x 35	44	48	18	26	188	5*	30	57,71
	692035022U	35 x 22 x 35	46	49	20	26	202	5*	30	50,06
	692035028U	35 x 28 x 35	48	46	22	22	213	5*	30	52,73
	692042022U	42 x 22 x 42	53	55	17	32	270	2*	20	95,64
	692042028U	42 x 28 x 42	55	56	19	32	287	2*	20	97,08
	692042035U	42 x 35 x 42	58	55	22	29	310	2*	20	100,56
	692054022U	54 x 22 x 54	60	61	19	38	368	2*	12	150,11
	692054028U	54 x 28 x 54	62	62	21	38	387	2*	12	154,76
	692054035U	54 x 35 x 54	66	64	25	38	423	2*	12	160,61
	692054042U	54 x 42 x 54	69	71	28	35	509	2*	12	120,18

(*) unità minima di vendita / minimum selling quantity

B 70 77





689 U

"T" CON DERIVAZIONE FILETTO F

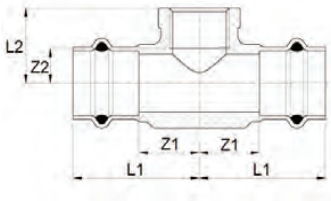
- BRANCH TEE FEMALE BSP OUTLET
- T-STÜCK MIT ABGANG IG
- TÉ MIXTE AVEC FILETAGE F
- TE HEMBRA ROSCADA

MATERIAL: Cu-DHP99,9 - CW024A
O-RING: EPDM nero - black - Schwarz - noir - negro
THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x Rp x De mm x inch x mm	L1 mm	L2 mm	Z1 mm	Z2 mm	g			€
689102012U	12 x 1/2" x 12	31	37,5	12,5	21,5	83	10*	100	34,70
689308015U	15 x 3/8" x 15	40	33	18	21	94	10*	100	59,28
689102015U	15 x 1/2" x 15	40	39	18	23	105	10*	100	33,85
689102018U	18 x 1/2" x 18	40	40,5	18	24,5	116	10*	100	58,80
689102022U	22 x 1/2" x 22	44	39,5	21	23,5	161	10*	100	47,48
689304022U	22 x 3/4" x 22	44	43,5	21	26,5	169	10*	50	68,08
689102028U	28 x 1/2" x 28	44	42,5	20	26,5	188	5*	50	59,52
689304028U	28 x 3/4" x 28	44	46,5	20	29,5	196	5*	50	77,05
689100028U	28 x 1" x 28	48	50	24	30	245	5*	50	80,20
689102035U	35 x 1/2" x 35	46	47	20	31	229	5*	50	82,95
689102042U	42 x 1/2" x 42	53	51	17	35	295	2*	20	100,61
689102054U	54 x 1/2" x 54	60	58	19	42	392	2*	14	119,89

(*) unità minima di vendita / minimum selling quantity

B 70 77





689/B U

"T" CON DERIVAZIONE FILETTO F

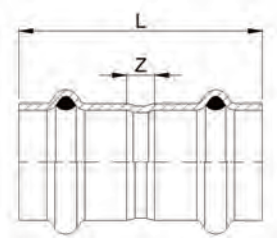
- BRANCH TEE FEMALE BSP OUTLET
- T-STÜCK MIT ABGANG IG
- TÉ MIXTE AVEC FILETAGE F
- TE HEMBRA ROSCADA

MATERIAL: CuZn21Si3P - CW724R
O-RING: EPDM nero - black - Schwarz - noir - negro
THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x Rp x De mm x inch x mm	L1 mm	L2 mm	Z1 mm	Z2 mm	g			€
689308015BU	15 x 3/8" x 15	43,5	22,5	21,5	10,5	123	10*	100	56,31
689102015BU	15 x 1/2" x 15	43,5	22,5	21,5	8,5	137	10*	100	32,15
NEW 689102016BU**	16 x 1/2" x 16	40,5	22	18,5	10	115	10*	100	55,87
689102018BU	18 x 1/2" x 18	44	24	22	10	157	10*	100	55,87
689102022BU	22 x 1/2" x 22	45	26	22	12	183	10*	100	45,10
689304022BU	22 x 3/4" x 22	48	30	25	14	213	10*	50	64,68
689102028BU	28 x 1/2" x 28	47,5	29	23,5	15	233	5*	50	56,54
689304028BU	28 x 3/4" x 28	50	30	26	14	254	5*	50	73,20
689100028BU	28 x 1" x 28	54	34	30	16	322	5*	50	76,19
689102035BU	35 x 1/2" x 35	50,5	34	24,5	19	315	5*	50	78,79
689102042BU	42 x 1/2" x 42	63	38	27	23	461	2*	20	95,59
689102054BU	54 x 1/2" x 54	74	44	33	30	671	2*	14	113,89

(*) unità minima di vendita / minimum selling quantity
(**) Material: CuSn5Zn5Pb2-C - CC499K

B 7077





683/000 U

MANICOTTO

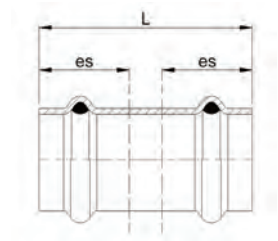
- COUPLING
- MUFFE
- MANCHON
- MANGUITO HH

MATERIAL: Cu-DHP99,9 - CW024A
O-RING: EPDM nero - black - Schwarz - noir - negro

	CODE	De mm	L mm	Z mm	g			€
	683012000U	12	41	4	26	10*	400	6,43
NEW	683014000U	14	46	2	33	10*	400	7,91
	683015000U	15	49	5	36	10*	400	6,43
NEW	683016000U	16	46	2	36	10*	300	8,54
	683018000U	18	49,5	5,5	42	10*	300	8,18
	683022000U	22	52	6	57	10*	200	9,65
	683028000U	28	55	7	76	5*	150	18,54
	683035000U	35	59	7	102	5*	100	23,02
	683042000U	42	80	8	170	2*	40	43,31
	683054000U	54	90	8	236	2*	24	54,43

(*) unità minima di vendita / minimum selling quantity

B 7077





683/001 U

MANICOTTO PASSANTE

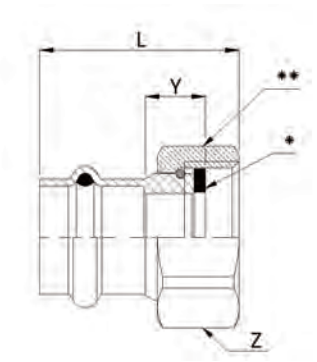
- SLIP COUPLING
- SCHIEBEMUFFE
- MANCHON LONG
- MANGUITO SIN TOPE

MATERIAL: Cu-DHP99,9 - CW024A
O-RING: EPDM nero - black - Schwarz - noir - negro

	CODE	De mm	L mm	es mm	g			€
	683012001U	12	41	19	26	10*	200	7,52
NEW	683014001U	14	46	22	33	10*	200	8,33
	683015001U	15	49	22	36	10*	200	7,01
NEW	683016001U	16	46	22	36	10*	200	9,28
	683018001U	18	49,5	22	42	10*	200	8,31
	683022001U	22	52	23	57	10*	200	9,77
	683028001U	28	55	24	76	5*	80	18,00
	683035001U	35	59	26	102	5*	50	23,46
	683042001U	42	80	36	170	2*	40	42,63
	683054001U	54	90	41	236	2*	20	55,09

(*) unità minima di vendita / minimum selling quantity

B 70 77





683/002 U

MANICOTTO CON DADO FOLLE

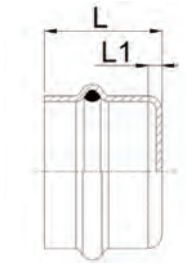
- VALVE CONNECTOR
- ANSCHLUSSVERSCHRAUBUNG
- RACCORD ÉCROU LIBRE
- RÁCOR DOS PIEZAS

MATERIAL: Cu-DHP99,9 - CW024A
FITTING: (**): ottone - brass - Messing - laiton - latón
O-RING: EPDM nero - black - Schwarz - noir - negro
GASKET: (*): EPDM nero - black - Schwarz - noir - negro
THREAD: ISO 228/1 (ex DIN 259)

	CODE	De x G mm x inch	L mm	Z mm	Y mm	Gasket mm	g			€
NEW	683012022U	12 x 3/8"	40,8	21	18,5	14,5x10 thk 2,5	39	10*	250	20,86
NEW	683012012U	12x 1/2"	44,1	24	20,5	18x10 thk 2,5	49	10*	250	20,86
NEW	683014022U	14 x 3/8"	44,8	21	18,5	14,5x10 thk 2,5	44	10*	250	20,86
NEW	683014012U	14 x 1/2"	48,1	24	20,5	18x13 thk 2,5	53	10*	250	20,86
NEW	683014002U	14 x 3/4"	50,5	30	21,5	24x14 thk 2,5	76	10*	250	25,07
	683015012U	15 x 1/2"	49	25	21,5	18x10 thk 2,5	72	10*	250	20,86
	683015002U	15 x 3/4"	39	30	11,5	24x14 thk 2,5	81	10*	250	18,70
NEW	683016012U	16 x 1/2"	48,1	24	20,5	18x13 thk 2,5	55	10*	250	25,07
NEW	683016002U	16 x 3/4"	50,5	30	21,5	24x14 thk 2,5	78	10*	250	25,07
	683018002U	18 x 3/4"	40	30	12,5	24x14 thk 2,5	86	10*	250	19,24
	683022012U	22 x 3/4"	53	30	24,5	24x14 thk 2,5	121	10*	200	25,07
	683022002U	22 x 1"	44	36	13,5	30x20 thk 2,5	122	10*	200	18,94
	683028012U	28 x 1"	58	36	26,5	30x20 thk 2,5	166	5*	150	30,76
	683028002U	28 x 1"1/4	47	46	15	39x27 thk 2,5	186	5*	120	31,72
	683028022U	28 x 1"1/2	47	55	14	44,5x30 thk 2,5	285	5*	120	35,45
	683035012U	35 x 1"1/4	64	46	30,5	39x27 thk 2,5	267	5*	60	36,36
	683035002U	35 x 1"1/2	52	55	17,5	44,5x30 thk 2,5	311	5*	60	37,11
	683042022U	42 x 1"1/2	76	55	31,5	44,5x30 thk 2,5	435	2*	30	73,99
	683042002U	42 x 2"	61	65	12,5	56x42 thk 2,5	367	2*	30	87,10
	683054022U	54 x 2"	91,5	65	38,5	56x42 thk 2,5	578	2*	20	113,14
	683054002U	54 x 2"1/2	72,5	82	17	71,5x53 thk 3	647	2*	20	117,01

(*) unità minima di vendita / minimum selling quantity

B 7077





683/003 U

TAPPO DI CHIUSURA

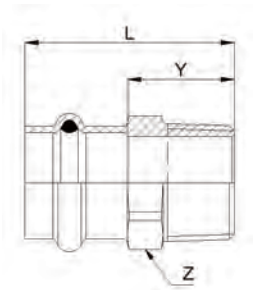
- STOP END
- VERSCHLUSSKAPPE
- BOUCHON D'OBTURATION
- TAPÓN

MATERIAL: Cu-DHP99,9 - CW024A
O-RING: EPDM nero - black - Schwarz - noir - negro

	CODE	De mm	L mm	L1 mm	g			€
	683012003U	12	22	5	14	10*	500	**12,83**
NEW	**683014003U**	14	24,8	2,8	19	10*	500	**13,45**
	683015003U	15	25,5	3,5	20	10*	500	**13,45**
NEW	**683016003U**	16	25,3	3,3	21	10*	300	**17,71**
	683018003U	18	25,5	3,5	23	10*	300	**17,71**
	683022003U	22	26,5	3,5	33	10*	200	**23,25**
	683028003U	28	27,5	3,5	45	5*	150	**35,97**
	683035003U	35	30	4	62	5*	100	**39,24**
	683042003U	42	40	4	101	2*	80	**60,55**
	683054003U	54	46	5	145	2*	40	**73,90**

(*) unità minima di vendita / minimum selling quantity

B 70 77





687 U

MANICOTTO MISTO FILETTO M

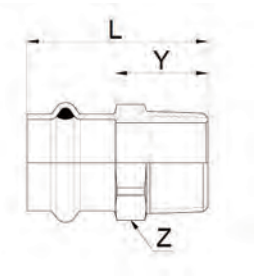
- MALE ADAPTER
- ÜBERGANGSSTÜCK MIT AG
- RACCORD AVEC FILETAGE MALE
- UNIÓN MACHO

MATERIAL: Cu-DHP99,9 - CW024A
O-RING: EPDM nero - black - Schwarz - noir - negro
THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x R mm x inch	L mm	Z mm	Y mm	g			€
687308012U	12 x 3/8"	37,5	17	19	34	10*	300	**10,50**
687102012U	12 x 1/2"	40,5	21,5	22	52	10*	300	**7,57**
687308015U	15 x 3/8"	40	19	18	37	10*	300	**11,67**
687102015U	15 x 1/2"	44	22	22	54	10*	300	**7,57**
687304015U	15 x 3/4"	46	27	24	70	10*	200	**15,46**
687102018U	18 x 1/2"	44	22	22	57	10*	300	**9,64**
687304018U	18 x 3/4"	46	27	24	72	10*	200	**11,02**
687102022U	22 x 1/2"	45	27	22	79	10*	200	**15,90**
687304022U	22 x 3/4"	47	27	24	77	10*	200	**14,28**
687100022U	22 x 1"	52	34	29	126	10*	100	**19,19**
687304028U	28 x 3/4"	48	34	24	107	5*	100	**43,62**
687100028U	28 x 1"	53	34	29	127	5*	100	**26,66**
687114028U	28 x 1"1/4	55	43	31	187	5*	60	**54,94**
687100035U	35 x 1"	56	40	29	162	5*	100	**60,74**
687114035U	35 x 1"1/4	57	43	31	188	5*	50	**58,25**
687112035U	35 x 1"1/2	57	49	31	233	5*	50	**63,06**
687114042U	42 x 1"1/4	67	49	31	256	2*	40	**79,23**
687112042U	42 x 1"1/2	68	49	32	252	2*	40	**81,65**
687112054U	54 x 1"1/2	73	61	32	370	2*	32	**137,67**
687200054U	54 x 2"	78	61	37	372	2*	32	**157,49**

(*) unità minima di vendita / minimum selling quantity

B 7077





687/B U

MANICOTTO MISTO FILETTO M

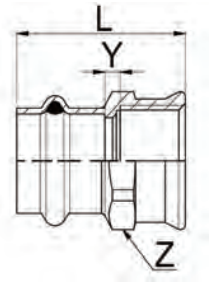
- MALE ADAPTER
- ÜBERGANGSSTÜCK MIT AG
- RACCORD AVEC FILETAGE MALE
- UNIÓN MACHO

MATERIAL: CuSn5Zn5Pb2-C - CC499K
O-RING: EPDM nero - black - Schwarz - noir - negro
THREAD: EN 10226-1 (ex ISO 7/1)

	CODE	De x R mm x inch	L mm	Z mm	Y mm	g			€
NEW	687308014BU**	14 x 3/8"	38,5	19	16,5	37	10*	300	13,90
NEW	687102014BU**	14 x 1/2"	41,5	21	19,5	48	10*	300	11,59
	687308015BU	15 x 3/8"	40	19	18	37	10*	300	11,08
	687102015BU	15 x 1/2"	44	21,5	22	54	10*	300	7,19
	687304015BU	15 x 3/4"	46	27	24	70	10*	200	14,69
NEW	687102016BU**	16 x 1/2"	41,5	21	19,5	48	10*	300	14,64
NEW	687304016BU**	16 x 3/4"	43	27	21	68	10*	200	17,05
	687102018BU	18 x 1/2"	44	21,5	22	56	10*	300	9,17
	687304018BU	18 x 3/4"	46	27	24	71	10*	200	10,46
	687102022BU	22 x 1/2"	45	27	22	77	10*	200	15,11
	687304022BU	22 x 3/4"	47	27	24	75	10*	200	13,58
	687100022BU	22 x 1"	52	34	29	124	10*	100	18,24
	687304028BU	28 x 3/4"	48	34	24	104	5*	100	41,45
	687100028BU	28 x 1"	53	34	29	124	5*	100	25,32
	687114028BU	28 x 1"1/4	55	43	31	184	5*	60	52,20
	687100035BU	35 x 1"	55	40	29	160	5*	100	57,70
	687114035BU	35 x 1"1/4	57	43	31	186	5*	50	55,34
	687112035BU	35 x 1"1/2	57	49	31	231	5*	50	59,91
	687114042BU	42 x 1"1/4	67	49	31	254	2*	40	75,28
	687112042BU	42 x 1"1/2	68	49	32	249	2*	40	77,57
	687112054BU	54 x 1"1/2	73	61	32	369	2*	32	130,79
	687200054BU	54 x 2"	78	61	37	367	2*	32	149,62

(*) unità minima di vendita / minimum selling quantity
(**) Material: CuSn5Zn5Pb2-C - CC499K

B 70 77





690 U

MANICOTTO MISTO FILETTO F

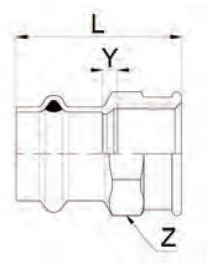
- FEMALE ADAPTER
- ÜBERGANGSSTÜCK MIT IG
- RACCORD AVEC FILETAGE FEMELLE
- UNIÓN HEMBRA

MATERIAL: Cu-DHP99,9 - CW024A
O-RING: EPDM nero - black - Schwarz - noir - negro
THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x Rp mm x inch	L mm	Z mm	Y mm	g			€
690308012U	12 x 3/8"	35	19,5	3,5	33	10*	240	**9,30**
690102012U	12 x 1/2"	38,5	24	4	49	10*	240	**9,30**
690308015U	15 x 3/8"	36	21,5	2	41	10*	240	**10,18**
690102015U	15 x 1/2"	43	24	5	53	10*	240	**9,40**
690304015U	15 x 3/4"	43	30	4	76	10*	240	**19,40**
690102018U	18 x 1/2"	42,5	24	4,5	56	10*	240	**13,11**
690304018U	18 x 3/4"	43	30	4	76	10*	200	**25,59**
690102022U	22 x 1/2"	43	26,5	4	82	10*	200	**14,44**
690304022U	22 x 3/4"	44	30	4	80	10*	150	**15,77**
690100022U	22 x 1"	47	37,5	4	121	10*	100	**23,48**
690102028U	28 x 1/2"	42	34	2	137	5*	100	**46,32**
690304028U	28 x 3/4"	43	34	2,5	115	5*	100	**51,20**
690100028U	28 x 1"	47	37,5	3	121	5*	100	**28,90**
690114028U	28 x 1"1/4	54	46	8	181	5*	100	**53,02**
690304035U	35 x 3/4"	45	40	2	182	5*	80	**61,40**
690100035U	35 x 1"	48	40	1,5	159	5*	80	**64,74**
690114035U	35 x 1"1/4	55	46	7	183	5*	50	**63,95**
690114042U	42 x 1"1/4	60	49	4	237	2*	40	**90,40**
690112042U	42 x 1"1/2	64	53	6	251	2*	40	**92,75**
690200054U	54 x 2"	73	65	6	359	2*	20	**161,58**

(*) unità minima di vendita / minimum selling quantity

B 7077





690/B U

MANICOTTO MISTO FILETTO F

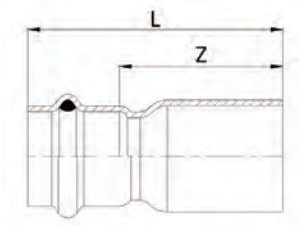
- FEMALE ADAPTER
- ÜBERGANGSSTÜCK MIT IG
- RACCORD AVEC FILETAGE FEMELLE
- UNIÓN HEMBRA

MATERIAL: CuSn5Zn5Pb2-C - CC499K
O-RING: EPDM nero - black - Schwarz - noir - negro
THREAD: EN 10226-1 (ex ISO 7/1)

	CODE	De x Rp mm x inch	L mm	Z mm	Y mm	g			€
NEW	690308014BU**	14 x 3/8"	38,5	21	4	42	10*	240	14,43
NEW	690102014BU**	14 x 1/2"	40	26	3,5	59	10*	240	17,05
	690308015BU	15 x 3/8"	36	21,5	2	41	10*	240	9,66
	690102015BU	15 x 1/2"	43	24	5	53	10*	240	8,93
	690304015BU	15 x 3/4"	43	30	4	75	10*	240	18,42
NEW	690102016BU**	16 x 1/2"	40	26	3,5	62	10*	240	17,37
NEW	690304016BU**	16 x 3/4"	42,5	31	4	78	10*	240	24,31
	690102018BU	18 x 1/2"	42,5	24	4,5	56	10*	240	12,47
	690304018BU	18 x 3/4"	43	30	4	76	10*	200	24,31
	690102022BU	22 x 1/2"	43	26,5	4	82	10*	200	13,71
	690304022BU	22 x 3/4"	44	30	4	80	10*	150	14,98
	690100022BU	22 x 1"	47	37,5	4	120	10*	100	22,31
	690102028BU	28 x 1/2"	42	34	2	137	5*	100	43,99
	690304028BU	28 x 3/4"	43	34	-	114	5*	100	48,65
	690100028BU	28 x 1"	47	37,5	3	120	5*	100	27,46
	690114028BU	28 x 1"1/4	54	46	8	181	5*	100	50,37
	690304035BU	35 x 3/4"	45	40	2	182	5*	80	58,33
	690100035BU	35 x 1"	48	40	-	159	5*	80	61,50
	690114035BU	35 x 1"1/4	55	46	7	183	5*	50	60,74
	690114042BU	42 x 1"1/4	60	49	4	237	2*	40	85,87
	690112042BU	42 x 1"1/2	64	53	6	250	2*	40	88,11
	690200054BU	54 x 2"	73	65	6	358	2*	20	153,50

(*) unità minima di vendita / minimum selling quantity
(**) Material: CuSn5Zn5Pb2-C - CC499K

B 70 77





691 U

RIDUZIONE MF

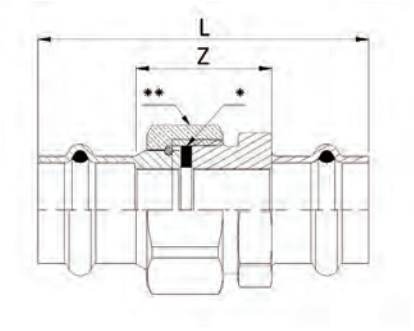
- REDUCER MF
- REDUZIERSTÜCK A/I
- REDUCTION MF
- REDUCCIÓN MH

MATERIAL: Cu-DHP99,9 - CW024A
O-RING: EPDM nero - black - Schwarz - noir - negro

	CODE	De mm	L mm	Z mm	g			€
NEW	691014012U	14 x 12	43	25	23	10*	300	7,60
	691015012U	15 x 12	47	28,5	26	10*	300	5,80
NEW	691016012U	16 x 12	44	26	25	10*	300	7,70
NEW	691016014U	16 x 14	47	25	29	10*	300	7,70
	691018012U	18 x 12	48	29,5	30	10*	300	6,09
NEW	691018014U	18 x 14	49	27	32	10*	300	9,49
	691018015U	18 x 15	56	34	37	10*	300	5,80
NEW	691022014U	22 x 14	52	30	38	10*	300	9,80
	691022015U	22 x 15	60	38	44	10*	300	6,89
NEW	691022016U	22 x 16	52	30	40	10*	300	9,91
	691022018U	22 x 18	58	36	46	10*	300	7,22
	691028015U	28 x 15	67	45	57	5*	200	17,46
	691028018U	28 x 18	65	43	59	5*	200	17,86
	691028022U	28 x 22	64	41	68	5*	200	18,34
	691035022U	35 x 22	71	48	86	5*	100	21,69
	691035028U	35 x 28	68	44	91	5*	80	23,68
	691042022U	42 x 22	89	66	126	2*	80	37,06
	691042028U	42 x 28	87	63	132	2*	80	36,12
	691042035U	42 x 35	85	59	143	2*	40	35,23
	691054035U	54 x 35	97	71	194	2*	40	49,23
	691054042U	54 x 42	104	68	222	2*	32	47,10

(*) unità minima di vendita / minimum selling quantity

B 7077





684/001 U

BOCCHETTONE SEDE PIANA

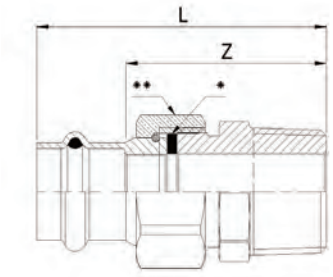
- FLAT FACED UNION
- DURCHGANGSVERSCHRAUBUNG MIT PRESSENDEN FLACHDICHTEND
- ÉLÉMENT DE TRANSITION FILTÉ PLAT AVEC MANCHONS DES 2 CÔTES
- RÁCOR 3 PIEZAS PLANO

MATERIAL: Cu-DHP99,9 - CW024A
FITTING: (**): ottone - brass - Messing - laiton - latón
O-RING: EPDM nero - black - Schwarz - noir - negro
GASKET: (*): EPDM nero - black - Schwarz - noir - negro

CODE	De mm	L mm	Z mm	Gasket mm	g			€
684012001U	12	63	26	18,2x11,2 thk 2	97	10*	100	72,46
684015001U	15	73,5	29,5	24x14 thk 2,5	165	10*	100	96,11
684018001U	18	74,5	30,5	24x14 thk 2,5	172	10*	100	109,52
684022001U	22	78,5	32,5	30x20 thk 2,5	248	10*	80	123,70
684028001U	28	83	35	39x27 thk 2,5	380	5*	30	131,82
684035001U	35	94,5	42,5	44,5x30 thk 2,5	624	5*	20	149,75
684042001U	42	111,5	39,5	56x42 thk 2,5	823	2*	20	202,86
684054001U	54	129	47	71,5x53 thk 3	1406	2*	10	331,53

(*) unità minima di vendita / minimum selling quantity

B 7077





684/002 U

BOCCHETTONE SEDE PIANA FILETTO M

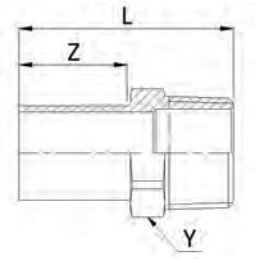
- STRAIGHT MALE UNION CONNECTOR
- DURCHGANGSVERSCHRAUBUNG MIT AUSSENGEWINDE
- RACCORD UNION FILETÉ
- RÁCOR 3 PIEZAS ROSCADO MACHO

MATERIAL: Cu-DHP99,9 - CW024A
FITTING: (**): ottone - brass - Messing - laiton - latón
O-RING: EPDM nero - black - Schwarz - noir - negro
GASKET: (*): EPDM nero - black - Schwarz - noir - negro
THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x R mm x inch	L mm	Z mm	Gasket mm	g			€
684012012U	12 x 3/8"	56,5	38	18,2x11,2 thk 2	123	10*	120	52,16
684012002U	12 x 1/2"	59,5	41	18,2x11,2 thk 2	111	10*	120	52,16
684015002U	15 x 1/2"	66,5	30,5	24x14 thk 2,5	162	10*	120	52,16
684015012U	15 x 3/4"	67,5	45,5	24x14 thk 2,5	191	10*	80	69,15
684018002U	18 x 1/2"	67,5	45,5	24x14 thk 2,5	167	10*	120	69,83
684018012U	18 x 3/4"	68,5	46,5	24x14 thk 2,5	196	10*	80	71,95
684022022U	22 x 1/2"	80,5	57,5	24x14 thk 2,5	202	10*	120	108,08
684022002U	22 x 3/4"	81,5	58,5	24x14 thk 2,5	232	10*	80	75,11
684022012U	22 x 1"	75,5	52,5	30x20 thk 2,5	306	10*	50	108,45
684028012U	28 x 3/4"	86,5	62,5	30x20 thk 2,5	297	5*	80	92,48
684028002U	28 x 1"	81	57	39x27 thk 2,5	410	5*	50	88,90
684035002U	35 x 1"1/4	90,5	64,5	44,5x30 thk 2,5	675	5*	30	129,82
684042002U	42 x 1"1/2	96,5	60,5	56x42 thk 2,5	863	2*	30	181,05
684054002U	54 x 2"	113	72	71,5x53 thk 3	1520	2*	16	237,36

(*) unità minima di vendita / minimum selling quantity

B 70 77





669/M U

MANICOTTO CON INSERIMENTO FILETTO M

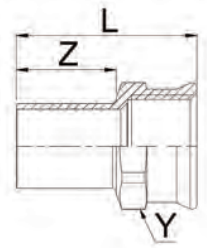
- MALE REDUCTION SOCKET
- ÜBERGANG AUSSENGEWINDE MIT EINSCHUBENDE
- MANCHON DE RÉDUCTION FILETÉ
- ADAPTADOR MACHO

MATERIAL: Cu-DHP99,9 - CW024A
THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x R mm x inch	L mm	Z mm	Y mm	g			€
669102112U	12 x 1/2"	44	22	21,5	49	10*	300	25,89
669102115U	15 x 1/2"	47	25	22	51	10*	300	27,29
669102118U	18 x 1/2"	47	25	22	53	10*	300	28,38
669304118U	18 x 3/4"	49	25	27	71	10*	200	30,34
669102122U	22 x 1/2"	48	26	24	63	10*	200	43,79
669304122U	22 x 3/4"	50	26	27	72	10*	200	45,81
669304128U	28 x 3/4"	53	29	30	83	5*	150	66,39
669100128U	28 x 1"	58	29	34	121	5*	100	69,15
669114135U	35 x 1"1/4	62	31	43	188	5*	40	88,66
669112142U	42 x 1"1/2	78	46	50	255	2*	40	132,23
669200154U	54 x 2"	88	51	65	414	2*	20	140,77

(*) unità minima di vendita / minimum selling quantity

B 70 77





669/F U

MANICOTTO CON INSERIMENTO FILETTO F

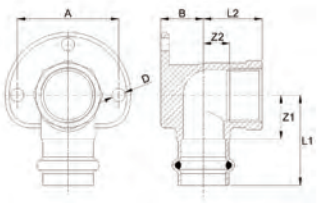
- FEMALE REDUCTION SOCKET
- ÜBERGANG INNENGEWINDE MIT EINSCHUBENDE
- MANCHON DE RÉDUCTION AVEC TARAUDAGE
- ADAPTADOR HEMBRA

MATERIAL: Cu-DHP99,9 - CW024A
THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x Rp mm x inch	L mm	Z mm	Y mm	g			€
669308012U	12 x 3/8"	39	22	21,5	41	10*	300	27,94
669102012U	12 x 1/2"	42	22	24	48	10*	300	27,97
669308015U	15 x 3/8"	40	25	21,5	40	10*	300	30,23
669102015U	15 x 1/2"	46	25	24	51	10*	300	30,34
669102018U	18 x 1/2"	46	25	24	55	10*	200	31,05
669304018U	18 x 3/4"	46	25	30	72	10*	200	30,88
669102022U	22 x 1/2"	47	26	27	80	10*	200	38,88
669304022U	22 x 3/4"	47	26	30	77	10*	200	44,84
669304028U	28 x 3/4"	47	29	34	107	5*	150	67,70
669100028U	28 x 1"	53	29	37,5	116	5*	100	68,78
669114035U	35 x 1"1/4	60	31	46	183	5*	50	119,89
669112042U	42 x 1"1/2	74	46	53	253	2*	40	133,96
669200054U	54 x 2"	83	51	65	367	2*	10	226,63

(*) unità minima di vendita / minimum selling quantity

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685/000 U

GOMITO MISTO 90° FF

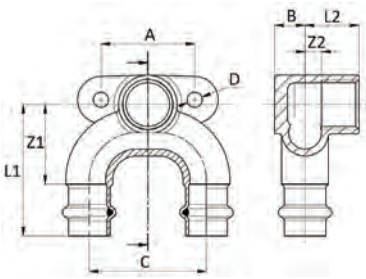
- WALL PLATE ELBOW 90° WITH FEMALE THREAD
- DECKENWINKEL 90° IG
- EQUERRE 90° FF
- CODO PLACA HH

MATERIAL: CuZn21Si3P - CW724R
O-RING: EPDM nero - black - Schwarz - noir - negro
THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x Rp mm x inch	L1 mm	L2 mm	Z1 mm	Z2 mm	A mm	B mm	D mm	g			€
685102012U	12 x 1/2"	42	27	23,5	13	40	15	7	137	10*	100	20,92
NEW 685102014U**	14 x 1/2"	40	25	18	10	40	11	6,2	121	10*	100	33,44
685102015U	15 x 1/2"	43,5	22,5	21,5	6,5	40	14	6,5	181	10*	100	20,92
NEW 685102016U**	16 x 1/2	40	24	18	9	40	12	6,2	120	10*	100	46,96
685102018U	18 x 1/2"	43,5	24	21,5	8	40	15	6,5	192	10*	100	46,96
685304022U	22 x 3/4"	44,5	29	21,5	13	50	20	6,5	246	5*	50	33,09

(*) unità minima di vendita / minimum selling quantity
(**) Material: CuSn5Zn5Pb2-C - CC499K

B 70 77





685/003 U

RACCORDO TRE VIE CON FLANGIA E DERIVAZIONE FILETTO F

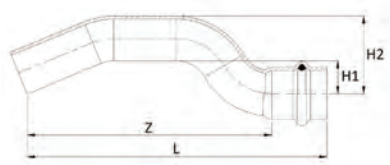
- CORNER TEE WITH WALL FLANGE
- INOXPRES-DOPPELWANDSCHEIBE
- EQUERRE MURALE AVEC FILETAGE FEMELLE
- RACOR TRES VÍAS CON BRIDA Y ROSCA HEMBRA

MATERIAL: CuZn21Si3P - CW724R
O-RING: EPDM nero - black - Schwarz - noir - negro
THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x Rp x De mm x inch x mm	L1 mm	L2 mm	Z1 mm	Z2 mm	A mm	B mm	C mm	D mm	g			€
685102315U	15 x 1/2" x 15	56	23	34	7	40	13	50	6,5	221	5*	80	87,47
685102318U	18 x 1/2" x 18	56	23	34	7	40	13	50	6,5	234	5*	50	98,01
685102322U	22 x 1/2" x 22	63	23	40	7	40	16	50	6,5	315	2*	50	107,31

(*) unità minima di vendita / minimum selling quantity

B 70 77





679/001 U

"S" DI SCAVALCAMENTO MF

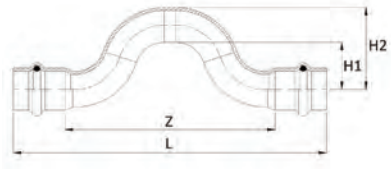
- PIPE BRIDGE MF
- SPRUNGBOGEN A/I
- "S" DE CHEVAUCHEMENT MF
- "S" DE SUPERPOSICIÓN MH

MATERIAL: Cu-DHP99,9 - CW024A
O-RING: EPDM nero - black - Schwarz - noir - negro

CODE	De mm	L mm	Z mm	H1 mm	H2 mm	g			€
679012001U	12	97,5	79	25	37	54	10*	150	16,15
679015001U	15	115	93	12	27	70	10*	100	16,15
679018001U	18	120	98	13	31	87	10*	100	24,07
679022001U	22	141	118	17	39	136	10*	50	30,95

(*) unità minima di vendita / minimum selling quantity

B 70 77





679/002 U

"S" DI SCAVALCAMENTO FF

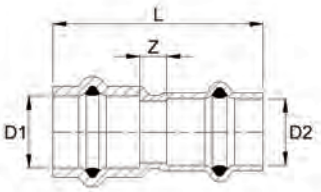
- PIPE BRIDGE FF
- SPRUNGBOGEN I/I
- "S" DE CHEVAUCHEMENT FF
- "S" DE SUPERPOSICIÓN HH

MATERIAL: Cu-DHP99,9 - CW024A
O-RING: EPDM nero - black - Schwarz - noir - negro

CODE	De mm	L mm	Z mm	H1 mm	H2 mm	g			€
679012002U	12	134	97	20	32	71	10*	150	31,95
679015002U	15	134	90	20	35	91	10*	100	42,28
679018002U	18	144	100	20	38	115	10*	100	45,67
679022002U	22	161	115	23	45	163	10*	50	52,73

(*) unità minima di vendita / minimum selling quantity

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683/000A U

MANICOTTO ADATTATORE

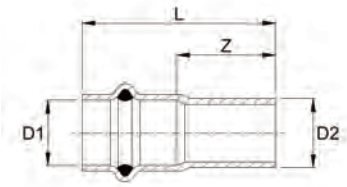
- COUPLING ADAPTER
- MUFFE ADAPTER
- MANCHON ADAPTATEUR
- MANGUITO HH ADAPTADOR

MATERIAL: Cu-DHP99,9 - CW024A
O-RING: EPDM nero - black - Schwarz - noir - negro

	CODE		De mm	D1 mm	D2 mm	L mm	Z mm	g			€
NEW	683014912U		14 x 12	14	12	46	4	31	10*	300	16,59
	683015014U	(1)	15 x 14	15	14	52	6,5	53	10*	300	16,59
	683015016U	(2)	15 x 16	15	16	52	6,5	61	10*	300	18,07
NEW	683016014U		16 x 14	16	14	51	7	38	10*	300	18,07
	683018016U	(2)	18 x 16	18	16	53	7,5	72	10*	300	18,07
NEW	683022018U		22 x 18	22	18	54	6,5	53	10*	200	21,62
NEW	683028922U		28 x 22	28	22	55	8	68	10*	150	21,62

(*) unità minima di vendita / minimum selling quantity
(1) La connessione DN 14 mm deve essere pressata con ganascia da 15 mm; Press connection DN 14 mm should be carried out with a size 15 mm press jaw; Die Pressverbindung DN 14 soll mit einer 15 mm Pressbacke verpresst werden; Le sertissage en DN 14 mm doit être réalisé avec une mâchoire à sertir de 15 mm; La conexión a prensar DN 14 mm debe realizarse con una mordaza de 15 mm.
(2) La connessione DN 16 mm deve essere pressata con ganascia da 18 mm; Press connection DN 16 mm should be carried out with a size 18 mm press jaw; Die Pressverbindung DN 16 soll mit einer 18 mm Pressbacke verpresst werden; Le sertissage en DN 16 mm doit être réalisé avec une mâchoire à sertir de 18 mm; La conexión a prensar DN 16 mm debe realizarse con una mordaza de 18 mm.

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669/FA U

MANICOTTO CON INSERIMENTO - ADATTATORE

- REDUCTION SOCKET - ADAPTER
- ÜBERGANG MIT EINSCHUBENDE - ADAPTER
- MANCHON DE RÉDUCTION - ADAPTATEUR
- MANGUITO ADAPTADOR HEMBRA

MATERIAL: Cu-DHP99,9 - CW024A
O-RING: EPDM nero - black - Schwarz - noir - negro

CODE		De mm	D1 mm	D2 mm	L mm	Z mm	g			€
669014015U	(1)	14 x 15	14	15	52	28,5	48	10*	300	**11,93**
669016015U	(2)	16 x 15	16	15	53	29,5	63	10*	300	**13,57**
669016018U	(2)	16 x 18	16	18	53	29,5	64	10*	300	**16,72**

(*) unità minima di vendita / minimum selling quantity
(1) La connessione DN 14 mm deve essere pressata con ganascia da 15 mm; Press connection DN 14 mm should be carried out with a size 15 mm press jaw; Die Pressverbindung DN 14 soll mit einer 15 mm Pressbacke verpresst werden; Le sertissage en DN 14 mm doit être réalisé avec une mâchoire à sertir de 15 mm; La conexión a prensar DN 14 mm debe realizarse con una mordaza de 15 mm.
(2) La connessione DN 16 mm deve essere pressata con ganascia da 18 mm; Press connection DN 16 mm should be carried out with a size 18 mm press jaw; Die Pressverbindung DN 16 soll mit einer 18 mm Pressbacke verpresst werden; Le sertissage en DN 16 mm doit être réalisé avec une mâchoire à sertir de 18 mm; La conexión a prensar DN 16 mm debe realizarse con una mordaza de 18 mm.

Certificazioni / Certifications

	DVGW	PRODUKTE DER GASVERSORGUNGT	DG-8531DM0073	Ø 15 – 54 mm
		RACCORDI A PRESSARE PER GAS – PLUMBING FITTINGS FOR GASES	CA06.00326	Ø 15 – 54 mm
		SYSTÉM TRUBEK A LISOVACÍCH TVAROVEK Z MĚDI PIPES AND PRESS FITTINGS SYSTEMS MADE OF COPPER	202/C5a/2023/B-00375-23	Ø 15 – 54 mm
	ÉMI	TUZVEDELMI MEGFELELŐSÉGÉRŐL	TMI - 3/2025	Ø 15 – 54 mm
		GAS.BE CERTIFIE LA CONFORMITÉ AUX EXIGENCES BELGES	C-25-3822-A	Ø 15 – 54 mm

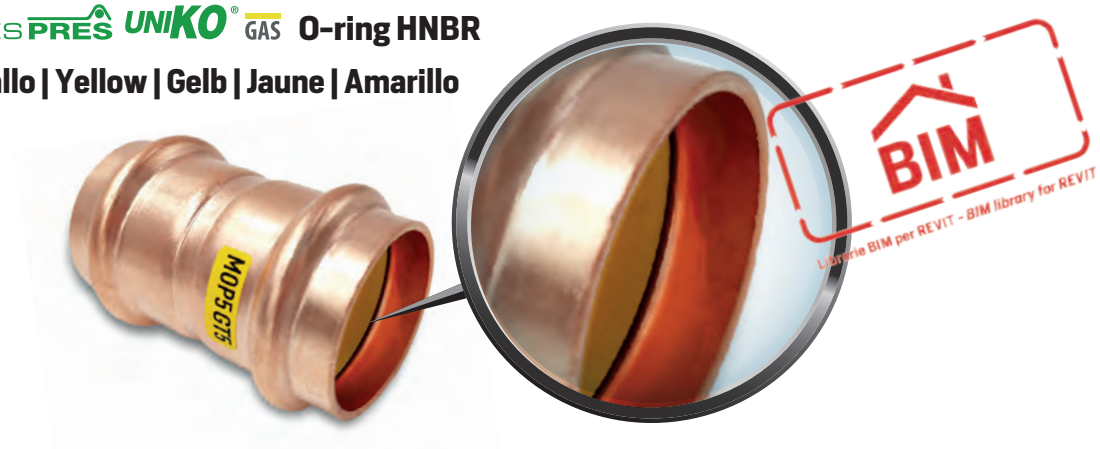
Campi di applicazione / Fields of application

AES PRES UNIKO® GAS

Gas metano / GPL / Idrogeno
Natural gas / LPG / Hydrogen

AES PRES UNIKO® GAS **O-ring HNBR**

Giallo | Yellow | Gelb | Jaune | Amarillo



FOCUS ON

TUBO RAME PER AESPRES UNIKO - AESPRES UNIKO GAS
AESPRES UNIKO - AESPRES UNIKO GAS COPPER PIPING

Le tubazioni per impianti acqua e gas in rame, devono essere rispondenti alla norma UNI EN 1057:2010.
Rame e leghe di rame – Tubi rotondi di rame senza saldatura per acqua e gas nelle applicazioni sanitarie e di riscaldamento.
Piping for copper water and gas installation should comply with the standard EN 1057:2010, "Copper and copper alloys – Round tubes in copper without welding for water and gas in health-care and heating applications".

TABELLA 4: CARATTERISTICHE DEI TUBI DI RAME - EN 1057

Classe di resistenza *Resistance class*	Stato di fornitura *Delivery condition*	ø (mm)
R220	Ricotto – Rotoli *Annealed – Roll*	12 ÷ 22
R250	Semiduro – Barre *Semi-hard – Bar*	12 ÷ 28
R290	Duro – Barre *Hard – Bar*	12 ÷ 54

Classe di resistenza *Resistance class*	Resistenza minima alla trazione *Minimum traction resistance* Rm (MPa)	Allungamento minimo alla rottura *Minimum breaking elongation* (%)
R220	220	40
R250	250	20
R290	290	3

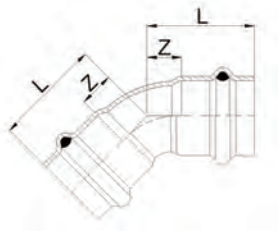
Le dimensioni dei tubi utilizzabili con i sistemi a pressare **Aespres UNIKO** e **Aespres UNIKO GAS** sono esposte nella tabella sottostante.

*Tube sizes to be used with **Aespres UNIKO** and **Aespres UNIKO GAS** press fittings are included in the annexted table.*

DIMENSIONI DEI TUBI DI RAME - EN 1057 / DVGW GW 392
AESPRES PIPES DIMENSIONS AND CHARACTERISTICS - EN 1057 / DVGW GW 392

ø esterno x sp. ø exernal x thx. mm	DN	ø interno ø internal mm	Massa Mass kg/m	Contenuto d'acqua Water volume l/m	Stato di fornitura Supplied condition aesPRES UNIKO	Stato di fornitura Supplied condition aesPRES UNIKO GAS
12 x 1	10	10	0,309	0,079	Rotolo 25/50 m (R 220) o Barra 5 m (R 250 - R 290)	--
15 x 1	12	13	0,393	0,133		Barra 5 m (R290)
18 x 1	15	16	0,477	0,201		
22 x 1	20	20	0,589	0,314		
28 x 1,5	25	25	1,115	0,491	Barra 5 m (R 250 - R 290)	
35 x 1,5	32	32	1,410	0,804	Barra 5 m (R 290)	
42 x 1,5	40	39	1,704	1,194		
54 x 2	50	50	2,918	1,963		

B 70 78





681/450 GU

CURVA 45° FF

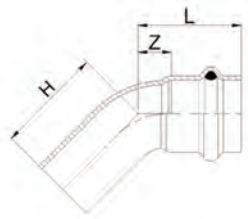
- 45° ELBOW FF
- BOGEN 45° II
- COUDE FF 45°
- CURVA 45° HH

MATERIAL: Cu-DHP99,9 - CW024A
O-RING: HNBR giallo - yellow - Gelb - jaune - amarillo

CODE	De mm	L mm	Z mm	g			€
681015450GU	15	29	7	40	5*	200	**8,27**
681018450GU	18	30,5	8,5	49	5*	200	**8,66**
681022450GU	22	34	10	70	5*	100	**10,74**
681028450GU	28	36	12	93	2*	100	**33,79**
681035450GU	35	41	15	132	2*	40	**48,64**
681042450GU	42	53	17	211	1*	30	**79,00**
681054450GU	54	62	21	305	1*	20	**110,60**

(*) unità minima di vendita / minimum selling quantity

B 70 78





681/451 GU

CURVA 45° MF

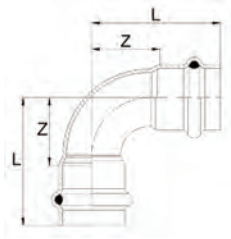
- 45° ELBOW MF
- BOGEN 45° IA
- COUDE MF 45°
- CURVA 45° HM

MATERIAL: Cu-DHP99,9 - CW024A
O-RING: HNBR giallo - yellow - Gelb - jaune - amarillo

CODE	De mm	L mm	H mm	Z mm	g			€
681015451GU	15	29	31	7	35	5*	200	**6,82**
681018451GU	18	30,5	32,5	8,5	44	5*	200	**8,83**
681022451GU	22	34	35	10	63	5*	100	**9,88**
681028451GU	28	36	45	12	88	2*	100	**33,47**
681035451GU	35	41	45,5	15	127	2*	40	**46,90**
681042451GU	42	53	63,5	17	208	1*	30	**73,55**
681054451GU	54	62	73,5	21	306	1*	20	**109,16**

(*) unità minima di vendita / minimum selling quantity

B 70 78





681/900 GU

CURVA 90° FF

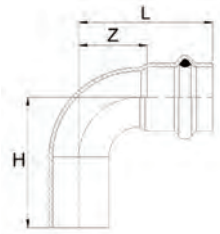
- 90° ELBOW FF
- BOGEN 90° II
- COUDE FF 90°
- CURVA 90° HH

MATERIAL: Cu-DHP99,9 - CW024A
O-RING: HNBR giallo - yellow - Gelb - jaune - amarillo

CODE	De mm	L mm	Z mm	g			€
681015900GU	15	38	16	46	5*	200	7,58
681018900GU	18	40	18	56	5*	160	9,88
681022900GU	22	49	26	87	5*	100	12,39
681028900GU	28	55	31	122	2*	60	25,90
681035900GU	35	61	35	169	2*	40	51,67
681042900GU	42	78	42	267	1*	25	98,48
681054900GU	54	95	54	401	1*	18	133,06

(*) unità minima di vendita / minimum selling quantity

B 70 78





681/901 GU

CURVA 90° MF

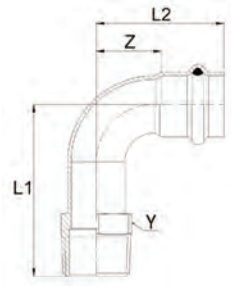
- 90° ELBOW MF
- BOGEN 90° IA
- COUDE MF 90°
- CURVA 90° HM

MATERIAL: Cu-DHP99,9 - CW024A
O-RING: HNBR giallo - yellow - Gelb - jaune - amarillo

CODE	De mm	L mm	H mm	Z mm	g			€
681015901GU	15	38	40	16	41	5*	200	7,07
681018901GU	18	40	43	18	52	5*	160	9,69
681022901GU	22	49	48	26	79	5*	100	12,63
681028901GU	28	55	57	31	114	2*	60	28,38
681035901GU	35	61	66	35	164	2*	40	50,99
681042901GU	42	78	88	42	264	1*	25	100,69
681054901GU	54	95	108	54	400	1*	18	134,66

(*) unità minima di vendita / minimum selling quantity

B 70 78





697 GU

CURVA FILETTATA 90° FILETTO M

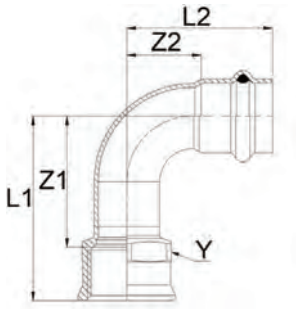
- 90° ELBOW MALE BSP
- BOGEN 90° MIT AG
- COUDE 90° AVEC FILETAGE M
- CODO A 90° MH

MATERIAL: Cu-DHP99,9 - CW024A
O-RING: HNBR giallo - yellow - Gelb - jaune - amarillo
THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x R mm x inch	L1 mm	L2 mm	Z mm	Y mm	g			€
697308015GU	15 x 3/8"	47	38	16	19	55	5*	150	**55,46**
697102015GU	15 x 1/2"	52	38	16	21,5	75	5*	150	**37,28**
697102018GU	18 x 1/2"	55	40	18	21,5	83	5*	150	**59,13**
697304018GU	18 x 3/4"	57	40	18	27	102	5*	100	**57,83**
697304022GU	22 x 3/4"	66	49	26	27	125	5*	100	**60,19**
697100028GU	28 x 1"	77	55	31	34	196	2*	50	**90,03**
697114035GU	35 x 1"1/4	91	61	35	43	301	2*	40	**119,69**
697112042GU	42 x 1"1/2	99	78	42	50	408	1*	30	**163,38**
697200054GU	54 x 2"	116	95	54	65	650	1*	20	**231,18**

(*) unità minima di vendita / minimum selling quantity

B 70 78





698 GU

CURVA FILETTATA 90° FILETTO F

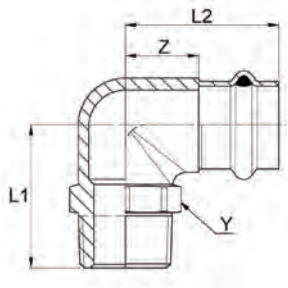
- 90° ELBOW FEMALE BSP
- BOGEN 90° MIT IG
- COUDE 90° AVEC FILETAGE F
- CODO A 90° HH

MATERIAL: Cu-DHP99,9 - CW024A
O-RING: HNBR giallo - yellow - Gelb - jaune - amarillo
THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x Rp mm x inch	L1 mm	L2 mm	Z1 mm	Z2 mm	Y mm	g			€
698308015GU	15 x 3/8"	44	38	32	16	21,5	62	5*	100	**54,00**
698102015GU	15 x 1/2"	50	38	34	16	24	74	5*	100	**23,01**
698304015GU	15 x 3/4"	51	38	34	16	30	96	5*	100	**53,05**
698102018GU	18 x 1/2"	53	40	37	18	24	82	5*	100	**51,66**
698304018GU	18 x 3/4"	54	40	37	18	30	103	5*	100	**57,34**
698102022GU	22 x 1/2"	59	49	43	26	27	124	5*	100	**61,73**
698304022GU	22 x 3/4"	63	49	46	26	30	130	5*	100	**36,41**
698100022GU	22 x 1"	67	49	47	26	37,5	173	5*	50	**57,83**
698304028GU	28 x 3/4"	67	55	50	31	34	184	2*	50	**64,74**
698100028GU	28 x 1"	72	55	52	31	37,5	195	2*	50	**66,35**
698114035GU	35 x 1"1/4	88	61	66	35	46	288	2*	40	**109,29**
698112042GU	42 x 1"1/2	94	78	72	42	53	403	1*	20	**140,95**
698200054GU	54 x 2"	110	95	74	54	65	588	1*	10	**223,75**

(*) unità minima di vendita / minimum selling quantity

B 70 78





697/B GU

GOMITO MISTO 90° FILETTO M

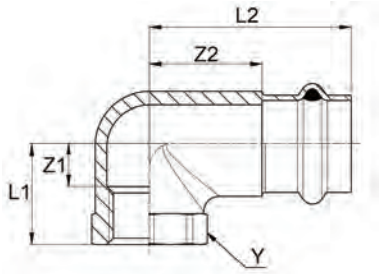
- ELBOW ADAPTER 90° WITH MALE THREAD
- ÜBERGANGSWINKEL 90° AG
- EQUERRE 90° AVEC FILETAGE M
- CODO MACHO

MATERIAL: CuZn21Si3P - CW724R
O-RING: HNBR giallo - yellow - Gelb - jaune - amarillo
THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x R mm x inch	L1 mm	L2 mm	Z mm	Y mm	g			€
697102015BGU	15 x 1/2"	35	39	17	24	106	5*	150	**35,42**
697102018BGU	18 x 1/2"	42	42	20	24	130	5*	120	**56,18**
697304018BGU	18 x 3/4"	41	46	24	30	163	5*	100	**54,93**
697304022BGU	22 x 3/4"	41	44	21	30	182	5*	80	**57,18**
697100028BGU	28 x 1"	58	58	34	36	378	2*	50	**85,52**
697114035BGU	35 x 1"1/4	58	58	32	45	465	2*	40	**113,70**
697112042BGU	42 x 1"1/2	65	65	29	50	582	1*	24	**155,20**
697200054BGU	54 x 2"	80	83	42	65	1173	1*	16	**219,62**

(*) unità minima di vendita / minimum selling quantity

B 70 78





698/B GU

GOMITO MISTO 90° FILETTO F

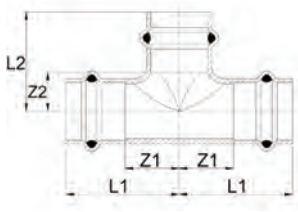
- ELBOW ADAPTER 90° WITH FEMALE THREAD
- ÜBERGANGSWINKEL 90° IG
- EQUERRE 90° AVEC FILETAGE F
- CODO HEMBRA

MATERIAL: CuZn21Si3P - CW724R
O-RING: HNBR giallo - yellow - Gelb - jaune - amarillo
THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x Rp mm x inch	L1 mm	L2 mm	Z1 mm	Z2 mm	Y mm	g			€
698102015BGU	15 x 1/2"	22	44	15	22	28	108	5*	150	**21,86**
698304015BGU	15 x 3/4"	25	50	18	28	34	149	5*	100	**50,41**
698102018BGU	18 x 1/2"	22	46	14	24	28	117	5*	150	**49,08**
698304018BGU	18 x 3/4"	24	50	18	28	34	154	5*	100	**54,48**
698102022BGU	22 x 1/2"	26	52	15	29	28	159	5*	100	**58,64**
698304022BGU	22 x 3/4"	27	52	18	29	34	187	5*	100	**34,59**
698100022BGU	22 x 1"	29	59	20	36	43	280	5*	50	**54,93**
698100028BGU	28 x 1"	33	59	20	35	43	321	2*	50	**63,03**
698114035BGU	35 x 1"1/4	39	66	24	40	52	492	2*	40	**103,82**
698112042BGU	42 x 1"1/2	43	77	24	41	57	596	1*	30	**133,89**
698200054BGU	54 x 2"	55	97	30	56	72	1192	1*	16	**212,57**

(*) unità minima di vendita / minimum selling quantity

B 70 78





682 GU

"T"

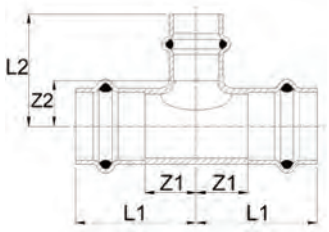
- EQUAL TEE
- T-STÜCK
- TÉ ÉGAL
- TE IGUAL HHH

MATERIAL: Cu-DHP99,9 - CW024A
O-RING: HNBR giallo - yellow - Gelb - jaune - amarillo

CODE	De mm	L1 mm	L2 mm	Z1 mm	Z2 mm	g			€
682015000GU	15	40	33	18	11	81	5*	100	**11,31**
682018000GU	18	42	35	20	13	99	5*	100	**15,38**
682022000GU	22	44	38	21	15	131	5*	80	**19,81**
682028000GU	28	48	43	24	19	180	2*	60	**35,81**
682035000GU	35	52	48	26	22	240	2*	30	**60,59**
682042000GU	42	65	65	29	29	376	1*	20	**117,66**
682054000GU	54	75	75	34	34	579	1*	16	**145,47**

(*) unità minima di vendita / minimum selling quantity

B 70 78





692 GU

"T" RIDOTTO

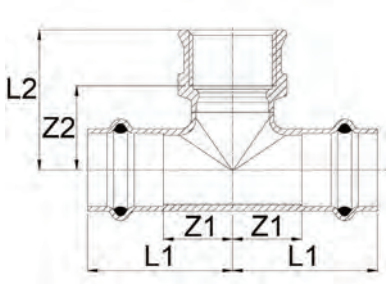
- REDUCING TEE
- T-STÜCK MIT REDUZIERTEM ABGANG
- TÉ RÉDUIT
- TE REDUCIDA HHH

MATERIAL: Cu-DHP99,9 - CW024A
O-RING: HNBR giallo - yellow - Gelb - jaune - amarillo

CODE	De mm	L1 mm	L2 mm	Z1 mm	Z2 mm	g			€
692018015GU	18 x 15 x 18	40	35	18	13	92	5*	100	**13,98**
692022015GU	22 x 15 x 22	40	37	17	15	112	5*	80	**16,73**
692022018GU	22 x 18 x 22	42	37	19	15	119	5*	80	**21,38**
692028015GU	28 x 15 x 28	40	44	16	22	140	2*	50	**40,76**
692028018GU	28 x 18 x 28	42	44	18	22	149	2*	50	**56,37**
692028022GU	28 x 22 x 28	44	42	20	19	159	2*	50	**40,68**
692035015GU	35 x 15 x 35	44	48	18	26	185	2*	30	**59,99**
692035018GU	35 x 18 x 35	44	48	18	26	188	2*	30	**63,50**
692035022GU	35 x 22 x 35	46	49	20	26	202	2*	30	**55,08**
692035028GU	35 x 28 x 35	48	46	22	22	213	2*	30	**57,99**
692042022GU	42 x 22 x 42	53	55	17	32	270	1*	20	**105,21**
692042028GU	42 x 28 x 42	55	56	19	32	287	1*	20	**106,79**
692042035GU	42 x 35 x 42	58	55	22	29	310	1*	20	**110,60**
692054022GU	54 x 22 x 54	60	61	19	38	368	1*	12	**165,11**
692054028GU	54 x 28 x 54	62	62	21	38	387	1*	12	**170,24**
692054035GU	54 x 35 x 54	66	64	25	38	423	1*	12	**176,68**
692054042GU	54 x 42 x 54	69	71	28	35	509	1*	12	**132,21**

(*) unità minima di vendita / minimum selling quantity

B 70 78





689 GU

"T" CON DERIVAZIONE FILETTO F

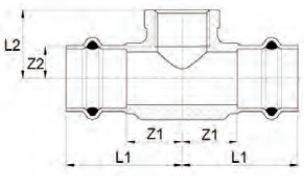
- BRANCH TEE FEMALE BSP OUTLET
- T-STÜCK MIT ABGANG IG
- TÉ MIXTE AVEC FILETAGE F
- TE HEMBRA ROSCADA

MATERIAL: Cu-DHP99,9 - CW024A
O-RING: HNBR giallo - yellow - Gelb - jaune - amarillo
THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x Rp x De mm x inch x mm	L1 mm	L2 mm	Z1 mm	Z2 mm	g			€
689102015GU	15 x 1/2" x 15	40	39	18	23	105	5*	100	37,24
689102018GU	18 x 1/2" x 18	40	40,5	18	24,5	116	5*	100	64,70
689102022GU	22 x 1/2" x 22	44	39,5	21	23,5	161	5*	100	52,22
689304022GU	22 x 3/4" x 22	44	43,5	21	26,5	169	5*	50	74,89
689102028GU	28 x 1/2" x 28	44	42,5	20	26,5	188	2*	50	65,48
689304028GU	28 x 3/4" x 28	44	46,5	20	29,5	196	2*	50	84,74
689100028GU	28 x 1" x 28	48	50	24	30	245	2*	50	88,21
689102035GU	35 x 1/2" x 35	46	47	20	31	229	2*	50	91,23
689102042GU	42 x 1/2" x 42	53	51	17	35	295	1*	20	110,66
689102054GU	54 x 1/2" x 54	60	58	19	42	392	1*	14	131,88

(*) unità minima di vendita / minimum selling quantity

B 70 78





689/B GU

"T" CON DERIVAZIONE FILETTO F

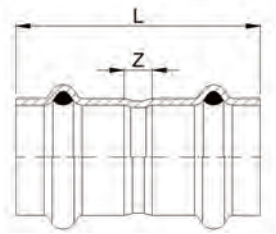
- BRANCH TEE FEMALE BSP OUTLET
- T-STÜCK MIT ABGANG IG
- TÉ MIXTE AVEC FILETAGE F
- TE HEMBRA ROSCADA

MATERIAL: CuZn21Si3P - CW724R
O-RING: HNBR giallo - yellow - Gelb - jaune - amarillo
THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x Rp x De mm x inch x mm	L1 mm	L2 mm	Z1 mm	Z2 mm	g			€
689102015BGU	15 x 1/2" x 15	43,5	22,5	21,5	8,5	137	5*	100	35,39
689102018BGU	18 x 1/2" x 18	44	24	22	10	157	5*	100	61,46
689102022BGU	22 x 1/2" x 22	45	26	22	12	183	5*	100	49,61
689304022BGU	22 x 3/4" x 22	48	30	25	14	213	5*	50	71,14
689102028BGU	28 x 1/2" x 28	47,5	29	23,5	15	233	2*	50	62,20
689304028BGU	28 x 3/4" x 28	50	30	26	14	254	2*	50	80,51
689100028BGU	28 x 1" x 28	54	34	30	16	322	2*	50	83,81
689102035BGU	35 x 1/2" x 35	50,5	34	24,5	19	315	2*	50	86,67
689102042BGU	42 x 1/2" x 42	63	38	27	23	461	1*	20	105,13
689102054BGU	54 x 1/2" x 54	74	44	33	30	671	1*	14	125,29

(*) unità minima di vendita / minimum selling quantity

B 70 78





683/000 GU

MANICOTTO

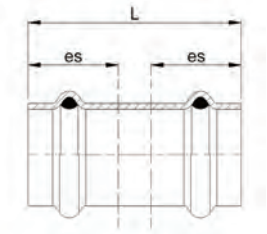
- COUPLING
- MUFFE
- MANCHON
- MANGUITO HH

MATERIAL: Cu-DHP99,9 - CW024A
O-RING: HNBR giallo - yellow - Gelb - jaune - amarillo

CODE	De mm	L mm	Z mm	g			€
6830150000GU	15	49	5	36	5*	200	**7,07**
6830180000GU	18	49,5	5,5	42	5*	200	**9,01**
6830220000GU	22	52	6	57	5*	200	**10,62**
6830280000GU	28	55	7	76	2*	100	**20,41**
6830350000GU	35	59	7	102	2*	50	**25,33**
6830420000GU	42	80	8	170	1*	40	**47,63**
6830540000GU	54	90	8	236	1*	24	**59,87**

(*) unità minima di vendita / minimum selling quantity

B 70 78





683/001 GU

MANICOTTO PASSANTE

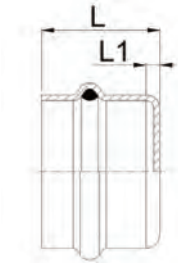
- SLIP COUPLING
- SCHIEBEMUFFE
- MANCHON LONG
- MANGUITO SIN TOPE

MATERIAL: Cu-DHP99,9 - CW024A
O-RING: HNBR giallo - yellow - Gelb - jaune - amarillo

CODE	De mm	L mm	es mm	g			€
6830150001GU	15	49	22	36	5*	200	**7,70**
6830180001GU	18	49,5	22	42	5*	200	**9,14**
6830220001GU	22	52	23	57	5*	200	**10,74**
6830280001GU	28	55	24	76	2*	80	**19,81**
6830350001GU	35	59	26	102	2*	50	**25,80**
6830420001GU	42	80	36	170	1*	40	**46,90**
6830540001GU	54	90	41	236	1*	20	**60,59**

(*) unità minima di vendita / minimum selling quantity

B 70 78





683/003 GU

TAPPO DI CHIUSURA

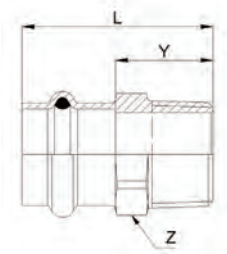
- STOP END
- VERSCHLUSSKAPPE
- BOUCHON D'OBTURATION
- TAPÓN

MATERIAL: Cu-DHP99,9 - CW024A
O-RING: HNBR giallo - yellow - Gelb - jaune - amarillo

CODE	De mm	L mm	L1 mm	g			€
683015003GU	15	25,5	3,5	20	5*	500	**14,81**
683018003GU	18	25,5	3,5	23	5*	300	**19,48**
683022003GU	22	26,5	3,5	33	5*	200	**25,58**
683028003GU	28	27,5	3,5	45	2*	150	**39,57**
683035003GU	35	30	4	62	2*	100	**43,15**
683042003GU	42	40	4	101	1*	80	**66,61**
683054003GU	54	46	5	145	1*	40	**81,28**

(*) unità minima di vendita / minimum selling quantity

B 70 78





687 GU

MANICOTTO MISTO FILETTO M

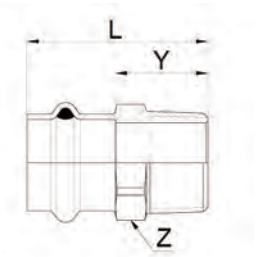
- MALE ADAPTER
- ÜBERGANGSSTÜCK MIT AG
- RACCORD AVEC FILETAGE MALE
- UNIÓN MACHO

MATERIAL: Cu-DHP99,9 - CW024A
O-RING: HNBR giallo - yellow - Gelb - jaune - amarillo
THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x R mm x inch	L mm	Z mm	Y mm	g			€
687308015GU	15 x 3/8"	40	19	18	37	5*	300	**12,83**
687102015GU	15 x 1/2"	44	22	22	54	5*	300	**8,31**
687304015GU	15 x 3/4"	46	27	24	70	5*	200	**17,01**
687102018GU	18 x 1/2"	44	22	22	57	5*	300	**10,61**
687304018GU	18 x 3/4"	46	27	24	72	5*	200	**12,13**
687102022GU	22 x 1/2"	45	27	22	79	5*	200	**17,48**
687304022GU	22 x 3/4"	47	27	24	77	5*	200	**15,72**
687100022GU	22 x 1"	52	34	29	126	5*	100	**21,11**
687304028GU	28 x 3/4"	48	34	24	107	2*	100	**47,98**
687100028GU	28 x 1"	53	34	29	127	2*	100	**29,33**
687114028GU	28 x 1"1/4	55	43	31	187	2*	60	**60,44**
687100035GU	35 x 1"	56	40	29	162	2*	100	**66,83**
687114035GU	35 x 1"1/4	57	43	31	188	2*	50	**64,09**
687112035GU	35 x 1"1/2	57	49	31	233	2*	50	**69,37**
687114042GU	42 x 1"1/4	67	49	31	256	1*	40	**87,16**
687112042GU	42 x 1"1/2	68	49	32	252	1*	40	**89,83**
687112054GU	54 x 1"1/2	73	61	32	370	1*	32	**151,44**
687200054GU	54 x 2"	78	61	37	372	1*	32	**173,24**

(*) unità minima di vendita / minimum selling quantity

B 70 78





687/B GU

MANICOTTO MISTO FILETTO M

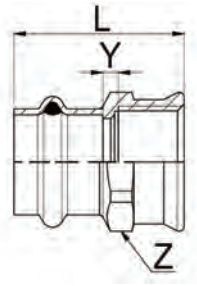
- MALE ADAPTER
- ÜBERGANGSSTÜCK MIT AG
- RACCORD AVEC FILETAGE MALE
- UNIÓN MACHO

MATERIAL: CuZn21Si3P - CW724R
O-RING: HNBR giallo - yellow - Gelb - jaune - amarillo
THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x R mm x inch	L mm	Z mm	Y mm	g			€
687308015BGU	15 x 3/8"	40	19	18	37	5*	300	**12,19**
687102015BGU	15 x 1/2"	44	21,5	22	54	5*	300	**7,90**
687304015BGU	15 x 3/4"	46	27	24	70	5*	200	**16,15**
687102018BGU	18 x 1/2"	44	21,5	22	56	5*	300	**10,07**
687304018BGU	18 x 3/4"	46	27	24	71	5*	200	**11,52**
687102022BGU	22 x 1/2"	45	27	22	77	5*	200	**16,61**
687304022BGU	22 x 3/4"	47	27	24	75	5*	200	**14,93**
687100022BGU	22 x 1"	52	34	29	124	5*	100	**20,06**
687304028BGU	28 x 3/4"	48	34	24	104	2*	100	**45,58**
687100028BGU	28 x 1"	53	34	29	124	2*	100	**27,87**
687114028BGU	28 x 1"1/4	55	43	31	184	2*	60	**57,42**
687100035BGU	35 x 1"	55	40	29	160	2*	100	**63,49**
687114035BGU	35 x 1"1/4	57	43	31	186	2*	50	**60,89**
687112035BGU	35 x 1"1/2	57	49	31	231	2*	50	**65,90**
687114042BGU	42 x 1"1/4	67	49	31	254	1*	40	**82,80**
687112042BGU	42 x 1"1/2	68	49	32	249	1*	40	**85,33**
687112054BGU	54 x 1"1/2	73	61	32	369	1*	32	**143,88**
687200054BGU	54 x 2"	78	61	37	367	1*	32	**164,57**

(*) unità minima di vendita / minimum selling quantity

B 70 78





690 GU

MANICOTTO MISTO FILETTO F

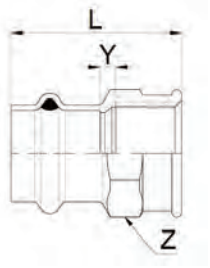
- FEMALE ADAPTER
- ÜBERGANGSSTÜCK MIT IG
- RACCORD AVEC FILETAGE FEMELLE
- UNIÓN HEMBRA

MATERIAL: Cu-DHP99,9 - CW024A
O-RING: HNBR giallo - yellow - Gelb - jaune - amarillo
THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x Rp mm x inch	L mm	Z mm	Y mm	g			€
690308015GU	15 x 3/8"	36	21,5	2	41	5*	240	**11,19**
690102015GU	15 x 1/2"	43	24	5	53	5*	240	**10,33**
690304015GU	15 x 3/4"	43	30	4	76	5*	240	**21,33**
690102018GU	18 x 1/2"	42,5	24	4,5	56	5*	240	**14,44**
690304018GU	18 x 3/4"	43	30	4	76	5*	200	**28,15**
690102022GU	22 x 1/2"	43	26,5	4	82	5*	200	**15,89**
690304022GU	22 x 3/4"	44	30	4	80	5*	150	**17,36**
690100022GU	22 x 1"	47	37,5	4	121	5*	100	**25,84**
690102028GU	28 x 1/2"	42	34	2	137	2*	100	**50,96**
690304028GU	28 x 3/4"	43	34	2,5	115	2*	100	**56,32**
690100028GU	28 x 1"	47	37,5	3	121	2*	100	**31,77**
690114028GU	28 x 1"1/4	54	46	8	181	2*	100	**58,34**
690304035GU	35 x 3/4"	45	40	2	182	2*	80	**67,53**
690100035GU	35 x 1"	48	40	1,5	159	2*	80	**71,23**
690114035GU	35 x 1"1/4	55	46	7	183	2*	50	**70,37**
690114042GU	42 x 1"1/4	60	49	4	237	1*	40	**99,44**
690112042GU	42 x 1"1/2	64	53	6	251	1*	40	**102,03**
690200054GU	54 x 2"	73	65	6	359	1*	20	**177,73**

(*) unità minima di vendita / minimum selling quantity

B 70 78





690/B GU

MANICOTTO MISTO FILETTO F

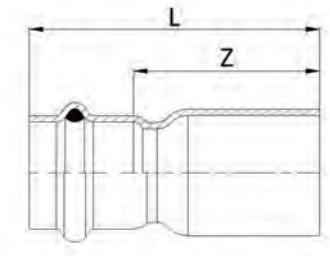
- FEMALE ADAPTER
- ÜBERGANGSSTÜCK MIT IG
- RACCORD AVEC FILETAGE FEMELLE
- UNIÓN HEMBRA

MATERIAL: CuZn21Si3P - CW724R
O-RING: HNBR giallo - yellow - Gelb - jaune - amarillo
THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x Rp mm x inch	L mm	Z mm	Y mm	g			€
690308015BGU	15 x 3/8"	36	21,5	2	41	5*	240	**10,64**
690102015BGU	15 x 1/2"	43	24	5	53	5*	240	**9,82**
690304015BGU	15 x 3/4"	43	30	4	75	5*	240	**20,26**
690102018BGU	18 x 1/2"	42,5	24	4,5	56	5*	240	**13,71**
690304018BGU	18 x 3/4"	43	30	4	76	5*	200	**26,74**
690102022BGU	22 x 1/2"	43	26,5	4	82	5*	200	**15,10**
690304022BGU	22 x 3/4"	44	30	4	80	5*	150	**16,48**
690100022BGU	22 x 1"	47	37,5	4	120	5*	100	**24,54**
690102028BGU	28 x 1/2"	42	34	2	137	2*	100	**48,40**
690304028BGU	28 x 3/4"	43	34	-	114	2*	100	**53,50**
690100028BGU	28 x 1"	47	37,5	3	120	2*	100	**30,19**
690114028BGU	28 x 1"1/4	54	46	8	181	2*	100	**55,42**
690304035BGU	35 x 3/4"	45	40	2	182	2*	80	**64,16**
690100035BGU	35 x 1"	48	40	-	159	2*	80	**67,67**
690114035BGU	35 x 1"1/4	55	46	7	183	2*	50	**66,84**
690114042BGU	42 x 1"1/4	60	49	4	237	1*	40	**94,47**
690112042BGU	42 x 1"1/2	64	53	6	250	1*	40	**96,92**
690200054BGU	54 x 2"	73	65	6	358	1*	20	**168,84**

(*) unità minima di vendita / minimum selling quantity

B 70 78





691 GU

RIDUZIONE MF

- REDUCER MF
- REDUZIERSTÜCK A/I
- REDUCTION MF
- REDUCCIÓN MH

MATERIAL: Cu-DHP99,9 - CW024A
O-RING: HNBR giallo - yellow - Gelb - jaune - amarillo

CODE	De mm	L mm	Z mm	g			€
691018015GU	18 x 15	56	34	37	5*	200	**6,38**
691022015GU	22 x 15	60	38	44	5*	200	**7,58**
691022018GU	22 x 18	58	36	46	5*	200	**7,95**
691028015GU	28 x 15	67	45	57	2*	150	**19,19**
691028018GU	28 x 18	65	43	59	2*	150	**19,65**
691028022GU	28 x 22	64	41	68	2*	150	**20,19**
691035022GU	35 x 22	71	48	86	2*	100	**23,87**
691035028GU	35 x 28	68	44	91	2*	80	**26,05**
691042022GU	42 x 22	89	66	126	1*	80	**40,76**
691042028GU	42 x 28	87	63	132	1*	80	**39,72**
691042035GU	42 x 35	85	59	143	1*	40	**38,76**
691054035GU	54 x 35	97	71	194	1*	40	**54,15**
691054042GU	54 x 42	104	68	222	1*	32	**51,82**

(*) unità minima di vendita / minimum selling quantity

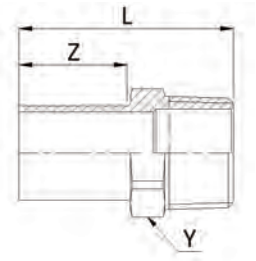
Be different
Be UNIKO®

M & V PROFILE COMPATIBLE

inoxPRES UNIKO®
inoxPRES® UNIKO® 304L
AESPRES UNIKO®
AESPRES UNIKO® GAS

RACCORDERIE METALLICHE

B 70 77





669/M U

MANICOTTO CON INSERIMENTO FILETTO M

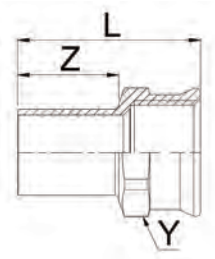
- MALE REDUCTION SOCKET
- ÜBERGANG AUSSENGEWINDE MIT EINSCHUBENDE
- MANCHON DE RÉDUCTION FILETÉ
- ADAPTADOR MACHO

MATERIAL: Cu-DHP99,9 - CW024A
THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x R mm x inch	L mm	Z mm	Y mm	g			€
669102115U	15 x 1/2"	47	25	22	51	10*	300	**27,29**
669102118U	18 x 1/2"	47	25	22	53	10*	300	**28,38**
669304118U	18 x 3/4"	49	25	27	71	10*	200	**30,34**
669102122U	22 x 1/2"	48	26	24	63	10*	200	**43,79**
669304122U	22 x 3/4"	50	26	27	72	10*	200	**45,81**
669304128U	28 x 3/4"	53	29	30	83	5*	150	**66,39**
669100128U	28 x 1"	58	29	34	121	5*	100	**69,15**
669114135U	35 x 1"1/4	62	31	43	188	5*	40	**88,66**
669112142U	42 x 1"1/2	78	46	50	255	2*	40	**132,23**
669200154U	54 x 2"	88	51	65	414	2*	20	**140,77**

(*) unità minima di vendita / minimum selling quantity

B 70 77





669/F U

MANICOTTO CON INSERIMENTO FILETTO F

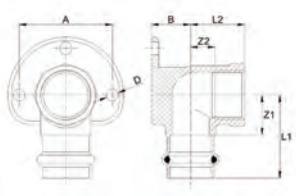
- FEMALE REDUCTION SOCKET
- ÜBERGANG INNENGEWINDE MIT EINSCHUBENDE
- MANCHON DE RÉDUCTION AVEC TARAUDAGE
- ADAPTADOR HEMBRA

MATERIAL: Cu-DHP99,9 - CW024A
THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x Rp mm x inch	L mm	Z mm	Y mm	g			€
669308015U	15 x 3/8"	40	25	21,5	40	10*	300	**30,23**
669102015U	15 x 1/2"	46	25	24	51	10*	300	**30,34**
669102018U	18 x 1/2"	46	25	24	55	10*	200	**31,05**
669304018U	18 x 3/4"	46	25	30	72	10*	200	**30,88**
669102022U	22 x 1/2"	47	26	27	80	10*	200	**38,88**
669304022U	22 x 3/4"	47	26	30	77	10*	200	**44,84**
669304028U	28 x 3/4"	47	29	34	107	5*	150	**67,70**
669100028U	28 x 1"	53	29	37,5	116	5*	100	**68,78**
669114035U	35 x 1"1/4	60	31	46	183	5*	50	**119,89**
669112042U	42 x 1"1/2	74	46	53	253	2*	40	**133,96**
669200154U	54 x 2"	83	51	65	367	2*	10	**226,63**

(*) unità minima di vendita / minimum selling quantity

B 70 78





685/000 GU

GOMITO MISTO 90° FF

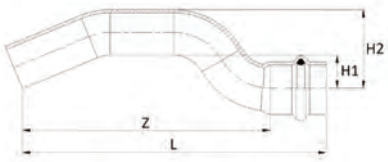
- WALL PLATE ELBOW 90° WITH FEMALE THREAD
- DECKENWINKEL 90° IG
- EQUERRE 90° FF
- CODO PLACA HH

MATERIAL: CuZn21Si3P - CW724R
O-RING: HNBR giallo - yellow - Gelb - jaune - amarillo
THREAD: EN 10226-1 (ex ISO 7/1)

CODE	De x Rp mm x inch	L1 mm	L2 mm	Z1 mm	Z2 mm	A mm	B mm	D mm	g			€
685102015GU	15 x 1/2"	43,5	22,5	21,5	6,5	40	14	6,5	181	5*	100	**23,01**
685102018GU	18 x 1/2"	43,5	24	21,5	8	40	15	6,5	192	5*	100	**51,66**
685304022GU	22 x 3/4"	44,5	29	21,5	13	50	20	6,5	246	5*	50	**36,41**

(*) unità minima di vendita / minimum selling quantity

B 70 78





679/001 GU

"S" DI SCAVALCAMENTO MF

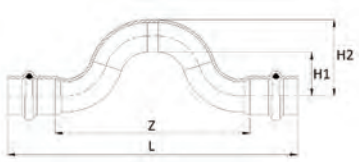
- PIPE BRIDGE MF
- SPRUNGBOGEN A/I
- "S" DE CHEVAUCHEMENT MF
- "S" DE SUPERPOSICIÓN MH

MATERIAL: Cu-DHP99,9 - CW024A
O-RING: HNBR giallo - yellow - Gelb - jaune - amarillo

CODE	De mm	L mm	Z mm	H1 mm	H2 mm	g			€
679015001GU	15	115	93	12	27	70	5*	100	**17,77**
679018001GU	18	120	98	13	31	87	5*	100	**26,50**
679022001GU	22	141	118	17	39	136	5*	50	**34,04**

(*) unità minima di vendita / minimum selling quantity

B 70 78





679/002 GU

"S" DI SCAVALCAMENTO FF

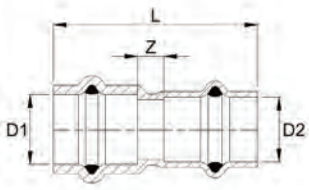
- PIPE BRIDGE FF
- SPRUNGBOGEN I/I
- "S" DE CHEVAUCHEMENT FF
- "S" DE SUPERPOSICIÓN HH

MATERIAL: Cu-DHP99,9 - CW024A
O-RING: HNBR giallo - yellow - Gelb - jaune - amarillo

CODE	De mm	L mm	Z mm	H1 mm	H2 mm	g			€
679015002GU	15	134	90	20	35	91	5*	100	**46,51**
679018002GU	18	144	100	20	38	115	5*	100	**50,23**
679022002GU	22	161	115	23	45	163	5*	50	**57,99**

(*) unità minima di vendita / minimum selling quantity

B 70 78





683/000A GU

MANICOTTO ADATTATORE

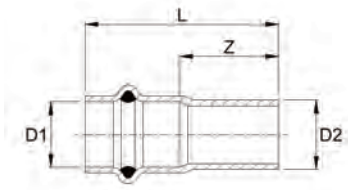
- COUPLING ADAPTER
- MUFFE ADAPTER
- MANCHON ADAPTATEUR
- MANGUITO HH ADAPTADOR

MATERIAL: Cu-DHP99,9 - CW024A
O-RING: HNBR giallo - yellow - Gelb - jaune - amarillo

CODE		De mm	D1 mm	D2 mm	L mm	Z mm	g			€
683015014GU	(1)	15 x 14	15	14	52	6,5	53	5*	250	**18,25**
683015016GU	(2)	15 x 16	15	16	52	6,5	61	5*	250	**19,90**
683018016GU	(2)	18 x 16	18	16	53	7,5	72	5*	250	**19,90**

(*) unità minima di vendita / minimum selling quantity
(1) La connessione DN 14 mm deve essere pressata con ganascia da 15 mm; Press connection DN 14 mm should be carried out with a size 15 mm press jaw; Die Pressverbindung DN 14 soll mit einer 15 mm Pressbacke verpresst werden; Le sertissage en DN 14 mm doit être réalisé avec une mâchoire à sertir de 15 mm; La conexión a prensar DN 14 mm debe realizarse con una mordaza de 15 mm.
(2) La connessione DN 16 mm deve essere pressata con ganascia da 18 mm; Press connection DN 16 mm should be carried out with a size 18 mm press jaw; Die Pressverbindung DN 16 soll mit einer 18 mm Pressbacke verpresst werden; Le sertissage en DN 16 mm doit être réalisé avec une mâchoire à sertir de 18 mm; La conexión a prensar DN 16 mm debe realizarse con una mordaza de 18 mm.

B 70 78





669/FA GU

MANICOTTO CON INSERIMENTO - ADATTATORE

- REDUCTION SOCKET - ADAPTER
- ÜBERGANG MIT EINSCHUBENDE - ADAPTER
- MANCHON DE RÉDUCTION - ADAPTATEUR
- MANGUITO ADAPTADOR HEMBRA

MATERIAL: Cu-DHP99,9 - CW024A
O-RING: HNBR giallo - yellow - Gelb - jaune - amarillo

CODE		De mm	D1 mm	D2 mm	L mm	Z mm	g			€
669014015GU	(1)	14 x 15	14	15	52	28,5	48	5*	250	**13,13**
669016015GU	(2)	16 x 15	16	15	53	29,5	63	5*	250	**14,91**
669016018GU	(2)	16 x 18	16	18	53	29,5	64	5*	250	**18,38**

(*) unità minima di vendita / minimum selling quantity
(1) La connessione DN 14 mm deve essere pressata con ganascia da 15 mm; Press connection DN 14 mm should be carried out with a size 15 mm press jaw; Die Pressverbindung DN 14 soll mit einer 15 mm Pressbacke verpresst werden; Le sertissage en DN 14 mm doit être réalisé avec une mâchoire à sertir de 15 mm; La conexión a prensar DN 14 mm debe realizarse con una mordaza de 15 mm.
(2) La connessione DN 16 mm deve essere pressata con ganascia da 18 mm; Press connection DN 16 mm should be carried out with a size 18 mm press jaw; Die Pressverbindung DN 16 soll mit einer 18 mm Pressbacke verpresst werden; Le sertissage en DN 16 mm doit être réalisé avec une mâchoire à sertir de 18 mm; La conexión a prensar DN 16 mm debe realizarse con una mordaza de 18 mm.

B 50 51



Novopress EFP 2 - EFP/AFP 201 - EFP/AFP 202 ECO/ACO 202 - ECO/ACO 203 - ACO 203XL

GANASCIA PER PRESSATRICE

TOOL V

- JAW
- PRESSBACKE
- MACHOIRE
- MORDAZA PINZA

CODE	De mm	kg		€
19601200NU	12	1,9	1	531,11
19601500NU	15	1,9	1	531,11
19601800NU	18	1,9	1	531,11
19602200NU	22	2	1	531,11
19602800NU	28	2	1	531,11
19603500NU	35	2	1	531,11

B 50 51



Novopress EFP 2 - EFP/AFP 201 - EFP/AFP 202 ECO/ACO 202 - ECO/ACO 203 - ACO 203XL

VALIGIA PER GANASCE Ø 15÷35

TOOL V

- CASE FOR JAWS Ø 15÷35
- LEER KOFFER FÜR PRESSBACKEN Ø 15÷35
- COFFRET POUR MACHOIRES Ø 15÷35
- CAJA PARA MORZADAS Ø 15÷35

CODE	De mm	kg		€
196015035NU	15 - 35	12,6	1	2836,93
196015035NV*	15 - 35	2,8	1	337,46

B 50 51



Novopress EFP 2 - EFP/AFP 201 - EFP/AFP 202 ECO/ACO 202 - ECO/ACO 203 - ACO 203X

CATENA SNAP-ON

TOOL V

- PIVOTING RING
- SCHWENKBARE PRESSRINGE
- ANNEAUX DE SERTISSAGE
- ANILLO DE PRENSAR

CODE	De mm	kg		€
19601502NU	15	0,601	1	603,45
19601802NU	18	0,366	1	603,45
19602202NU	22	0,320	1	621,55
19602802NU	28	0,410	1	645,69
19603502NU	35	0,710	1	645,69

B 50 51



Novopress EFP 2 - EFP/AFP 201 - EFP/AFP 202 ECO/ACO 202 - ECO/ACO 203 - ACO 203XL

ADATTATORE SZB201

- ADAPTER SZB201
- ADAPTER SZB201
- ADAPTATEUR SZB201
- ADAPTADOR SZB201

CODE	De mm	kg		€
196153502N	15 - 35	1,94	1	730,17

B 50 51



TOOL V

Novopress EFP 2 - EFP/AFP 201-202 ECO/ACO 202-203 - ACO 203XL - ECO301

CATENA PER PRESSATRICE

- PRESSING COLLAR
- PRESSSCHLINGE
- CHAÎNE
- MORDAZA CADENA

CODE	De mm	kg		€
19604200NU	42	1,6	1	2862,45
19605400NU	54	2,6	1	2969,16

B 50 51



Novopress EFP 2 - EFP/AFP 201 - EFP/AFP 202 ECO/ACO 202 - ECO/ACO 203 - ACO 203XL

ADATTATORE PER CATENE ZB203

- ADAPTER FOR COLLARS ZB203
- ZWISCHENBACKE FÜR PRESSSCHLINGEN ZB203
- ADAPTEUR POUR MACHOIRES ZB203
- ADAPTADOR PARA MORDAZAS ZB203

CODE	De mm	kg		€
196042054N	42 - 54	2,3	1	564,97

B 50 51



TOOL V

Novopress EFP 2 - EFP/AFP 201 - EFP/AFP 202 ECO/ACO 202 - ECO/ACO 203 - ACO 203XL

VALIGIA PER CATENE Ø 42÷54 + ADATTATORE ZB203

- CASE FOR PRESSING COLLARS Ø 42÷54 + ADAPTER ZB203
- LEER KOFFER FÜR PRESS SCHLINGEN Ø 42÷54 + ZWISCHENBACKE ZB203
- COFFRET POUR CHAÎNES Ø 42÷54 + ADAPTEUR ZB203
- CAJA PARA CADENA Ø 42÷54 + ADAPTADOR ZB203

CODE	De mm	kg		€
196042054VNU	42 - 54	8	1	6415,77
196042054V*	42 - 54	2,8	1	375,93

(*) Valigia vuota - Empty case - Leer Koffer - Coffret vide - Caja vacía

B 50 51



TOOL V

274/3 (ø 15÷54 mm)

MARCATORE UNIKO

- UNIKO MARKER
- UNIKO MARKIERLEHRE
- MARQUEUR UNIKO
- MARCATUBO UNIKO

CODE	De mm	g		€
274000003	15 - 54	26	50	1,93

B 50 52

O-Ring EPDM - Uniko Profile



NERO

- BLACK
- SCHWARZ
- NOIR
- NEGRO

NOTE: Impieghi / Application field / Einsatzgebiete / Champs d'application / Aplicaciones:
Idrosanitaria / riscaldamento / raffrescamento
Sanitary / Heating / Cooling
Sanitär / Heizung / Kühlung
Sanitaire / Chauffage /Circuits réfrigérants
Agua sanitaria / Calefacción / Circuito de refrigeración

Material: EPDM
Profilo Uniko - Uniko profile - Uniko Kontur - profil Uniko - perfil Uniko

	CODE	De mm	g		€
NEW	11501225N	12	1	20	0,32
NEW	11501425N	14	1	20	0,32
	11501525N	15	1	20	0,32
NEW	11501625N	16	1	20	0,37
	11501825N	18	1	20	0,37
	11502230N	22	1	20	0,48
	11502830N	28	2	20	0,53
	11503530N	35	2	20	0,67
	11504250N	42	5	20	0,86
	11505430N	54	6	20	0,92

B 50 52

O-Ring HNBR - Uniko Profile



GIALLO

- YELLOW
- GELB
- JAUNE
- AMARILLO

NOTE: Impieghi / Application field / Einsatzgebiete / Champs d'application / Aplicaciones:
Gas / Gas / Gas / Gaz / Gas

Material: HNBR
Profilo Uniko - Uniko profile - Uniko Kontur - profil Uniko - perfil Uniko

CODE	De mm	g		€
11501525GH	15	1	20	0,44
11501825GH	18	1	20	0,51
11502230GH	22	1	20	0,68
11502830GH	28	2	20	0,70
11503530GH	35	2	20	0,99
11504242GH	42	5	20	1,70
11505440GH	54	6	20	1,82

B 50 52



O-Ring FKM - Uniko Profile

VERDE

- GREEN
- GRÜN
- VERT
- VERDE

NOTE: Impieghi / Application field / Einsatzgebiete / Champs d'application / Aplicaciones:
Solare / Solar / Solar / Solaire / Solares
Olio / Pil / Öl / Huile / Aceite

Material: FKM
Profilo Uniko - Uniko profile - Uniko Kontur - profil Uniko - perfil Uniko

CODE	De mm	g		€
11501525V	15	1	20	0,69
11501825V	18	1	20	0,69
11502230V	22	1	20	1,01
11502830V	28	2	20	1,12
11503530V	35	2	20	1,56
11504250V	42	5	20	2,26
11505440V	54	6	20	2,72

B 50 52



115/EPDM

GUARNIZIONE EPDM

- EPDM GASKET
- DICHTUNG AUS EPDM
- JOINT EPDM
- JUNTA EN EPDM

NOTE: Impieghi / Application field / Einsatzgebiete / Champs d'application / Aplicaciones:
Idrosanitaria / riscaldamento / raffrescamento
Sanitary / Heating / Cooling
Sanitär / Heizung / Kühlung
Sanitaire / Chauffage /Circuits réfrigérants
Agua sanitaria / Calefacción / Circuito refrigeracion

	CODE	De mm	D1 mm	D2 mm	S mm	g		€
NEW	115683308E	12 -14	14,5	10	2,5	1	20	2,27
	115683102E	15 - 18	18	10	2,5	1	20	2,27
NEW	115683192E	14 - 16	18	13	2,5	1	20	2,27
	115683304E	15 - 18 - 22	24	14	2,5	1	20	2,27
	115683100E	18 - 22 - 28	30	20	2,5	1	20	2,27
	115683114E	28 - 35	39	27	2,5	2	20	2,48
	115683112E	35 - 42	44,5	30	2,5	3	20	2,67
	115183112E	35 - 42	44,5	34	2,5	3	20	2,67
	115183051E	28	47,5	37	2,5	3	20	2,67
	115183134E	42	50,5	40	2,5	3	20	3,43
	115183200E	42	56	42	2,5	4	20	3,43
	115183540E	54	65,5	53,5	3	4	20	4,37
	115183242E	42	66	56	2,5	4	20	4,37
	115183054E	54	71,5	53	3	5	20	4,37
	115183254E	54	79,5	69	2,5	5	20	4,37



115/FKM

GUARNIZIONE FKM

- FKM GASKET
- DICHTUNG AUS FKM
- JOINT FKM
- JUNTA EN FKM

NOTE: Impieghi / Application field / Einsatzgebiete / Champs d'application / Aplicaciones:
Solare / Solar / Solar / Solaire / Solares.

CODE	De mm	D1 mm	D2 mm	S mm	g		€
115683102F	15 - 18	18	10	3	1	20	**2,86**
115683304F	15 - 18 - 22	24	14	3	1	20	**2,86**
115683100F	18 - 22 - 28	30	20	3	1	20	**3,36**
115683114F	28 - 35	39	27	3	2	20	**5,19**
115183112F	35 - 42	44,5	34	3	3	20	**5,92**
115183051F	28	47,5	37	3	3	20	**6,45**
115183134F	42	50,5	40	3	4	20	**6,45**
115183200F	42 - 54	56	42	3	4	20	**10,44**
115183540F	54	65,5	53,5	3	4	20	**10,44**
115183242F	42	66	56	3	4	20	**16,24**
115183054F	54	71,5	53	3	5	20	**16,24**
115183254F	54	79,5	69	3	5	20	**19,33**



Sistemi di scarico

WASTE SYSTEMS

ABFLUSSSYSTEME

SYSTÈMES DE EVACUATION

SISTEMAS DE EVACUACIÓN

Raccorderie Metalliche Drain

RM DRAIN è un sistema di scarico composto da elementi tubiformi e raccordi in acciaio inossidabile AISI 316L (1.4404) a parete sottile, particolarmente adatto per convogliare, sia a gravità che sottovuoto, acque reflue frequentemente contaminate da sostanze organiche e chimiche corrosive. Il vasto assortimento dei componenti è disponibile in sette dimensioni, dal DN 40 al DN 150 (DN 200 in fase di realizzazione). Grazie alla loro elevata resistenza al fuoco (Certificati Classe A, non combustibili), consente di soddisfare molteplici installazioni, in particolare quelle in ambito navale (navi da crociera, navi militari, yacht, strutture offshore, ecc.).

RM DRAIN is a draining system consisting of tubes and joints in AISI 316L (1.4404) stainless steel, thin wall, suitable to convey, with gravity or under vacuum, waste waters which are frequently contaminated with organic or chemical corrosive substances. The wide range of products is availablein seven sizes, DN 40 to DN 150 (DN 200 work in progress). As they are consistently fire resistant, (certified class A, not combus-tible), they allow to comply with many installation requirements as for marine installations (cruise ships, military ships, yacht, offshore structures, etc.).













Il montaggio del sistema RM DRAIN richiede semplici e rapide operazioni manuali che non obbligano l'utilizzo di particolari e spesso costose attrezzature.

The RM DRAIN assembling procedure asks for simple and rapid manual operations, with no specific or expensive tool.



Verificare pulizia componenti / Verify the components' cleaning



Inserire guarnizione nel bicchiere / Insert the gasket into socket



Verificare posizionamento guarnizione / Verify the correct gasket's position



Marcatura quota d'innesto / Marking the insertion's depth



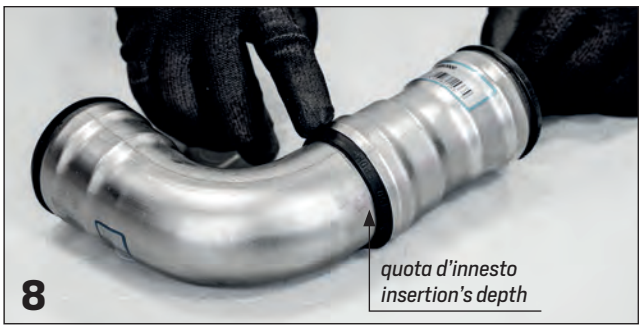
Lubrificazione zona interna guarnizione / Internal gasket lubrification



Inserimento tubo nel raccordo / Inserting of the pipe into the fitting



Pulizia di eventuale grasso residuo / Cleaning of the grease residual



Controllo completo inserimento del tubo nel bicchiere / Check of complete pipe's insertion into the fitting

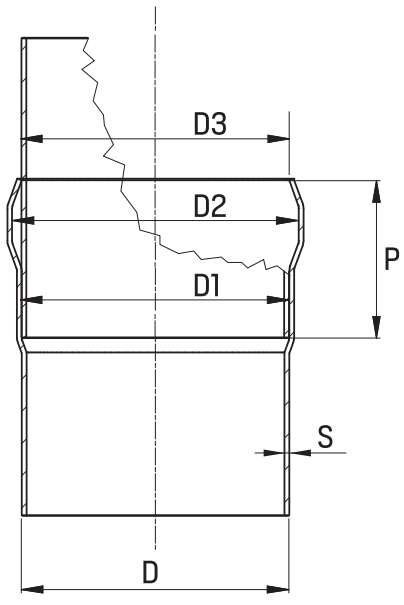
Certificazioni / Certifications

PIPES AND FITTINGS FOR VACUUM AND GRAVITY DRAIN SYSTEM – RM DRAIN		LR2466226TA
RM DRAIN TUBAZIONI DI SCARICO A GRAVITÀ E VUOTO RM DRAINING SYSTEMS – GRAVITY AND VACUUM		MAC – 118724CS
PIPES AND FITTINGS FOR VACUUM AND GRAVITY DRAIN SYSTEM – RM DRAIN		TAP000017F
PIPE, DUCT, TRUNK – RM DRAIN		MEDB00007F2

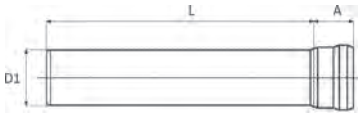
FOCUS ON

DIMENSIONI DEL BICCHIERE / *SOCKET SIZE*

DN	D mm	S mm	D1 mm	D2 mm	D3 mm	P mm
DN 40	42	1	45	48	45	30
DN 50	53	1	56	60	56	38
DN 65	73	1,25	76	81	76	55
DN 80	88,9	1,25	92	99	92	60
DN 100	102	1,25	106	114	107	70
DN 125	133	1,5	138	147	140	75
DN 150	159	1,5	164	176	168	80



B 100 101





802

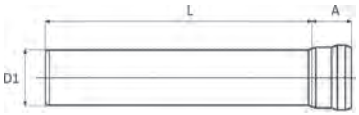
TUBO CON UN BICCHIERE

- PIPE WITH ONE SOCKET
- ROHR MIT EINER MUFFE
- TUYAU AVEC UNE EMBOITURE
- TUBO CON UN MANGUITO

MATERIAL: AISI 316L – 1.4404
GASKET: EPDM cod. 826/GV (Ø 40 ÷ 65)
EPDM cod. 826/G (Ø 80 ÷ 150)
NORM: EN 1124-3

CODE	DN	D1 mm	L mm	A mm	kg		€
802040025	40	42	250	30	0,295	1	26,01
802040050		42	500	30	0,550	1	34,92
802040075		42	750	30	0,810	1	46,49
802040100		42	1000	30	1,065	1	54,09
802040150		42	1500	30	1,580	1	76,88
802040200		42	2000	30	2,100	1	96,90
802040250		42	2500	30	2,610	1	121,08
802040300		42	3000	30	3,120	1	141,21
802050025	50	53	250	38	0,385	1	27,61
802050050		53	500	38	0,710	1	39,74
802050075		53	750	38	1,040	1	55,58
802050100		53	1000	38	1,365	1	64,95
802050150		53	1500	38	2,020	1	92,45
802050200		53	2000	38	2,670	1	120,39
802050250		53	2500	38	3,320	1	143,67
802050300		53	3000	38	3,970	1	173,89
802065025	65	73	250	55	0,710	1	39,98
802065050		73	500	55	1,270	1	61,08
802065075		73	750	55	1,850	1	88,40
802065100		73	1000	55	2,400	1	101,43
802065150		73	1500	55	3,550	1	141,75
802065200		73	2000	55	4,650	1	186,01
802065250		73	2500	55	5,800	1	225,79
802065300		73	3000	55	6,900	1	271,46
802080025	80	88,9	250	60	0,875	1	51,02
802080050		88,9	500	60	1,600	1	81,65
802080075		88,9	750	60	2,250	1	107,81
802080100		88,9	1000	60	2,950	1	125,45
802080150		88,9	1500	60	4,320	1	178,01
802080200		88,9	2000	60	5,700	1	231,93
802080250		88,9	2500	60	7,700	1	282,09
802080300		88,9	3000	60	8,450	1	341,04
802100025	100	102	250	70	1,050	1	56,93
802100050		102	500	70	1,850	1	87,56
802100075		102	750	70	2,620	1	126,73
802100100		102	1000	70	3,400	1	142,57
802100150		102	1500	70	4,980	1	204,79
802100200		102	2000	70	6,550	1	265,25
802100250		102	2500	70	8,130	1	325,75
802100300		102	3000	70	9,700	1	395,73
802125025	125	133	250	75	1,650	1	102,01
802125050		133	500	75	2,885	1	178,16

B 100 101





802

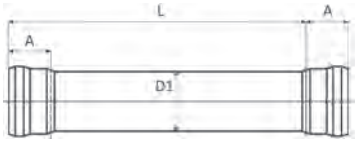
TUBO CON UN BICCHIERE

- PIPE WITH ONE SOCKET
- ROHR MIT EINER MUFFE
- TUYAU AVEC UNE EMBOITURE
- TUBO CON UN MANGUITO

MATERIAL: AISI 316L – 1.4404
GASKET: EPDM cod. 826/GV (Ø 40 ÷ 65)
EPDM cod. 826/G (Ø 80 ÷ 150)
NORM: EN 1124-3

CODE	DN	D1 mm	L mm	A mm	kg		€
802125075	125	133	750	75	4,125	1	245,09
802125100		133	1000	75	5,360	1	331,58
802125150		133	1500	75	7,830	1	463,91
802125200		133	2000	75	10,300	1	618,49
802125250		133	2500	75	12,775	1	753,47
802125300		133	3000	75	15,250	1	901,57
802150025	150	159	250	80	2,000	1	126,57
802150050		159	500	80	3,500	1	209,56
802150075		159	750	80	5,000	1	308,78
802150100		159	1000	80	6,450	1	396,19
802150150		159	1500	80	9,400	1	587,92
802150200		159	2000	80	12,400	1	757,66
802150250		159	2500	80	15,350	1	922,98
802150300		159	3000	80	18,300	1	1104,46

B 100 101





803

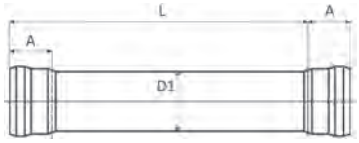
TUBO CON DUE BICCHIERI

- PIPE WITH TWO SOCKETS
- ROHR MIT ZWEI MUFFEN
- TUYAU AVEC DEUX EMBOITURES
- TUBO CON DOS MANGUITOS

MATERIAL: AISI 316L – 1.4404
GASKET: EPDM cod. 826/GV (Ø 40 ÷ 65)
EPDM cod. 826/G (Ø 80 ÷ 150)
NORM: EN 1124-3

CODE	DN	D1 mm	L mm	A mm	kg		€
8030400250	40	42	250	30	0,330	1	41,08
8030400500		42	500	30	0,580	1	50,84
8030400750		42	750	30	0,860	1	63,13
8030401000		42	1000	30	1,100	1	68,21
8030401500		42	1500	30	1,600	1	89,06
8030402000		42	2000	30	2,150	1	108,70
8030402500		42	2500	30	2,650	1	132,47
8030403000		42	3000	30	3,150	1	149,03
8030500250	50	53	250	38	0,420	1	47,76
8030500500		53	500	38	0,755	1	55,29
8030500750		53	750	38	1,080	1	69,36
8030501000		53	1000	38	1,400	1	81,65
8030501500		53	1500	38	2,100	1	108,82
8030502000		53	2000	38	2,700	1	135,08
8030502500		53	2500	38	3,350	1	163,10
8030503000		53	3000	38	4,010	1	189,06

B 100 101





803

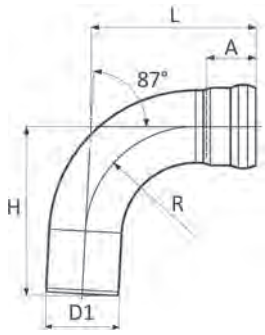
TUBO CON DUE BICCHIERI

- PIPE WITH TWO SOCKETS
- ROHR MIT ZWEI MUFFEN
- TUYAU AVEC DEUX EMBOITURES
- TUBO CON DOS MANGUITOS

MATERIAL: AISI 316L – 1.4404
GASKET: EPDM cod. 826/GV (Ø 40 ÷ 65)
EPDM cod. 826/G (Ø 80 ÷ 150)
NORM: EN 1124-3

CODE	DN	D1 mm	L mm	A mm	kg		€
8030650250	65	73	250	55	0,760	1	54,07
8030650500		73	500	55	1,330	1	74,52
8030650750		73	750	55	1,880	1	97,33
8030651000		73	1000	55	2,450	1	117,83
8030651500		73	1500	55	3,560	1	161,23
8030652000		73	2000	55	4,700	1	202,01
8030652500		73	2500	55	5,820	1	243,31
8030653000		73	3000	55	6,950	1	287,50
8030800750	80	88,9	750	60	2,300	1	112,32
8030801000		88,9	1000	60	3,000	1	140,34
8030801500		88,9	1500	60	4,360	1	193,67
8030802000		88,9	2000	60	5,780	1	247,55
8030802500		88,9	2500	60	7,110	1	305,25
8030803000		88,9	3000	60	8,480	1	355,27
8031000750	100	102	750	70	2,670	1	128,80
8031001000		102	1000	70	3,500	1	162,93
8031001500		102	1500	70	5,050	1	226,12
8031002000		102	2000	70	6,600	1	284,84
8031002500		102	2500	70	8,180	1	355,62
8031003000		102	3000	70	9,750	1	409,60
8031250750	125	133	750	75	4,200	1	250,35
8031251000		133	1000	75	5,400	1	333,31
8031251500		133	1500	75	7,900	1	477,52
8031252000		133	2000	75	10,350	1	628,83
8031252500		133	2500	75	12,950	1	763,50
8031253000		133	3000	75	15,300	1	918,46
8031500750	150	159	750	80	5,000	1	312,97
8031501000		159	1000	80	6,500	1	417,18
8031501500		159	1500	80	9,500	1	601,01
8031502000		159	2000	80	12,450	1	794,32
8031502500		159	2500	80	15,400	1	948,35
8031503000		159	3000	80	18,350	1	1145,24

B 100 102





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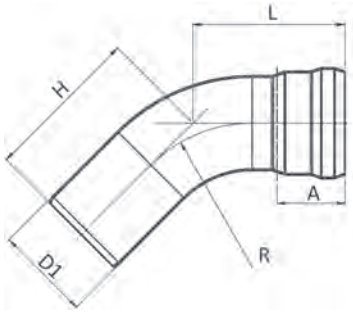
CURVA 87°

- ELBOW 87°
- ROHRBOGEN 87°
- COUDE 87°
- CURVA 87°

MATERIAL: AISI 316L – 1.4404
GASKET: EPDM cod. 826/GV (Ø 40 ÷ 65)
EPDM cod. 826/G (Ø 80)
NORM: EN 1124-3

CODE	DN	D1 mm	L mm	A mm	H mm	R mm	kg		€
804040087	40	42	102	30	105	63	0,193	1	**26,87**
804050087	50	53	130	38	133	80	0,310	1	**33,18**
804065087	65	73	172	55	176	110	0,700	1	**62,78**
804080087	80	88,9	199	60	204	133	1,180	1	**83,32**

B 100 102





804/45

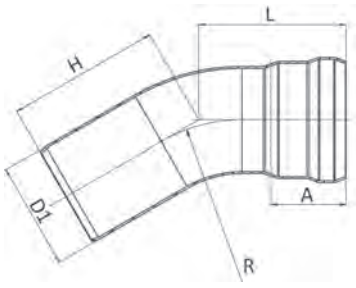
CURVA 45°

- ELBOW 45°
- ROHRBOGEN 45°
- COUDE 45°
- CURVA 45°

MATERIAL: AISI 316L – 1.4404
GASKET: EPDM cod. 826/GV (Ø 40 ÷ 65)
EPDM cod. 826/G (Ø 80)
NORM: EN 1124-3

CODE	DN	D1 mm	L mm	A mm	H mm	R mm	kg		€
804040045	40	42	68	30	71	63	0,146	1	**22,34**
804050045	50	53	85	38	88	80	0,229	1	**26,39**
804065045	65	73	112	55	117	110	0,521	1	**49,16**
804080045	80	88,9	128	60	133	133	0,864	1	**56,77**

B 100 102





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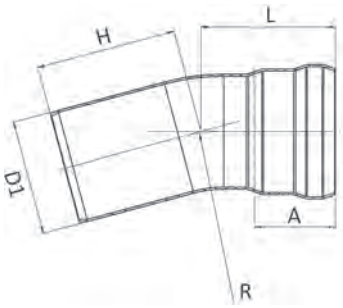
CURVA 30°

- ELBOW 30°
- ROHRBOGEN 30°
- COUDE 30°
- CURVA 30°

MATERIAL: AISI 316L – 1.4404
GASKET: EPDM cod. 826/GV (Ø 40 ÷ 65)
EPDM cod. 826/G (Ø 80)
NORM: EN 1124-3

CODE	DN	D1 mm	L mm	A mm	H mm	R mm	kg		€
804040030	40	42	59	30	62	63	0,129	1	**29,37**
804050030	50	53	73	38	76	80	0,201	1	**29,68**
804065030	65	73	98	55	102	110	0,462	1	**42,83**
804080030	80	88,9	109	60	114	133	0,752	1	**67,56**

B 100 102





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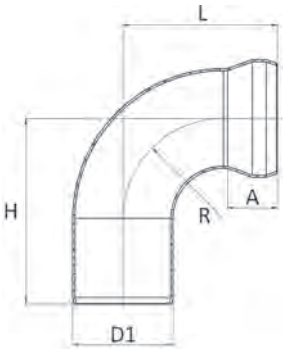
CURVA 15°

- ELBOW 15°
- ROHRBOGEN 15°
- COUDE 15°
- CURVA 15°

MATERIAL: AISI 316L – 1.4404
GASKET: EPDM cod. 826/GV (Ø 40 ÷ 65)
EPDM cod. 826/G (Ø 80)
NORM: EN 1124-3

CODE	DN	D1 mm	L mm	A mm	H mm	R mm	kg		€
804040015	40	42	51	30	54	63	0,114	1	**34,16**
804050015	50	53	62	38	65	80	0,173	1	**40,91**
804065015	65	73	82	55	86	110	0,393	1	**42,89**
804080015	80	88,9	90	60	95	133	0,632	1	**72,14**

B 100 102





805/T

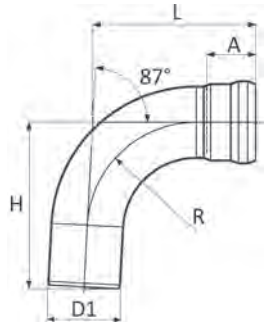
CURVA TECNICA 87°

- TECNICAL ELBOW 87°
- TECHNISCHE ROHRBOGEN 87°
- COUDE TECHNIQUE 87°
- CURVA TÉCNICA 87°

MATERIAL: AISI 316L – 1.4404
GASKET: EPDM cod. 826/G (Ø 40 ÷ 50)
cod. 826/GV (Ø 65)
NORM: EN 1124-3

CODE	DN	D1 mm	L mm	A mm	H mm	R mm	kg		€
805040000	40	42	64	20	79	42	0,159	1	**29,89**
805050000	50	53	81,5	26	98,5	53	0,252	1	**34,81**
805065000	65	73	127	55	142	73	0,720	1	**66,71**

B 100 102





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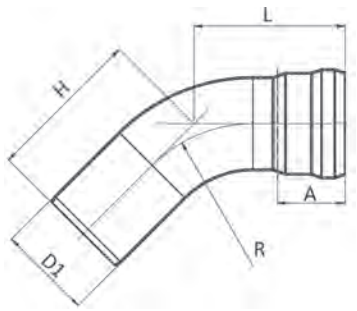
CURVA RAGGIO STRETTO 87°

- ELBOW S.R. 87°
- ROHRBOGEN KURZE RADIUS 87°
- COUDE RAYON COURT 87°
- CURVA RADIO ESTRECHO 87°

MATERIAL: AISI 316L – 1.4404
GASKET: EPDM cod. 826/GV (Ø 40 ÷ 65)
EPDM cod. 826/G (Ø 80 ÷ 150)
NORM: EN 1124-3

CODE	DN	D1 mm	L mm	A mm	H mm	R mm	kg		€
805040087	40	42	85	30	88	42	0,199	1	**46,30**
805050087	50	53	103	38	106	53	0,302	1	**43,50**
805065087	65	73	138	55	142	73	0,693	1	**90,05**
805080087	80	88,9	157	60	162	88,9	0,955	1	**105,06**
805100087	100	102	180	70	186	102	1,258	1	**152,01**
805125087	125	133	216	75	222	133	1,959	1	**352,08**
805150087	150	159	235	80	240	159	2,510	1	**438,63**

B 100 102





805/45

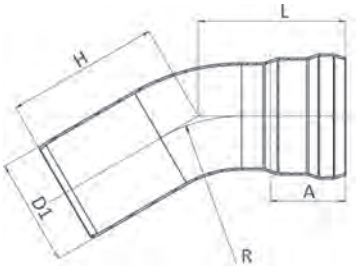
CURVA RAGGIO STRETTO 45°

- ELBOW S.R. 45°
- ROHRBOGEN KURZE RADIUS 45°
- COUDE RAYON COURT 45°
- CURVA RADIO ESTRECHO 45°

MATERIAL: AISI 316L – 1.4404
GASKET: EPDM cod. 826/GV (Ø 40 ÷ 65)
EPDM cod. 826/G (Ø 80 ÷ 150)
NORM: EN 1124-3

CODE	DN	D1 mm	L mm	A mm	H mm	R mm	kg		€
805040045	40	42	60	30	63	42	0,156	1	30,28
805050045	50	53	74	38	77	53	0,241	1	32,49
805065045	65	73	98	55	102	73	0,549	1	55,09
805080045	80	88,9	109	60	114	88,9	0,744	1	68,78
805100045	100	102	124	70	126	102	0,958	1	96,23
805125045	125	133	147	75	154	133	1,502	1	278,53
805150045	150	159	159	80	147	159	1,825	1	365,50

B 100 102





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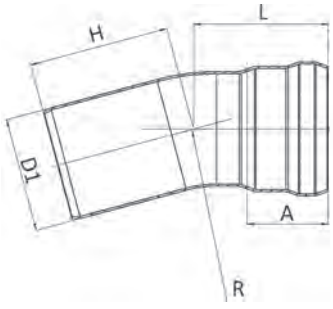
CURVA RAGGIO STRETTO 30°

- ELBOW S.R. 30°
- ROHRBOGEN KURZE RADIUS 30°
- COUDE RAYON COURT 30°
- CURVA RADIO ESTRECHO 30°

MATERIAL: AISI 316L – 1.4404
GASKET: EPDM cod. 826/GV (Ø 40 ÷ 65)
EPDM cod. 826/G (Ø 100 ÷ 150)
NORM: EN 1124-3

CODE	DN	D1 mm	L mm	A mm	H mm	R mm	kg		€
805100030	100	102	110	70	115	102	0,877	1	124,50
805125030	125	133	125	75	131	133	1,298	1	284,97
805150030	150	159	136	80	124	159	1,580	1	397,98

B 100 102





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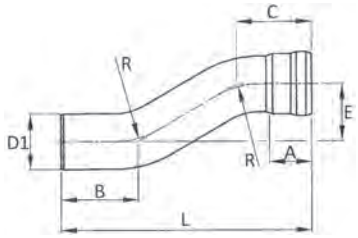
CURVA RAGGIO STRETTO 15°

- ELBOW S.R. 15°
- ROHRBOGEN KURZE RADIUS 15°
- COUDE RAYON COURT 15°
- CURVA RADIO ESTRECHO 15°

MATERIAL: AISI 316L – 1.4404
GASKET: EPDM cod. 826/G (Ø 100 ÷ 150)
NORM: EN 1124-3

CODE	DN	D1 mm	L mm	A mm	H mm	R mm	kg		€
805100015	100	102	96	70	101	102	0,877	1	88,90
805125015	125	133	107	75	112	133	1,100	1	214,37
805150015	150	159	114	80	102	159	1,331	1	337,20

B 100 102





806

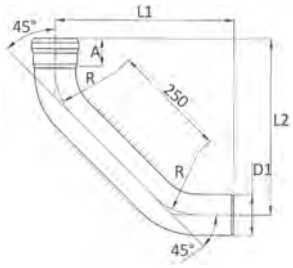
DISASSAMENTO 75/130/200 MM

- OFFSET 75/130/200 MM
- ETAGENBOGEN 75/130/200 MM
- DÉSAXEMENT 75/130/200 MM
- CURVA DESVIACIÓN 75/130/200 MM

MATERIAL: AISI 316L – 1.4404
GASKET: EPDM cod. 826/GV (Ø 65)
EPDM cod. 826/G (Ø 80 ÷ 125)
NORM: EN 1124-3

CODE	DN	D1 mm	E mm	L mm	A mm	B mm	C mm	R mm	kg		€
806065075	65	73	75	329	55	101	98	110	0,950	1	**157,15**
806080075	80	88,9	75	352	60	114	109	133	1,000	1	**179,82**
806100075	100	102	75	321	70	126	120	102	1,200	1	**248,04**
806125075	125	133	75	375,5	75	154	146,5	133	1,996	1	**737,02**
806065130	65	73	130	359	55	117	113	110	0,880	1	**139,04**
806080130	80	88,9	130	390	60	133	127	133	1,350	1	**180,40**
806100130	100	102	130	376	70	126	120	102	1,520	1	**275,43**
806125130	125	133	130	430,5	75	154	146,5	133	2,381	1	**767,81**
806065200	65	73	200	430	55	117	113	110	1,120	1	**141,28**
806080200	80	88,9	200	460	60	133	127	133	1,550	1	**204,07**
806100200	100	102	200	446	70	126	120	102	1,780	1	**347,47**
806125200	125	133	200	500,5	75	154	146,5	133	2,870	1	**946,33**

B 100 102





Articolo speciale a richiesta.
Special code on demand.

807

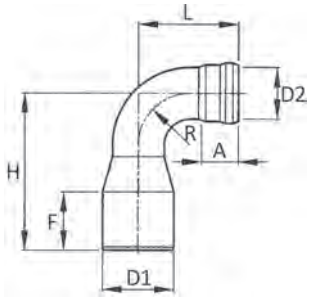
CURVA PROLUNGATA

- STREMLINE BEND
- LANG ROHRBOGEN
- COUDE PROLONGÉE
- CURVA EXTENDIDA

MATERIAL: AISI 316L – 1.4404
GASKET: EPDM cod. 826/GV (Ø 50 ÷ 65)
EPDM cod. 826/G (Ø 80 ÷ 150)
NORM: EN 1124-3

CODE	DN	D1 mm	L1 mm	L2 mm	A mm	R mm	kg		€
807050000	50	53	285	282	38	53	0,713	1	**on demand**
807065000	65	73	321,5	317,5	55	73	1,410	1	**on demand**
807080000	80	88,9	388	383	60	133	1,850	1	**190,00**
807100000	100	102	362,5	356,5	70	102	2,100	1	**319,98**
807125000	125	133	414	407	75	133	3,292	1	**870,68**
807150000	150	159	417	429	80	159	4,183	1	**on demand**

B 100 102





Articolo speciale a richiesta.
Special code on demand.

807/R

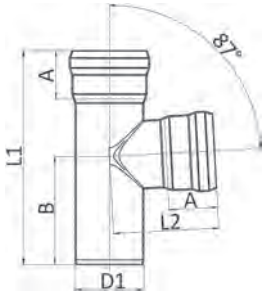
GOMITO RIDOTTO 87°

- REDUCED ELBOW 87°
- REDUZIERTE ROHRBOGEN 87°
- COUDE RÉDUIT 87°
- CURVA REDUCIDA 87°

MATERIAL: AISI 316L – 1.4404
GASKET: EPDM cod. 826/GV (Ø 50 ÷ 65)
NORM: EN 1124-3

CODE	DN1	DN2	D1 mm	D2 mm	A mm	L mm	H mm	F mm	R mm	kg		€
807050040	50	40	53	42	30	85	124	62	42	0,290	1	**109,02**
807065050	65	50	73	53	38	103	161	60	53	0,390	1	**120,80**

B 100 102





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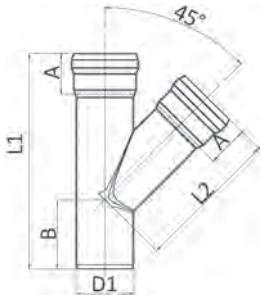
BRAGA 87°

- BRANCH 87°
- ABZWEIG 87°
- EMBRANCHEMENT 87°
- DERIVACIÓN M-H 87°

MATERIAL: AISI 316L – 1.4404
GASKET: EPDM cod. 826/GV (Ø 40 ÷ 65)
EPDM cod. 826/G (Ø 80 ÷ 150)
NORM: EN 1124-3

CODE	DN	D1 mm	A mm	L1 mm	L2 mm	B mm	kg		€
808040087	40	42	30	137	67	69,5	0,193	1	**71,28**
808050087	50	53	38	165	81	83,5	0,291	1	**74,76**
808065087	65	73	55	209	109	106	0,639	1	**87,97**
808080087	80	88,9	60	235	123	119	0,863	1	**95,37**
808100087	100	102	70	291	138	147,5	1,196	1	**132,97**
808125087	125	133	75	360	159	182	2,219	1	**208,24**
808150087	150	159	80	403	178	204	2,932	1	**292,17**

B 100 102





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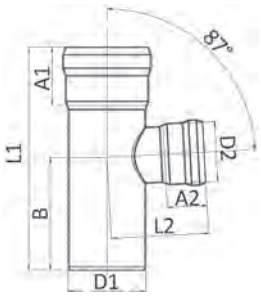
BRAGA 45°

- BRANCH 45°
- ABZWEIG 45°
- EMBRANCHEMENT 45°
- DERIVACIÓN M-H 45°

MATERIAL: AISI 316L – 1.4404
GASKET: EPDM cod. 826/GV (Ø 40 ÷ 65)
EPDM cod. 826/G (Ø 80 ÷ 150)
NORM: EN 1124-3

CODE	DN	D1 mm	A mm	L1 mm	L2 mm	B mm	kg		€
808040045	40	42	30	155	100	55	0,233	1	**83,76**
808050045	50	53	38	198	132,5	64	0,382	1	**87,01**
808065045	65	73	55	255	170	85	0,864	1	**108,78**
808080045	80	88,9	60	295	210	95	1,200	1	**131,27**
808100045	100	102	70	335	225	110	1,517	1	**148,49**
808125045	125	133	75	415	285	130	2,936	1	**251,49**
808150045	150	159	80	460	320	140	3,856	1	**338,94**

B 100 102





809

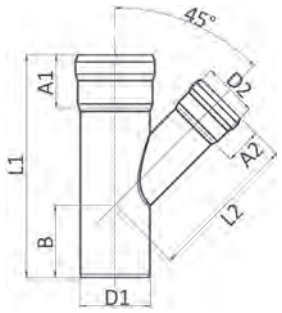
BRAGA RIDOTTA 87°

- REDUCED BRANCH 87°
- REDUZIERTE ABZWEIG 87°
- EMBRANCHEMENT RÉDUIT 87°
- DERIVACIÓN M-H REDUCIDA 87°

MATERIAL: AISI 316L – 1.4404
GASKET: EPDM cod. 826/GV (Ø 40 ÷ 65)
EPDM cod. 826/G (Ø 80 ÷ 150)
NORM: EN 1124-3

CODE	DN1	DN2	D1 mm	D2 mm	A1 mm	A2 mm	L1 mm	L2 mm	B mm	kg		€
809050040	50	40	53	42	38	30	165	73	83,5	0,269	1	**75,87**
809065040	65	40	73	42	55	30	209	83	106	0,528	1	**79,83**
809065050	65	50	73	53	55	38	209	91	106	0,547	1	**81,83**
809080050	80	50	88,9	53	60	38	235	99	119	0,726	1	**84,24**
809100040	100	40	102	42	70	30	216	97	110	0,749	1	**102,15**
809100050	100	50	102	53	70	38	226	105	115	0,800	1	**110,85**
809100065	100	65	102	73	70	55	291	123	147,5	1,092	1	**136,35**
809100080	100	80	102	88,9	70	60	291	128	147,5	1,136	1	**146,58**
809125050	125	50	133	53	75	38	294	121	149	1,551	1	**146,87**
809125065	125	65	133	73	75	55	294	139	149	1,633	1	**169,49**
809125100	125	100	133	102	75	70	294	153	149	1,723	1	**170,63**
809150065	150	65	159	73	80	55	343	152	174	2,221	1	**221,65**
809150100	150	100	159	102	80	70	343	166	174	2,308	1	**241,38**
809150125	150	125	159	133	80	75	403	172	204	2,832	1	**285,66**

B 100 102





810

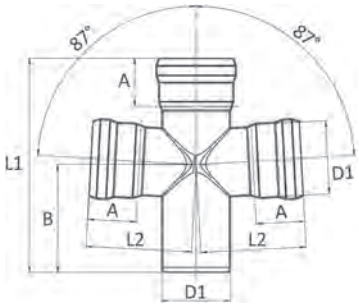
BRAGA RIDOTTA 45°

- REDUCED BRANCH 45°
- REDUZIERTE ABZWEIG 45°
- EMBRANCHEMENT RÉDUIT 45°
- DERIVACIÓN M-H REDUCIDA 45°

MATERIAL: AISI 316L – 1.4404
GASKET: EPDM cod. 826/GV (Ø 40 ÷ 65)
EPDM cod. 826/G (Ø 80 ÷ 150)
NORM: EN 1124-3

CODE	DN1	DN2	D1 mm	D2 mm	A1 mm	A2 mm	L1 mm	L2 mm	B mm	kg		€
810050040	50	40	53	42	38	30	198	147	65	0,373	1	**78,10**
810065040	65	40	73	42	55	30	205	145	60	0,563	1	**86,50**
810065050	65	50	73	53	55	38	230	155	75	0,651	1	**89,94**
810080050	80	50	88,9	53	60	38	245	173	72	0,820	1	**107,17**
810080065	80	65	88,9	73	60	55	255	180	85	0,961	1	**107,17**
810100040	100	40	102	42	70	30	250	185	65	0,916	1	**115,94**
810100050	100	50	102	53	70	38	270	195	75	1,019	1	**131,34**
810100065	100	65	102	73	70	55	300	210	95	1,257	1	**140,21**
810100080	100	80	102	88,9	70	60	320	220	100	1,408	1	**148,34**
810125050	125	50	133	53	75	38	300	225	75	1,671	1	**165,58**
810125065	125	65	133	73	75	55	330	240	90	2,236	1	**193,66**
810125100	125	100	133	102	75	70	365	260	105	2,294	1	**221,67**
810150065	150	65	159	73	80	55	330	240	90	2,314	1	**295,60**
810150100	150	100	159	102	80	70	370	281	89	2,695	1	**309,00**
810150125	150	125	159	133	80	75	420	300	120	3,358	1	**354,71**

B 100 102





811/87

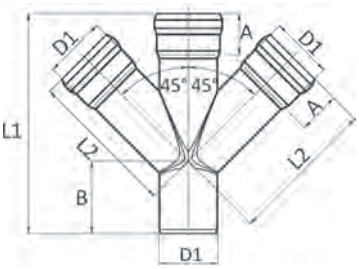
BRAGA DOPPIA 87°

- DOUBLE BRANCH 87°
- DOPPELABZWEIG 87°
- EMBRANCHEMENT DOUBLE 87°
- DERIVACIÓN DOBLE M-H 87°

MATERIAL: AISI 316L – 1.4404
GASKET: EPDM cod. 826/GV (Ø 50 ÷ 65)
EPDM cod. 826/G (Ø 100 ÷ 150)
NORM: EN 1124-3

CODE	DN	D1 mm	A mm	L1 mm	L2 mm	B mm	kg		€
811050087	50	53	38	165	81	83,5	0,359	1	**124,00**
811065087	65	73	55	209	109	105,5	0,792	1	**141,92**
811100087	100	102	70	291	138	147,5	1,451	1	**232,41**
811125087	125	133	75	360	159	182	2,616	1	**327,53**
811150087	150	159	80	403	178	204	3,422	1	**443,33**

B 100 102





811/45

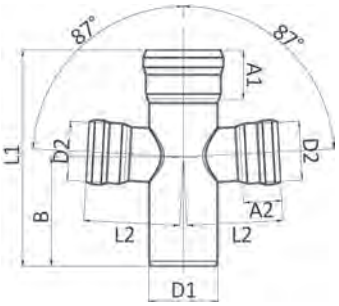
BRAGA DOPPIA 45°

- DOUBLE BRANCH 45°
- DOPPELABZWEIG 45°
- EMBRANCHEMENT DOUBLE 45°
- DERIVACIÓN DOBLE M-H 45°

MATERIAL: AISI 316L – 1.4404
GASKET: EPDM cod. 826/GV (Ø 50 ÷ 65)
EPDM cod. 826/G (Ø 100 ÷ 150)
NORM: EN 1124-3

CODE	DN	D1 mm	A mm	L1 mm	L2 mm	B mm	kg		€
811050045	50	53	38	198	132,5	65	0,497	1	**140,79**
811065045	65	73	55	255	170	85	1,078	1	**176,35**
811100045	100	102	70	335	225	110	1,953	1	**252,05**
811125045	125	133	75	415	285	130	3,780	1	**378,42**
811150045	150	159	80	460	320	140	4,938	1	**529,53**

B 100 102





812

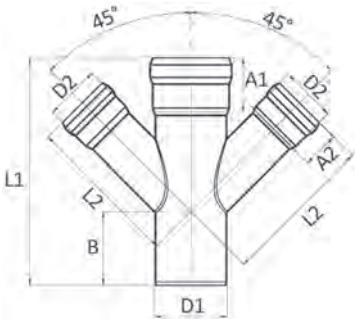
BRAGA DOPPIA RIDOTTA 87°

- REDUCED DOUBLE BRANCH 87°
- REDUZIERTE DOPPELABZWEIG 87°
- EMBRANCHEMENT DOUBLE RÉDUIT 87°
- DERIVACIÓN DOBLE M-H REDUCIDA 87°

MATERIAL: AISI 316L – 1.4404
GASKET: EPDM cod. 826/GV (Ø 40 ÷ 65)
EPDM cod. 826/G (Ø 80 ÷ 150)
NORM: EN 1124-3

CODE	DN1	DN2	D1 mm	D2 mm	A1 mm	A2 mm	L1 mm	L2 mm	B mm	kg		€
812050040	50	40	53	42	38	30	165	73	83,5	0,315	1	**110,84**
812065050	65	50	73	53	55	38	209	91	105,5	0,610	1	**126,68**
812080050	80	50	88,9	53	60	38	235	99	119	0,788	1	**135,51**
812100050	100	50	102	53	70	38	226	105	115	0,860	1	**197,62**
812100065	100	65	102	73	70	55	291	123	147,5	1,242	1	**204,55**
812100080	100	80	102	88,9	70	60	291	128	147,5	1,330	1	**223,65**
812125100	125	100	133	102	75	70	294	158	149	1,949	1	**262,07**
812150100	150	100	159	102	80	70	343	166	174	2,531	1	**332,47**
812150125	150	125	159	133	80	75	403	172	204	3,223	1	**418,70**

B 100 102





813

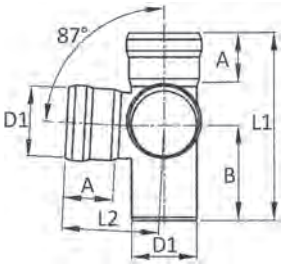
BRAGA DOPPIA RIDOTTA 45°

- REDUCED DOUBLE BRANCH 45°
- REDUZIERTE DOPPELABZWEIG 45°
- EMBRANCHEMENT DOUBLE RÉDUIT 45°
- DERIVACIÓN DOBLE M-H REDUCIDA 45°

MATERIAL: AISI 316L – 1.4404
GASKET: EPDM cod. 826/GV (Ø 40 ÷ 65)
EPDM cod. 826/G (Ø 80 ÷ 150)
NORM: EN 1124-3

CODE	DN1	DN2	D1 mm	D2 mm	A1 mm	A2 mm	L1 mm	L2 mm	B mm	kg		€
813050040	50	40	53	42	38	30	168	118	50	0,383	1	**134,47**
813065050	65	50	73	53	55	38	230	155	75	0,771	1	**160,95**
813080050	80	50	88,9	53	60	38	245	173	72	0,945	1	**178,90**
813100065	100	65	102	73	70	55	300	210	90	1,540	1	**225,79**
813100080	100	80	102	88,9	70	60	320	220	100	1,780	1	**244,22**
813125100	125	100	133	102	75	70	370	260	105	2,741	1	**304,97**
813150100	150	100	159	102	80	70	370	281	89	3,146	1	**369,45**
813150125	150	125	159	133	80	75	420	300	120	4,175	1	**480,25**

B 100 102





814/87

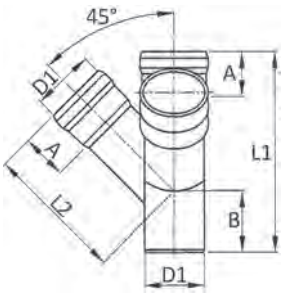
BRAGA SCAGNO 87°

- CORNER BRANCH 87°
- WINKEL ABZWEIG 87°
- TÉ DOUBLE ÉQUERRE 87°
- T DOBLE ESCUADRA 87°

MATERIAL: AISI 316L – 1.4404
GASKET: EPDM cod. 826/GV (Ø 50 ÷ 65)
EPDM cod. 826/G (Ø 80 ÷ 150)
NORM: EN 1124-3

CODE	DN	D1 mm	L1 mm	L2 mm	A mm	B mm	kg		€
814050087	50	53	164,5	81	38	83,5	0,350	1	**173,52**
814065087	65	73	209	109	55	106	0,930	1	**240,70**
814080087	80	88,9	235	122	60	119	1,230	1	**282,84**
814100087	100	102	290,5	138	70	147	1,810	1	**291,21**
814125087	125	133	359,5	159	75	182	2,602	1	**407,34**
814150087	150	159	402,5	178	80	204	3,394	1	**541,82**

B 100 102





Articolo speciale a richiesta.
Special code on demand.

814/45

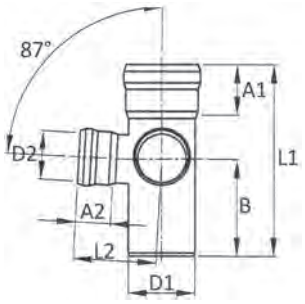
BRAGA SCAGNO 45°

- CORNER BRANCH 45°
- WINKEL ABZWEIG 45°
- TÉ DOUBLE ÉQUERRE 45°
- T DOBLE ESCUADRA 45°

MATERIAL: AISI 316L – 1.4404
GASKET: EPDM cod. 826/GV (Ø 50 ÷ 65)
EPDM cod. 826/G (Ø 80 ÷ 150)
NORM: EN 1124-3

CODE	DN	D1 mm	A mm	L1 mm	L2 mm	B mm	kg		€
814050045	50	53	38	188	123	65	0,450	1	**141,49**
814065045	65	73	55	255	170	85	1,000	1	**179,76**
814080045	80	88,9	60	295	210	95	1,450	1	**219,52**
814100045	100	102	70	335	225	110	2,400	1	**256,47**
814125045	125	133	75	415	285	130	3,757	1	**403,52**
814150045	150	159	80	460	320	140	4,902	1	**566,45**

B 100 102





815/87

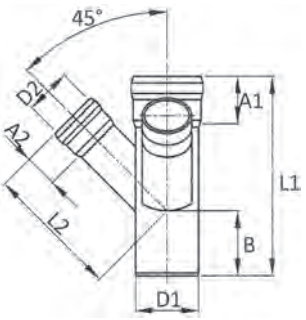
BRAGA SCAGNO RIDOTTA 87°

- REDUCED CORNER BRANCH 87°
- REDUZIERT WINKEL ABZWEIG 87°
- TÉ DOUBLE ÉQUERRE RÉDUIT 87°
- T DOBLE ESCUADRA REDUCIDA 87°

MATERIAL: AISI 316L – 1.4404
GASKET: EPDM cod. 826/GV (Ø 40 ÷ 65)
EPDM cod. 826/G (Ø 80 ÷ 150)
NORM: EN 1124-3

CODE	DN1	DN2	D1 mm	D2 mm	A1 mm	A2 mm	L1 mm	L2 mm	B mm	kg		€
815050040	50	40	53	42	38	30	164,5	72,5	83,5	0,410	1	**110,92**
815065050	65	50	73	53	55	38	209	90,5	106	0,720	1	**132,38**
815080050	80	50	88,9	53	60	38	235	98,5	119	1,160	1	**144,70**
815100065	100	65	102	73	70	55	290,5	123	147	1,440	1	**177,94**
815100080	100	80	102	88,9	70	60	290,5	128	147	1,590	1	**203,20**
815125100	125	100	133	102	75	70	293,5	153	149	1,949	1	**272,37**
815150100	150	100	159	102	80	70	342,5	166	174	2,530	1	**369,45**
815150125	150	125	159	133	80	75	402,5	195	204	3,445	1	**472,84**

B 100 102





Articolo speciale a richiesta.
Special code on demand.

816/45

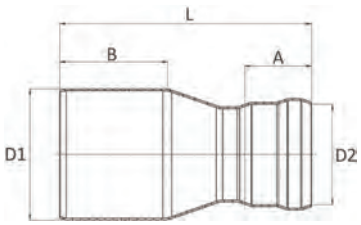
BRAGA SCAGNO RIDOTTA 45°

- REDUCED CORNER BRANCH 45°
- REDUZIERT WINKEL ABZWEIG 45°
- TÉ DOUBLE ÉQUERRE RÉDUIT 45°
- T DOBLE ESCUADRA REDUCIDA 45°

MATERIAL: AISI 316L – 1.4404
GASKET: EPDM cod. 826/GV (Ø 40 ÷ 65)
EPDM cod. 826/G (Ø 100 ÷ 150)
NORM: EN 1124-3

CODE	DN1	DN2	D1 mm	D2 mm	A1 mm	A2 mm	L1 mm	L2 mm	B mm	kg		€
816050040	50	40	53	42	38	30	168	118	50	0,350	1	**135,01**
816065050	65	50	73	53	55	38	230	155	75	0,850	1	**158,89**
816100065	100	65	102	73	70	55	300	210	90	1,900	1	**216,28**
816125100	125	100	133	102	75	70	365	260	105	2,742	1	**296,78**
816150100	150	100	159	102	80	70	370	275	95	3,109	1	**389,14**
816150125	150	125	159	133	80	75	425	300	120	4,169	1	**529,53**

B 100 102





817

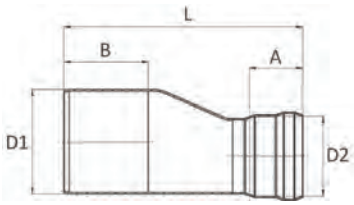
RIDUZIONE CONCENTRICA

- CONCENTRIC REDUCER
- REDUZIERSTÜCK KONZENTRISCH
- RÉDUCTION CONCENTRIQUE
- REDUCCIÓN CONCÉNTRICA

MATERIAL: AISI 316L – 1.4404
GASKET: EPDM cod. 826/GV (Ø 40 ÷ 65)
EPDM cod. 826/G (Ø 80 ÷ 125)
NORM: EN 1124-3

CODE	DN1	DN2	D1 mm	D2 mm	A mm	L mm	B mm	kg		€
817050040	50	40	53	42	30	120	62	0,150	1	**66,81**
817065040	65	40	73	42	30	121	62	0,235	1	**64,59**
817065050	65	50	73	53	38	140	60	0,230	1	**72,99**
817080065	80	65	88,9	73	55	195	80	0,475	1	**79,34**
817100050	100	50	102	53	38	165	89	0,506	1	**127,21**
817100065	100	65	102	73	55	184	85	0,545	1	**84,54**
817100080	100	80	102	88,9	60	190	85	0,583	1	**86,52**
817125065	125	65	133	73	55	197,5	95	0,818	1	**167,43**
817125100	125	100	133	102	70	249	85	0,833	1	**100,63**
817150100	150	100	159	102	70	247	101	1,222	1	**264,86**
817150125	150	125	159	133	75	230	95	1,308	1	**221,84**

B 100 102





818

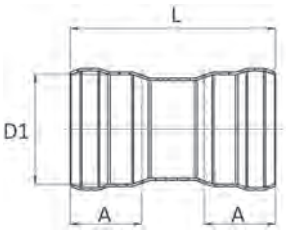
RIDUZIONE ECCENTRICA

- ECCENTRIC REDUCER
- REDUZIERSTÜCK EXZENTRISCH
- RÉDUCTION EXCENTRIQUE
- REDUCCIÓN EXCÉNTRICA

MATERIAL: AISI 316L – 1.4404
GASKET: EPDM cod. 826/GV (Ø 40 ÷ 65)
EPDM cod. 826/G (Ø 80 ÷ 125)
NORM: EN 1124-3

CODE	DN1	DN2	D1 mm	D2 mm	A mm	L mm	B mm	kg		€
818050040	50	40	53	42	30	125	45	0,170	1	**129,34**
818065050	65	50	73	53	38	167	70	0,322	1	**140,17**
818080065	80	65	88,9	73	55	187	77	0,465	1	**155,77**
818100050	100	50	102	53	38	197	87	0,474	1	**194,74**
818100065	100	65	102	73	55	207	87	0,590	1	**234,53**
818100080	100	80	102	88,9	60	207	87	0,635	1	**186,27**
818125100	125	100	133	102	70	239	94	1,037	1	**224,51**
818150125	150	125	159	133	75	243	101	1,382	1	**277,68**

B 100 102





819/000

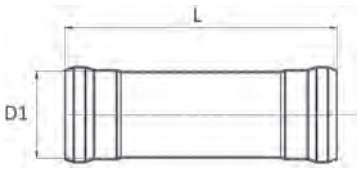
MANICOTTO

- COUPLING
- MUFFE
- MANCHON
- MANGUITO

MATERIAL: AISI 316L – 1.4404
GASKET: EPDM cod. 826/GV (Ø 40 ÷ 65)
EPDM cod. 826/G (Ø 80 ÷ 150)
NORM: EN 1124-3

CODE	DN	D1 mm	A mm	L mm	kg		€
819040000	40	42	30	84	0,098	1	**31,54**
819050000	50	53	38	94	0,138	1	**33,93**
819065000	65	73	55	135	0,335	1	**44,09**
819080000	80	88,9	60	145	0,438	1	**47,10**
819100000	100	102	70	180	0,622	1	**52,86**
819125000	125	133	75	190	1,000	1	**71,45**
819150000	150	159	80	200	1,290	1	**100,13**

B 100 102





819/001

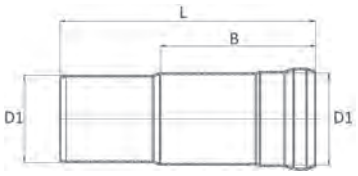
MANICOTTO PASSANTE

- SLIP COUPLING
- SCHIEBEMUFFE
- MANCHON LONG
- MANGUITO SIN TOPE

MATERIAL: AISI 316L – 1.4404
GASKET: EPDM cod. 826/G (Ø 40 ÷ 150)
NORM: EN 1124-3

CODE	DN	D1 mm	L mm	kg		€
819040001	40	42	142	0,163	1	**49,34**
819050001	50	53	176	0,251	1	**55,04**
819065001	65	73	255	0,654	1	**66,70**
819080001	80	88,9	294	0,865	1	**75,79**
819100001	100	102	334	1,130	1	**88,16**
819125001	125	133	405	2,100	1	**170,34**
819150001	150	159	473	2,960	1	**341,42**

B 100 102





819/002

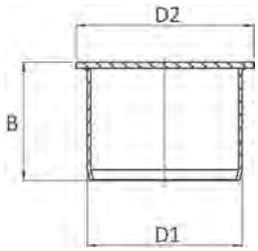
MANICOTTO PROLUNGATO

- SLIDE COUPLING
- DEHNUNGSMUFFE
- MANCHON PROLONGÉE
- MANGUITO EXTENDIDO

MATERIAL: AISI 316L – 1.4404
GASKET: EPDM cod. 826/G (Ø 40 ÷ 150)
NORM: EN 1124-3

CODE	DN	D1 mm	B mm	L mm	kg		€
819040002	40	42	69	120	0,132	1	**43,29**
819050002	50	53	94	155	0,214	1	**51,70**
819065002	65	73	139	205	0,486	1	**64,55**
819080002	80	88,9	134	210	0,605	1	**67,95**
819100002	100	102	148	240	0,794	1	**76,97**
819125002	125	133	158	260	1,300	1	**127,94**
819150002	150	159	168	285	1,758	1	**230,75**

B 100 102





819/003

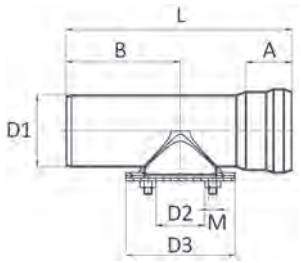
TAPPO

- STOP END
- VERSCHLUSSSTOPFEN
- BOUCHON
- TAPÓN

MATERIAL: AISI 316L – 1.4404

CODE	DN	D1 mm	D2 mm	B mm	kg		€
819040003	40	42	50	32	0,068	1	**37,75**
819050003	50	53	60,5	40,5	0,106	1	**43,50**
819065003	65	73	80,5	57,5	0,230	1	**50,96**
819080003	80	88,9	98	62	0,317	1	**64,49**
819100003	100	102	112	72	0,420	1	**79,64**
819125003	125	133	145	77	0,634	1	**116,76**
819150003	150	159	174	82	0,854	1	**129,05**

B 100 102





819/004

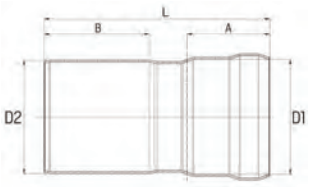
ISPEZIONE

- CLEANOUT PORT
- REVISIONSROHR
- OUVERTURE DE NETTOYAGE
- INSPECCIÓN

MATERIAL: AISI 316L – 1.4404
GASKET: EPDM cod. 826/GV (Ø 40 ÷ 65)
EPDM cod. 826/G (Ø 80 ÷ 150)
NORM: EN 1124-3

CODE	DN	D1 mm	D2 mm	D3 mm	A mm	L mm	M	Screw Nr.	B mm	kg		€
819040004	40	42	42	70	30	142,5	M6	4	70	0,286	1	**139,86**
819050004	50	53	53	80	38	165	M6	4	84	0,380	1	**144,67**
819065004	65	73	73	105	55	225	M8	4	115	0,795	1	**179,26**
819080004	80	88,9	88,9	125	60	255	M8	4	130	1,070	1	**197,95**
819100004	100	102	88,9	125	70	291	M8	4	148	1,292	1	**209,46**
819125004	125	133	133	165	75	360	M8	8	182	2,647	1	**352,54**
819150004	150	159	133	165	80	403	M8	8	204	3,257	1	**462,80**

B 100 102





827

ADATTATORE FEMMINA-MASCHIO

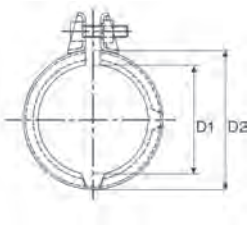
- ADAPTER FEMALE-MALE
- ADAPTER I-A
- ADAPTATEUR FEMELLE-MÂLE
- ADAPTADOR HEMBRA-MACHO

MATERIAL: AISI 316L – 1.4404
NORM: EN 1124-3
GASKET: EPDM cod. 826/GV (Ø 40 ÷ 65)

CODE	DN	D1 mm	D2 mm	A mm	B mm	L mm	kg		€
827042040	40	42	40	30	60	110	0,126	1	**28,86**
827053050	50	53	50	38	60	120	0,177	1	**30,31**
827073075	65	73	75	55	70	150	0,392	1	**36,66**

B 100 102







Disponibile fino a esaurimento scorte
Available while supplies last
Lieferbar solange der Vorrat zu Verfügung steht
Disponible jusqu'à épuisement des stocks
Disponible hasta finalizar existencias

827/000

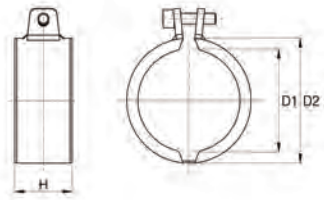
COLLARE ANTISFILAMENTO

- SAFETY COLLAR
- SICHERHEITSSCHELLE
- COLLIER DE SÉCURITÉ
- ABRAZADERA DE SEGURIDAD

MATERIAL: AISI 316L – 1.4404

CODE	DN	D1 mm	D2 mm	H mm	kg		€
827040000	40	42	56	27	0,120	1	**56,82**
827050000	50	53	68	31	0,150	1	**58,12**
827065000	65	73	92,5	40	0,300	1	**68,85**
827080000	80	88,9	110,5	44	0,380	1	**75,97**
827100000	100	102	124,5	53	0,500	1	**83,82**
827125000	125	133	162	58	0,687	1	**100,68**
827150000	150	159	191	63	0,860	1	**119,01**

B 100 102





NEW

827/001

COLLARE ANTISFILAMENTO HP

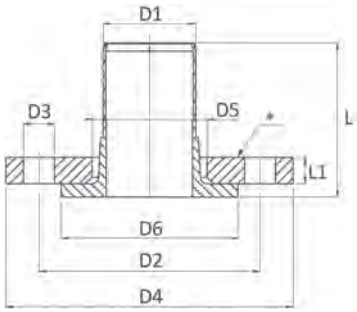
- SAFETY COLLAR HP
- SICHERHEITSSCHELLE HP
- COLLIER DE SÉCURITÉ HP
- ABRAZADERA DE SEGURIDAD HP

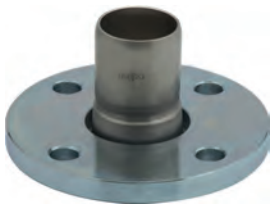
MATERIAL: AISI 316L – 1.4404

CODE	DN	D1 mm	D2 mm	H mm	kg		€
827040001	40	42	60,3	31,5	0.120	1	**56,82**
827050001	50	53	70	31,5	0,152	1	**58,12**
827065001	65	73	88,9	41	0,209	1	**68,85**
827080001	80	90	110	44,5	0,272	1	**75,97**
827100001	100	101,6	127	53,5	0,363	1	**83,82**
827125001	125	133	168,3	59	0,776	1	**100,68**
827150001	150	159	200	64	0,994	1	**119,01**

La rondella anti-sfilamentoè in acciaio inossidabile 304 - 1.4301.
The anti-slip washer is made of stainless steel 304 - 1.4301.
Die Antirutschscheibe ist aus Edelstahl 304 – 1.4301 gefertigt.
La rondelle antidérapante est en acier inoxydable 304 - 1.4301.
La arandela antideslizante está fabricada en acero inoxidable 304 - 1.4301.

B 100 102





820/PN6

BOCCHELLO CON FLANGIA GIREVOLE

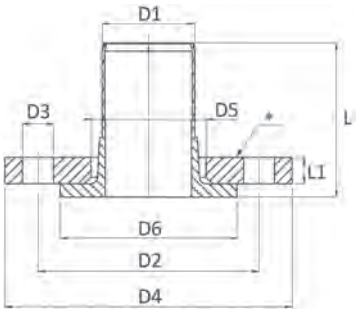
- SLEEVE / ROTARY FLANGE
- LOSE-FLANSCH / AUSSEN
- BRIDE TOURNANTE / SORTIE A BRIDE
- BRIDA LOCA / TRONCO EMBRIDADO

MATERIAL: AISI 316L – 1.4404
NOTE: (*) S235JR (Fe 360) zincata - galvanized - verzinkt - galvanisés - galvanizado

PN 6

CODE	DN	D1 mm	L mm	L1 mm	D2 mm	D3 mm	D4 mm	D5 mm	D6 mm	Holes Nr.	kg		€
820040006	40	42	70	12	100	14	130	52	80	4	1,304	1	**142,35**
820050006	50	53	80	12	110	14	140	64	90	4	1,544	1	**173,14**
820065006	65	73	100	12	130	14	160	83	110	4	1,975	1	**212,55**
820080006	80	88,9	110	14	150	18	190	96	128	4	3,166	1	**284,20**
820100006	100	102	130	14	170	18	210	113	148	4	3,805	1	**323,46**
820125006	125	133	150	14	200	18	240	140	178	8	4,770	1	**546,54**
820150006	150	159	170	14	225	18	265	166	202	8	5,516	1	**665,27**

B 100 102





820/PN16

BOCCHELLO CON FLANGIA GIREVOLE

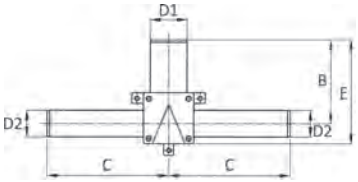
- SLEEVE / ROTARY FLANGE
- LOSE-FLANSCH / AUSSEN
- BRIDE TOURNANTE / SORTIE A BRIDE
- BRIDA LOCA / TRONCO EMBRIDADO

MATERIAL: AISI 316L – 1.4404
NOTE: (*) S235JR (Fe 360) zincata - galvanized - verzinkt - galvanisés - galvanizado

PN 16

CODE	DN	D1 mm	L mm	L1 mm	D2 mm	D3 mm	D4 mm	D5 mm	D6 mm	Holes Nr.	kg		€
820040010	40	42	70	16	110	18	150	52	88	4	2,181	1	147,25
820050010	50	53	80	18	125	18	165	64	102	4	2,978	1	204,04
820065010	65	73	100	18	145	18	185	83	122	4	3,659	1	233,60
820080010	80	88,9	110	20	160	18	200	96	138	8	4,580	1	289,78
820100010	100	102	130	20	180	18	220	113	158	8	5,455	1	364,37
820125010	125	133	150	22	210	18	250	140	188	8	7,377	1	597,16
820150010	150	159	170	22	240	22	285	166	212	8	9,029	1	722,86

B 100 102





Articolo speciale a richiesta.
Special code on demand.

820/I

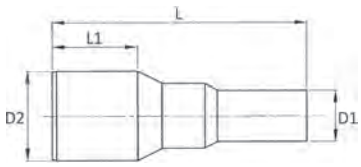
BRAGA RIDOTTA CON ISPEZIONE

- REDUCED BRANCH WITH CLEANOUT
- REDUZIERTE BRANCH / INSPEKTION
- EMBRANCHEMENT RÉDUIT / INSPECTION
- DERIVACIÓN REDUCIDA / INSPECCIÓN

MATERIAL: AISI 316L – 1.4404

CODE	DN1	DN2	D1 mm	D2 mm	B mm	C mm	E mm	kg		€
820205000	65	50	73	53	165	240	205	2,120	1	220,75
820260000	65	50	73	53	220	240	260	2,280	1	293,25

B 100 102





Articolo speciale a richiesta.
Special code on demand.

820/R

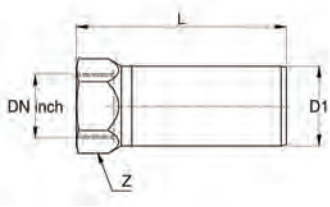
RIDUZIONE L=1000 MM

- REDUCER WITHOUT SOCKET L=1000 MM
- REDUZIERSTÜCK A-A L=1000 MM
- RÉDUCTION L=1000 MM
- REDUCCIÓN L=1000 MM

MATERIAL: AISI 316L – 1.4404

CODE	D1 mm	D2 mm	L mm	L1 mm	kg		€
820065040	42	73	1000	70	1,336	1	150,57

B 100 102





820/F

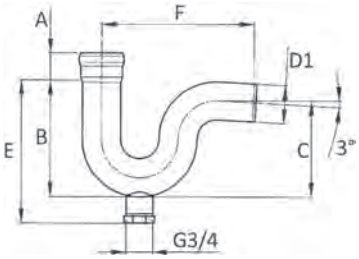
RACCORDO FILETTATO FEMMINA

- FEMALE THREADED CONNECTOR
- ÜBERGANGSSTÜCK MIT IG
- RACCORD FILETÉ FEMELLE
- RACOR ROSCA HEMBRA

MATERIAL: AISI 316L – 1.4404

CODE	DN	D1 mm	DN inch	L mm	Z mm	kg		€
820040100	40	42	1"	140	46	0,290	1	143,52
820040114	40	42	1"1/4	140	46	0,270	1	72,20
820040112	40	42	1"1/2	140	55	0,390	1	76,09
820050114	50	53	1"1/4	140	55	0,440	1	166,37
820050112	50	53	1"1/2	140	55	0,370	1	172,54
820050200	50	53	2"	140	70	0,660	1	181,09

B 100 102





820/S

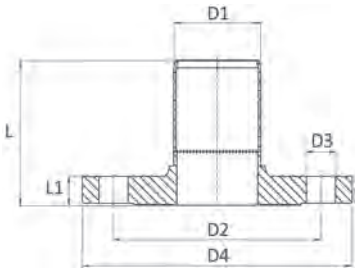
SIFONE

- TRAP
- SYPHON
- SIPHON
- SIFÓN

MATERIAL: AISI 316L – 1.4404
GASKET: EPDM cod. 826/GV (Ø 40 ÷ 50)
NORM: EN 1124-3

CODE	DN	D1 mm	A mm	B mm	C mm	E mm	F mm	kg		€
820040000	40	42	30	128	105	162	172	0,700	1	255,30
820050000	50	53	38	161	132,5	198	212	0,990	1	375,85

B 100 102





PN 6

821/PN6

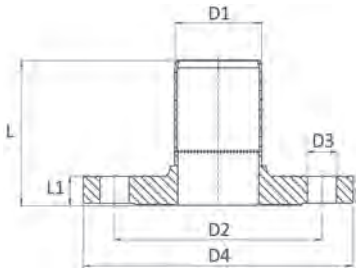
FLANGIA CON RACCORDO MASCHIO PN6

- FLANGE WITH SPIGOT PN6
- FLANSCHADAPTER / AUSSEN PN6
- BRIDE DE RACCORD / MALE PN6
- BRIDA ADAPTADOR / MACHO PN6

MATERIAL: AISI 316L – 1.4404

CODE	DN	D1 mm	L mm	L1 mm	D2 mm	D3 mm	D4 mm	Holes Nr.	kg		€
821040006	40	42	70	14	100	14	130	4	1,301	1	119,36
821050006	50	53	78,5	14	110	14	140	4	1,475	1	145,16
821065006	65	73	97,5	14	130	14	160	4	1,897	1	178,21
821080006	80	88,9	105	16	150	18	190	4	2,979	1	251,06
821100006	100	102	115	16	170	18	210	4	3,497	1	285,76
821125006	125	133	116	10	200	18	240	8	2,792	1	482,81
821150006	150	159	122	10	225	18	265	8	3,245	1	573,84

B 100 102





821/PN16

FLANGIA CON RACCORDO MASCHIO

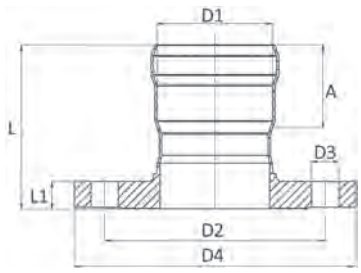
- FLANGE WITH SPIGOT
- FLANSCHADAPTER / AUSSEN
- BRIDE DE RACCORD / MALE
- BRIDA ADAPTADOR / MACHO

MATERIAL: AISI 316L – 1.4404

PN 16

CODE	DN	D1 mm	L mm	L1 mm	D2 mm	D3 mm	D4 mm	Holes Nr.	kg		€
821040010	40	42	72	16	110	18	150	4	1,968	1	**148,67**
821050010	50	53	82,5	18	125	18	165	4	2,650	1	**188,86**
821065010	65	73	101,5	18	145	18	185	4	3,270	1	**216,18**
821080010	80	88,9	109	20	160	18	200	8	3,995	1	**255,99**
821100010	100	102	119	20	180	18	220	8	4,670	1	**321,91**
821125010	125	133	118	12	210	18	250	8	3,625	1	**490,85**
821150010	150	159	125	12	240	22	285	8	4,482	1	**590,04**

B 100 102





822/PN6

FLANGIA CON RACCORDO FEMMINA PN6

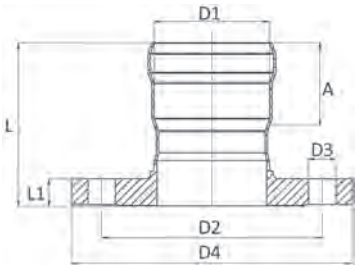
- FLANGE WITH SOCKET PN6
- FLANSCHADAPTER / INNEN PN6
- BRIDE DE RACCORD / FEMELLE PN6
- BRIDA ADAPTADOR / HEMBRA PN6

MATERIAL: AISI 316L – 1.4404
GASKET: EPDM cod. 826/GV (Ø 40 ÷ 65)
EPDM cod. 826/G (Ø 80 ÷ 150)
NORM: EN 1124-3

PN 6

CODE	DN	D1 mm	A mm	L mm	L1 mm	D2 mm	D3 mm	D4 mm	Holes Nr.	kg		€
822040006	40	42	30	67	14	100	14	130	4	1,304	1	**132,63**
822050006	50	53	38	75	14	110	14	140	4	1,477	1	**167,53**
822065006	65	73	55	104	14	130	14	160	4	1,931	1	**215,23**
822080006	80	88,9	60	100	16	150	18	190	4	2,986	1	**295,51**
822100006	100	102	70	125	16	170	18	210	4	3,563	1	**378,54**
822125006	125	133	75	112	10	200	18	240	8	2,815	1	**421,09**
822150006	150	159	80	117,5	10	225	18	265	8	3,270	1	**490,55**

B 100 102





822/PN16

FLANGIA CON RACCORDO FEMMINA

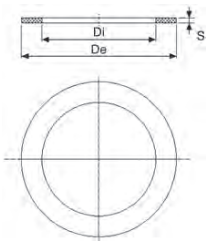
- FLANGE WITH SOCKET
- FLANSCHADAPTER / INNEN
- BRIDE DE RACCORD / FEMELLE
- BRIDA ADAPTADOR / HEMBRA

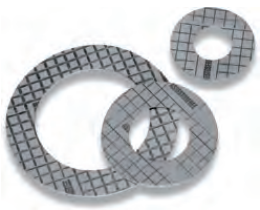
MATERIAL: AISI 316L – 1.4404
GASKET: EPDM cod. 826/GV (Ø 40 ÷ 65)
EPDM cod. 826/G (Ø 80 ÷ 150)
NORM: EN 1124-3

PN 16

CODE	DN	D1 mm	A mm	L mm	L1 mm	D2 mm	D3 mm	D4 mm	Holes Nr.	kg		€
822040010	40	42	30	69	16	110	18	150	4	1,972	1	**171,78**
822050010	50	53	38	79	18	125	18	165	4	2,653	1	**191,93**
822065010	65	73	55	108	18	145	18	185	4	3,301	1	**227,77**
822080010	80	88,9	60	104	20	160	18	200	8	4,000	1	**262,27**
822100010	100	102	70	129	20	180	18	220	8	4,736	1	**406,59**
822125010	125	133	75	114	12	210	18	250	8	3,648	1	**461,42**
822150010	150	159	80	119,5	12	240	22	285	8	4,504	1	**527,55**

R 30 30





434/PN 6

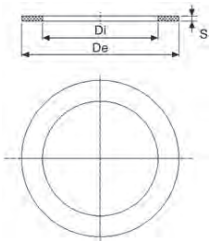
GUARNIZIONE ECOLOGICA PER FLANGE

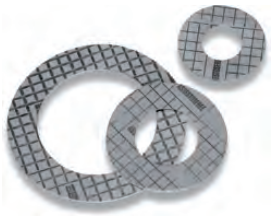
- GASKET FOR FLANGE
- FLANSCHDICHTUNG
- JOINT POUR BRIDE
- JUNTA ECOLÓGICA PARA BRIDA

MATERIAL: Sesalit Eco
NORM: EN 1092-1

PN 6

CODE	DN	De mm	Di mm	S mm	g		€
434040006	40 - (1"1/2)	85	45	2	14	10	**2,92**
434050006	50 - (2")	95	57	2	15	10	**4,45**
434065006	65 - (2"1/2)	115	76	2	19	10	**6,12**
434080006	80 - (3")	132	89	2	26	10	**7,26**
434100006	100 - (4")	152	108	2	29	10	**8,59**
434125006	125 - (5")	182	133	2	41	10	**11,94**
434150006	150 - (6")	207	160	2	38	10	**13,60**





R 30 30

434/PN 10-16

GUARNIZIONE ECOLOGICA PER FLANGE

- GASKET FOR FLANGE
- FLANSCHDICHTUNG
- JOINT POUR BRIDE
- JUNTA ECOLÓGICA PARA BRIDA

PN 10/16

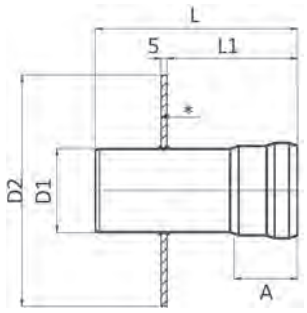
MATERIAL: Sesalit Eco
NORM: EN 1092-1

CODE	DN	De mm	Di mm	S mm	g		€
434040000	40 - (1"1/2)	92	45	2	17	10	**2,92**
434050000	50 - (2")	108	57	2	22	10	**4,40**
434065000	65 - (2"1/2)	127	76	2	27	10	**6,08**
434080000	80 - (3")	142	89	2	30	10	**7,19**
434100000	100 - (4")	162	108	2	38	10	**8,25**
434125000	125 - (5")	192	140	2	44	10	**11,60**
434150000	150 - (6")	218	169	2	55	10	**13,24**

Sesalit ECO: fibre organiche e sintetiche legate con gomma NBR/SBR esente amianto
IMPIEGHI: Acqua calda e fredda, olii vegetali ed animali, aria, alcuni carburanti (no GAS)
LIMITI DI TEMPERATURA ORIENTATIVI
Temperatura massima per brevi esposizioni: 180°-200° C
Temperatura massima di esercizio continuo per fluidi non aggressivi: 140° C
Temperatura massima di esercizio continuo con vapore: 110° C
OMOLOGAZIONI: acqua potabile WRAS n° 1605525

Sesalit ECO: organic and synthetic fibers bonded with NBR/SBR asbestos-free
USES: hot and cold water, vegetable and animal oils, air, some fuels (no GAS)
GUIDELINE TEMPERATURE LIMITS
Maximum temperature for short exposure: 180°-200° C
Maximum operating temperature for continuous non-aggressive fluids: 140° C
Maximum temperature for continuous operation with steam: 110° C
APPROVAL: potable water WRAS n° 1605525

B 100 102





823/F1

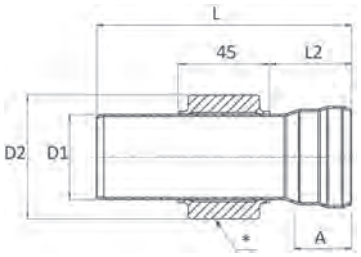
PASSAGGIO STAGNO F1

- DECK / BULKHEAD PENETRATION F1
- WANDDURCHFÜHRUNG F1
- PASSAGE ÉTANCHE F1
- PASAJE ESTAÑO F1

MATERIAL: AISI 316L – 1.4404
NOTE: (*) S235JR (Fe 360) verniciato – painted – bemalt – peint – pintado
GASKET: EPDM cod. 826/GV (Ø 40 ÷ 65)
EPDM cod. 826/G (Ø 80 ÷ 150)
NORM: EN 1124-3

CODE	DN	D1 mm	L mm	L1 mm	D2 mm	A mm	kg		€
823040000	40	42	161	93	200	30	1,345	1	**111,94**
823050000	50	53	202	118	200	38	1,410	1	**115,42**
823065000	65	73	279	165	200	55	1,470	1	**145,53**
823080000	80	88,9	332	194	200	60	1,510	1	**166,37**
823100000	100	102	381	223	200	70	2,130	1	**185,45**
823125000	125	133	479	275	250	75	3,775	1	**263,62**
823150000	150	159	562	319	250	80	4,511	1	**309,26**

B 100 102





823/M1

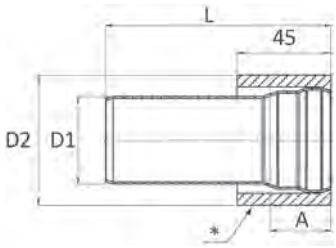
PASSAGGIO STAGNO M1

- DECK / BULKHEAD PENETRATION M1
- WANDDURCHFÜHRUNG M1
- PASSAGE ÉTANCHE M1
- PASAJE ESTAÑO M1

MATERIAL: AISI 316L – 1.4404
NOTE: (*) S235JR (Fe 360) verniciato – painted – bemalt – peint – pintado
GASKET: EPDM cod. 826/GV (Ø 40 ÷ 65)
EPDM cod. 826/G (Ø 80 ÷ 150)
NORM: EN 1124-3

CODE	DN	D1 mm	L mm	L2 mm	D2 mm	A mm	kg		€
823040001	40	42	125	40	61	30	0,533	1	**80,63**
823050001	50	53	145	50	70	38	0,612	1	**94,03**
823065001	65	73	175	65	88,9	55	0,926	1	**128,43**
823080001	80	88,9	185	70	110	60	1,394	1	**150,41**
823100001	100	102	205	80	121	70	1,501	1	**162,11**
823125001	125	133	215	85	150	75	1,979	1	**202,18**
823150001	150	159	225	90	178	80	2,613	1	**300,36**

B 100 102





823/M2

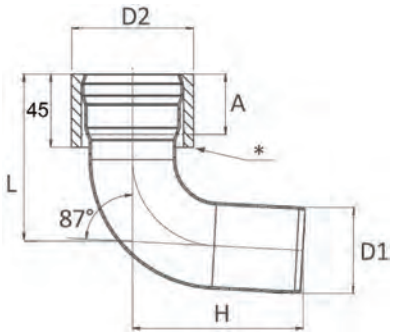
PASSAGGIO STAGNO M2

- DECK / BULKHEAD PENETRATION M2
- WANDDURCHFÜHRUNG M2
- PASSAGE ÉTANCHE M2
- PASAJE ESTAÑO M2

MATERIAL: AISI 316L – 1.4404
NOTE: (*) S235JR (Fe 360) verniciato - painted - bemalt - peint - pintado
GASKET: EPDM cod. 826/GV (Ø 40 ÷ 65)
EPDM cod. 826/G (Ø 80 ÷ 150)
NORM: EN 1124-3

CODE	DN	D1 mm	L mm	D2 mm	A mm	kg		€
823040002	40	42	108	62,5	30	0,485	1	**64,86**
823050002	50	53	125	75	38	0,645	1	**67,21**
823065002	65	73	155	101	55	1,180	1	**94,15**
823080002	80	88,9	178	113,5	60	1,200	1	**116,31**
823100002	100	102	198	133	70	1,760	1	**145,70**
823125002	125	133	245	168	75	2,773	1	**183,70**
823150002	150	159	284	193	80	3,116	1	**255,85**

B 100 102





823/M3

PASSAGGIO STAGNO M3

- DECK / BULKHEAD PENETRATION M3
- WANDDURCHFÜHRUNG M3
- PASSAGE ÉTANCHE M3
- PASAJE ESTAÑO M3

MATERIAL: AISI 316L – 1.4404
NOTE: (*) S235JR (Fe 360) verniciato - painted - bemalt - peint - pintado
GASKET: EPDM cod. 826/GV (Ø 40 ÷ 65)
EPDM cod. 826/G (Ø 80 ÷ 100)
NORM: EN 1124-3

CODE	DN	D1 mm	L mm	D2 mm	H mm	A mm	kg		€
823040003	40	42	85	62,5	88	30	0,564	1	**68,04**
823050003	50	53	103	75	106	38	0,771	1	**93,17**
823065003	65	73	138	101	142	55	1,510	1	**149,40**
823080003	80	88,9	157	113,5	162	60	1,485	1	**187,15**
823100003	100	102	180	133	186	70	2,365	1	**267,38**

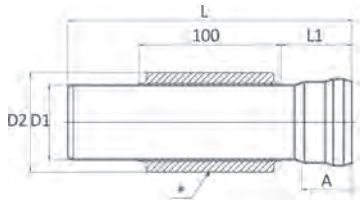
B 100 102

823/M4

PASSAGGIO STAGNO M4

- DECK / BULKHEAD PENETRATION M4
- WANDDURCHFÜHRUNG M4
- PASSAGE ÉTANCHE M4
- PASAJE ESTAÑO M4

MATERIAL: AISI 316L – 1.4404
NOTE: (*) S235JR (Fe 360) verniciato - painted - bemalt - peint - pintado
GASKET: EPDM cod. 826/GV (Ø 40 ÷ 65)
EPDM cod. 826/G (Ø 80 ÷ 150)
NORM: EN 1124-3





CODE	DN	D1 mm	L mm	L1 mm	D2 mm	A mm	kg		€
823040004	40	42	180	40	61	30	1,195	1	108,71
823050004	50	53	200	50	70	38	1,320	1	153,65
823065004	65	73	230	65	88,9	55	1,820	1	165,56
823080004	80	88,9	240	70	110	60	2,835	1	188,76
823100004	100	102	260	80	121	70	2,895	1	222,46
823125004	125	133	270	85	150	75	3,462	1	278,02
823150004	150	159	280	90	178	80	4,675	1	384,93

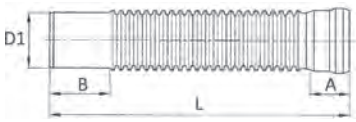
B 100 102

824/G

FLESSIBILE PER SCARICHI / GRAVITÀ

- FLEXIBILE PIPE FOR DRAINS / GRAVITY
- FLEXIBEL ROHR / SCHWERKRAFT
- TUYAU FLEXIBLE / GRAVITÉ
- TUBO FLEXIBLE / GRAVITACIÓN

MATERIAL: AISI 316L – 1.4404
GASKET: EPDM cod. 826/GV (Ø 50)
NORM: EN 1124-3





CODE	DN	D1 mm	A mm	L mm	B mm	kg		€
8240500600	50	53	38	600	55	0,780	1	416,83
8240500750	50	53	38	750	55	0,960	1	458,81
8240501000	50	53	38	1000	55	1,260	1	512,69
8240501250	50	53	38	1250	55	1,550	1	567,40

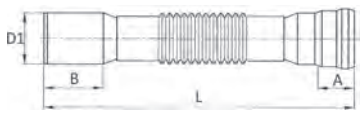
B 100 102

824/V

FLESSIBILE PER SCARICHI / VUOTO

- FLEXIBILE PIPE FOR DRAINS / VACUUM
- FLEXIBEL ROHR / VAKUUM
- TUYAU FLEXIBLE / VIDE
- TUBO FLEXIBLE / VACÍO

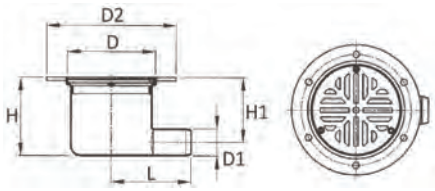
MATERIAL: AISI 316L – 1.4404
GASKET: EPDM cod. 826/GV (Ø 50)
NORM: EN 1124-3





CODE	DN	D1 mm	A mm	L mm	B mm	kg		€
8240501100	50	53	38	1100	62	1,936	1	646,92
8240501500	50	53	38	1500	62	2,576	1	748,82
8240502000	50	53	38	2000	62	3,446	1	878,21
8240502500	50	53	38	2500	62	4,308	1	968,00

B 100 102





825/01

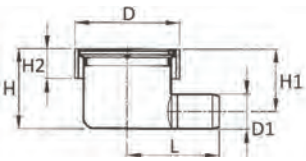
POZZETTO CON FLANGIA / ATTACCO ORIZZONTALE

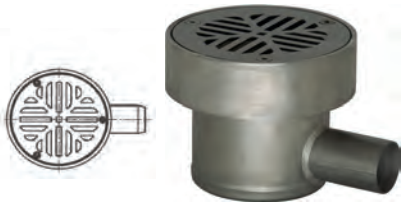
- SCUPPER WITH FLANGE / HORIZONTAL OUTLET
- BODENABLAUF MIT FLANSCH / HORIZONTAL ABGANG
- BONDE AVEC BRIDE / LATÉRAL
- DESAGÜE CON BRIDA / LATERAL

MATERIAL: AISI 316L – 1.4404
NOTE: Senza sifone - Without siphon - Ohne Syphon - Sans siphon - Sin sifón

CODE	DN	D1 mm	L mm	H mm	H1 mm	D mm	D2 mm	kg		€
825040011	40	42	115	134,5	111,5	138	200	3,280	1	**494,76**
825050011	50	53	115	134,5	111,5	138	200	3,300	1	**501,13**
825065011	65	73	142,5	134,5	99	138	200	3,420	1	**508,53**

B 100 102





825/02

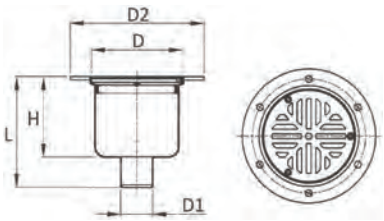
POZZETTO A SALDARE / ATTACCO ORIZZONTALE

- SCUPPER TO WELD / HORIZONTAL OUTLET
- BODENABLAUF ZU SCHWEISSEN / HORIZONTAL ABGANG
- BONDE À SOUDER / LATÉRAL
- DESAGÜE PARA SOLDAR / LATERAL

MATERIAL: AISI 316L – 1.4404
NOTE: Senza sifone - Without siphon - Ohne Syphon - Sans siphon - Sin sifón

CODE	DN	D1 mm	L mm	H mm	H1 mm	H2 mm	D mm	kg		€
825040022	40	42	115	134,5	111,5	45	150	2,350	1	**395,53**
825050022	50	53	115	134,5	111,5	45	150	2,380	1	**400,49**
825065022	65	73	142,5	134,5	99	45	150	2,500	1	**406,83**
825100022	100	102	157,5	153,5	102,5	45	150	2,830	1	**512,26**

B 100 102





825/03

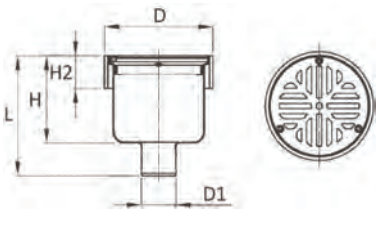
POZZETTO CON FLANGIA / ATTACCO VERTICALE

- SCUPPER WITH FLANGE / VERTICAL OUTLET
- BODENABLAUF MIT FLANSCH / VERTIKAL ABGANG
- BONDE AVEC BRIDE / VERTICAL
- DESAGÜE CON BRIDA / VERTICAL

MATERIAL: AISI 316L – 1.4404
NOTE: Senza sifone - Without siphon - Ohne Syphon - Sans siphon - Sin sifón

CODE	DN	D1 mm	L mm	H mm	D mm	D2 mm	kg		€
825040033	40	42	189,5	134,5	138	200	3,270	1	**494,76**
825050033	50	53	189,5	134,5	138	200	3,270	1	**501,13**
825065033	65	73	208,5	134,5	138	200	3,380	1	**508,53**

B 100 102





825/04

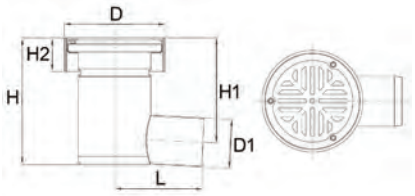
POZZETTO A SALDARE / ATTACCO VERTICALE

- SCUPPER TO WELD / VERTICAL OUTLET
- BODENABLAUF ZU SCHWEISSEN / VERTIKAL ABGANG
- BONDE À SOUDER / VERTICAL
- DESAGÜE PARA SOLDAR / VERTICAL

MATERIAL: AISI 316L – 1.4404
NOTE: Senza sifone – Without siphon – Ohne Syphon – Sans siphon – Sin sifón

CODE	DN	D1 mm	L mm	H mm	H2 mm	D mm	kg		€
825040044	40	42	189,5	134,5	45	150	2,340	1	**395,53**
825050044	50	53	189,5	134,5	45	150	2,370	1	**400,49**
825065044	65	73	208,5	134,5	45	150	2,460	1	**406,83**
825100044	100	102	223,5	134,5	45	150	2,480	1	**512,26**

B 100 102





825/05

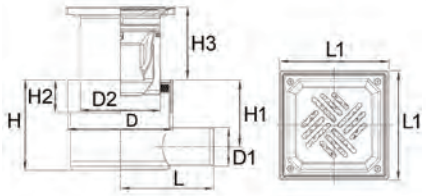
POZZETTO A SALDARE / ATTACCO ORIZZONTALE / LUNGO

- SCUPPER TO WELD / HORIZONTAL OUTLET / LONG
- BODENABLAUF ZU SCHWEISSEN / HORIZONTAL ABGANG / LANG
- BONDE À SOUDER / LATÉRAL / LONG
- DESAGÜE PARA SOLDAR / LATERAL / LARGO

MATERIAL: AISI 316L – 1.4404
NOTE: Senza sifone – Without siphon – Ohne Syphon – Sans siphon – Sin sifón

CODE	DN	D1 mm	L mm	H mm	H1 mm	H2 mm	D mm	kg		€
825040055	40	42	128,5	187	169,5	50	150	2,006	1	**597,70**
825050055	50	53	129	187	164	50	150	2,032	1	**626,10**
825065055	65	73	129,5	187	154	50	150	2,074	1	**699,65**
825100055	100	102	157	187	141	50	150	2,246	1	**863,07**

B 100 102





825/06 Q

POZZETTO A SALDARE / ATTACCO ORIZZONTALE / TELESCOPICO / QUADRO

- SCUPPER TO WELD / HORIZONTAL OUTLET / TELESCOPIC / SQUARE
- BODENABLAUF ZU SCHWEISSEN / HORIZONTAL ABGANG / TELESKOPISCH / QUADRAT
- BONDE À SOUDER / LATÉRAL / TÉLESCOPIQUE / CARRÉ
- DESAGÜE PARA SOLDAR / LATERAL / TELESCÓPICO / CUADRADO

MATERIAL: AISI 316L – 1.4404
NOTE: Con sifone – With siphon – Mit Syphon – Avec siphon – Con sifón

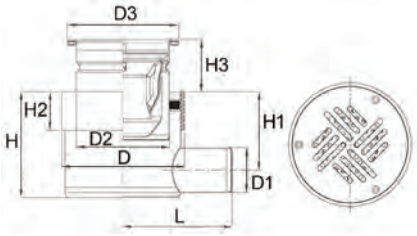
CODE	DN	D1 mm	L mm	L1 mm	H mm	H1 mm	H2 mm	H3 mm	D mm	D2 mm	kg		€
825040066Q	40	42	128,5	150	124,5	92	45	20-100	145	110	2,946	1	**1323,96**
825050066Q	50	53	128,5	150	124,5	92	45	20-100	145	110	2,942	1	**1340,93**
825065066Q	65	73	140	150	124,5	88	45	20-100	145	110	2,992	1	**1391,95**

B 100 102

825/06 C

POZZETTO A SALDARE / ATTACCO ORIZZONTALE / TELESCOPICO / ROTONDO

- SCUPPER TO WELD / HORIZONTAL OUTLET / TELESCOPIC / ROUND
- BODENABLAUF ZU SCHWEISSEN / HORIZONTAL ABGANG / TELESKOPISCH / RUNDE
- BONDE À SOUDER / LATÉRAL / TÉLESCOPIQUE / ROND
- DESAGÜE PARA SOLDAR / LATERAL / TELESCÓPICO / REDONDO





MATERIAL: AISI 316L – 1.4404
NOTE: Con sifone - With siphon - Mit Syphon - Avec siphon - Con sifón

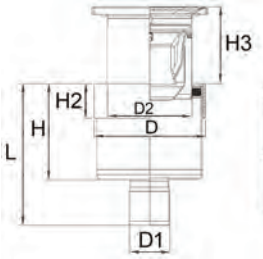
CODE	DN	D1 mm	L mm	H mm	H1 mm	H2 mm	H3 mm	D mm	D2 mm	D3 mm	kg		€
825040066C	40	42	128,5	124,5	92	45	25-90	145	110	136	2,782	1	**1323,96**
825050066C	50	53	128,5	124,5	92	45	25-90	145	110	136	2,838	1	**1340,93**
825065066C	65	73	140	124,5	88	45	25-90	145	110	136	2,865	1	**1391,95**

B 100 102

825/07 Q

POZZETTO A SALDARE / ATTACCO VERTICALE / TELESCOPICO / QUADRO

- SCUPPER TO WELD / VERTICAL OUTLET / TELESCOPIC / SQUARE
- BODENABLAUF ZU SCHWEISSEN / VERTIKAL ABGANG / TELESKOPISCH / QUADRAT
- BONDE À SOUDER / VERTICAL / TÉLESCOPIQUE / CARRÉ
- DESAGÜE PARA SOLDAR / VERTICAL / TELESCÓPICO / CUADRADO





MATERIAL: AISI 316L – 1.4404
NOTE: Con sifone - With siphon - Mit Syphon - Avec siphon - Con sifón

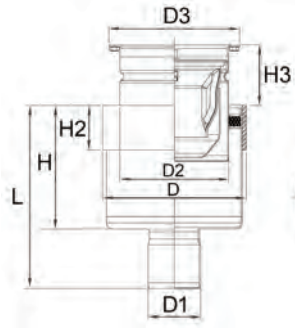
CODE	DN	D1 mm	L mm	L1 mm	H mm	H2 mm	H3 mm	D mm	D2 mm	kg		€
825040077Q	40	42	184,5	150	124,5	45	20-100	145	110	2,904	1	**1255,93**
825050077Q	50	53	184,5	150	124,5	45	20-100	145	110	2,950	1	**1277,18**
825065077Q	65	73	198,5	150	124,5	45	20-100	145	110	2,980	1	**1323,96**

B 100 102

825/07 C

POZZETTO A SALDARE / ATTACCO VERTICALE / TELESCOPICO / ROTONDO

- SCUPPER TO WELD / VERTICAL OUTLET / TELESCOPIC / ROUND
- BODENABLAUF ZU SCHWEISSEN / VERTIKAL ABGANG / TELESKOPISCH / RUNDE
- BONDE À SOUDER / VERTICAL / TÉLESCOPIQUE / ROND
- DESAGÜE PARA SOLDAR / VERTICAL / TELESCÓPICO / REDONDO



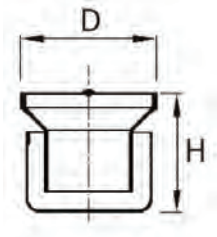




MATERIAL: AISI 316L – 1.4404
NOTE: Con sifone - With siphon - Mit Syphon - Avec siphon - Con sifón

CODE	DN	D1 mm	L mm	H mm	H2 mm	H3 mm	D mm	D2 mm	D3 mm	kg		€
825040077C	40	42	184,5	124,5	45	25-90	145	110	136	2,817	1	**1255,93**
825050077C	50	53	184,5	124,5	45	25-90	145	110	136	2,798	1	**1277,18**
825065077C	65	73	198,5	124,5	45	25-90	145	110	136	2,848	1	**1323,96**

B 100 102





820/P

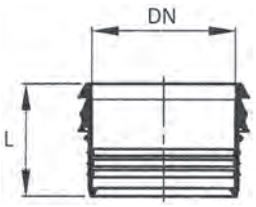
SIFONE PER POZZETTO DI SCARICO

- SIPHON FOR SCUPPER DRAIN
- SIPHON FÜR BODENABLAUF
- SIPHON POUR BONDE
- SIFÓN PARA DESAGÜE

MATERIAL: AISI 316L – 1.4404
NOTE: per / for / für / pour / para 825/01÷04

CODE	D mm	H mm	kg		€
820000000	106	96	0,365	1	**133,50**

B 100 102





826/GV

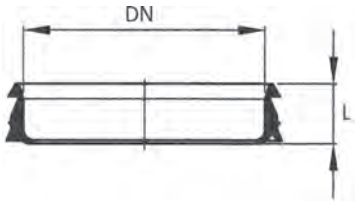
ANELLO DI TENUTA / GRAVITÀ + VUOTO

- SEAL / GRAVITY + VACUUM
- DICHTUNG / SCHWERKRAFT + VAKUUM
- JOINT / GRAVITÉ + VIDE
- GUARNICIÓN / GRAVITACIÓN + VACÍO

MATERIAL: gomma / rubber EPDM

CODE	DN	L mm	kg		€
826040000	40	34,5	0,010	1	**2,36**
826050000	50	42,5	0,018	1	**2,87**
826065000	65	59,5	0,035	1	**4,70**

B 100 102





826/G

ANELLO DI TENUTA

- SEAL
- DICHTUNG
- JOINT
- GUARNICIÓN

MATERIAL: gomma / rubber EPDM

CODE		DN	L mm	kg		€
826040001	*	40	15	0,007	1	**2,00**
826050001	*	50	18	0,012	1	**2,47**
826065001	*	65	21	0,020	1	**3,52**
826080001	**	80	22,5	0,029	1	**3,55**
826100001	**	100	27	0,051	1	**3,89**
826125001	**	125	29,5	0,080	1	**6,08**
826150001	**	150	36	0,138	1	**8,03**

(*) gravità / gravity / Schwerrkraft / gravité / gravitación
(**) gravità + test a vuoto fino a -0,97 bar / gravity + vacuum tested up to -0,97 bar / Schwerrkraft + Vakuumgeprüft bis -0,97 bar/ gravité + testé sous vide à -0,97 bar / gravitación + prueba de vacío a -0,97 bar

B 100 102



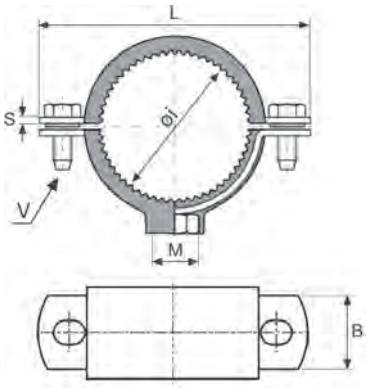
826/L

TUBETTO LUBRIFICANTE 150 GR

- LUBRICANT 150 GR
- SCHMIERSTOFF 150 GR
- LUBRIFIANT 150 GR
- LUBRICANTE 150 GR

CODE	kg			€
826000002	0,150	1	50	**6,18**

A 50 50





156/G

COLLARE CON GOMMA

- CLAMP WITH RUBBER
- ROHRSCHELLE MIT GUMMIEINLAGE
- COLLIER DE FIXATION GARNITURE ISOPHONIQUE
- ABRAZADERA ISOFÓNICA

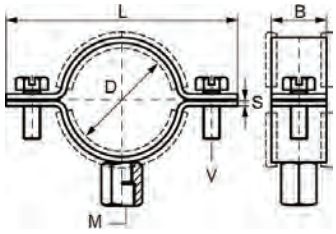
MATERIAL: AISI 304 - 1.4301
VULCANIZED RUBBER: EPDM (-20° C/+120° C) durezza/hardness 55 Shore
NOTE: dado saldato con puntatura elettrica spot welded nut

Conforme a / Conform to / Entsprechend / Correspondant / Conforme a la **DIN 4109**

CODE	Øi Drain mm	M	V mm	B mm	L mm	S mm	g			€
156114304G	42	M 8	M 6 x 20	20	85	2,5	120	1	50*	**15,94**
156123304G	53	M 8	M 6 x 25	20	97	2,5	142	1	50*	**17,38**
156212304G	73	M 10	M 6 x 25	30	128	2,5	308	1	10*	**26,40**
156300304G	88,9	M 10	M 6 x 25	30	148	2,5	346	1	10*	**28,61**

(*) unità minima di vendita / minimum selling quantity

A 50 51





156/G

COLLARE CON GOMMA

- CLAMP WITH RUBBER
- ROHRSCHELLE MIT GUMMIEINLAGE
- COLLIER DE FIXATION GARNITURE ISOPHONIQUE
- ABRAZADERA ISOFÓNICA

MATERIAL: AISI 316 - 1.4401
VULCANIZED RUBBER: EPDM (-20° C/+120° C)
NOTE: dado saldato con puntatura elettrica spot welded nut

CODE		Øi Drain mm	DN inch	M	V mm	B mm	L mm	S mm	g		€
156312316G		102	3"1/2	M 8 / 10	M 6 x 20	20	165	2	189	10*	**23,88**
156500316G	**	133	5"	M 10	M 6 x 25	20	179	2,5	250	10*	**29,65**
156600316G	**	159	6"	M 10	M 8 x 35	25	233	2,5	470	10*	**32,50**

(*) unità minima di vendita / minimum selling quantity
(**) AISI 316L / 1.4404

NOTE



Raccordi a saldare e filettati in acciaio inossidabile

STAINLESS STEEL WELDING AND THREADED FITTINGS

SCHWEISS-UND GEWINDEFITTTINGE AUS EDELSTAHL

RACCORDS EN ACIER INOXYDABLE FILETÉS ET À SOUDER

RACORES A SOLDAR Y ROSCAR EN ACERO INOXIDABLE

Certificazioni / Certifications

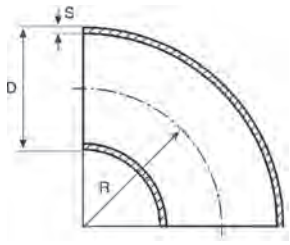
		RACCORDI A SALDARE IN ACCIAIO INOSSIDABILE / STAINLESS STEEL WELDING FITTINGS PRODOTTI E COMPONENTI UTILIZZATI A CONTATTO CON ACQUA POTABILE / PRODUCT AND ELEMENTS IN CONTACT WITH DRINKING WATER	ICIM-CAP-009671-03

FOCUS ON

ACCIAI INOSSIDABILI / *STAINLESS STEEL*

Codice / *Code* ASTM (USA)	EN 10088	
	Nº	Name
AISI 304	1.4301	X5CrNi18-10
AISI 316	1.4401 1.4408	X5CrNiMo17-12-2 GX5CrNiMo19-11-2
AISI 304L	1.4307	X2CrNi18-9
AISI 316L	1.4404	X2CrNiMo17-12-2

A 10 11





700/304L

CURVA 3D 90° DA TUBO SALDATO

- WELDED ELBOW 3D 90°
- ROHRBOGEN GESCHWEISST BA3 90°
- COURBE 3D 90° À SOUDER
- CODO 3D 90°

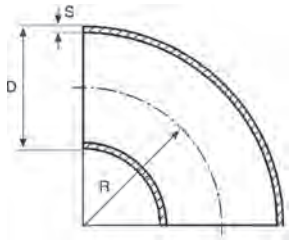
MATERIAL: AISI 304L - 1.4307
NORM: EN 10253-3 (DIN 2605)

Thickness: 2 mm

CODE	DN inch	DN	D mm	S mm	R mm	g			€
700213304	1/2"	15	21,3	2	28	40	10	-	**8,00**
700269304	3/4"	20	26,9	2	29	60	10	-	**8,16**
700337304	1"	25	33,7	2	38	100	10	5400	**9,27**
700424304	1"1/4	32	42,4	2	48	152	10	2880	**11,78**
700483304	1"1/2	40	48,3	2	57	215	10	1800	**13,52**
700603304	2"	50	60,3	2	76	350	5	900	**18,97**
700761304	2"1/2	65	76,1	2	95	560	5	385	**29,17**
700889304	3"	80	88,9	2	114	810	5	350	**39,00**
700101304	3"1/2	90	101,6	2	133,5	954	4	216	**58,37**
700114304	4"	100	114,3	2	152	1300	4	152	**58,85**
700139304	5"	125	139,7	2	190	2100	1	84	**123,53**
700168304	6"	150	168,3	2	229	2840	1	60	**156,41**
700219304	8"	200	219,1	2	305	5150	1	24	**288,43**

Tolleranze dimensionali / Dimensional tolerances
D = il maggiore tra / the bigger between ± 1 % x D / ± 0,5 mm
S = -12,5% x S / +20 % x S
R = ± 2 mm

A 10 11





700/316L

CURVA 3D 90° DA TUBO SALDATO

- WELDED ELBOW 3D 90°
- ROHRBOGEN GESCHWEISST BA3 90°
- COURBE 3D 90° À SOUDER
- CODO 3D 90°

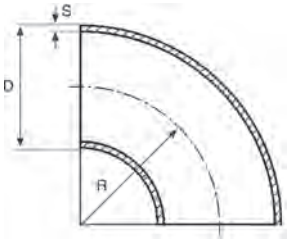
MATERIAL: AISI 316L - 1.4404
NORM: EN 10253-3 (DIN 2605)

Thickness: 2 mm

CODE	DN inch	DN	D mm	S mm	R mm	g			€
700213316	1/2"	15	21,3	2	28	40	10	-	**9,54**
700269316	3/4"	20	26,9	2	29	60	10	-	**10,59**
700337316	1"	25	33,7	2	38	100	10	5400	**11,78**
700424316	1"1/4	32	42,4	2	48	152	10	2880	**14,81**
700483316	1"1/2	40	48,3	2	57	215	10	1800	**17,39**
700603316	2"	50	60,3	2	76	350	5	900	**25,69**
700761316	2"1/2	65	76,1	2	95	560	5	385	**43,77**
700889316	3"	80	88,9	2	114	810	5	350	**53,60**
700101316	3"1/2	90	101,6	2	133,5	954	4	216	**75,00**
700114316	4"	100	114,3	2	152	1300	4	152	**85,02**
700139316	5"	125	139,7	2	190	2100	1	84	**162,54**
700168316	6"	150	168,3	2	229	2840	1	60	**199,25**
700219316	8"	200	219,1	2	305	5150	1	24	**367,52**

Tolleranze dimensionali / Dimensional tolerances
D = il maggiore tra / the bigger between ± 1 % bx D / ± 0,5 mm
S = -12,5% x S / +20 % x S
R = ± 2 mm

A 10 11





701/304L

CURVA 3D 90° DA TUBO SALDATO

- WELDED ELBOW 3D 90°
- ROHRBOGEN GESCHWEISST BA3 90°
- COURBE 3D 90° À SOUDER
- CODO 3D 90°

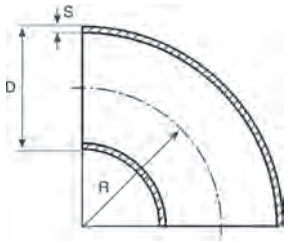
MATERIAL: AISI 304L - 1.4307
NORM: EN 10253-3 (DIN 2605)

Thickness: 3 mm

CODE	DN inch	DN	D mm	S mm	R mm	g			€
701337304	1"	25	33,7	3	38	140	10	5400	**14,54**
701424304	1"1/4	32	42,4	3	48	210	10	2880	**17,51**
701483304	1"1/2	40	48,3	3	57	318	10	1800	**18,19**
701603304	2"	50	60,3	3	76	500	5	900	**25,97**
701761304	2"1/2	65	76,1	3	95	640	5	385	**37,73**
701889304	3"	80	88,9	3	114	1130	5	350	**54,47**
701101304	3"1/2	90	101,6	3	133,5	1524	4	216	**76,69**
701114304	4"	100	114,3	3	152	1575	4	152	**88,61**
701139304	5"	125	139,7	3	190	3135	1	84	**160,14**
701168304	6"	150	168,3	3	229	4390	1	60	**225,00**
701219304	8"	200	219,1	3	305	7365	1	24	**383,78**

Tolleranze dimensionali / Dimensional tolerances
D = il maggiore tra / the bigger between ± 1 % x D / ± 0,5 mm
S = -12,5% x S / +20 % x S
R = ± 2 mm

A 10 11





701/316L

CURVA 3D 90° DA TUBO SALDATO

- WELDED ELBOW 3D 90°
- ROHRBOGEN GESCHWEISST BA3 90°
- COURBE 3D 90° À SOUDER
- CODO 3D 90°

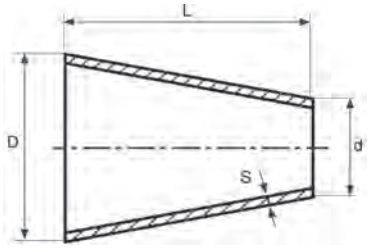
MATERIAL: AISI 316L - 1.4404
NORM: EN 10253-3 (DIN 2605)

Thickness: 3 mm

CODE	DN inch	DN	D mm	S mm	R mm	g			€
701337316	1"	25	33,7	3	38	140	10	5400	**17,90**
701424316	1"1/4	32	42,4	3	48	210	10	2880	**21,60**
701483316	1"1/2	40	48,3	3	57	318	10	1800	**25,19**
701603316	2"	50	60,3	3	76	500	5	900	**33,54**
701761316	2"1/2	65	76,1	3	95	640	5	385	**54,35**
701889316	3"	80	88,9	3	114	1130	5	350	**74,51**
701101316	3"1/2	90	101,6	3	133,5	1524	4	216	**105,84**
701114316	4"	100	114,3	3	152	1575	4	152	**118,39**
701139316	5"	125	139,7	3	190	3135	1	84	**214,74**
701168316	6"	150	168,3	3	229	4390	1	60	**256,80**
701219316	8"	200	219,1	3	305	7365	1	24	**483,80**

Tolleranze dimensionali / Dimensional tolerances
D = il maggiore tra / the bigger between ± 1 % x D / ± 0,5 mm
S = -12,5% x S / +20 % x S
R = ± 2 mm

A 10 12





174/304L

RIDUZIONE CONCENTRICA DA TUBO SALDATO

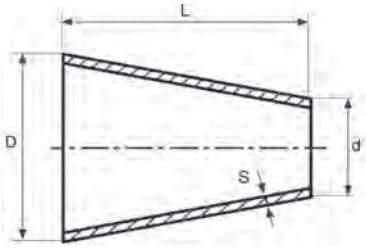
- CONCENTRIC REDUCTION
- REDUZIERSTÜCK KONZENTRISCH
- RÉDUCTION À SOUDER CONCENTRIQUE
- REDUCCIÓN CONCÉNTRICA

MATERIAL: AISI 304L - 1.4307
NORM: EN 10253-3

Thickness: 2 mm

CODE	DN1	DN2	D mm	d mm	S mm	L mm	g		€
174269172	20	10	26,9	17,2	2	38	40	10	22,37
174269213	20	15	26,9	21,3	2	38	45	10	16,02
174337172	25	10	33,7	17,2	2	51	65	10	26,87
174337213	25	15	33,7	21,3	2	51	67	10	20,85
174337269	25	20	33,7	26,9	2	51	70	10	12,24
174424213	32	15	42,4	21,3	2	51	75	10	35,00
174424269	32	20	42,4	26,9	2	51	130	10	26,47
174424337	32	25	42,4	33,7	2	51	100	10	13,85
174483213	40	15	48,3	21,3	2	64	110	10	48,46
174483269	40	20	48,3	26,9	2	64	120	10	31,66
174483337	40	25	48,3	33,7	2	64	160	10	24,98
174483424	40	32	48,3	42,4	2	64	110	10	15,70
174603213	50	15	60,3	21,3	2	76	195	5	74,47
174603269	50	20	60,3	26,9	2	76	350	5	59,61
174603337	50	25	60,3	33,7	2	76	330	5	33,52
174603424	50	32	60,3	42,4	2	76	260	5	28,30
174603483	50	40	60,3	48,3	2	76	210	5	18,80
174761269	65	20	76,1	26,9	2	89	225	1	97,96
174761337	65	25	76,1	33,7	2	89	240	1	70,09
174761424	65	32	76,1	42,4	2	89	500	1	45,50
174761483	65	40	76,1	48,3	2	89	450	1	38,53
174761603	65	50	76,1	60,3	2	89	340	1	24,18
174889337	80	25	88,9	33,7	2	89	300	1	126,02
174889424	80	32	88,9	42,4	2	89	700	1	98,01
174889483	80	40	88,9	48,3	2	89	750	1	60,52
174889603	80	50	88,9	60,3	2	89	590	1	54,63
174889761	80	65	88,9	76,1	2	89	390	1	29,28
174114337	100	25	114,3	33,7	2	102	423	1	179,58
174114424	100	32	114,3	42,4	2	102	420	1	133,39
174114483	100	40	114,3	48,3	2	102	450	1	91,07
174114603	100	50	114,3	60,3	2	102	1460	1	79,45
174114761	100	65	114,3	76,1	2	102	1170	1	63,00
174114889	100	80	114,3	88,9	2	102	920	1	53,89
174139603	125	50	139,7	60,3	2	127	660	1	166,83
174139761	125	65	139,7	76,1	2	127	650	1	140,02
174139889	125	80	139,7	88,9	2	127	2100	1	123,24
174139101	125	90	139,7	101,6	2	127	1730	1	111,71

Tolleranze dimensionali / Dimensional tolerances
S = -12,5% x S / +20 % x S
D = il maggiore tra / the bigger between ± 1 % x D / ± 0,5 mm
L = +/-2 mm ø 17,2÷219,1 mm (1/2"÷8")
L = +/-3 mm ø 273 mm (10")





A 10 12

174/304L

RIDUZIONE CONCENTRICA DA TUBO SALDATO

- CONCENTRIC REDUCTION
- REDUZIERSTÜCK KONZENTRISCH
- RÉDUCTION À SOUDER CONCENTRIQUE
- REDUCCIÓN CONCÉNTRICA

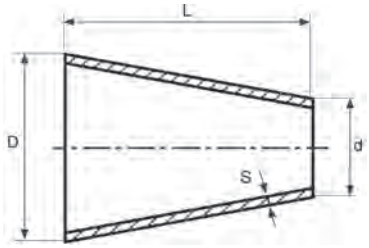
MATERIAL: AISI 304L - 1.4307
NORM: EN 10253-3

Thickness: 2 mm

CODE	DN1	DN2	D mm	d mm	S mm	L mm	g		€
174139114	125	100	139,7	114,3	2	127	1190	1	**111,71**
174168603	150	50	168,3	60,3	2	140	900	1	**210,02**
174168761	150	65	168,3	76,1	2	140	910	1	**182,08**
174168889	150	80	168,3	88,9	2	140	3590	1	**168,04**
174168114	150	100	168,3	114,3	2	140	2630	1	**142,94**
174168139	150	125	168,3	139,7	2	140	1780	1	**110,91**
174219889	200	80	219,1	88,9	2	152	1350	1	**325,71**
174219114	200	100	219,1	114,3	2	152	1350	1	**265,96**
174219139	200	125	219,1	139,7	2	152	5320	1	**168,04**
174219168	200	150	219,1	168,3	2	152	4100	1	**153,99**
174273139	250	125	273	139,7	2	178	2000	1	**454,99**
174273168	250	150	273	168,3	2	178	2050	1	**412,99**
174273219	250	200	273	219,1	2	178	2200	1	**316,83**

Tolleranze dimensionali / Dimensional tolerances
S = -12,5% x S / +20 % x S
D = il maggiore tra / the bigger between ± 1 % x D / ± 0,5 mm
L = +/-2 mm ø 17,2÷219,1 mm (1/2"÷8")
L = +/-3 mm ø 273 mm (10")

A 10 12





176/316L

RIDUZIONE CONCENTRICA DA TUBO SALDATO

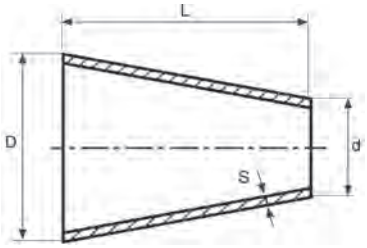
- CONCENTRIC REDUCTION
- REDUZIERSTÜCK KONZENTRISCH
- RÉDUCTION À SOUDER CONCENTRIQUE
- REDUCCIÓN CONCÉNTRICA

MATERIAL: AISI 316L - 1.4404
NORM: EN 10253-3

Thickness: 2 mm

CODE	DN1	DN2	D mm	d mm	S mm	L mm	g		€
176269172	20	10	26,9	17,2	2	38	40	10	**28,78**
176269213	20	15	26,9	21,3	2	38	45	10	**19,78**
176337172	25	10	33,7	17,2	2	51	65	10	**33,25**
176337213	25	15	33,7	21,3	2	51	67	10	**26,50**
176337269	25	20	33,7	26,9	2	51	70	10	**15,23**
176424213	32	15	42,4	21,3	2	51	75	10	**43,85**
176424269	32	20	42,4	26,9	2	51	130	10	**32,56**
176424337	32	25	42,4	33,7	2	51	100	10	**16,96**
176483213	40	15	48,3	21,3	2	64	110	10	**60,47**
176483269	40	20	48,3	26,9	2	64	120	10	**39,33**
176483337	40	25	48,3	33,7	2	64	160	10	**31,90**
176483424	40	32	48,3	42,4	2	64	110	10	**18,74**
176603213	50	15	60,3	21,3	2	76	195	5	**96,09**
176603269	50	20	60,3	26,9	2	76	350	5	**74,08**
176603337	50	25	60,3	33,7	2	76	330	5	**42,74**
176603424	50	32	60,3	42,4	2	76	260	5	**36,54**
176603483	50	40	60,3	48,3	2	76	210	5	**24,86**
176761269	65	20	76,1	26,9	2	89	225	1	**126,98**
176761337	65	25	76,1	33,7	2	89	240	1	**90,65**
176761424	65	32	76,1	42,4	2	89	500	1	**60,68**
176761483	65	40	76,1	48,3	2	89	450	1	**51,46**
176761603	65	50	76,1	60,3	2	89	340	1	**33,46**
176889337	80	25	88,9	33,7	2	89	300	1	**163,28**
176889424	80	32	88,9	42,4	2	89	700	1	**126,99**
176889483	80	40	88,9	48,3	2	89	750	1	**78,64**
176889603	80	50	88,9	60,3	2	89	590	1	**71,10**
176889761	80	65	88,9	76,1	2	89	390	1	**40,13**
176114337	100	25	114,3	33,7	2	102	423	1	**235,87**
176114424	100	32	114,3	42,4	2	102	420	1	**172,36**
176114483	100	40	114,3	48,3	2	102	450	1	**117,95**
176114603	100	50	114,3	60,3	2	102	1460	1	**102,79**
176114761	100	65	114,3	76,1	2	102	1170	1	**84,03**
176114889	100	80	114,3	88,9	2	102	920	1	**64,61**
176139603	125	50	139,7	60,3	2	127	660	1	**217,46**
176139761	125	65	139,7	76,1	2	127	650	1	**181,42**
176139889	125	80	139,7	88,9	2	127	2100	1	**159,47**
176139101	125	90	139,7	101,6	2	127	1730	1	**159,47**

Tolleranze dimensionali / Dimensional tolerances
S = -12,5% x S / +20 % x S
D = il maggiore tra / the bigger between ± 1 % x D / ± 0,5 mm
L = +/-2 mm ø 17,2÷219,1 mm (1/2"÷8")
L = +/-3 mm ø 273 mm (10")





A 10 12

176/316L

RIDUZIONE CONCENTRICA DA TUBO SALDATO

- CONCENTRIC REDUCTION
- REDUZIERSTÜCK KONZENTRISCH
- RÉDUCTION À SOUDER CONCENTRIQUE
- REDUCCIÓN CONCÉNTRICA

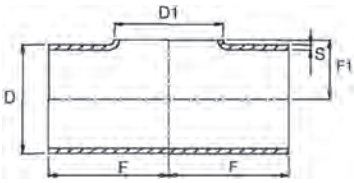
MATERIAL: AISI 316L - 1.4404
NORM: EN 10253-3

Thickness: 2 mm

CODE	DN1	DN2	D mm	d mm	S mm	L mm	g		€
176139114	125	100	139,7	114,3	2	127	1190	1	**145,13**
176168603	150	50	168,3	60,3	2	140	900	1	**271,09**
176168761	150	65	168,3	76,1	2	140	910	1	**235,87**
176168889	150	80	168,3	88,9	2	140	3590	1	**217,46**
176168114	150	100	168,3	114,3	2	140	2630	1	**199,59**
176168139	150	125	168,3	139,7	2	140	1780	1	**140,96**
176219889	200	80	219,1	88,9	2	152	1350	1	**435,45**
176219114	200	100	219,1	114,3	2	152	1350	1	**344,75**
176219139	200	125	219,1	139,7	2	152	5320	1	**224,03**
176219168	200	150	219,1	168,3	2	152	4100	1	**209,12**
176273139	250	125	273	139,7	2	178	2000	1	**589,75**
176273168	250	150	273	168,3	2	178	2050	1	**535,20**
176273219	250	200	273	219,1	2	178	2200	1	**418,19**

Tolleranze dimensionali / Dimensional tolerances
S = -12,5% x S / +20 % x S
D = il maggiore tra / the bigger between ± 1 % x D / ± 0,5 mm
L = +/-2 mm ø 17,2÷219,1 mm (1/2"÷8")
L = +/-3 mm ø 273 mm (10")

A 10 13





200/304L - R

TEE RIBASSATI

- SHORT TEE
- KÜRZE T-STÜCK
- TÉ À SOUDER COURT
- TE CUELLO CORTO

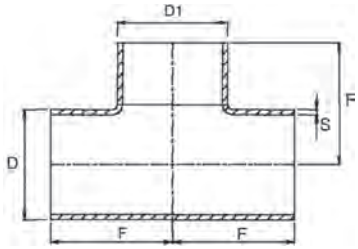
MATERIAL: AISI 304L - 1.4307
NORM: EN 10253-3

Thickness: 2 mm

CODE	DN	D - D1 mm	S mm	F mm	F1 mm	g		€
200213004	15 (1/2")	21,3	2	25	12	66	10	**16,16**
200269004	20 (3/4")	26,9	2	28	15	90	10	**16,84**
200337004	25 (1")	33,7	2	38	19	146	10	**19,10**
200424004	32 (1"1/4)	42,4	2	47	23	230	10	**23,81**
200483004	40 (1"1/2)	48,3	2	57	26	330	10	**28,22**
200603004	50 (2")	60,3	2	63	33	420	5	**31,60**
200761004	65 (2"1/2)	76,1	2	76	42	850	5	**49,64**
200889004	80 (3")	88,9	2	85	48	1050	5	**54,73**
200114004	100 (4")	114,3	2	105	62	1314	4	**99,39**

Tolleranze dimensionali / Dimensional tolerances
D = il maggiore tra / the bigger between ± 1 % x D / ± 0,5 mm
F – F1 = ± 2 mm
S = -12,5% x S / +20% x S

A 10 13





200/304L - N

TEE NORMALI

- NORMAL TEE
- NORMALE T-STÜCK
- NORMAL TÉ À SOUDER
- TE CUELLO LARGO

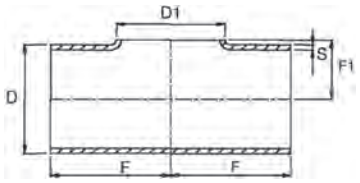
MATERIAL: AISI 304L - 1.4307
NORM: EN 10253-3

Thickness: 2 mm

CODE	DN	D - D1 mm	S mm	F mm	g		€
200213304	15 (1/2")	21,3	2	25	150	10	**21,56**
200269304	20 (3/4")	26,9	2	28	170	10	**22,34**
200337304	25 (1")	33,7	2	38	250	10	**25,66**
200424304	32 (1"1/4)	42,4	2	47	340	10	**31,66**
200483304	40 (1"1/2)	48,3	2	57	460	5	**37,59**
200603304	50 (2")	60,3	2	63	550	5	**42,20**
200761304	65 (2"1/2)	76,1	2	76	990	5	**66,26**
200889304	80 (3")	88,9	2	85	1290	5	**73,05**
200114304	100 (4")	114,3	2	105	1850	4	**132,52**
200139304	125 (5")	139,7	2	124	2060	1	**544,60**
200168304	150 (6")	168,3	2	143	2980	1	**766,46**
200219304	200 (8")	219,1	2	178	4330	1	**1315,98**

Tolleranze dimensionali / Dimensional tolerances
D = il maggiore tra / the bigger between ± 1 % x D / ± 0,5 mm
F = ± 2 mm
S = -12,5% x S / +20% x S

A 10 13





200/316L - R

TEE RIBASSATI

- SHORT TEE
- KÜRZE T-STÜCK
- TÉ À SOUDER COURT
- TE CUELLO CORTO

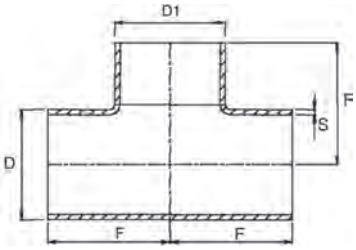
MATERIAL: AISI 316L - 1.4404
NORM: EN 10253-3

Thickness: 2 mm

CODE	DN	D - D1 mm	S mm	F mm	F1 mm	g		€
200213006	15 (1/2")	21,3	2	25	12	66	10	**17,26**
200269006	20 (3/4")	26,9	2	28	15	90	10	**18,44**
200337006	25 (1")	33,7	2	38	19	146	10	**20,61**
200424006	32 (1"1/4)	42,4	2	47	23	230	10	**29,13**
200483006	40 (1"1/2)	48,3	2	57	26	330	10	**34,46**
200603006	50 (2")	60,3	2	63	33	420	5	**40,00**
200761006	65 (2"1/2)	76,1	2	76	42	850	5	**62,33**
200889006	80 (3")	88,9	2	85	48	1050	5	**73,28**
200114006	100 (4")	114,3	2	105	62	1314	4	**138,64**

Tolleranze dimensionali / Dimensional tolerances
D = il maggiore tra / the bigger between ± 1 % x D / ± 0,5 mm
F – F1 = ± 2 mm
S = -12,5% x S / +20% x S

A 10 13





200/316L - N

TEE NORMALI

- NORMAL TEE
- NORMALE T-STÜCK
- NORMAL TÉ À SOUDER
- TE CUELLO LARGO

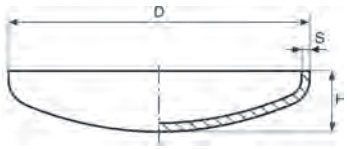
MATERIAL: AISI 316L - 1.4404
NORM: EN 10253-3

Thickness: 2 mm

CODE	DN	D - D1 mm	S mm	F mm	g		€
200213316	15 (1/2")	21,3	2	25	150	10	**23,04**
200269316	20 (3/4")	26,9	2	38	170	10	**23,92**
200337316	25 (1")	33,7	2	28	250	10	**27,07**
200424316	32 (1"1/4)	42,4	2	47	340	10	**38,77**
200483316	40 (1"1/2)	48,3	2	57	460	5	**45,90**
200603316	50 (2")	60,3	2	63	550	5	**53,37**
200761316	65 (2"1/2)	76,1	2	76	990	5	**83,09**
200889316	80 (3")	88,9	2	85	1290	5	**95,15**
200114316	100 (4")	114,3	2	105	1850	4	**183,01**
200139316	125 (5")	139,7	2	124	2060	1	**686,31**
200168316	150 (6")	168,3	2	143	2980	1	**956,34**
200219316	200 (8")	219,1	2	178	4330	1	**1648,05**

Tolleranze dimensionali / Dimensional tolerances
D = il maggiore tra / the bigger between ± 1 % x D / ± 0,5 mm
F = ± 2 mm
S = -12,5% x S / +20% x S

A 10 14





800/316L

FONDELLO BOMBATO

- CAP
- KLÖPPERBODEN
- FOND BOMBÉ
- CAP

MATERIAL: AISI 316L – 1.4404
NORM: EN 10253-3

Thickness: 2 mm

CODE	DN	DN inch	D mm	S mm	H mm	g		€
800213316	15	1/2"	21,3	2	15	20	10	**8,41**
800269316	20	3/4"	26,9	2	14	30	10	**8,41**
800337316	25	1"	33,7	2	17	50	10	**9,94**
800424316	32	1"1/4	42,4	2	19	70	10	**10,96**
800483316	40	1"1/2	48,3	2	20	90	10	**12,10**
800603316	50	2"	60,3	2	22	150	10	**13,43**
800761316	65	2"1/2	76,1	2	25	220	10	**15,04**
800889316	80	3"	88,9	2	28	290	5	**22,34**
800101316	90	3"1/2	101,6	2	25	225	5	**29,34**
800108316	-	-	108	2	30	248	5	**33,38**
800114316	100	4"	114,3	2	31	270	5	**46,72**
800139316	125	5"	139,7	2	35	650	2	**57,87**
800168316	150	6"	168,3	2	40	900	2	**84,95**
800219316	200	8"	219,1	2	50	1200	2	**132,97**
800273316	250	10"	273	2	60	1200	1	**164,46**
800324316	300	12"	323,9	2	72	2200	1	**232,85**

Tolleranze dimensionali / Dimensional tolerances
S = -12,5% x S / +20 % x S
D1 = ±1% x D1 minimo / minimum 0,5 mm
H = ±4 mm fino a / till ø 114,3 mm (4")
H = ±7 mm ø 139,7÷323,9 mm (5"÷12")

FOCUS ON

PRESSIONE MASSIMA / *MAXIMUM PRESSURE (bar)*

DN mm	Sp/Thk mm				
21,3	2	90	70	-	-
26,9	2	90	55	100	100
33,7	2	80	40	100	90
42,4	2	60	30	90	85
48,2	2	55	25	70	75
54	2	-	-	70	-
57	2	-	-	60	-
60,3	2	45	20	60	60
70	2	-	-	50	-
76,1	2	35	15	50	45
88,9	2	40	10	40	40
101,6	2	30	-	30	-
108	2	-	-	30	-
114,3	2	25	10	30	30
133	2	-	-	30	-
139,7	2	20	7	20	25
159	2	-	-	20	
168,3	2	15	5	20	20
193,7	2	-	-	20	-
219,1	2	15	5	15	15
244,5	2	-	-	15	-
273	2	10	-	10	10
323,9	2	10	-	10	-

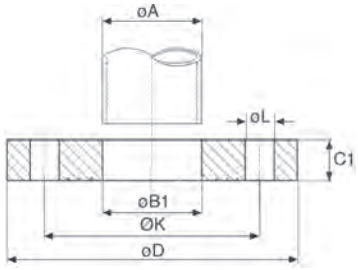
DN mm	Sp/Thk mm	
33,7	3	90
42,4	3	80
48,2	3	70
60,3	3	55
76,1	3	45
88,9	3	40
101,6	3	30
114,3	3	30
139,7	3	25
168,3	3	20
219,1	3	15
273	3	15
323,9	3	10

NOTE

Pmax (bar) indicative a 20°C raccordi a saldare in acciaio inox AISI 304L/316L
Indicative Pmax (bar) at 20°C for welding fittings in stainless steel AISI 304L/316L

Le sopra indicate pressioni massime sono puramente indicative.
Resta cura del progettista la scelta del materiale in funzione alle reali condizioni di utilizzo.
The above maximum pressures are indicative. Planner must choose the materials in according to the real condition of work.

A 20 21





410/316L

FLANGIA PIANA

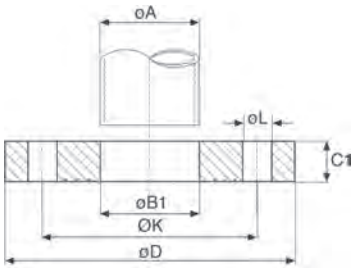
- PLATE FLANGE
- GLATTE FLANSCH
- BRIDE PLATE
- BRIDA PLANA

MATERIAL: AISI 316L - 1.4404
NORM: EN 1092-1-01 tipo/type "A"

PN 6

CODE	Pipe		Flange					Bolts		kg		€
	DN	A mm	B1 mm	D mm	C1 mm	K mm	L mm	N°	Thr.			
410015316	15 - 1/2"	21,3	22	80	12	55	11	4	M 10	0,402	1	33,50
410020316	20 - 3/4"	26,9	27,5	90	14	65	11	4	M 10	0,592	1	49,30
410025316	25 - 1"	33,7	34,5	100	14	75	11	4	M 10	0,719	1	62,92
410032316	32 - 1"1/4	42,4	43,5	120	16	90	14	4	M 12	1,16	1	96,51
410040316	40 - 1"1/2	48,3	49,5	130	16	100	14	4	M 12	1,35	1	112,31
410050316	50 - 2"	60,3	61,5	140	16	110	14	4	M 12	1,48	1	123,08
410065316	65 - 2"1/2	76,1	77,5	160	16	130	14	4	M 12	1,86	1	154,79
410080316	80 - 3"	88,9	90,5	190	18	150	18	4	M 16	2,95	1	232,86
410100316	100 - 4"	114,3	116	210	18	170	18	4	M 16	3,26	1	257,19

A 20 21





426/304L - 427/304L

FLANGIA PIANA

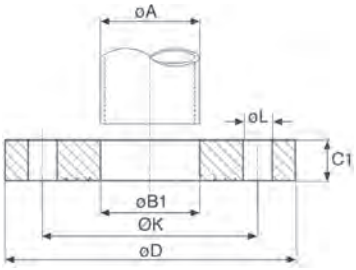
- PLATE FLANGE
- GLATTE FLANSCH
- BRIDE PLATE
- BRIDA PLANA

MATERIAL: AISI 304L - 1.4307
NORM: EN 1092-1-01 tipo/type "A"

PN 10

CODE	PN	Pipe		Flange					Bolts		kg		€
		DN	A mm	B1 mm	D mm	C1 mm	K mm	L mm	N°	Thr.			
427015304	PN10=16=25=40	15 - 1/2"	21,3	22	95	14	65	14	4	M 12	0,7	1	42,02
427020304		20 - 3/4"	26,9	27,5	105	16	75	14	4	M 12	1	1	59,06
427025304		25 - 1"	33,7	34,5	115	16	85	14	4	M 12	1,1	1	69,74
427032304		32 - 1"1/4	42,4	43,5	140	18	100	18	4	M 16	1,8	1	114,32
427040304		40 - 1"1/2	48,3	49,5	150	18	110	18	4	M 16	2,1	1	130,59
427050304	PN10=16	50 - 2"	60,3	61,5	165	20	125	18	4	M 16	2,6	1	171,40
427065304		65 - 2"1/2	76,1	77,5	185	20	145	18	8	M 16	3,3	1	194,64
427080304		80 - 3"	88,9	90,5	200	20	160	18	8	M 16	3,6	1	221,77
427100304		100 - 4"	114,3	116	220	22	180	18	8	M 16	4,4	1	270,36
427125304		125 - 5"	139,7	141,5	250	22	210	18	8	M 16	5,4	1	333,32
427150304		150 - 6"	168,3	170,5	285	24	240	22	8	M 20	7,2	1	439,81
426200304	PN10	200 - 8"	219,1	221,5	340	24	295	22	8	M 20	9,3	1	592,91
426250304		250 - 10"	273	276,5	395	26	350	22	12	M 20	12	1	783,42
426300304		300 - 12"	323,9	327,5	445	26	400	22	12	M 20	13,8	1	933,14
426350304		350 - 14"	355,6	359,5	505	28	460	22	16	M 20	20,6	1	on demand
426400304		400 - 16"	406,4	411	565	32	515	26	16	M 24	28	1	on demand
426500304		500 - 20"	508	513,5	670	38	620	26	20	M 24	41	1	on demand

A 20 21





427/304L

FLANGIA PIANA

- PLATE FLANGE
- GLATTE FLANSCH
- BRIDE PLATE
- BRIDA PLANA

MATERIAL: AISI 304L - 1.4307
NORM: EN 1092-1-01 tipo/type "A"

PN 16

CODE	PN	Pipe		Flange					Bolts		kg		€
		DN	A mm	B1 mm	D mm	C1 mm	K mm	L mm	Nº	Thr.			
427015304	PN10=16=25=40	15 - 1/2"	21,3	22	95	14	65	14	4	M 12	0,7	1	**42,02**
427020304		20 - 3/4"	26,9	27,5	105	16	75	14	4	M 12	1	1	**59,06**
427025304		25 - 1"	33,7	34,5	115	16	85	14	4	M 12	1,1	1	**69,74**
427032304		32 - 1"1/4	42,4	43,5	140	18	100	18	4	M 16	1,8	1	**114,32**
427040304		40 - 1"1/2	48,3	49,5	150	18	110	18	4	M 16	2,1	1	**130,59**
427050304	PN10=16	50 - 2"	60,3	61,5	165	20	125	18	4	M 16	2,6	1	**171,40**
427065304		65 - 2"1/2	76,1	77,5	185	20	145	18	8	M 16	3,3	1	**194,64**
427080304		80 - 3"	88,9	90,5	200	20	160	18	8	M 16	3,6	1	**221,77**
427100304		100 - 4"	114,3	116	220	22	180	18	8	M 16	4,4	1	**270,36**
427125304		125 - 5"	139,7	141,5	250	22	210	18	8	M 16	5,4	1	**333,32**
427150304		150 - 6"	168,3	170,5	285	24	240	22	8	M 20	7,2	1	**439,81**
427200304	PN16	200 - 8"	219,1	221,5	340	26	295	22	12	M 20	9,8	1	**622,32**
427250304		250 - 10"	273	276,5	405	29	355	26	12	M 24	14,5	1	**1008,78**
427300304		300 - 12"	323,9	327,5	460	32	410	26	12	M 24	19,3	1	**1154,70**
427350304		350 - 14"	355,6	359,5	520	35	470	26	16	M 24	28,5	1	**on demand**
427400304		400 - 16"	406,4	411	580	38	525	30	16	M 27	36,2	1	**on demand**
427500304		500 - 20"	508	513,5	715	46	650	33	20	M 30	64	1	**on demand**

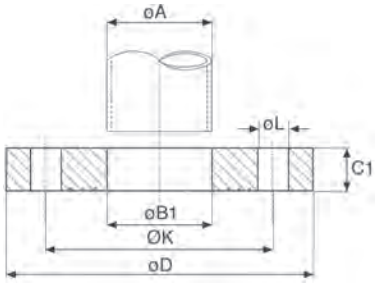
A 20 21

426/316L - 427/316L

FLANGIA PIANA

- PLATE FLANGE
- GLATTE FLANSCH
- BRIDE PLATE
- BRIDA PLANA

MATERIAL: AISI 316L - 1.4404
NORM: EN 1092-1-01 tipo/type "A"

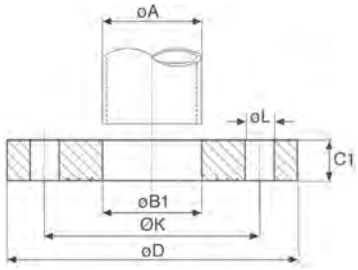




PN 10

CODE	PN	Pipe		Flange					Bolts		kg		€
		DN	A mm	B1 mm	D mm	C1 mm	K mm	L mm	Nº	Thr.			
427015316	PN10=16=25=40	15 - 1/2"	21,3	22	95	14	65	14	4	M 12	0,7	1	**54,74**
427020316		20 - 3/4"	26,9	27,5	105	16	75	14	4	M 12	1	1	**74,07**
427025316		25 - 1"	33,7	34,5	115	16	85	14	4	M 12	1,1	1	**85,24**
427032316		32 - 1"1/4	42,4	43,5	140	18	100	18	4	M 16	1,8	1	**148,46**
427040316		40 - 1"1/2	48,3	49,5	150	18	110	18	4	M 16	2,1	1	**169,59**
427050316	PN10=16	50 - 2"	60,3	61,5	165	20	125	18	4	M 16	2,6	1	**222,60**
427065316		65 - 2"1/2	76,1	77,5	185	20	145	18	8	M 16	3,3	1	**253,90**
427080316		80 - 3"	88,9	90,5	200	20	160	18	8	M 16	3,6	1	**289,34**
427100316		100 - 4"	114,3	116	220	22	180	18	8	M 16	4,4	1	**352,74**
427125316		125 - 5"	139,7	141,5	250	22	210	18	8	M 16	5,4	1	**437,71**
427150316		150 - 6"	168,3	170,5	285	24	240	22	8	M 20	7,2	1	**573,75**
426200316	PN10	200 - 8"	219,1	221,5	340	24	295	22	8	M 20	9,3	1	**773,63**
426250316		250 - 10"	273	276,5	395	26	350	22	12	M 20	12	1	**1025,28**
426300316		300 - 12"	323,9	327,5	445	26	400	22	12	M 20	13,8	1	**1059,61**
426350316		350 - 14"	355,6	359,5	505	28	460	22	16	M 20	20,6	1	**on demand**
426400316		400 - 16"	406,4	411	565	32	515	26	16	M 24	28	1	**on demand**
426500316		500 - 20"	508	513,5	670	38	620	26	20	M 24	41	1	**on demand**

A 20 21





427/316L

FLANGIA PIANA

- PLATE FLANGE
- GLATTE FLANSCH
- BRIDE PLATE
- BRIDA PLANA

MATERIAL: AISI 316L - 1.4404
NORM: EN 1092-1-01 tipo/type "A"

PN 16

CODE	PN	Pipe		Flange					Bolts		kg		€
		DN	A mm	B1 mm	D mm	C1 mm	K mm	L mm	Nº	Thr.			
427015316	PN10=16=25=40	15 - 1/2"	21,3	22	95	14	65	14	4	M 12	0,7	1	**54,74**
427020316		20 - 3/4"	26,9	27,5	105	16	75	14	4	M 12	1	1	**74,07**
427025316		25 - 1"	33,7	34,5	115	16	85	14	4	M 12	1,1	1	**85,24**
427032316		32 - 1"1/4	42,4	43,5	140	18	100	18	4	M 16	1,8	1	**148,46**
427040316		40 - 1"1/2	48,3	49,5	150	18	110	18	4	M 16	2,1	1	**169,59**
427050316	PN10=16	50 - 2"	60,3	61,5	165	20	125	18	4	M 16	2,6	1	**222,60**
427065316		65 - 2"1/2	76,1	77,5	185	20	145	18	8	M 16	3,3	1	**253,90**
427080316		80 - 3"	88,9	90,5	200	20	160	18	8	M 16	3,6	1	**289,34**
427100316		100 - 4"	114,3	116	220	22	180	18	8	M 16	4,4	1	**352,74**
427125316		125 - 5"	139,7	141,5	250	22	210	18	8	M 16	5,4	1	**437,71**
427150316		150 - 6"	168,3	170,5	285	24	240	22	8	M 20	7,2	1	**573,75**
427200316	PN16	200 - 8"	219,1	221,5	340	26	295	22	12	M 20	9,8	1	**803,21**
427250316		250 - 10"	273	276,5	405	29	355	26	12	M 24	14,5	1	**1219,58**
427300316		300 - 12"	323,9	327,5	460	32	410	26	12	M 24	19,3	1	**1536,79**
427350316		350 - 14"	355,6	359,5	520	35	470	26	16	M 24	28,5	1	**on demand**
427400316		400 - 16"	406,4	411	580	38	525	30	16	M 27	36,2	1	**on demand**
427500316		500 - 20"	508	513,5	715	46	650	33	20	M 30	64	1	**on demand**

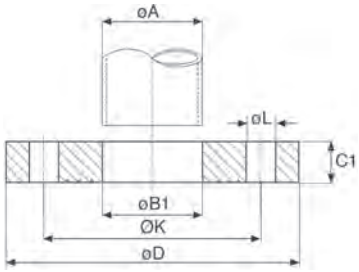
A 20 21

427/304L - 428/304L

FLANGIA PIANA

- PLATE FLANGE
- GLATTE FLANSCH
- BRIDE PLATE
- BRIDA PLANA

MATERIAL: AISI 304L - 1.4307
NORM: EN 1092-1-01 tipo/type "A"

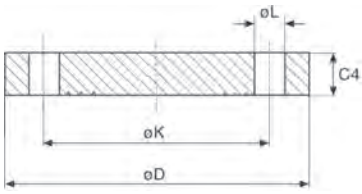




PN 40

CODE	PN	Pipe		Flange					Bolts		kg		€
		DN	A mm	B1 mm	D mm	C1 mm	K mm	L mm	N°	Thr.			
427015304	PN10=16=25=40	15 - 1/2"	21,3	22	95	14	65	14	4	M 12	0,7	1	**42,02**
427020304		20 - 3/4"	26,9	27,5	105	16	75	14	4	M 12	1	1	**59,06**
427025304		25 - 1"	33,7	34,5	115	16	85	14	4	M 12	1,1	1	**69,74**
427032304		32 - 1"1/4	42,4	43,5	140	18	100	18	4	M 16	1,8	1	**114,32**
427040304		40 - 1"1/2	48,3	49,5	150	18	110	18	4	M 16	2,1	1	**130,59**
428050304	PN25=40	50 - 2"	60,3	61,5	165	20	125	18	4	M 16	2,73	1	**178,75**
428065304		65 - 2"1/2	76,1	77,5	185	22	145	18	8	M 16	3,48	1	**227,92**
428080304		80 - 3"	88,9	90,5	200	24	160	18	8	M 16	4,32	1	**282,80**
428100304		100 - 4"	114,3	116	235	26	190	22	8	M 20	6,07	1	**397,33**
428125304		125 - 5"	139,7	141,5	270	28	220	26	8	M 24	8,19	1	**536,29**
428150304		150 - 6"	168,3	170,5	300	30	250	26	8	M 24	10,3	1	**674,33**
428200304	PN40	200 - 8"	219,1	221,5	375	36	320	30	12	M 27	17,9	1	**1310,96**
428250304		250 - 10"	273	276,5	450	42	385	33	12	M 30	29,3	1	**1918,20**
428300304		300 - 12"	323,9	327,5	515	52	450	33	16	M 30	45,1	1	**2952,67**

A 20 21





432/304L - 433/304L

FLANGIA CIECA

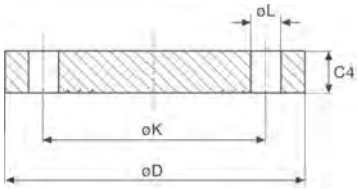
- BLIND FLANGE
- BLINDFLANSCH
- BRIDE PLEINE
- BRIDA CIEGA

MATERIAL: AISI 304L - 1.4307
NORM: EN 1092-1-05 tipo/type "A"

PN 10

CODE	PN	DN	Flange				Bolts		kg		€
			D mm	C4 mm	K mm	L mm	Nº	Thr.			
433015304	PN10=16=25=40	15 - 1/2"	95	16	65	14	4	M 12	0,8	1	71,39
433020304		20 - 3/4"	105	18	75	14	4	M 12	1,1	1	76,05
433025304		25 - 1"	115	18	85	14	4	M 12	1,4	1	102,87
433032304		32 - 1"1/4	140	18	100	18	4	M 16	2	1	135,14
433040304		40 - 1"1/2	150	18	110	18	4	M 16	2,4	1	175,10
433050304	PN10=16	50 - 2"	165	18	125	18	4	M 16	2,9	1	191,81
433065304		65 - 2"1/2	185	18	145	18	8	M 16	3,7	1	225,53
433080304		80 - 3"	200	20	160	18	8	M 16	4,6	1	296,17
433100304		100 - 4"	220	20	180	18	8	M 16	5,7	1	363,00
433125304		125 - 5"	250	22	210	18	8	M 16	8,1	1	522,26
433150304		150 - 6"	285	22	240	22	8	M 20	10,5	1	674,36
432200304	PN10	200 - 8"	340	24	295	22	8	M 20	16,5	1	1040,48
432250304		250 - 10"	395	26	350	22	12	M 20	24	1	1604,17
432300304		300 - 12"	445	26	400	22	12	M 20	31	1	2050,09

A 20 21





433/304L

FLANGIA CIECA

- BLIND FLANGE
- BLINDFLANSCH
- BRIDE PLEINE
- BRIDA CIEGA

MATERIAL: AISI 304L - 1.4307
NORM: EN 1092-1-05 tipo/type "A"

PN 16

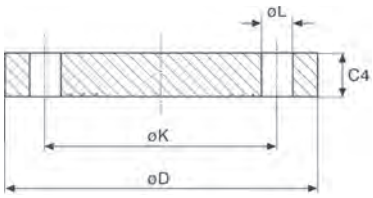
CODE	PN	DN	Flange				Bolts		kg		€
			D mm	C4 mm	K mm	L mm	Nº	Thr.			
433015304	PN10=16=25=40	15 - 1/2"	95	16	65	14	4	M 12	0,8	1	71,39
433020304		20 - 3/4"	105	18	75	14	4	M 12	1,1	1	76,05
433025304		25 - 1"	115	18	85	14	4	M 12	1,4	1	102,87
433032304		32 - 1"1/4	140	18	100	18	4	M 16	2	1	135,14
433040304		40 - 1"1/2	150	18	110	18	4	M 16	2,4	1	175,10
433050304	PN10=16	50 - 2"	165	18	125	18	4	M 16	2,9	1	191,81
433065304		65 - 2"1/2	185	18	145	18	8	M 16	3,7	1	225,53
433080304		80 - 3"	200	20	160	18	8	M 16	4,6	1	296,17
433100304		100 - 4"	220	20	180	18	8	M 16	5,7	1	363,00
433125304		125 - 5"	250	22	210	18	8	M 16	8,1	1	522,26
433150304		150 - 6"	285	22	240	22	8	M 20	10,5	1	674,36
433200304	PN16	200 - 8"	340	24	295	22	12	M 20	16,5	1	1040,48
433250304		250 - 10"	405	26	355	26	12	M 24	25	1	1634,87
433300304		300 - 12"	460	28	410	26	12	M 24	35	1	2338,67

A 20 21

432/316L - 433/316L

FLANGIA CIECA

- BLIND FLANGE
- BLINDFLANSCH
- BRIDE PLEINE
- BRIDA CIEGA



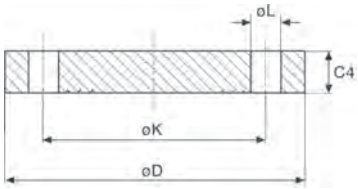


PN 10

MATERIAL: AISI 316L - 1.4404
NORM: EN 1092-1-05 tipo/type "A"

CODE	PN	DN	Flange				Bolts		kg		€
			D mm	C4 mm	K mm	L mm	Nº	Thr.			
433015316	PN10=16=25=40	15 - 1/2"	95	16	65	14	4	M 12	0,8	1	**84,24**
433020316		20 - 3/4"	105	18	75	14	4	M 12	1,1	1	**100,97**
433025316		25 - 1"	115	18	85	14	4	M 12	1,4	1	**122,26**
433032316		32 - 1"1/4	140	18	100	18	4	M 16	2	1	**192,30**
433040316		40 - 1"1/2	150	18	110	18	4	M 16	2,4	1	**208,15**
433050316	PN10=16	50 - 2"	165	18	125	18	4	M 16	2,9	1	**255,08**
433065316		65 - 2"1/2	185	18	145	18	8	M 16	3,7	1	**299,97**
433080316		80 - 3"	200	20	160	18	8	M 16	4,6	1	**393,88**
433100316		100 - 4"	220	20	180	18	8	M 16	5,7	1	**482,73**
433125316		125 - 5"	250	22	210	18	8	M 16	8,1	1	**694,62**
433150316		150 - 6"	285	22	240	22	8	M 20	10,5	1	**897,00**
432200316	PN10	200 - 8"	340	24	295	22	8	M 20	16,5	1	**1349,40**
432250316		250 - 10"	395	26	350	22	12	M 20	24	1	**2091,54**
432300316		300 - 12"	445	26	400	22	12	M 20	31	1	**2727,54**
432350316		350 - 14"	505	26	460	22	16	M 20	40	1	**on demand**
432400316		400 - 16"	565	26	515	26	16	M 24	50	1	**on demand**
432500316		500 - 20"	670	28	620	26	20	M 24	75	1	**on demand**

A 20 21





433/316L

FLANGIA CIECA

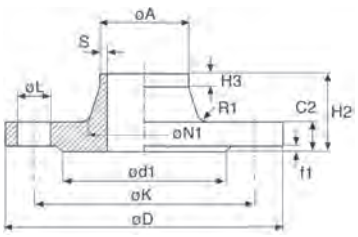
- BLIND FLANGE
- BLINDFLANSCH
- BRIDE PLEINE
- BRIDA CIEGA

PN 16

MATERIAL: AISI 316L - 1.4404
NORM: EN 1092-1-05 tipo/type "A"

CODE	PN	DN	Flange				Bolts		kg		€
			D mm	C4 mm	K mm	L mm	Nº	Thr.			
433015316	PN10=16=25=40	15 - 1/2"	95	16	65	14	4	M 12	0,8	1	**84,24**
433020316		20 - 3/4"	105	18	75	14	4	M 12	1,1	1	**100,97**
433025316		25 - 1"	115	18	85	14	4	M 12	1,4	1	**122,26**
433032316		32 - 1"1/4	140	18	100	18	4	M 16	2	1	**192,30**
433040316		40 - 1"1/2	150	18	110	18	4	M 16	2,4	1	**208,15**
433050316	PN10=16	50 - 2"	165	18	125	18	4	M 16	2,9	1	**255,08**
433065316		65 - 2"1/2	185	18	145	18	8	M 16	3,7	1	**299,97**
433080316		80 - 3"	200	20	160	18	8	M 16	4,6	1	**393,88**
433100316		100 - 4"	220	20	180	18	8	M 16	5,7	1	**482,73**
433125316		125 - 5"	250	22	210	18	8	M 16	8,1	1	**694,62**
433150316		150 - 6"	285	22	240	22	8	M 20	10,5	1	**897,00**
433200316	PN16	200 - 8"	340	24	295	22	12	M 20	16,5	1	**1349,40**
433250316		250 - 10"	405	26	355	26	12	M 24	25	1	**2226,50**
433300316		300 - 12"	460	28	410	26	12	M 24	35	1	**2874,11**
433350316		350 - 14"	520	30	470	26	16	M 24	48	1	**on demand**
433400316		400 - 16"	580	32	525	30	16	M 27	63,5	1	**on demand**
433500316		500 - 20"	715	44	650	33	20	M 30	133	1	**on demand**

A 20 21





429/304L

FLANGIA A COLLARINO

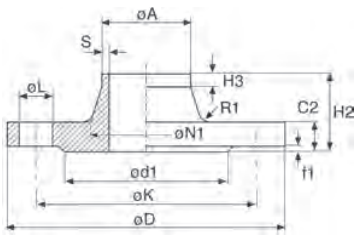
- WELDING NECK FLANGE
- VORSCHWEISS-FLANSCH
- BRIDE COLLERETTE
- BRIDA CUELLO

PN 16

MATERIAL: AISI 304L - 1.4307
NORM: EN 1092-1-11 tipo/type "B1"

CODE	PN	Pipe		Flange											Bolts		kg		€
		DN	A mm	D mm	C2 mm	H2 mm	N1 mm	S mm	R1 mm	H3 mm	d1 mm	K mm	f1 mm	L mm	Nº	Thr.			
429015304	PN10=16=25=40	15 - 1/2"	21,3	95	16	38	32	2	4	6	45	65	2	14	4	M 12	1	1	62,23
429020304		20 - 3/4"	26,9	105	18	40	40	2,3	4	6	58	75	2	14	4	M 12	1	1	78,76
429025304		25 - 1"	33,7	115	18	40	46	2,6	4	6	68	85	2	14	4	M 12	1	1	93,83
429032304		32 - 1"1/4	42,4	140	18	42	56	2,6	6	6	78	100	2	18	4	M 16	2	1	137,92
429040304		40 - 1"1/2	48,3	150	18	45	64	2,6	6	7	88	110	3	18	4	M 16	2	1	155,23
429050304	PN10=16	50 - 2"	60,3	165	18	45	74	2,9	6	8	102	125	3	18	4	M 16	2,5	1	182,47
429065304		65 - 2"1/2	76,1	185	18	45	92	2,9	6	10	122	145	3	18	8	M 16	3	1	215,05
429080304		80 - 3"	88,9	200	20	50	105	3,2	6	10	138	160	3	18	8	M 16	3,7	1	278,20
429100304		100 - 4"	114,3	220	20	52	131	3,6	8	12	158	180	3	18	8	M 16	4,6	1	328,03
429125304		125 - 5"	139,7	250	22	55	156	4	8	12	188	210	3	18	8	M 16	6,3	1	471,40
429150304		150 - 6"	168,3	285	22	55	184	4,5	10	12	212	240	3	22	8	M 20	7,7	1	711,30
429200304	PN16	200 - 8"	219,1	340	24	62	235	6,3	10	16	268	295	3	22	12	M 20	11	1	978,92
429250304		250 - 10"	273	405	26	70	292	6,3	12	16	320	355	3	26	12	M 24	15,6	1	1470,69
429300304		300 - 12"	323,9	460	28	78	344	7,1	12	16	378	410	4	26	12	M 24	22	1	1547,33
429350304		350 - 14"	355,6	520	30	82	390	8	12	16	438	470	4	26	16	M 24	32	1	on demand
429400304		400 - 16"	406,4	580	32	85	445	8	12	16	490	525	4	30	16	M 27	40	1	on demand
429500304		500 - 20"	508	715	36	84	548	8	12	16	610	650	4	33	20	M 30	74	1	on demand

A 20 21





429/316L

FLANGIA A COLLARINO

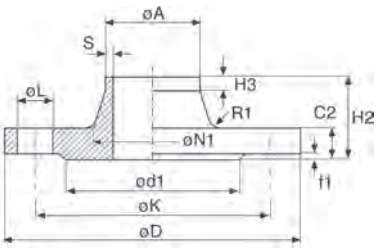
- WELDING NECK FLANGE
- VORSCHWEISS-FLANSCH
- BRIDE COLLERETTE
- BRIDA CUELLO

MATERIAL: AISI 316L - 1.4404
NORM: EN 1092-1-11 tipo/type "B1"

PN 16

CODE	PN	Pipe		Flange											Bolts		kg		€
		DN	A mm	D mm	C2 mm	H2 mm	N1 mm	S mm	R1 mm	H3 mm	d1 mm	K mm	f1 mm	L mm	Nº	Thr.			
429015316	PN10=16=25=40	15 - 1/2"	21,3	95	16	38	32	2	4	6	45	65	2	14	4	M 12	1	1	67,62
429020316		20 - 3/4"	26,9	105	18	40	40	2,3	4	6	58	75	2	14	4	M 12	1	1	95,75
429025316		25 - 1"	33,7	115	18	40	46	2,6	4	6	68	85	2	14	4	M 12	1	1	127,17
429032316		32 - 1"1/4	42,4	140	18	42	56	2,6	6	6	78	100	2	18	4	M 16	2	1	151,91
429040316		40 - 1"1/2	48,3	150	18	45	64	2,6	6	7	88	110	3	18	4	M 16	2	1	171,40
429050316	PN10=16	50 - 2"	60,3	165	18	45	74	2,9	6	8	102	125	3	18	4	M 16	2,5	1	209,62
429065316		65 - 2"1/2	76,1	185	18	45	92	2,9	6	10	122	145	3	18	8	M 16	3	1	245,36
429080316		80 - 3"	88,9	200	20	50	105	3,2	6	10	138	160	3	18	8	M 16	3,7	1	310,37
429100316		100 - 4"	114,3	220	20	52	131	3,6	8	12	158	180	3	18	8	M 16	4,6	1	349,64
429125316		125 - 5"	139,7	250	22	55	156	4	8	12	188	210	3	18	8	M 16	6,3	1	511,89
429150316		150 - 6"	168,3	285	22	55	184	4,5	10	12	212	240	3	22	8	M 20	7,7	1	851,30
429200316	PN16	200 - 8"	219,1	340	24	62	235	6,3	10	16	268	295	3	22	12	M 20	11	1	1197,43
429250316		250 - 10"	273	405	26	70	292	6,3	12	16	320	355	3	26	12	M 24	15,6	1	1717,46
429300316		300 - 12"	323,9	460	28	78	344	7,1	12	16	378	410	4	26	12	M 24	22	1	2941,26
429350316		350 - 14"	355,6	520	30	82	390	8	12	16	438	470	4	26	16	M 24	32	1	on demand
429400316		400 - 16"	406,4	580	32	85	445	8	12	16	490	525	4	30	16	M 27	40	1	on demand
429500316		500 - 20"	508	715	36	84	548	8	12	16	610	650	4	33	20	M 30	74	1	on demand

A 20 21





429/304L - 430/304L

FLANGIA A COLLARINO

- WELDING NECK FLANGE
- VORSCHWEISS-FLANSCH
- BRIDE COLLERETTE
- BRIDA CUELLO

MATERIAL: AISI 304L - 1.4307
NORM: EN 1092-1-11 tipo/type "B1"

PN 40

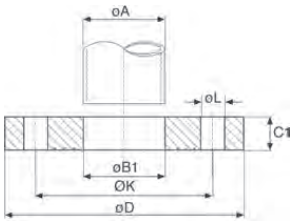
CODE	PN	Pipe		Flange											Bolts		kg		€
		DN	A mm	D mm	C2 mm	H2 mm	N1 mm	S mm	R1 mm	H3 mm	d1 mm	K mm	f1 mm	L mm	Nº	Thr.			
429015304	PN10=16=25=40	15 - 1/2"	21,3	95	16	38	32	2	4	6	45	65	2	14	4	M 12	1	1	62,23
429020304		20 - 3/4"	26,9	105	18	40	40	2,3	4	6	58	75	2	14	4	M 12	1	1	78,76
429025304		25 - 1"	33,7	115	18	40	46	2,6	4	6	68	85	2	14	4	M 12	1	1	93,83
429032304		32 - 1"1/4	42,4	140	18	42	56	2,6	6	6	78	100	2	18	4	M 16	2	1	137,92
429040304		40 - 1"1/2	48,3	150	18	45	64	2,6	6	7	88	110	3	18	4	M 16	2	1	155,23
430050304	PN40	50 - 2"	60,3	165	20	48	75	2,9	6	8	102	125	3	18	4	M 16	2,85	1	228,07
430065304		65 - 2"1/2	76,1	185	22	52	90	2,9	6	10	122	145	3	18	8	M 16	3,68	1	294,42
430080304		80 - 3"	88,9	200	24	58	105	3,2	8	12	138	160	3	18	8	M 16	4,78	1	382,43
430100304		100 - 4"	114,3	235	24	65	134	3,6	8	12	162	190	3	22	8	M 20	6,46	1	517,05
430125304		125 - 5"	139,7	270	26	68	162	4	8	12	188	220	3	26	8	M 24	8,86	1	709,09
430150304		150 - 6"	168,3	300	28	75	192	4,5	10	12	218	250	3	26	8	M 24	11,7	1	1047,39
430200304		200 - 8"	219,1	375	34	88	244	6,3	10	16	285	320	3	30	12	M 27	21	1	1743,82
430250304		250 - 10"	273	450	38	105	306	7,1	12	18	345	385	3	33	12	M 30	34,2	1	2736,60
430300304		300 - 12"	323,9	515	42	115	362	8	12	18	410	450	4	33	16	M 30	47,6	1	3808,82

A 20 23

440/304 - 441/304 MICROFUSE-CASTING

FLANGIA PIANA

- PLATE FLANGE
- GLATTE FLANSCH
- BRIDE PLATE
- BRIDA PLANA





PN 10

MATERIAL: AISI 304 - 1.4301
NORM: UNI 2278

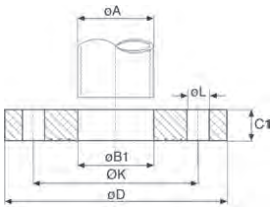
CODE	PN	Pipe		Flange					Bolts		kg		€
		DN	A mm	B1 mm	D mm	C1 mm	K mm	L mm	Nº	Thr.			
441015304	PN10=16	15 - 1/2"	21,3	22	95	12	65	14	4	M 12	0,6	1	32,81
441020304		20 - 3/4"	26,9	27,5	105	14	75	14	4	M 12	0,8	1	46,08
441025304		25 - 1"	33,7	34,5	115	14	85	14	4	M 12	1,0	1	54,41
441032304		32 - 1"1/4	42,4	43,5	140	16	100	18	4	M 16	1,7	1	89,18
441040304		40 - 1"1/2	48,3	49,5	150	16	110	18	4	M 16	1,9	1	101,87
441050304		50 - 2"	60,3	61,5	165	18	125	18	4	M 16	2,25	1	133,71
441065304		65 - 2"1/2	76,1	77,5	185	18	145	18	4	M 16	3,0	1	151,85
441080304		80 - 3"	88,9	90,5	200	20	160	18	8	M 16	3,94	1	172,98
441100304		100 - 4"	114,3	116	220	22	180	18	8	M 16	4,5	1	210,91
441125304		125 - 5"	139,7	141,5	250	22	210	18	8	M 16	6,1	1	259,97
441150304		150 - 6"	168,3	170,5	285	24	240	22	8	M 20	7,5	1	343,05
440200304	PN10	200 - 8"	219,1	221,5	340	24	295	22	8	M 20	10	1	462,45
440250304		250 - 10"	273	276,5	395	26	350	22	12	M 20	13	1	611,06
440300304		300 - 12"	323,9	327,5	445	26	400	22	12	M 20	15	1	727,81

A 20 23

441/304 MICROFUSE-CASTING

FLANGIA PIANA

- PLATE FLANGE
- GLATTE FLANSCH
- BRIDE PLATE
- BRIDA PLANA





PN 16

MATERIAL: AISI 304 - 1.4301
NORM: UNI 2278

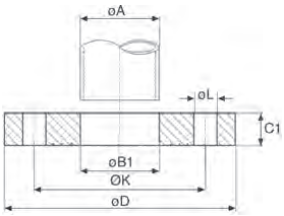
CODE	PN	Pipe		Flange					Bolts		kg		€
		DN	A mm	B1 mm	D mm	C1 mm	K mm	L mm	Nº	Thr.			
441015304	PN10=16	15 - 1/2"	21,3	22	95	12	65	14	4	M 12	0,6	1	32,81
441020304		20 - 3/4"	26,9	27,5	105	14	75	14	4	M 12	0,8	1	46,08
441025304		25 - 1"	33,7	34,5	115	14	85	14	4	M 12	1,0	1	54,41
441032304		32 - 1"1/4	42,4	43,5	140	16	100	18	4	M 16	1,7	1	89,18
441040304		40 - 1"1/2	48,3	49,5	150	16	110	18	4	M 16	1,9	1	101,87
441050304		50 - 2"	60,3	61,5	165	18	125	18	4	M 16	2,25	1	133,71
441065304		65 - 2"1/2	76,1	77,5	185	18	145	18	4	M 16	3,0	1	151,85
441080304		80 - 3"	88,9	90,5	200	20	160	18	8	M 16	3,94	1	172,98
441100304		100 - 4"	114,3	116	220	22	180	18	8	M 16	4,5	1	210,91
441125304		125 - 5"	139,7	141,5	250	22	210	18	8	M 16	6,1	1	259,97
441150304		150 - 6"	168,3	170,5	285	24	240	22	8	M 20	7,5	1	343,05
441200304	PN16	200 - 8"	219,1	221,5	340	26	295	22	12	M 20	10	1	485,43
441250304		250 - 10"	273	276,5	405	29	355	26	12	M 24	16	1	735,39
441300304		300 - 12"	323,9	327,5	460	32	410	26	12	M 24	19,5	1	900,65

A 20 23

440/316 - 441/316 MICROFUSE-CASTING

FLANGIA PIANA

- PLATE FLANGE
- GLATTE FLANSCH
- BRIDE PLATE
- BRIDA PLANA





PN 10

MATERIAL: AISI 316 - 1.4401
NORM: UNI 2277

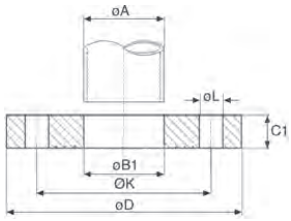
CODE	PN	Pipe		Flange					Bolts		kg		€
		DN	A mm	B1 mm	D mm	C1 mm	K mm	L mm	Nº	Thr.			
441015316	PN10=16	15 - 1/2"	21,3	22	95	12	65	14	4	M 12	0,6	1	51,58
441020316		20 - 3/4"	26,9	27,5	105	14	75	14	4	M 12	0,8	1	72,68
441025316		25 - 1"	33,7	34,5	115	14	85	14	4	M 12	1,0	1	82,32
441032316		32 - 1"1/4	42,4	43,5	140	16	100	18	4	M 16	1,7	1	133,72
441040316		40 - 1"1/2	48,3	49,5	150	16	110	18	4	M 16	1,9	1	152,45
441050316		50 - 2"	60,3	61,5	165	18	125	18	4	M 16	2,25	1	202,62
441065316		65 - 2"1/2	76,1	77,5	185	18	145	18	4	M 16	3,0	1	229,99
441080316		80 - 3"	88,9	90,5	200	20	160	18	8	M 16	3,94	1	273,02
441100316		100 - 4"	114,3	116	220	22	180	18	8	M 16	4,5	1	332,87
441125316		125 - 5"	139,7	141,5	250	22	210	18	8	M 16	6,1	1	422,07
441150316		150 - 6"	168,3	170,5	285	24	240	22	8	M 20	7,5	1	542,42
440200316	PN10	200 - 8"	219,1	221,5	340	24	295	22	8	M 20	10	1	714,05
440250316		250 - 10"	273	276,5	395	26	350	22	12	M 20	13	1	925,42
440300316		300 - 12"	323,9	327,5	445	26	400	22	12	M 20	15	1	1066,05

A 20 23

441/316 MICROFUSE-CASTING

FLANGIA PIANA

- PLATE FLANGE
- GLATTE FLANSCH
- BRIDE PLATE
- BRIDA PLANA





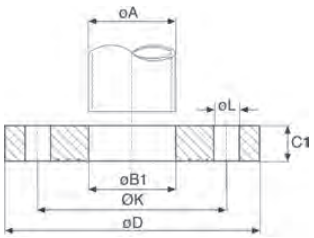
PN 16

MATERIAL: AISI 316 - 1.4401
NORM: UNI 2277

CODE	PN	Pipe		Flange					Bolts		kg		€
		DN	A mm	B1 mm	D mm	C1 mm	K mm	L mm	Nº	Thr.			
441015316	PN10=16	15 - 1/2"	21,3	22	95	12	65	14	4	M 12	0,6	1	51,58
441020316		20 - 3/4"	26,9	27,5	105	14	75	14	4	M 12	0,8	1	72,68
441025316		25 - 1"	33,7	34,5	115	14	85	14	4	M 12	1,0	1	82,32
441032316		32 - 1"1/4	42,4	43,5	140	16	100	18	4	M 16	1,7	1	133,72
441040316		40 - 1"1/2	48,3	49,5	150	16	110	18	4	M 16	1,9	1	152,45
441050316		50 - 2"	60,3	61,5	165	18	125	18	4	M 16	2,25	1	202,62
441065316		65 - 2"1/2	76,1	77,5	185	18	145	18	4	M 16	3,0	1	229,99
441080316		80 - 3"	88,9	90,5	200	20	160	18	8	M 16	3,94	1	273,02
441100316		100 - 4"	114,3	116	220	22	180	18	8	M 16	4,5	1	332,87
441125316		125 - 5"	139,7	141,5	250	22	210	18	8	M 16	6,1	1	422,07
441150316		150 - 6"	168,3	170,5	285	24	240	22	8	M 20	7,5	1	542,42
441200316	PN16	200 - 8"	219,1	221,5	340	26	295	22	12	M 20	10	1	764,01
441250316		250 - 10"	273	276,5	405	29	355	26	12	M 24	16	1	1112,21
441300316		300 - 12"	323,9	327,5	460	32	410	26	12	M 24	19,5	1	1486,47

A 20 23

442/304 - 443/304 MICROFUSE RIDOTTE REDUCED CASTING





FLANGIA PIANA SPESSORE RIDOTTO

- PLATE FLANGE REDUCED THICKNESS
- GLATTE FLANSCH REDUZIERTE WANDSTAERKE
- BRIDE PLATE ÉPAISSEUR RÉDUIT
- BRIDA PLANA ESPESOR REDUCIDO

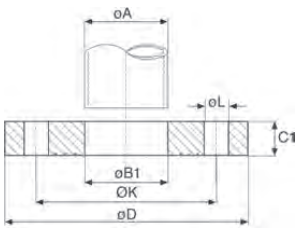
PN 10

MATERIAL: AISI 304 - 1.4301
NORM: spessore ridotto / thin thickness

CODE	PN	Pipe		Flange					Bolts		kg		€
		DN	A mm	B1 mm	D mm	C1 mm	K mm	L mm	Nº	Thr.			
442040304	PN10=16	40 - 1"1/2	48,3	49	150	10	110	18	4	M 16	1,31	1	71,33
442050304		50 - 2"	60,3	61,5	165	10	125	18	4	M 16	1,39	1	93,62
442065304		65 - 2"1/2	76,1	77	185	12	145	18	4	M 16	2,2	1	106,24
442080304		80 - 3"	88,9	90	200	12	160	18	8	M 16	2,36	1	121,07
442100304		100 - 4"	114,3	115,5	220	12	180	18	8	M 16	2,46	1	147,64
442125304		125 - 5"	139,7	141	250	14	210	18	8	M 16	3,56	1	181,99
442150304		150 - 6"	168,3	170	285	14	240	22	8	M 20	4,38	1	240,14
443200304	PN10	200 - 8"	219,1	221	340	16	295	22	8	M 20	6,2	1	323,77
443250304		250 - 10"	273	275	395	18	350	22	12	M 20	8,3	1	427,70
443300304		300 - 12"	323,9	326	445	18	400	22	12	M 20	9,6	1	509,48

A 20 23

442/304 MICROFUSE RIDOTTE REDUCED CASTING





FLANGIA PIANA SPESSORE RIDOTTO

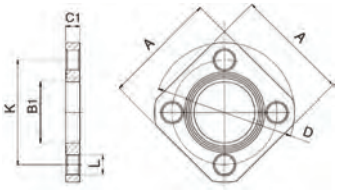
- PLATE FLANGE REDUCED THICKNESS
- GLATTE FLANSCH REDUZIERTE WANDSTAERKE
- BRIDE PLATE ÉPAISSEUR RÉDUIT
- BRIDA PLANA ESPESOR REDUCIDO

PN 16

MATERIAL: AISI 304 - 1.4301
NORM: spessore ridotto / thin thickness

CODE	PN	Pipe		Flange					Bolts		kg		€
		DN	A mm	B1 mm	D mm	C1 mm	K mm	L mm	Nº	Thr.			
442040304	PN10=16	40 - 1"1/2	48,3	49	150	10	110	18	4	M 16	1,31	1	71,33
442050304		50 - 2"	60,3	61,5	165	10	125	18	4	M 16	1,39	1	93,62
442065304		65 - 2"1/2	76,1	77	185	12	145	18	4	M 16	2,2	1	106,24
442080304		80 - 3"	88,9	90	200	12	160	18	8	M 16	2,36	1	121,07
442100304		100 - 4"	114,3	115,5	220	12	180	18	8	M 16	2,46	1	147,64
442125304		125 - 5"	139,7	141	250	14	210	18	8	M 16	3,56	1	181,99
442150304		150 - 6"	168,3	170	285	14	240	22	8	M 20	4,38	1	240,14
442200304	PN16	200 - 8"	219,1	221	340	16	295	22	12	M 20	6	1	339,80
442250304		250 - 10"	273	275	405	18	355	26	12	M 24	9	1	514,78
442300304		300 - 12"	323,9	326	460	18	410	26	12	M 24	10,9	1	630,49

A 20 21





193-005/316L

FLANGIA QUADRA

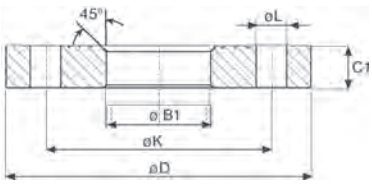
- SQUARE FLANGE
- QUADRATISCH FLANSCH
- BRIDE CARRÉE
- BRIDA CUADRADA

MATERIAL: AISI 316L - 1.4404

PN 10

CODE	DN	A mm	B1 mm	D mm	C1 mm	K mm	L mm	Holes Nr.	Thread	kg		€
193015005	15	72	22	90	10	65	14	4	M 12	0,32	1	**60,45**
193020005	20	72	27,5	90	10	65	14	4	M 12	0,303	1	**60,45**
193025005	25	78	34,5	95	10	70	14	4	M 12	0,339	1	**68,99**
193032005	32	82	43,5	100	10	75	14	4	M 12	0,344	1	**71,14**
193040005	40	85	49,5	110	10	85	14	4	M 12	0,362	1	**71,95**
193050005	50	95	61,5	120	10	95	14	4	M 12	0,413	1	**93,57**

A 20 21





425/000

FLANGIA LIBERA IN ALLUMINIO

- ALUMINIUM LOOSE FLANGE
- ALUMINIUM LOSE FLANSCH
- BRIDE LIBRE D'ALUMINIUM
- BRIDA LOCA DE ALUMINIO

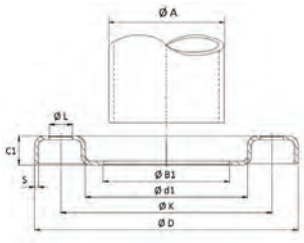
MATERIAL: alluminio / aluminium EN AB 47000 (UNI 7369/2)

NORM: UNI 6089 - DIN 2642 ISO R64

PN 10

CODE	Pipe		Flange					Bolts Nº	kg		€
	DN	A mm	D mm	C1 mm	B1 mm	K mm	L mm				
425010010	10 - 3/8"	17,2	90	12	19	60	14	4	0,18	1	**11,26**
425015010	15 - 1/2"	21,3	95	12	24	65	14	4	0,19	1	**11,50**
425020010	20 - 3/4"	26,9	105	12	30	75	14	4	0,22	1	**12,62**
425025010	25 - 1"	33,7	115	12	36	85	14	4	0,27	1	**13,63**
425032010	32 - 1"1/4	42,4	140	16	46	100	18	4	0,53	1	**21,12**
425040010	40 - 1"1/2	48,3	150	16	54	110	18	4	0,59	1	**22,84**
425050010	50 - 2"	60,3	165	16	65	125	18	4	0,7	1	**26,16**
425065010	65 - 2"1/2	76,1	185	16	81	145	18	4	0,87	1	**30,92**
425080010	80 - 3"	88,9	200	18	94	160	18	8	1,05	1	**35,65**
425100010	100 - 4"	114,3	220	18	119	180	18	8	1,16	1	**37,82**
425125010	125 - 5"	139,7	250	18	144	210	18	8	1,45	1	**52,80**
425150010	150 - 6"	168,3	285	18	173	240	22	8	1,7	1	**55,32**
425200010	200 - 8"	219,1	340	20	225	295	22	8	2,5	1	**86,19**
425250010	250 - 10"	273	395	22	279	350	22	12	3,25	1	**114,44**
425300010	300 - 12"	323,9	445	22	329	400	22	12	3,8	1	**123,74**

A 20 21





423/304 ISO

FLANGIA LIBERA STAMPATA

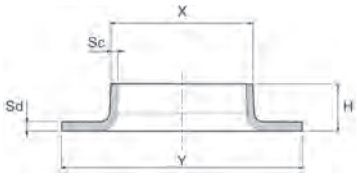
- PRESSED LOOSE FLANGE
- GEPRESSTER LOSFLANSCH
- BRIDE LIBRE TOURNANTE EMBOUTIE
- BRIDA LOCA PRENSADA

PN 10

MATERIAL: AISI 304 - 1.4301
NORM: DIN 2642 - ISO

CODE	DN	Pipe A mm	Flange							Bolts		kg		€
			B1 mm	D mm	C1 mm	S mm	d1 mm	K mm	L mm	N°	Thr.			
423015304	15 - 1/2"	21,3	24	95	12	3	38	65	14	4	M 12	0,160	1	**14,36**
423020304	20 - 3/4"	26,9	30	105	12	3	48	75	14	4	M 12	0,220	1	**16,31**
423025304	25 - 1"	33,7	37	115	15	3	53	85	14	4	M 12	0,270	1	**18,46**
423032304	32 - 1"1/4	42,4	45	140	15	3	68	100	18	4	M 16	0,380	1	**23,06**
423040304	40 - 1"1/2	48,3	54	150	17,5	3	77	110	18	4	M 16	0,450	1	**28,86**
423050304	50 - 2"	60,3	65	165	19	3	91	125	18	4	M 16	0,550	1	**35,63**
423065304	65 - 2"1/2	76,1	81	185	21	4	108	145	18	4	M 16	0,840	1	**51,38**
423080304	80 - 3"	88,9	94	200	21,5	4	123	160	18	8	M 16	0,970	1	**62,44**
423100304	100 - 4"	114,3	119	220	22	4	141	180	18	8	M 16	1,200	1	**74,14**
423125304	125 - 5"	139,7	145	250	23,5	5	168	210	18	8	M 16	2,100	1	**116,41**
423150304	150 - 6"	168,3	173	285	28	5	192	240	22	8	M 20	2,200	1	**154,07**
423200304	200 - 8"	219,1	225	340	29,5	6	245	295	22	8	M 20	3,500	1	**263,70**
423250304	250 - 10"	273	279	395	31	6	295	350	22	12	M 20	4,000	1	**342,78**

A 20 22





177/304L

CARTELLA DI APPOGGIO

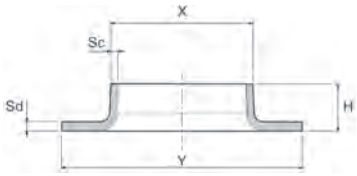
- LAP-JOINT
- VORSCHWEISSBÖRDEL
- COLLERETTE
- VALONA

MATERIAL: AISI 304L - 1.4307

Thickness: 2 mm

CODE	DN	DN inch	Y mm	X mm	H mm	Sd mm	Sc mm	g		€
177172304	10	3/8"	40	17,2	6	2	2	20	10	**5,50**
177213304	15	1/2"	43	21,3	7	2	2	25	10	**5,50**
177269304	20	3/4"	58	26,9	8	2	2	38	10	**5,50**
177337304	25	1"	68	33,7	9	2	2	55	10	**5,50**
177424304	32	1"1/4	78	42,4	10	2	2	68	10	**6,52**
177483304	40	1"1/2	88	48,3	10	2	2	85	10	**8,23**
177603304	50	2"	102	60,3	12	2	2	115	10	**10,20**
177761304	65	2"1/2	122	76,1	12	2	2	150	10	**13,63**
177889304	80	3"	138	88,9	12	2	2	170	10	**15,68**
177114304	100	4"	158	114,3	16	2	2	200	10	**19,87**
177139304	125	5"	185	139,7	16	2	2	300	5	**24,76**
177168304	150	6"	212	168,3	17	2	2	350	5	**28,28**
177219304	200	8"	270	219,1	18	2	2	500	2	**45,64**

A 20 22





177/316L

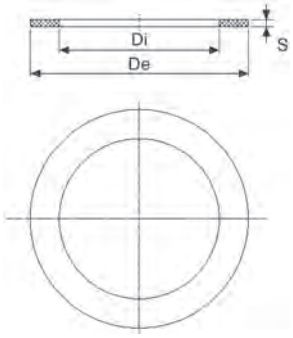
CARTELLA DI APPOGGIO

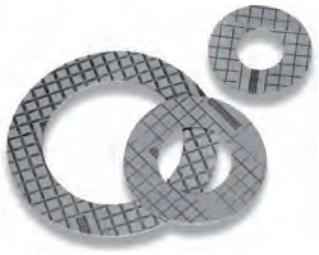
- LAP-JOINT
- VORSCHWEISSBÖRDEL
- COLLERETTE
- VALONA

MATERIAL: AISI 316L - 1.4404

Thickness: 2 mm

CODE	DN	DN inch	Y mm	X mm	H mm	Sd mm	Sc mm	g		€
177172316	10	3/8"	40	17,2	6	2	2	20	10	**6,81**
177213316	15	1/2"	43	21,3	7	2	2	25	10	**6,81**
177269316	20	3/4"	58	26,9	8	2	2	38	10	**6,81**
177337316	25	1"	68	33,7	9	2	2	55	10	**8,24**
177424316	32	1"1/4	78	42,4	10	2	2	68	10	**10,82**
177483316	40	1"1/2	88	48,3	10	2	2	85	10	**11,20**
177603316	50	2"	102	60,3	12	2	2	115	10	**15,47**
177761316	65	2"1/2	122	76,1	12	2	2	150	10	**20,41**
177889316	80	3"	138	88,9	12	2	2	170	10	**21,87**
177114316	100	4"	158	114,3	16	2	2	200	10	**28,04**
177139316	125	5"	185	139,7	16	2	2	300	5	**37,62**
177168316	150	6"	212	168,3	17	2	2	350	5	**42,89**
177219316	200	8"	270	219,1	18	2	2	500	2	**70,34**





R 30 30

434/PN6

GUARNIZIONE ECOLOGICA PER FLANGE

- GASKET FOR FLANGE
- FLANSCHDICHTUNG
- JOINT POUR BRIDE
- JUNTA ECOLÓGICA PARA BRIDA

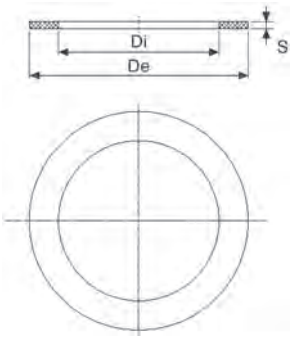
MATERIAL: Sesalit Eco
NORM: EN 1092-1

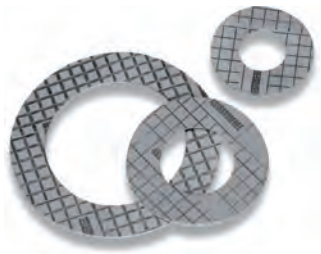
PN 6

CODE	DN	De mm	Di mm	S mm	g		€
434015006	15 - (1/2")	44	20	2	4	10	**0,82**
434020006	20 - (3/4")	54	25	2	6	10	**1,20**
434025006	25 - (1")	64	30	2	9	10	**1,67**
434032006	32 - (1"1/4)	75	38	2	11	10	**2,24**
434040006	40 - (1"1/2)	85	45	2	14	10	**2,92**
434050006	50 - (2")	95	57	2	15	10	**4,45**
434065006	65 - (2"1/2)	115	76	2	19	10	**6,12**
434080006	80 - (3")	132	89	2	26	10	**7,26**
434100006	100 - (4")	152	108	2	29	10	**8,59**
434125006	125 - (5")	182	133	2	41	10	**11,94**
434150006	150 - (6")	207	160	2	38	10	**13,60**
434200006	200 - (8")	262	218	2	58	10	**21,20**
434250006	250 - (10")	317	273	2	78	10	**28,25**
434300006	300 - (12")	373	318	2	113	10	**30,51**

Sesalit ECO: fibre organiche e sintetiche legate con gomma NBR/SBR esente amianto
IMPIEGHI: Acqua calda e fredda, olii vegetali ed animali, aria, alcuni carburanti (no GAS)
LIMITI DI TEMPERATURA ORIENTATIVI
Temperatura massima per brevi esposizioni: 180°-200° C
Temperatura massima di esercizio continuo per fluidi non aggressivi: 140° C
Temperatura massima di esercizio continuo con vapore: 110° C
OMOLOGAZIONI: acqua potabile WRAS n° 1605525

Sesalit ECO: organic and synthetic fibers bonded with NBR/SBR asbestos-free
USES: hot and cold water, vegetable and animal oils, air, some fuels (no GAS)
GUIDELINE TEMPERATURE LIMITS
Maximum temperature for short exposure: 180°-200° C
Maximum operating temperature for continuous non-aggressive fluids: 140° C
Maximum temperature for continuous operation with steam: 110° C
APPROVAL: potable water WRAS n° 1605525





R 30 30

434/PN10-16

GUARNIZIONE ECOLOGICA PER FLANGE

- GASKET FOR FLANGE
- FLANSCHDICHTUNG
- JOINT POUR BRIDE
- JUNTA ECOLÓGICA PARA BRIDA

MATERIAL: Sesalit Eco
NORM: EN 1092-1

PN 10/16

CODE	DN	De mm	Di mm	S mm	g		€
434015000	15 - (1/2")	50	20	2	6	10	**0,82**
434020000	20 - (3/4")	60	25	2	8	10	**1,18**
434025000	25 - (1")	70	30	2	10	10	**1,66**
434032000	32 - (1"1/4)	82	38	2	14	10	**2,24**
434040000	40 - (1"1/2)	92	45	2	17	10	**2,92**
434050000	50 - (2")	108	57	2	22	10	**4,40**
434065000	65 - (2"1/2)	127	76	2	27	10	**6,08**
434080000	80 - (3")	142	89	2	30	10	**7,19**
434100000	100 - (4")	162	108	2	38	10	**8,25**
434125000	125 - (5")	192	140	2	44	10	**11,60**
434150000	150 - (6")	218	169	2	55	10	**13,24**
434200000	200 - (8")	273	218	2	71	10	**20,50**
434250000	250 - (10")	328	273	2	91	10	**27,53**
434300000	300 - (12")	378	318	2	137	10	**29,89**
434350000	350 - (14")	438	368	2	162	10	**40,64**
434400000	400 - (16")	490	420	2	180	10	**50,75**

Sesalit ECO: fibre organiche e sintetiche legate con gomma NBR/SBR esente amianto
IMPIEGHI: Acqua calda e fredda, olii vegetali ed animali, aria, alcuni carburanti (no GAS)
LIMITI DI TEMPERATURA ORIENTATIVI
Temperatura massima per brevi esposizioni: 180°-200° C
Temperatura massima di esercizio continuo per fluidi non aggressivi: 140° C
Temperatura massima di esercizio continuo con vapore: 110° C
Temperatura minima di esercizio -40°C
OMOLOGAZIONI: acqua potabile WRAS n° 240155028

Sesalit ECO: organic and synthetic fibers bonded with NBR/SBR asbestos-free
USES: hot and cold water, vegetable and animal oils, air, some fuels (no GAS)
GUIDELINE TEMPERATURE LIMITS
Maximum temperature for short exposure: 180°-200° C
Maximum operating temperature for continuous non-aggressive fluids: 140° C
Maximum temperature for continuous operation with steam: 110° C
Minimum operating temperature -40°C
APPROVAL: potable water WRAS n° 240155028

A 20 21



435/001

BULLONE E DADO PER FLANGIA

- HEXAGONAL BOLT AND NUT FOR FLANGE
- SCHRAUBEN UND MUTTEN FUER FLANSCH
- BOULON D'ASSEMBLAGE À TÊTE HEXAGONALE POUR BRIDE
- TORNILLO Y TUERCA PARA BRIDA

MATERIAL: AISI 304 - 1.4301

CODE	Measure	g			€
435012001	M 12 x 50 + dado / nut M 12	70	4	80*	**6,24**
435016001	M 16 x 65 + dado / nut M 16	154	4	40*	**13,52**
435020001	M 20 x 80 + dado / nut M 20	300	4	24*	**26,72**
435024001	M 24 x 100 + dado / nut M 24	610	4	24*	**50,35**

(*) unità minima di vendita / minimum selling quantity

FOCUS ON

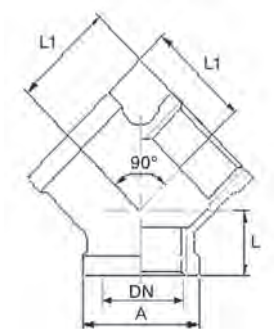
BULLONI PER FLANGE / *BOLTS AND NUTS FOR FLANGES*

DN	DN inch	PN6		PN10		PN16		PN25		PN40	
		viti	N° pezzi	viti	N° pezzi	viti	N° pezzi	viti	N° pezzi	viti	N° pezzi
15	1/2"	M10x45	4	M12x50	4	M12x50	4	M12x50	4	M12x50	4
20	3/4"	M10x45	4	M12x50	4	M12x50	4	M12x50	4	M12x50	4
25	1"	M10x45	4	M12x50	4	M12x50	4	M12x50	4	M12x50	4
32	1" 1/4	M12x50	4	M16x65	4	M16x65	4	M16x65	4	M16x65	4
40	1" 1/2	M12x50	4	M16x65	4	M16x65	4	M16x65	4	M16x65	4
50	2"	M12x50	4	M16x65	4	M16x65	4	M16x65	4	M16x65	4
65	2" 1/2	M12x50	4	M16x65	8	M16x65	8	M16x65	8	M16x65	8
80	3"	M16x65	4	M16x65	8	M16x65	8	M16x65	8	M16x65	8
100	4"	M16x65	4	M16x65	8	M16x65	8	M20x80	8	M20x80	8
125	5"	M16x65	8	M16x65	8	M16x65	8	M24x100	8	M24x100	8
150	6"	M16x65	8	M20x80	8	M20x80	8	M24x100	8	M24x100	8
200	8"	M16x65	8	M20x80	8	M20x80	12	M24x100	12	M27x100	12

NOTE

M10x45 – M27x100 = Non presenti in assortimento / *Absent on product range*.

A 30 30





89

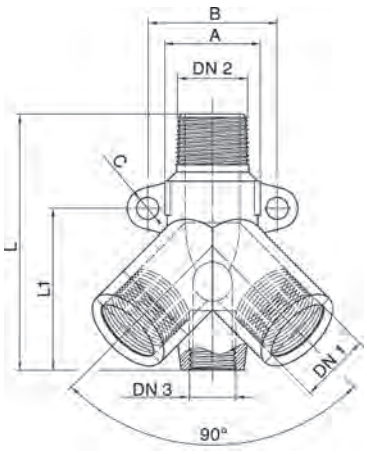
DEVIAZIONE A Y

- Y-TEE BANDED
- Y-FITTING MIT INNENGEWINDE
- Y RACCORD
- RACOR "Y"

MATERIAL: AISI 316 - 1.4401 / 1.4408
THREAD: EN 10226-1 (ex ISO 7/1)
RATING: 150 PSI – PN10

CODE	DN	DN inch	A mm	L mm	L1 mm	g		€
89108316	6	1/8"	17	10	17	40	10	**7,42**
89104316	8	1/4"	21	13	19	64	10	**10,38**
89308316	10	3/8"	25	14	23	100	10	**14,23**
89102316	15	1/2"	29	18	27	128	10	**19,34**
89304316	20	3/4"	35	20	32	193	10	**26,03**
89100316	25	1"	43	23	38	323	10	**40,36**
89114316	32	1"1/4	52	28	46	485	5	**66,00**
89112316	40	1"1/2	58	30	48	565	5	**75,59**
89200316	50	2"	71	34	57	890	1	**113,09**

A 30 30





89/P

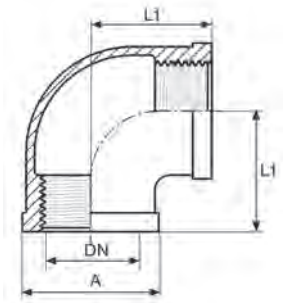
DEVIAZIONE A Y PER IMPIANTI ARIA COMPRESSA

- Y-TEE BANDED FOR COMPRESSED AIR SYSTEMS
- Y-FITTING MIT INNENGEWINDE FÜR DRUCKLUFT ANLAGE
- Y RACCORD POUR LES SYSTÈMES D'AIR COMPRIMÉ
- RACOR "Y" PARA INSTALACIONES DE AIRE COMPRIMIDO

MATERIAL: AISI 316 - 1.4401 / 1.4408
THREAD: EN 10226-1 (ex ISO 7/1)
RATING: 150 PSI – PN10

CODE	DN1 inch	DN2 inch	DN3 inch	L mm	L1 mm	A mm	B mm	C mm	g		€
089102316P	1/2"	1/2"	1/4"	75	47,5	28	38	6,5	300	5	**63,36**

A 30 30





90

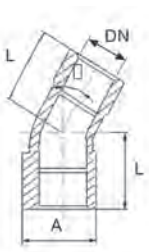
GOMITO 90° FF

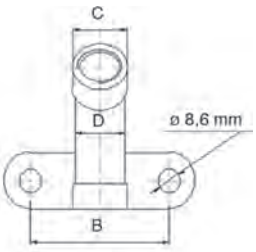
- ELBOW 90° F/F
- WINKEL 90° I/I
- COUDE FF 90°
- CODO 90 HH

MATERIAL: AISI 316 - 1.4401 / 1.4408
THREAD: EN 10226-1 (ex ISO 7/1)
RATING: 150 PSI – PN10

CODE	DN	DN inch	A mm	L1 mm	g			€
90108316	6	1/8"	17	19	39	10	450	**6,13**
90104316	8	1/4"	21,3	21	61	10	300	**5,54**
90308316	10	3/8"	23,5	21,3	68	10	250	**6,13**
90102316	15	1/2"	29	27	102	10	100	**6,80**
90304316	20	3/4"	36	33	164	10	50	**10,50**
90100316	25	1"	43	38	264	10	70	**15,66**
90114316	32	1"1/4	52	45	413	5	45	**23,03**
90112316	40	1"1/2	58	50	521	5	30	**29,12**
90200316	50	2"	71,5	57	808	5	15	**49,99**
90212316	65	2"1/2	87	69,7	1183	4	8	**108,38**
90300316	80	3"	99,5	77	1504	1	8	**148,50**
90400316	100	4"	126	98,2	2714	1	2	**255,68**

A 30 30







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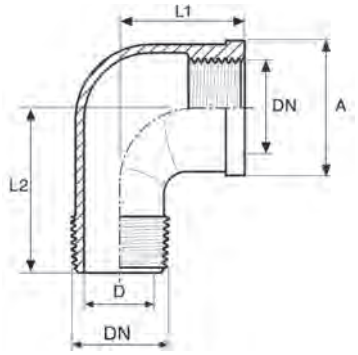
GOMITO FF CON FLANGIA

- WALL PLATE ELBOW F/F
- DECKENWINKEL MIT INNENGEWINDE
- COUDE FF AVEC BRIDE
- CODO PLACA

MATERIAL: AISI 316 - 1.4401 / 1.4408
THREAD: EN 10226-1 (ex ISO 7/1)
RATING: 150 PSI – PN10

CODE	DN	DN inch	degrees	L mm	A mm	B mm	C mm	D mm	g		€
91102045	15	1/2"	45°	22,8	28,5	55	27	25	146	5	**18,75**
91102090	15	1/2"	90°	27,7	28,5	55	27	25	162	5	**19,48**

A 30 30





92

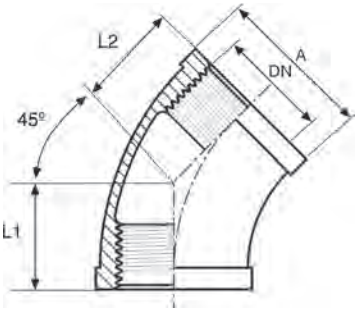
GOMITO 90° MF

- ELBOW 90° M/F
- WINKEL 90° I/A
- COUDE MF 90°
- CODO 90 MH

MATERIAL: AISI 316 - 1.4401 / 1.4408
THREAD: EN 10226-1 (ex ISO 7/1)
RATING: 150 PSI – PN10

CODE	DN	DN inch	A mm	L1 mm	L2 mm	D mm	g			€
92108316	6	1/8"	17	19	25	5,5	26	10	600	**7,41**
92104316	8	1/4"	21	21	28,3	7,6	40	10	400	**7,41**
92308316	10	3/8"	25	25	32	10	73	10	200	**7,65**
92102316	15	1/2"	29	28	42	12,7	94	10	120	**8,24**
92304316	20	3/4"	35	33	50,5	17,7	167	10	60	**12,18**
92100316	25	1"	43	38	52	24,8	231	10	80	**19,49**
92114316	32	1"1/4	52	45	60	33	385	5	45	**31,04**
92112316	40	1"1/2	58,8	50	65	38	483	5	30	**39,21**
92200316	50	2"	71,7	58	74	48,7	791	5	15	**51,57**
92212316	65	2"1/2	86,2	69	101	62	1286	2	8	**122,29**
92300316	80	3"	100	77	114,5	74,5	1925	1	6	**190,92**
92400316	100	4"	126,5	97	146,5	100	3100	1	3	**316,27**

A 30 30





121

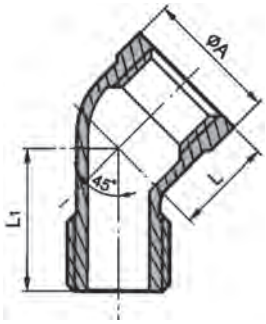
GOMITO 45° FF

- ELBOW 45° F/F
- WINKEL 45° I/I
- COUDE FF 45°
- CODO 45 HH

MATERIAL: AISI 316 - 1.4401 / 1.4408
THREAD: EN 10226-1 (ex ISO 7/1)
RATING: 150 PSI – PN10

CODE	DN	DN inch	A mm	L1 mm	L2 mm	g		€
121108316	6	1/8"	18	18	18	36	10	**8,95**
121104316	8	1/4"	21	17	17	50	10	**8,95**
121308316	10	3/8"	25	20	20	87	10	**10,37**
121102316	15	1/2"	29,5	22	22	105	10	**10,68**
121304316	20	3/4"	35,6	25	25	147	10	**16,35**
121100316	25	1"	43	28	28	246	10	**22,29**
121114316	32	1"1/4	52,4	33	33	347	5	**32,91**
121112316	40	1"1/2	58	36	36	416	5	**44,28**
121200316	50	2"	72	43	43	673	5	**66,59**
121212316	65	2"1/2	87	49	49	948	4	**131,00**
121300316	80	3"	100	55	55	1232	1	**178,31**
121400316	100	4"	125,5	64	64	3156	1	**315,18**

A 30 30





122

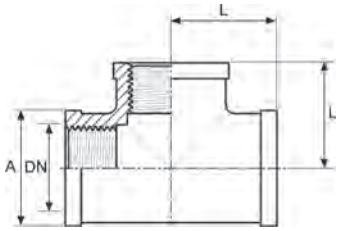
GOMITO 45° MF

- ELBOW 45° M/F
- WINKEL 45° I/A
- COUDE MF 45°
- CODO 45 MH

MATERIAL: AISI 316 - 1.4401 / 1.4408
THREAD: EN 10226-1 (ex ISO 7/1)
RATING: 150 PSI – PN10

CODE	DN	DN inch	A mm	L mm	L1 mm	g		€
122108316	6	1/8"	17	16	21	24	10	**4,59**
122104316	8	1/4"	21	17	23	42	10	**6,56**
122308316	10	3/8"	25	19	27	63	10	**9,14**
122102316	15	1/2"	29	21	31	87	10	**12,22**
122304316	20	3/4"	35	25	36	135	10	**17,12**
122100316	25	1"	43	29	42	230	10	**30,51**
122114316	32	1"1/4	52	34	49	360	5	**43,69**
122112316	40	1"1/2	58	37	51	422	5	**51,28**
122200316	50	2"	71	42	59	710	5	**78,87**
122212316	65	2"1/2	88	49	71	1210	4	**152,97**
122300316	80	3"	101	54	79	1670	2	**208,09**
122400316	100	4"	129	65	96	2860	1	**343,46**

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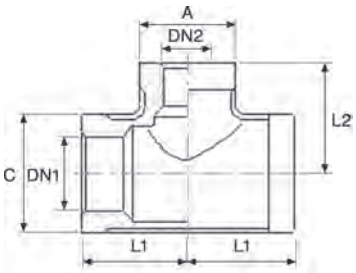
TEE NORMALE

- TEE
- T-STÜCK
- TEE
- TE IGUAL

MATERIAL: AISI 316 - 1.4401 / 1.4408
THREAD: EN 10226-1 (ex ISO 7/1)
RATING: 150 PSI – PN10

CODE	DN	DN inch	A mm	L mm	g			€
131108316	6	1/8"	17	19	56	10	300	**8,51**
131104316	8	1/4"	21,3	21	82	10	200	**8,51**
131308316	10	3/8"	23,5	23,6	105	10	150	**9,77**
131102316	15	1/2"	30	28	156	10	70	**10,50**
131304316	20	3/4"	35	33	229	10	40	**13,71**
131100316	25	1"	43	38	369	10	50	**20,96**
131114316	32	1"1/4	52	45	558	5	30	**34,44**
131112316	40	1"1/2	58,5	50	702	5	20	**43,38**
131200316	50	2"	71,5	58	1082	5	15	**67,70**
131212316	65	2"1/2	87	70	1517	2	8	**153,49**
131300316	80	3"	100	78,5	1856	2	4	**220,20**
131400316	100	4"	125	97	3170	1	2	**335,83**

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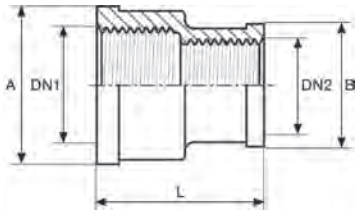
TEE RIDOTTO

- REDUCING TEE
- T-STÜCK MIT REDUZIERTEM ABGANG
- TEE RÉDUIT
- TE CON SALIDA REDUCIDA

MATERIAL: AISI 316 - 1.4401 / 1.4408
THREAD: EN 10226-1 (ex ISO 7/1)
RATING: 150 PSI – PN10

CODE	DN1 inch	DN2 inch	A mm	C mm	L1 mm	L2 mm	g		€
132104108	1/4"	1/8"	17	21	18	19	66	10	13,15
132308104	3/8"	1/4"	21	23	20	22	70	10	14,97
132102308	1/2"	3/8"	23,5	29	26	25	116	10	16,25
132304102	3/4"	1/2"	30	37	30	32	230	10	21,13
132100102	1"	1/2"	30,5	44	32	33,4	307	10	32,37
132100304	1"	3/4"	35,8	44	35	35	324	10	32,37
132114102	1"1/4	1/2"	28,8	51,4	34	38	330	5	55,43
132114304	1"1/4	3/4"	35,8	51,4	38	40	376	5	55,43
132114100	1"1/4	1"	43,3	51,4	40	42	426	5	55,43
132112102	1"1/2	1/2"	28,8	57,9	35	42	420	5	69,33
132112304	1"1/2	3/4"	35,8	57,9	38	43	467	5	69,33
132112100	1"1/2	1"	43,3	57,9	41	45	517	5	69,33
132112114	1"1/2	1"1/4	51,4	57,9	45	48	579	5	69,33
132200102	2"	1/2"	28,8	71	38	48	593	5	108,32
132200304	2"	3/4"	35,8	71	41	49	662	5	108,32
132200100	2"	1"	43,3	71	44	51	740	5	108,32
132200114	2"	1"1/4	51,4	71	48	54	785	5	108,32
132200112	2"	1"1/2	57,9	71	52	55	872	5	108,32

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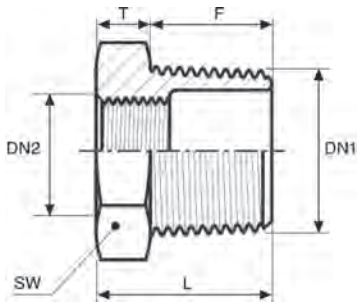
MANICOTTO RIDOTTO

- REDUCTION SOCKET
- REDUZIERMUFFE
- MANCHON RÉDUIT
- MANGUITO REDUCCIÓN

MATERIAL: AISI 316 - 1.4401 / 1.4408
THREAD: EN 10226-1 (ex ISO 7/1)
RATING: 150 PSI – PN10

CODE	DN1 inch	DN2 inch	A mm	B mm	L mm	g		€
140108104	1/4"	1/8"	21,5	19	26	31	10	6,18
140308104	3/8"	1/4"	26	21,5	29	53	10	7,01
140102308	1/2"	3/8"	29	22,4	34	70	10	8,19
140304102	3/4"	1/2"	37	28,1	37	116	10	10,79
140100102	1"	1/2"	43	29,4	42	154	10	17,12
140100304	1"	3/4"	43	32	42	148	10	17,12
140114102	1"1/4	1/2"	52	29	48	230	10	26,83
140114304	1"1/4	3/4"	52	35	48	234	5	26,83
140114100	1"1/4	1"	52,5	39	52	230	5	26,83
140112100	1"1/2	1"	59	43,5	53	292	5	32,69
140112114	1"1/2	1"1/4	59	50	53	298	5	32,69
140200100	2"	1"	72	43	56	456	5	45,05
140200114	2"	1"1/4	72	52	56	430	5	45,05
140200112	2"	1"1/2	72	56,7	57	452	5	45,05

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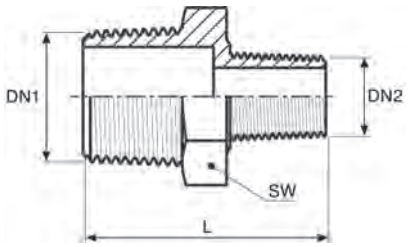
RIDUZIONE MF

- HEXAGONAL BUSHING M/F
- 6-KANT REDUZIERSTÜCK
- REDUCTION MF
- TUERCA REDUCCIÓN

MATERIAL: AISI 316 - 1.4401 / 1.4408
THREAD: EN 10226-1 (ex ISO 7/1)
RATING: 150 PSI – PN10

CODE	DN1 inch	DN2 inch	L mm	T mm	F mm	SW mm	g			€
141104108	1/4"	1/8"	15,2	4,4	10,8	16	10	10	1200	**4,34**
141308108	3/8"	1/8"	16,5	4,1	12,4	18	19	10	800	**5,25**
141308104	3/8"	1/4"	16,5	4,6	11,9	18	14	10	800	**5,25**
141102104	1/2"	1/4"	21	5,4	15,6	26	40	10	400	**5,47**
141102308	1/2"	3/8"	21	5,6	15,4	26	34	10	400	**5,47**
141304104	3/4"	1/4"	24	6,4	17,6	30	71	10	200	**8,06**
141304308	3/4"	3/8"	24	6,6	17,4	30	65	10	200	**8,06**
141304102	3/4"	1/2"	24	6,5	17,5	30	54	10	200	**8,06**
141100102	1"	1/2"	27	7,3	19,7	35	99	10	150	**10,10**
141100304	1"	3/4"	27	7,3	19,7	35	77	10	150	**10,10**
141114102	1"1/4	1/2"	30	8,1	21,9	45	197	5	80	**15,42**
141114304	1"1/4	3/4"	30	8,1	21,9	45	175	5	80	**15,42**
141114100	1"1/4	1"	30	8,1	21,9	45	141	5	80	**15,42**
141112102	1"1/2	1/2"	38	12,2	25,8	52	312	5	60	**21,27**
141112304	1"1/2	3/4"	38	12,2	25,8	52	303	5	60	**21,27**
141112100	1"1/2	1"	38	12,2	25,8	52	275	5	60	**21,27**
141112114	1"1/2	1"1/4	38	12,2	25,8	52	202	5	60	**21,27**
141200100	2"	1"	36	11,2	24,8	63	345	5	35	**29,40**
141200114	2"	1"1/4	36	11,2	24,8	63	360	5	35	**29,40**
141200112	2"	1"1/2	36	11,2	24,8	63	296	5	35	**29,40**
141212100	2"1/2	1"	45	14,1	30,9	81	855	5	15	**62,67**
141212114	2"1/2	1"1/4	45	14,1	30,9	81	796	5	15	**62,67**
141212112	2"1/2	1"1/2	45	14,1	30,9	81	753	5	15	**62,67**
141212200	2"1/2	2"	45	14,1	30,9	81	630	5	15	**62,67**
141300200	3"	2"	47	14	33	95	1041	2	12	**90,52**
141300212	3"	2"1/2	47	14	33	95	767	2	12	**90,52**
141400200	4"	2"	52	12	40	120	1993	2	8	**150,20**
141400212	4"	2"1/2	52	12	40	120	1631	2	8	**150,20**
141400300	4"	3"	52	12	40	120	1493	2	8	**150,20**

A 30 30





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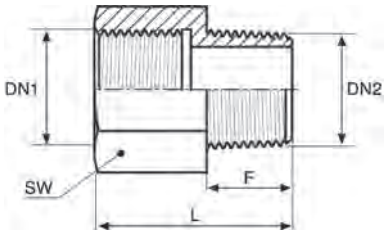
VITE DOPPIA RIDOTTA

- HEXAGONAL NIPPLE REDUCED
- 6-KANT DOPPELNIPPEL REDUZIERT
- MAMELON RÉDUIT
- MACHÓN REDUCIDO

MATERIAL: AISI 316 - 1.4401 / 1.4408
THREAD: EN 10226-1 (ex ISO 7/1)
RATING: 150 PSI – PN10

CODE	DN1 inch	DN2 inch	L mm	SW mm	g			€
145104108	1/4"	1/8"	34	18	29	10	600	**6,26**
145308108	3/8"	1/8"	35	21	43	10	400	**7,22**
145308104	3/8"	1/4"	35,5	21	42	10	400	**7,22**
145102104	1/2"	1/4"	34	26	53	10	200	**7,94**
145102308	1/2"	3/8"	41	26	63	10	200	**7,94**
145304104	3/4"	1/4"	37	30	70	10	100	**10,10**
145304308	3/4"	3/8"	37	30	75	10	100	**10,10**
145304102	3/4"	1/2"	45	30	105	10	100	**10,10**
145100102	1"	1/2"	44,2	35	115	10	150	**13,01**
145100304	1"	3/4"	50	37	146	10	150	**13,01**
145114102	1"1/4	1/2"	48	46	199	5	80	**22,67**
145114304	1"1/4	3/4"	52	46	219	5	80	**22,67**
145114100	1"1/4	1"	54	46	227	5	80	**22,67**
145112304	1"1/2	3/4"	53	50	250	5	60	**27,60**
145112100	1"1/2	1"	53	50	242	5	60	**27,60**
145112114	1"1/2	1"1/4	59	51,5	311	5	60	**27,60**
145200100	2"	1"	57	63	361	5	60	**37,28**
145200114	2"	1"1/4	58	63	379	5	60	**37,28**
145200112	2"	1"1/2	65,4	64	432	5	50	**37,28**
145212100	2"1/2	1"	63	80	700	5	20	**75,46**
145212114	2"1/2	1"1/4	66	80	730	5	20	**75,46**
145212112	2"1/2	1"1/2	66	80	739	5	20	**75,46**
145212200	2"1/2	2"	77	76,3	934	5	20	**75,46**
145300200	3"	2"	74	95	1069	2	12	**109,07**
145300212	3"	2"1/2	84	92,5	1381	2	12	**109,07**
145400200	4"	2"	82	125	1754	2	4	**170,35**
145400212	4"	2"1/2	82	125	1750	2	4	**170,35**
145400300	4"	3"	94	117,4	2200	2	4	**170,35**

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146

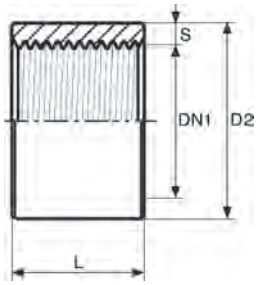
MANICOTTO MF (PROLUNGA)

- HEX. NEG. BUSHUNG F/M
- MUFFENNIPPEL
- MANCHON DE PROLONGEMENT
- MANGUITO HM

MATERIAL: AISI 316 - 1.4401 / 1.4408
THREAD: EN 10226-1 (ex ISO 7/1)
RATING: 150 PSI – PN10

CODE	DN1 inch	DN2 inch	L mm	F mm	SW mm	g		€
146104108	1/4"	1/8"	27	10,8	17	23	10	**10,15**
146104104	1/4"	1/4"	28,5	12	17	26	10	**10,15**
146308104	3/8"	1/4"	30,5	11,9	21	38	10	**12,11**
146308308	3/8"	3/8"	31	12,3	21	43	10	**12,59**
146102308	1/2"	3/8"	34,5	12,3	26	64	10	**21,47**
146102102	1/2"	1/2"	37,5	14,6	26	73	10	**21,47**
146304102	3/4"	1/2"	38,5	15,6	32	102	10	**21,65**
146304304	3/4"	3/4"	41	17,5	32	280	10	**22,03**
146100304	1"	3/4"	44	17,5	38	127	10	**29,27**
146100100	1"	1"	46	20,1	38	300	5	**29,85**
146114100	1"1/4	1"	47	20	50	240	5	**36,30**
146114114	1"1/4	1"1/4	49	22	50	389	5	**36,96**
146112114	1"1/2	1"1/4	50	22,3	54	263	5	**50,09**
146112112	1"1/2	1"1/2	51	23,5	54	400	5	**51,04**
146200112	2"	1"1/2	54	23,1	68	533	5	**56,82**
146200200	2"	2"	57	26,5	68	537	5	**57,90**

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168/316L

MEZZO MANICOTTO

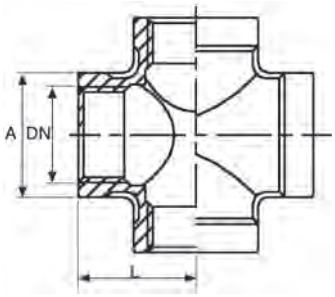
- HALF SOCKET
- MUFFE H.L.
- DEMI MANCHON
- MEDIO MANGUITO

Da tubo S.S.
From seamless pipe

MATERIAL: AISI 316L - 1.4404
DIMENSION: UNI/DIN EN 10241 (ex DIN 2986)
THREAD: EN 10226-1 (ex ISO 7/1)
RATING: 150 PSI – PN10

CODE	DN	DN1 inch	D2 mm	L mm	S mm	g		€
168108316	6	1/8"	15	8	2,35	7	10	**3,52**
168104316	8	1/4"	18,5	11	2,40	12	10	**3,52**
168308316	10	3/8"	21,3	12	2,05	14	10	**3,72**
168102316	15	1/2"	26,6	15	2,65	26	10	**5,39**
168304316	20	3/4"	31,8	17	2,45	36	10	**6,27**
168100316	25	1"	39,5	20	2,90	64	10	**10,51**
168114316	32	1"1/4	48,3	22	2,95	88	5	**16,92**
168112316	40	1"1/2	54,5	22	3,10	105	5	**19,65**
168200316	50	2"	66,2	26	2,95	164	5	**28,80**
168212316	65	2"1/2	82	30	2,95	245	1	**57,76**
168300316	80	3"	95	34	3,05	312	1	**58,53**
168400316	100	4"	121,4	40	3,55	630	1	**92,48**

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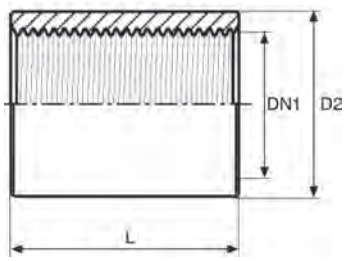
CROCE FEMMINA

- CROSS
- KREUZSTÜCK
- CROIX
- CRUZ

MATERIAL: AISI 316 - 1.4401 / 1.4408
THREAD: EN 10226-1 (ex ISO 7/1)
RATING: 150 PSI – PN10

CODE	DN	DN inch	A mm	L mm	g		€
180108316	6	1/8"	15,2	17	38	10	**15,29**
180104316	8	1/4"	19,7	18,5	72	10	**15,29**
180308316	10	3/8"	23,3	22,9	103	10	**18,09**
180102316	15	1/2"	28	26,8	144	10	**20,06**
180304316	20	3/4"	34,8	32	249	10	**28,79**
180100316	25	1"	43,6	37,5	435	10	**38,09**
180114316	32	1"1/4	53	45,9	701	5	**63,00**
180112316	40	1"1/2	58	47,6	754	5	**74,21**
180200316	50	2"	71	58	1258	2	**119,37**
180212316	65	2"1/2	87	69	1770	2	**227,20**
180300316	80	3"	99	77	2031	1	**319,17**
180400316	100	4"	125	97	3490	1	**490,89**

A 30 30





268/304L

MANICOTTO

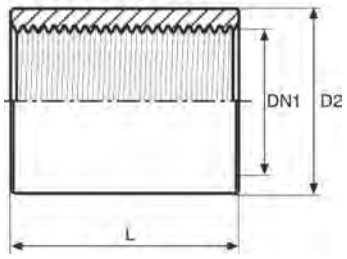
Da tubo S.S.
From seamless pipe

- SOCKET
- MUFFE G.L.
- MANCHON
- MANGUITO

MATERIAL: AISI 304L - 1.4307
DIMENSION: UNI/DIN EN 10241 (ex DIN 2986)
THREAD: EN 10226-1 (ex ISO 7/1)
RATING: 150 PSI – PN10

CODE	DN	DN1 inch	D2 mm	L mm	S mm	g			€
268108304	6	1/8"	15	17	2,35	15	10	800	5,06
268104304	8	1/4"	18,5	25	2,40	30	10	500	5,06
268308304	10	3/8"	21,3	26	2,05	34	10	400	5,78
268102304	15	1/2"	26,6	34	2,65	68	10	240	6,93
268304304	20	3/4"	31,8	36	2,45	83	10	140	9,02
268100304	25	1"	39,5	43	2,90	137	10	150	13,69
268114304	32	1"1/4	48,3	48	2,95	226	5	100	22,42
268112304	40	1"1/2	54,5	48	3,10	266	5	70	25,31
268200304	50	2"	66,2	56	2,95	352	5	50	34,38
268212304	65	2"1/2	82	65	2,95	530	1	24	78,57
268300304	80	3"	95	71	3,05	650	1	18	92,93
268400304	100	4"	121,4	83	3,55	1305	1	10	144,06

A 30 30





268/316L

MANICOTTO

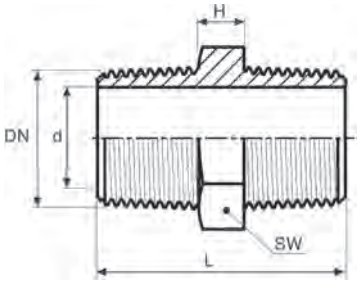
Da tubo S.S.
From seamless pipe

- SOCKET
- MUFFE G.L.
- MANCHON
- MANGUITO

MATERIAL: AISI 316L - 1.4404
DIMENSION: UNI/DIN EN 10241 (ex DIN 2986)
THREAD: EN 10226-1 (ex ISO 7/1)
RATING: 150 PSI – PN10

CODE	DN	DN1 inch	D2 mm	L mm	S mm	g			€
268108316	6	1/8"	15	17	2,35	15	10	800	5,89
268104316	8	1/4"	18,5	25	2,40	30	10	500	5,89
268308316	10	3/8"	21,3	26	2,05	34	10	400	6,79
268102316	15	1/2"	26,6	34	2,65	68	10	240	8,34
268304316	20	3/4"	31,8	36	2,45	83	10	140	10,79
268100316	25	1"	39,5	43	2,90	137	10	150	16,22
268114316	32	1"1/4	48,3	48	2,95	226	5	100	26,22
268112316	40	1"1/2	54,5	48	3,10	266	5	70	29,94
268200316	50	2"	66,2	56	2,95	352	5	50	41,13
268212316	65	2"1/2	82	65	2,95	530	1	24	91,46
268300316	80	3"	95	71	3,05	650	1	18	111,03
268400316	100	4"	121,4	83	3,55	1305	1	10	172,43

A 30 30





280

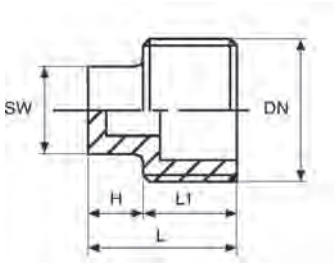
VITE DOPPIA

- HEXAGON NIPPLE
- 6-KANT DOPPELNIPPEL
- MAMELON DOUBLE
- MACHÓN DOBLE

MATERIAL: AISI 316 - 1.4401 / 1.4408
THREAD: EN 10226-1 (ex ISO 7/1)
RATING: 150 PSI – PN10

CODE	DN	DN inch	L mm	H mm	d mm	SW mm	g			€
280108316	6	1/8"	23,6	6	4,3	12	12	10	700	4,73
280104316	8	1/4"	27,8	6	7	16	22	10	600	4,73
280308316	10	3/8"	29	6	9,4	19	39	10	400	5,47
280102316	15	1/2"	35	6	13,7	22	50	10	200	5,73
280304316	20	3/4"	40	8	19	30	84	10	100	7,41
280100316	25	1"	46	7,5	25,5	36	120	10	130	10,10
280114316	32	1"1/4	52,5	10	32	46	230	5	80	17,59
280112316	40	1"1/2	54	11	38,5	50	261	5	60	23,37
280200316	50	2"	62	13,2	50,2	64,5	399	5	40	28,52
280212316	65	2"1/2	70	13	63,8	79,5	698	2	18	73,89
280300316	80	3"	78,4	15	77	90	898	2	12	96,90
280400316	100	4"	94	17,6	102	120	1192	1	4	153,54

A 30 30





291

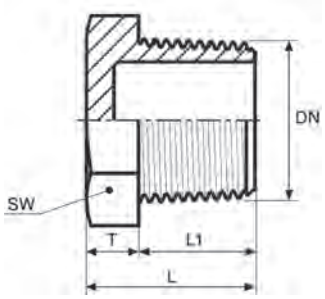
TAPPO MASCHIO TESTA QUADRA

- SQUARE PLUG
- 4-KANT STOPFEN
- BOUCHON M. CARRÉ
- TAPÓN MACHO CUADRADA

MATERIAL: AISI 316 - 1.4401 / 1.4408
THREAD: EN 10226-1 (ex ISO 7/1)
RATING: 150 PSI – PN10

CODE	DN	DN inch	L mm	L1 mm	H mm	SW mm	g		€
291108316	6	1/8"	16,5	12,5	6,5	6 x 6	9	10	3,63
291104316	8	1/4"	20	12	8	9 x 9	17	10	3,63
291308316	10	3/8"	23	13	10	11 x 11	30	10	5,17
291102316	15	1/2"	25	15,5	9,5	13 x 13	37	10	5,82
291304316	20	3/4"	27	17	10	16 x 16	45	10	7,01
291100316	25	1"	32	20	12	20 x 20	95	10	10,04
291114316	32	1"1/4	35	22	13	24 x 24	137	5	17,24
291112316	40	1"1/2	36	22	14	25 x 25	151	5	22,07
291200316	50	2"	38	24	14	32 x 32	242	5	30,45
291212316	65	2"1/2	48	30	18	42 x 42	617	1	67,41
291300316	80	3"	52	34	18	46 x 46	913	1	103,69
291400316	100	4"	62	39,5	22,5	58 x 58	1588	1	198,49

A 30 30





292

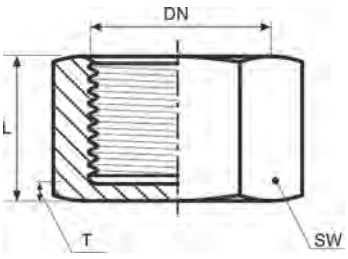
TAPPO MASCHIO TESTA ESAGONALE

- HEXAGONAL PLUG
- 6-KANT STOPFEN
- BOUCHON M. HEXAGONAL
- TAPÓN MACHO HEXAGONAL

MATERIAL: AISI 316 - 1.4401 / 1.4408
THREAD: EN 10226-1 (ex ISO 7/1)
RATING: 150 PSI – PN10

CODE	DN	DN inch	L mm	L1 mm	T mm	SW mm	g			€
292108316	6	1/8"	17	12	5	12	12	10	1000	**4,13**
292104316	8	1/4"	17,5	12,5	5,5	16	20	10	800	**3,63**
292308316	10	3/8"	18	12	6	20	36	10	600	**4,22**
292102316	15	1/2"	25	16,5	8,5	24	51	10	300	**4,77**
292304316	20	3/4"	26	17,5	8,5	30	76	10	200	**8,03**
292100316	25	1"	29	20,5	8,5	38	119	10	120	**10,10**
292114316	32	1"1/4	35	26,5	8,5	46	213	5	75	**18,91**
292112316	40	1"1/2	38	26,5	11,5	52	297	5	60	**27,11**
292200316	50	2"	39	27,5	11,5	65	440	5	30	**37,66**
292212316	65	2"1/2	44	30,5	13,5	81	806	3	15	**70,15**
292300316	80	3"	54	40,5	13,5	94	1164	2	12	**101,50**
292400316	100	4"	55	40,5	14,5	119	1961	2	10	**172,56**

A 30 30





300

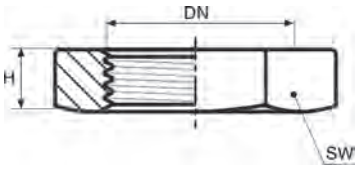
CALOTTA ESAGONALE

- HEXAGONAL CAP
- 6-KANT KAPPE
- BOUCHON FEMELLE HEXAGONALE
- TAPÓN HEMBRA HEXAGONAL

MATERIAL: AISI 316 - 1.4401 / 1.4408
THREAD: EN 10226-1 (ex ISO 7/1)
RATING: 150 PSI – PN10

CODE	DN	DN inch	L mm	T mm	SW mm	g		€
300108316	6	1/8"	14	3	15	12	10	**4,07**
300104316	8	1/4"	18	3	18	21	10	**4,07**
300308316	10	3/8"	19	3	21	32	10	**4,97**
300102316	15	1/2"	21	3	27	58	10	**6,22**
300304316	20	3/4"	24	4	30	67	10	**7,50**
300100316	25	1"	25	4	38	116	10	**11,19**
300114316	32	1"1/4	28	4,5	50	231	5	**21,11**
300112316	40	1"1/2	28	4,5	55	254	5	**23,88**
300200316	50	2"	34	4	70	506	5	**37,88**
300212316	65	2"1/2	40	6,5	92	1207	2	**87,80**
300300316	80	3"	45	6	109	1925	2	**136,64**
300400316	100	4"	50	6	132	2693	1	**202,38**

A 30 30





310

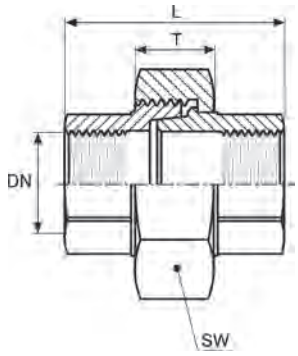
CONTRODADO

- BACK NUT
- 6-KANT GEGENMUTTER
- CONTRE ECROU
- CONTRATUERCA

MATERIAL: AISI 316 - 1.4401 / 1.4408
THREAD: ISO 228/1 (ex DIN 259)
RATING: 150 PSI – PN10

CODE	DN	DN inch	H mm	SW mm	g		€
310108316	6	1/8"	6,2	14	18	10	3,72
310104316	8	1/4"	7	23	19	10	3,72
310308316	10	3/8"	8	26	22	10	4,06
310102316	15	1/2"	10	31	39	10	5,10
310304316	20	3/4"	11	37	56	10	5,92
310100316	25	1"	10	46	79	10	8,19
310114316	32	1"1/4	11	55	110	5	12,09
310112316	40	1"1/2	12	63	154	5	15,96
310200316	50	2"	13	76	227	5	23,22
310212316	65	2"1/2	16	95	450	1	48,78
310300316	80	3"	19	105	575	1	60,13
310400316	100	4"	20	131	775	1	88,65

A 30 30





330

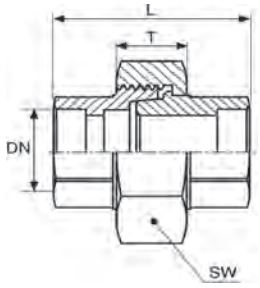
GIUNTO A 3 PEZZI FF

- UNION CONICAL F/F
- VERSCHRAUBUNG I/I
- MANCHON UNION FF CONIQUE
- ENLACE 3 PIEZAS CÓNICA

MATERIAL: AISI 316 - 1.4401 / 1.4408
THREAD: EN 10226-1 (ex ISO 7/1)
RATING: 150 PSI – PN10

CODE	DN	DN inch	L mm	T mm	SW mm	g			€
330108316	6	1/8"	29	13,5	25	54	10	300	17,68
330104316	8	1/4"	37,5	13,5	30	101	10	150	17,68
330308316	10	3/8"	40,5	15	35	128	10	100	19,65
330102316	15	1/2"	44	17	42	198	10	70	19,65
330304316	20	3/4"	50	19	47	253	10	50	24,87
330100316	25	1"	48	20,5	53	285	10	60	33,88
330114316	32	1"1/4	59	23	71	700	5	35	62,22
330112316	40	1"1/2	65	25,5	77	815	5	35	76,28
330200316	50	2"	69	27,5	92	1205	5	15	101,92
330212316	65	2"1/2	80	28,5	112	1879	2	10	193,82
330300316	80	3"	88	30	126	2591	1	8	278,55
330400316	100	4"	108	38	157	4340	1	4	454,30

A 30 30





340

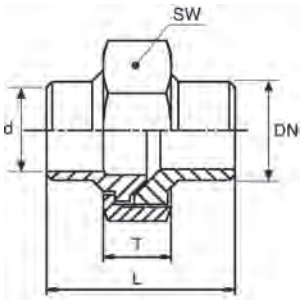
GIUNTO A 3 PEZZI A SALDARE A TASCA

- UNION CONICAL SOCKET WELDED
- VERSCHRAUBUNG ZUM EINSTECKSCHWEISSEN
- MANCHON UNION A SOUDER
- ENLACE 3 PIEZAS SOLDAR CÓNICA

MATERIAL: AISI 316 - 1.4401 / 1.4408
RATING: 150 PSI – PN10

CODE	DN	DN inch/mm	L mm	T mm	SW mm	g		€
340108316	6	1/8" - 11	29	13,5	25	50	10	**34,97**
340104316	8	1/4" - 14,4	37,5	13,5	30	98	10	**34,97**
340308316	10	3/8" - 17,8	38	15,5	35	121	10	**38,87**
340102316	15	1/2" - 22	42	17	42	199	10	**44,82**
340304316	20	3/4" - 27,4	50,4	19	47	265	10	**56,77**
340100316	25	1" - 34,1	48	20,5	53	301	10	**74,70**
340114316	32	1"1/4 - 42,9	59	23	71	721	5	**127,31**
340112316	40	1"1/2 - 48,9	65	26	78	799	5	**155,99**
340200316	50	2" - 61,4	69	28,5	92	1200	1	**208,60**
340212316	65	2"1/2 - 74,1	80	28,5	112	1868	1	**393,11**
340300316	80	3" - 90,1	88	30	127	2561	1	**564,64**

A 30 30





340/BW

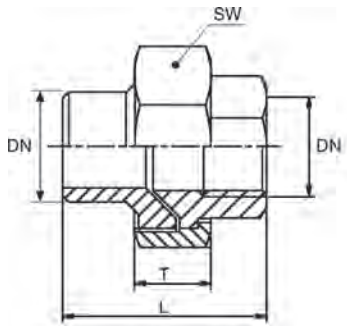
GIUNTO A 3 PEZZI A SALDARE DI TESTA

- UNION CONICAL BUTT WELDING
- VERSCHRAUBUNG ZUM ANSCHWEISSEN
- RACCORD UNION A SOUDER B.W.
- ENLACE 3 PIEZAS PARA SOLDAR CÓNICA

MATERIAL: AISI 316 - 1.4401 / 1.4408
RATING: 150 PSI – PN10

CODE	DN	DN inch	d mm	L mm	T mm	SW mm	g		€
3403080BW	10	3/8"	12,7	38	15,5	35	104	10	**37,76**
3401020BW	15	1/2"	16,7	42	17	42	173	10	**47,49**
3403040BW	20	3/4"	21,5	50,4	19	47	233	10	**60,95**
3401000BW	25	1"	26,5	48	20,5	53	329	10	**78,95**
3401140BW	32	1"1/4	35,8	59	23	71	635	5	**132,37**
3401120BW	40	1"1/2	42	64	26	78	668	5	**164,90**
3402000BW	50	2"	53,3	69	28,5	92	1039	1	**207,43**

A 30 30





340/FBW

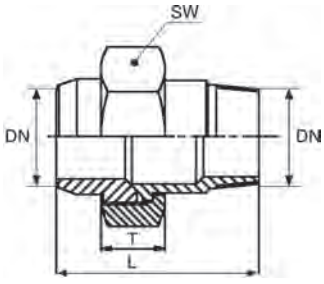
GIUNTO A 3 PEZZI F A SALDARE DI TESTA

- UNION CONICAL FEMALE BUTT WELDING
- VERSCHRAUBUNG ZUM ANSCHWEISSEN MIT INNENGEWINDE
- RACCORD UNION FEMELLE A SOUDER B.W.
- ENLACE 3 PIEZAS H PARA SOLDAR CÓNICA

MATERIAL: AISI 316 - 1.4401 / 1.4408
THREAD: EN 10226-1 (ex ISO 7/1)
RATING: 150 PSI – PN10

CODE	DN	DN inch	L mm	T mm	SW mm	g		€
340308FBW	10	3/8"	38	15,5	35	109	10	**38,87**
340102FBW	15	1/2"	42	17	42	188	10	**45,78**
340304FBW	20	3/4"	50,4	19	47	270	10	**60,36**
340100FBW	25	1"	48	20,5	53	320	10	**78,95**
340114FBW	32	1"1/4	59	23	71	666	5	**137,26**
340112FBW	40	1"1/2	64	26	78	726	5	**165,26**
340200FBW	50	2"	69	28,5	92	1126	1	**224,19**

A 30 30





340/MBW

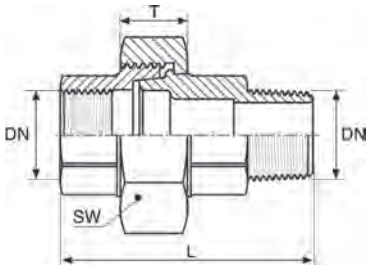
GIUNTO A 3 PEZZI M A SALDARE DI TESTA

- UNION CONICAL MALE BUTT WELDING
- VERSCHRAUBUNG ZUM ANSCHWEISSEN MIT AUSSENGEWINDE
- RACCORD UNION MALE A SOUDER B.W.
- ENLACE 3 PIEZAS M PARA SOLDAR CÓNICA

MATERIAL: AISI 316 - 1.4401 / 1.4408
THREAD: EN 10226-1 (ex ISO 7/1)
RATING: 150 PSI – PN10

CODE	DN	DN inch	L mm	T mm	SW mm	g		€
340308MBW	10	3/8"	50	15,5	35	129	10	**44,82**
340102MBW	15	1/2"	58,4	17	42	209	10	**53,16**
340304MBW	20	3/4"	66	19	47	308	10	**71,03**
340100MBW	25	1"	64,4	20,5	53	399	10	**94,54**
340114MBW	32	1"1/4	83	23	71	827	5	**159,05**
340112MBW	40	1"1/2	86,3	26	78	925	5	**198,42**
340200MBW	50	2"	94	28,5	92	1432	1	**249,72**

A 30 30





341

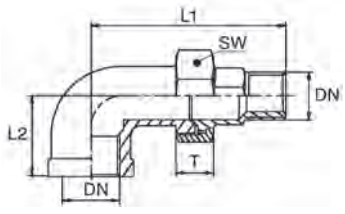
GIUNTO A 3 PEZZI MF

- UNION CONICAL M/F
- VERSCHRAUBUNG I/A
- MANCHON UNION MF
- ENLACE 3 PIEZAS MH CÓNICA

MATERIAL: AISI 316 - 1.4401 / 1.4408
THREAD: EN 10226-1 (ex ISO 7/1)
RATING: 150 PSI – PN10

CODE	DN	DN inch	L mm	T mm	SW mm	g		€
341108316	6	1/8"	40	13,5	25	59	10	**19,77**
341104316	8	1/4"	50	13,5	30	108	10	**19,77**
341308316	10	3/8"	50	15,5	35	133	10	**22,07**
341102316	15	1/2"	58	17	42	230	10	**23,72**
341304316	20	3/4"	67	19	47	332	10	**33,17**
341100316	25	1"	68,3	20,5	53	403	10	**38,97**
341114316	32	1"1/4	83	23	71	865	5	**75,98**
341112316	40	1"1/2	86,3	26	78	978	5	**88,44**
341200316	50	2"	94	28,5	92	1509	5	**117,61**
341212316	65	2"1/2	113,3	28,5	112	2457	2	**224,19**
341300316	80	3"	127	30	126	3450	1	**330,81**
341400316	100	4"	154,5	38	157	5720	1	**551,65**

A 30 30





342

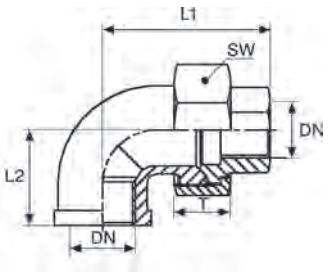
BOCCHETTONE CURVO MF

- UNION CONICAL ELBOW M/F
- WINKEL KUPPLUNG I/A
- COUDE UNION MF
- ENLACE 3 PIEZAS CURVA MH

MATERIAL: AISI 316 - 1.4401 / 1.4408
THREAD: EN 10226-1 (ex ISO 7/1)
RATING: 150 PSI – PN10

CODE	DN	DN inch	L1 mm	L2 mm	T mm	SW mm	g		€
342104316	8	1/4"	58,6	21	13,5	30	147	10	**33,99**
342308316	10	3/8"	61	25	15,5	35	187	10	**36,79**
342102316	15	1/2"	71	28	17	42	269	10	**41,62**
342304316	20	3/4"	78,7	33	19	47	409	10	**53,29**
342100316	25	1"	88,4	38	20,5	53	602	10	**68,65**
342114316	32	1"1/4	102,9	45	23	71	1142	5	**117,21**
342112316	40	1"1/2	110,3	50	26	77	1315	3	**174,04**
342200316	50	2"	119,4	58	28,5	92	1992	2	**200,88**

A 30 30





343

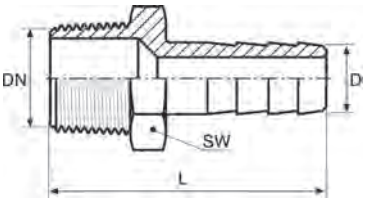
BOCCHETTONE CURVO FF

- UNION CONICAL ELBOW F/F
- WINKEL KUPPLUNG I/I
- COUDE UNION FF
- ENLACE 3 PIEZAS CURVA HH

MATERIAL: AISI 316 - 1.4401 / 1.4408
THREAD: EN 10226-1 (ex ISO 7/1)
RATING: 150 PSI – PN10

CODE	DN	DN inch	L1 mm	L2 mm	T mm	SW mm	g		€
343104316	8	1/4"	46,2	21	13,5	30	139	10	**33,77**
343308316	10	3/8"	49	25	15,5	35	164	10	**35,65**
343102316	15	1/2"	56	28	17	42	266	10	**40,66**
343304316	20	3/4"	62,7	33	19	47	364	10	**50,35**
343100316	25	1"	68	38	20,5	53	598	10	**65,12**
343114316	32	1"1/4	79,5	45	23	71	1009	5	**106,77**
343112316	40	1"1/2	88	50	26	78	1181	5	**127,22**
343200316	50	2"	93,8	58	28,5	92	1847	2	**179,31**

A 30 30





344

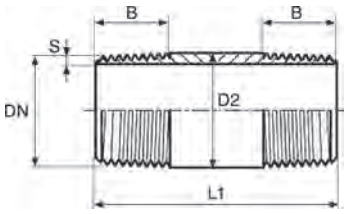
PORTAGOMMA M

- HOSE NIPPLE
- SCHLAUCHNIPPEL
- TETON M
- ENTRONQUE MANGUERA

MATERIAL: AISI 316 - 1.4401 / 1.4408
THREAD: EN 10226-1 (ex ISO 7/1)
RATING: 150 PSI – PN10

CODE	DN	DN inch	D mm	L mm	SW mm	g		€
344108316	6	1/8"	7	45	12,5	15	10	**9,15**
344104316	8	1/4"	9	47	16,5	31	10	**8,46**
344308316	10	3/8"	11	55	20	41	10	**10,15**
344102316	15	1/2"	13	64	23,5	71	10	**12,73**
344304316	20	3/4"	16	68	31	118	10	**18,49**
344100316	25	1"	25	71	38,5	235	5	**22,86**
344114316	32	1"1/4	33	80	46	267	5	**32,14**
344112316	40	1"1/2	39	95	52	428	5	**40,66**
344200316	50	2"	51	105	62	666	5	**64,50**

A 30 30





530/304L

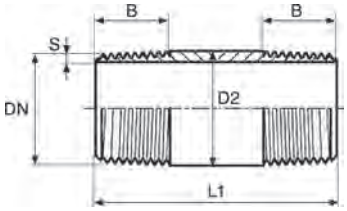
VITE DI ALLUNGAMENTO (BARILOTTO) DA TUBO SALDATO

- BARREL NIPPLE
- ROHRDOPPELNIPPEL
- MAMELON
- ENTRONQUE DOBLE TUBO SOLDADO

MATERIAL: AISI 304L - 1.4307
DIMENSION: UNI/DIN EN 10241 (ex DIN 2986)
THREAD: EN 10226-1 (ex ISO 7/1)
RATING: 150 PSI – PN10

CODE	DN	DN inch	D2 mm	S mm	L1 mm	B mm	g			€
530108304	6	1/8"	10,3	2	35	10	13	10	500	**8,46**
530104304	8	1/4"	13,7	2,3	40	10	20	10	400	**8,89**
530308304	10	3/8"	17,2	2,3	40	10	27	10	200	**10,38**
530102304	15	1/2"	21,3	2,6	60	13	61	10	200	**11,70**
530304304	20	3/4"	26,9	2,6	60	15	71	10	150	**12,57**
530100304	25	1"	33,7	3,2	60	17	110	10	100	**17,34**
530114304	32	1"1/4	42,4	3,2	80	19	190	8	80	**24,62**
530112304	40	1"1/2	48,3	3,2	80	19	220	8	48	**26,16**
530200304	50	2"	60,3	3,6	100	23	400	6	36	**38,09**
530212304	65	2"1/2	76,1	3,6	100	27	490	1	18	**60,48**
530300304	80	3"	88,9	4	120	30	770	1	12	**84,37**
530400304	100	4"	114,3	4,5	120	36	900	1	12	**154,83**

A 30 30





530/316L

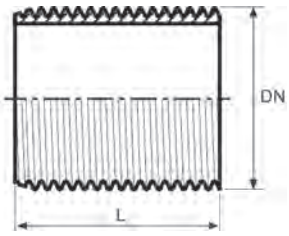
VITE DI ALLUNGAMENTO (BARILOTTO) DA TUBO SALDATO

- BARREL NIPPLE
- ROHRDOPPELNIPPEL
- MAMELON
- ENTRONQUE DOBLE TUBO SOLDADO

MATERIAL: AISI 316L - 1.4404
DIMENSION: UNI/DIN EN 10241 (ex DIN 2986)
THREAD: EN 10226-1 (ex ISO 7/1)
RATING: 150 PSI – PN10

CODE	DN	DN inch	D2 mm	S mm	L1 mm	B mm	g			€
530108316	6	1/8"	10,3	2	35	10	13	10	500	**9,99**
530104316	8	1/4"	13,7	2,3	40	10	20	10	400	**10,51**
530308316	10	3/8"	17,2	2,3	40	10	27	10	200	**12,22**
530102316	15	1/2"	21,3	2,6	60	13	61	10	200	**13,83**
530304316	20	3/4"	26,9	2,6	60	15	71	10	150	**14,25**
530100316	25	1"	33,7	3,2	60	17	110	10	100	**21,58**
530114316	32	1"1/4	42,4	3,2	80	19	190	8	80	**32,13**
530112316	40	1"1/2	48,3	3,2	80	19	220	8	48	**34,80**
530200316	50	2"	60,3	3,6	100	23	400	6	36	**53,16**
530212316	65	2"1/2	76,1	3,6	100	27	490	1	18	**82,01**
530300316	80	3"	88,9	4	120	30	770	1	12	**117,88**
530400316	100	4"	114,3	4,5	120	36	900	1	12	**203,69**

A 30 30





531

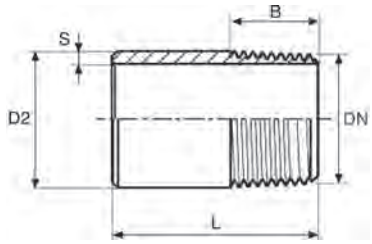
NIPPLO SEMPLICE

- PARALLEL NIPPLE
- GEWINDENIPPEL
- MAMELON SIMPLE
- MANGUITO INTERIOR

MATERIAL: AISI 316 - 1.4401 / 1.4408
THREAD: ISO 228/1 (ex DIN 259)
RATING: 150 PSI – PN10

CODE	DN	DN inch	L mm	g		€
531104316	8	1/4"	18	7	10	**16,62**
531308316	10	3/8"	22	12	10	**16,74**
531102316	15	1/2"	25	17	10	**17,98**
531304316	20	3/4"	30	24	10	**23,79**
531100316	25	1"	35	49	10	**26,46**
531114316	32	1"1/4	38	70	10	**33,04**
531112316	40	1"1/2	38	95	10	**42,66**
531200316	50	2"	45	127	5	**58,61**

A 30 30





600/304L

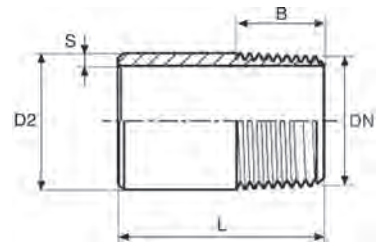
TRONCHETTO DA TUBO SALDATO

- WELDING NIPPLE
- ANSCHWEISSENDE
- DEMI MAMELON
- ENTRONQUE TUBO SOLDADO

MATERIAL: AISI 304L - 1.4307
DIMENSION: UNI/DIN EN 10241 (ex DIN 2986)
THREAD: EN 10226-1 (ex ISO 7/1)
RATING: 150 PSI – PN10

CODE	DN	DN inch	D2 mm	S mm	L mm	B mm	g			€
600108304	6	1/8"	10,3	2	30	10	11	10	500	**3,58**
600104304	8	1/4"	13,7	2,3	30	10	15	10	500	**3,58**
600308304	10	3/8"	17,2	2,3	30	10	23	10	400	**3,58**
600102304	15	1/2"	21,3	2,6	35	13	33	10	400	**4,73**
600304304	20	3/4"	26,9	2,6	40	15	52	10	200	**6,07**
600100304	25	1"	33,7	3,2	40	17	77	10	200	**6,47**
600114304	32	1"1/4	42,4	3,2	50	19	120	10	100	**9,29**
600112304	40	1"1/2	48,3	3,2	50	19	150	5	100	**10,00**
600200304	50	2"	60,3	3,6	50	23	200	5	50	**13,83**
600212304	65	2"1/2	76,1	3,6	60	27	310	1	36	**44,43**
600300304	80	3"	88,9	4	70	30	470	1	6	**72,85**
600400304	100	4"	114,3	4,5	80	36	760	1	6	**130,19**

A 30 30





600/316L

TRONCHETTO DA TUBO SALDATO

- WELDING NIPPLE
- ANSCHWEISSENDE
- DEMI MAMELON
- ENTRONQUE TUBO SOLDADO

MATERIAL: AISI 316L - 1.4404
DIMENSION: UNI/DIN EN 10241 (ex DIN 2986)
THREAD: EN 10226-1 (ex ISO 7/1)
RATING: 150 PSI – PN10

CODE	DN	DN inch	D2 mm	S mm	L mm	B mm	g			€
600108316	6	1/8"	10,3	2	30	10	11	10	500	**4,80**
600104316	8	1/4"	13,7	2,3	30	10	15	10	500	**4,80**
600308316	10	3/8"	17,2	2,3	30	10	23	10	400	**4,80**
600102316	15	1/2"	21,3	2,6	35	13	33	10	400	**5,18**
600304316	20	3/4"	26,9	2,6	40	15	52	10	200	**6,59**
600100316	25	1"	33,7	3,2	40	17	77	10	200	**7,53**
600114316	32	1"1/4	42,4	3,2	50	19	120	10	100	**17,80**
600112316	40	1"1/2	48,3	3,2	50	19	150	5	100	**19,87**
600200316	50	2"	60,3	3,6	50	23	200	5	50	**25,75**
600212316	65	2"1/2	76,1	3,6	60	27	310	1	36	**51,23**
600300316	80	3"	88,9	4	70	30	470	1	6	**83,74**
600400316	100	4"	114,3	4,5	80	36	760	1	6	**149,78**

FOCUS ON

INFORMAZIONI TECNICHE
Technical info

I raccordi filettati INOX sono usati per tipici impianti di trasporto acqua, aria, gas, olio e vapore.
La "Classe" di prodotto dei raccordi inox è 150 psi.
Il range di temperatura di utilizzo è -20 / +200 °C, mentre la pressione di esercizio è dipendente dalla temperatura secondo tabella seguente (dati ricavati dagli standards ISO 4144 e ANSI/MSS SP-114)

Threaded fittings are used for typical plants to transport water, air, gas, oil and steam.
The "class" product of stainless steel fittings is 150 psi.
The range of operating temperature is -20 / + 200 ° C while the pressure depend from temperature in according to the following table (data obtained from the standards ISO 4144 and ANSI / MSS SP-114).

T (C°)		P (bar)
Min	MAX	
-20	40	20
40	100	16,5
100	120	15
120	150	12
150	200	10

ACCOPPIAMENTO A TENUTA SUL FILETTO
Norma EN 10226-1 (ex ISO 7/1)
Filettatura gas:
maschio conico [designazione R]
femmina cilindrica [designazione Rp]

COUPLING WITH SEAL ON THE THREAD
EN 10226-1 (ex ISO 7/1) standard
Gas thread:
conical male [designation R]
cylindrical female [designation Rp]

ACCOPPIAMENTO CON GUARNIZIONE PIATTA (NON A TENUTA SUL FILETTO)
Norma ISO 228
Filettatura gas:
maschio cilindrico [designazione G (A o B)
A o B = classi di tolleranza]
femmina cilindrica [designazione G]

COUPLING WITH FLAT GASKET (NOT HOLDING THE THREAD)
ISO 228 standard
Gas thread:
cylindrical male [designation G (A or B)
A or B = tolerance classes]
cylindrical female [designation G]

A 40 40



981

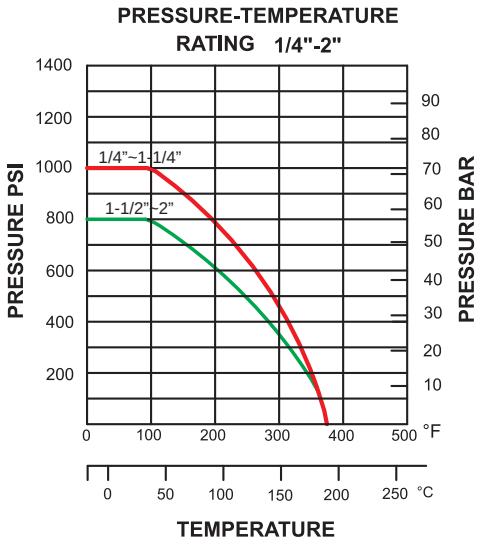
VALVOLA A SFERA 1 PZ PASSAGGIO RIDOTTO 1-PC BALL

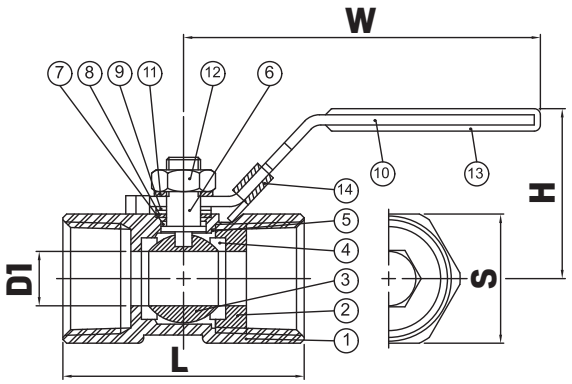
- 1-PC BALL VALVE WITH REDUCED PORT
- KUGELHAHN 1-TEILIG MIT REDUZIERTEM DURCHGANG
- BOISSEAU SPHERIQUE MONOBLOC PASSAGE RÉDUIT
- VÁLVULA DE BOLA UNA PIEZA PASO REDUCIDO

MATERIAL: AISI 316 - 1.4401 / 1.4408
THREAD: EN 10226-1 (ex ISO 7/1)
NOTE: NOT "silicone free"

CODE	DN	DN inch	D1 mm	L mm	H mm	W mm	S mm	g		€
981104000	8	1/4"	5	40	26	66,5	17	70	1	**30,40**
981308000	10	3/8"	7	44	27	76,5	20,5	130	1	**32,85**
981102000	15	1/2"	9,2	57	35	94	25	170	1	**46,26**
981304000	20	3/4"	12,5	59,5	38	94	32	250	1	**50,90**
981100000	25	1"	16	71	44	112	38	420	1	**75,52**
981114000	32	1"1/4	20	78	48	112	48	680	1	**115,38**
981112000	40	1"1/2	24,5	82,5	55	137	53	850	1	**189,06**
981200000	50	2"	32	99	61	137	64	1390	1	**215,67**

CORPO VALVOLA / VALVE BODY





POS.	PARTICOLARE – DETAIL	MATERIALE – MATERIAL	POS.	PARTICOLARE – DETAIL	MATERIALE – MATERIAL
1	Corpo – Body	AISI 316 – 1.4408	8	Tenuta stelo - Stem packing	PTFE
2	Inserto – Insert	AISI 316 – 1.4401	9	Guarnizione stelo - Stem washer	AISI 304 – 1.4301
3	Sfera – Ball	AISI 316 – 1.4408	10	Leva – Handle	AISI 304 – 1.4301
4	Anello di sede – Ball seat	PTFE	11	Rondella "grower" – Spring washer	AISI 304 – 1.4301
5	Guarnizione - Joint gasket	PTFE	12	Dado leva – Stem Nut	AISI 304 – 1.4301
6	Stelo - Stem	AISI 316 – 1.4401	13	Copertura leva – Plastic cover	PVC
7	Rondella di spinta - Thrust washer	PTFE	14	Lucchetto – Lock device	AISI 304 – 1.4301

A 40 40



982

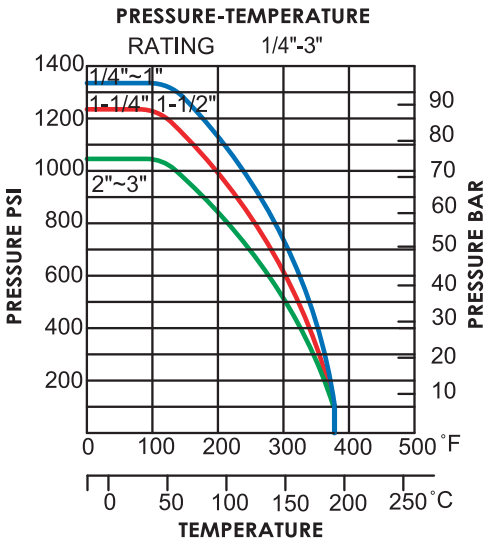
VALVOLA A SFERA 2 PZ PASSAGGIO TOTALE

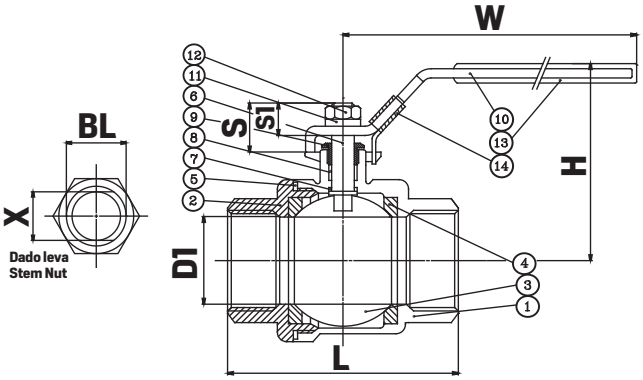
- 2-PC BALL VALVE WITH FULL PORT
- KUGELHAHN 2-TEILIG MIT VOLLEM DURCHGANG
- BOISSEAU SPHERIQUE 2 PIECÈS PASSAGE TOTAL
- VÁLVULA DE BOLA DOS PIEZAS PASO TOTAL

MATERIAL: AISI 316 - 1.4401 / 1.4408
THREAD: EN 10226-1 (ex ISO 7/1)
NOTE: NOT "silicone free"

CODE	DN	DN inch	D1 mm	L mm	H mm	W mm	S mm	S1 mm	X mm	BL	g			€
982104000	8	1/4"	11,6	50	48	98	16,5	10,2	5	M8	200	1	80	**39,76**
982308000	10	3/8"	12,5	50	48	98	16,5	10,2	5	M8	210	1	80	**39,76**
982102000	15	1/2"	15	60	53	98	15,5	11	5	M8	290	1	60	**38,18**
982304000	20	3/4"	20	65	61	120	20	13,5	6	M8	440	1	40	**53,47**
982100000	25	1"	25	80	65	154	23,5	16	7	M10	620	1	24	**77,31**
982114000	32	1"1/4	32	92	79	154	23,5	16	7	M10	1080	1	20	**120,65**
982112000	40	1"1/2	38	105	83	184	25,5	17	8	M12	1490	1	10	**181,03**
982200000	50	2"	50	125	97	184	25,5	17	8	M12	2560	1	6	**242,54**
982212000	65	2"1/2	65	156	129	245	41	29,5	12	M16	5040	1	4	**586,75**
982300000	80	3"	76	183	138	245	41	29,5	12	M16	8150	1	1	**869,43**

CORPO VALVOLA / VALVE BODY





POS.	PARTICOLARE – DETAIL	MATERIALE – MATERIAL	POS.	PARTICOLARE – DETAIL	MATERIALE – MATERIAL
1	Corpo – Body	AISI 316 – 1.4408	8	Tenuta stelo - Stem packing	PTFE
2	Tappo - Cap	AISI 316 – 1.4408	9	Dado premistoppa - Gland nut	AISI 304 – 1.4301
3	Sfera – Ball	AISI 316 – 1.4408	10	Leva – Handle	AISI 304 – 1.4301
4	Anello di sede – Ball seat	PTFE	11	Rondella "grower" – Spring washer	AISI 304 – 1.4301
5	Guarnizione - Joint gasket	PTFE	12	Dado leva – Stem Nut	AISI 304 – 1.4301
6	Stelo - Stem	AISI 316 – 1.4401	13	Copertura leva – Plastic cover	PVC
7	Rondella di spinta - Thrust washer	PTFE	14	Lucchetto – Lock device	AISI 304 – 1.4301

A 40 40



982/L

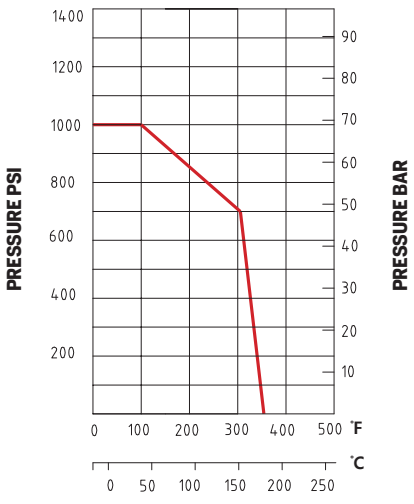
VALVOLA A SFERA 2 PZ PASSAGGIO TOTALE - MANIGLIA SLIM

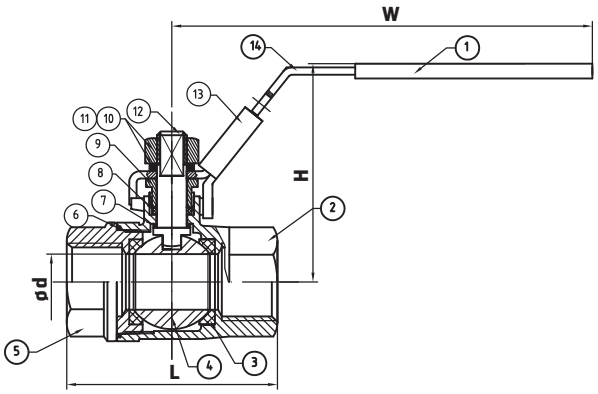
- 2-PC BALL VALVE WITH FULL PORT - SLIM SERIES
- KUGELHAHN 2-TEILIG MIT VOLLEM DURCHGANG - SERIE SLIM
- BOISSEAU SPHERIQUE 2 PIECÈS PASSAGE TOTAL - SÉRIE SLIM
- VÁLVULA DE BOLA DOS PIEZAS PASO TOTAL - SERIE SLIM

MATERIAL: AISI 316 - 1.4401 / 1.4408
THREAD: EN 10226-1 (ex ISO 7/1)
NOTE: NOT "silicone free"

CODE	DN	DN inch	D mm	L mm	H mm	W mm	T mm	g		€
982308001	10	3/8"	12,7	49	52	108	12,5	184	1	**31,37**
982102001	15	1/2"	15	56	57,5	110	13	251	1	**34,84**
982304001	20	3/4"	20	65	60,5	110	21	344	1	**49,72**
982100001	25	1"	25	78	76	128	22,5	562	1	**68,10**
982114001	32	1"1/4	32	87	79	128	23,5	843	1	**102,93**
982112001	40	1"1/2	38	99	94,5	155	23,5	1365	1	**138,84**
982200001	50	2"	50	119	102	155	23,5	2177	1	**213,69**

PRESSURE TEMPERATURE
RATING





POS.	PARTICOLARE – DETAIL	MATERIALE – MATERIAL	POS.	PARTICOLARE – DETAIL	MATERIALE – MATERIAL
1	Copertura leva - Plastic cover	PVC	8	Tenuta stelo - Stem packing	PTFE
2	Corpo - Body	AISI 316 - 1.4408	9	Dado premistoppa - Gland nut	AISI 304 - 1.4301
3	Anello di sede - Ball seat	PTFE	10	Rondella "grower" - Spring washer	AISI 304 - 1.4301
4	Sfera - Ball	AISI 316 - 1.4408	11	Dado leva -Stem Nut	AISI 304 - 1.4301
5	Tappo - Cap	AISI 316 - 1.4408	12	Stelo - Stem	AISI 316 - 1.4401
6	Guarnizione - Joint gasket	PTFE	13	Lucchetto - Lock device	AISI 304 - 1.4301
7	Rondella di spinta - Thrust washer	PTFE	14	Leva - Handle	AISI 304 - 1.4301

A 40 40



982/F

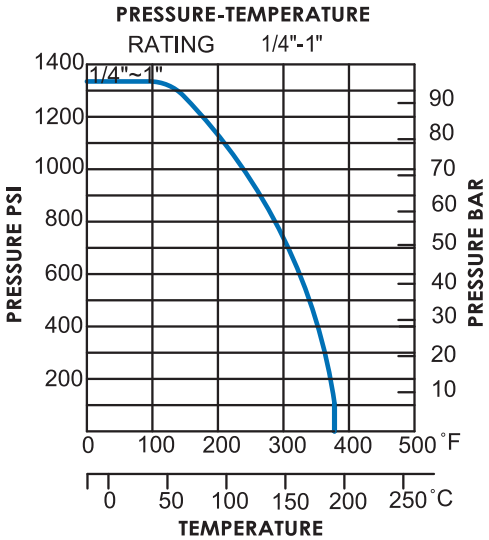
VALVOLA A SFERA 2 PZ PASSAGGIO TOTALE CON FARFALLA

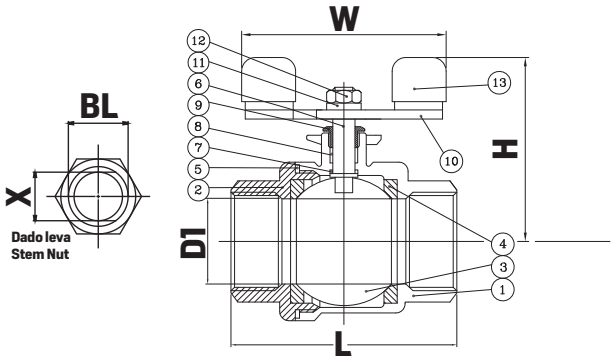
- 2-PC BALL VALVE WITH FULL PORT AND BUTTERFLY HANDLE
- KUGELHAHN 2-TEILIG MIT VOLLEM DURCHGANG UND FLÜGELGRIFF
- BOISSEAU SPHERIQUE 2 PIECÈS PASSAGE TOTAL AVEC MANETTE PAPILLON
- VÁLVULA DE BOLA DOS PIEZAS PASO TOTAL CON MANIJA TIPO MARIPOSA

MATERIAL: AISI 316 - 1.4401 / 1.4408
NOTE: NOT "silicone free"

CODE	DN	DN inch	Version	D1 mm	L mm	H mm	W mm	X mm	BL	g			€
982102000FR	15	1/2"	rosso red	15	60	46	61	5	M8	240	1	60	**62,09**
982102000FB	15	1/2"	blu blue	15	60	46	61	5	M8	240	1	60	**62,09**

CORPO VALVOLA / VALVE BODY





POS.	PARTICOLARE – DETAIL	MATERIALE – MATERIAL	POS.	PARTICOLARE – DETAIL	MATERIALE – MATERIAL
1	Corpo – Body	AISI 316 – 1.4408	8	Tenuta stelo - Stem packing	PTFE
2	Tappo - Cap	AISI 316 – 1.4408	9	Dado premistoppa - Gland nut	AISI 304 – 1.4301
3	Sfera – Ball	AISI 316 – 1.4408	10	Leva – Handle	AISI 304 – 1.4301
4	Anello di sede – Ball seat	PTFE	11	Rondella "grower" – Spring washer	AISI 304 – 1.4301
5	Guarnizione - Joint gasket	PTFE	12	Dado leva – Stem Nut	AISI 304 – 1.4301
6	Stelo - Stem	AISI 316 – 1.4401	13	Copertura leva – Plastic cover	PVC
7	Rondella di spinta - Thrust washer	PTFE			

A 40 40



983

VALVOLA A SFERA 3 PZ PASSAGGIO TOTALE

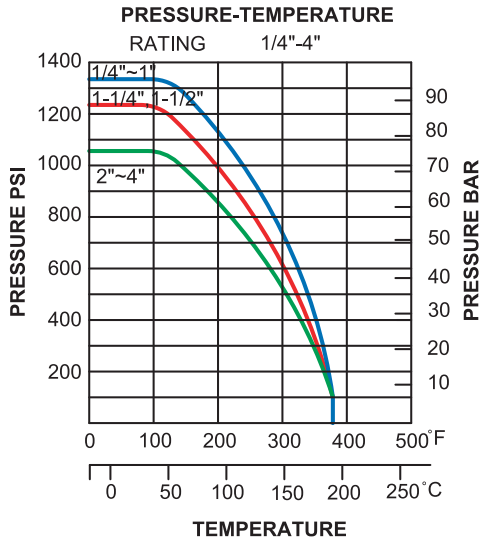
- 3-PC BALL VALVE WITH FULL PORT
- KUGELHAHN 3-TEILIG MIT VOLLEM DURCHGANG
- BOISSEAU SPHERIQUE 3 PIECES PASSAGE INTÉGRAL
- VÁLVULA DE BOLA TRES PIEZAS PASO TOTAL

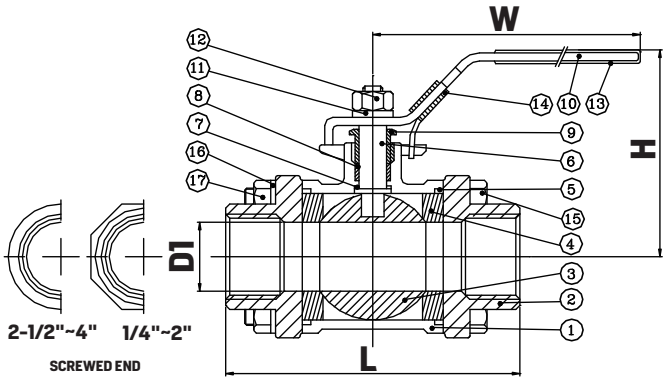
MATERIAL: AISI 316 - 1.4401 / 1.4408
THREAD: EN 10226-1 (ex ISO 7/1)
NOTE: NOT "silicone free"
NORM: flangia attuatore / flange for actuator
Flansch für Stellantrieb / bride pour actuateur / brida actuador ISO 5211

CODE	DN	DN inch	D1 mm	L mm	H mm	W mm	Kv m3/h	Bolt torque Kgf x cm	g		€
983104000	8	1/4"	11,6	58	56	98	5,7	70	430	1	**75,13**
983308000	10	3/8"	12,8	58	56	98	6,8	70	410	1	**75,13**
983102000	15	1/2"	15	62	56	98	9,6	110	540	1	**81,38**
983304000	20	3/4"	20	76	70	118	18,1	125	730	1	**111,17**
983100000	25	1"	25	85	76	143	30,1	150	1130	1	**148,20**
983114000	32	1"1/4	32	100	81	143	49,0	200	1670	1	**232,30**
983112000	40	1"1/2	38	115	92	173	68,8	250	2430	1	**324,56**
983200000	50	2"	50	132	103	173	129,0	300	3500	1	**447,35**
983212000	65	2"1/2	65	165	130	223	227,9	500	7400	1	**929,38**
983300000	80	3"	80	183	141	223	356,9	700	12400	1	**1472,57**
983400000	100	4"	100	232	170	308	670,8	1100	22000	1	**2486,35**

Kv = portata in m³/h di acqua alla temperatura tra 5°C e 30°C, con una perdita di carico di 1 bar.
Kv = water flow rate in m³/h at a temperature between 5°C and 30°C, with a pressure drop of 1 bar.

CORPO VALVOLA / VALVE BODY





POS.	PARTICOLARE – DETAIL	MATERIALE – MATERIAL	POS.	PARTICOLARE – DETAIL	MATERIALE – MATERIAL
1	Corpo – Body	AISI 316 – 1.4408	10	Leva – Handle	AISI 304 – 1.4301
2	Tappo - Cap	AISI 316 – 1.4408	11	Rondella stelo – Stem washer	AISI 304 – 1.4301
3	Sfera – Ball	AISI 316 – 1.4408	12	Dado leva – Stem Nut	AISI 304 – 1.4301
4	Anello di sede – Ball seat	PTFE	13	Copertura leva – Plastic cover	PVC
5	Guarnizione - Joint gasket	PTFE	14	Lucchetto – Lock device	AISI 304 – 1.4301
6	Stelo - Stem	AISI 316 – 1.4401	15	Bulloni - Bolt	AISI 304 – 1.4301
7	Rondella di spinta - Thrust washer	PTFE	16	Rondella "grower" – Spring washer	AISI 304 – 1.4301
8	Tenuta stelo - Stem packing	PTFE	17	Dadi - Hex nut	AISI 304 – 1.4301
9	Dado premistoppa - Gland nut	AISI 304 – 1.4301			

A 40 40



983/SW

VALVOLA A SFERA 3 PZ PASSAGGIO TOTALE SALDARE A TASCA

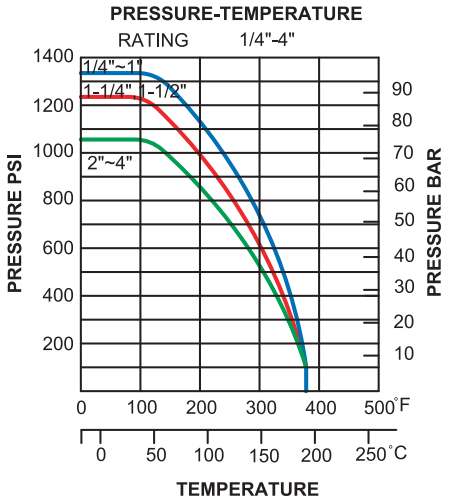
- 3-PC BALL VALVE WITH FULL PORT SOCKET WELDING
- KUGELHAHN 3-TEILIG MIT VOLLEM DURCHGANG ZUM EINSTECKSCHWEISSEN
- BOISSEAU SPHERIQUE 3 PIECÈS PASSAGE INTÉGRAL À SOUDER S.W.
- VÁLVULA DE BOLA TRES PIEZAS PARA SOLDAR PASO TOTAL

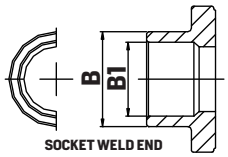
MATERIAL: AISI 316 - 1.4401 / 1.4408
NOTE: NOT "silicone free"
NORM: flangia attuatore / flange for actuator
Flansch für Stellantrieb / bride pour actuateur / brida actuador ISO 5211

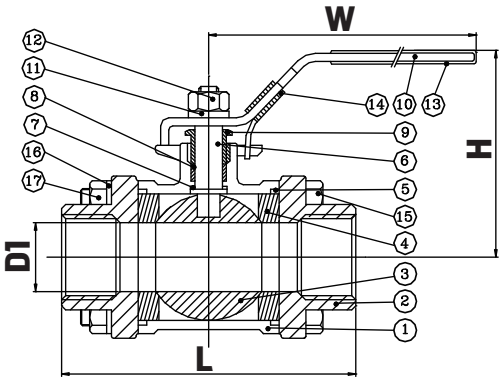
CODE	DN	DN inch	D1 mm	L mm	H mm	W mm	B mm	B1 mm	Kv m3/h	Bolt torque Kgf x cm	g		€
983104001	8	1/4"	11,6	58	56	98	19	14,1	5,7	70	430	1	**77,26**
983308001	10	3/8"	12,8	58	56	98	22,5	17,6	6,8	70	410	1	**77,26**
983102001	15	1/2"	15	62	56	98	27	21,7	9,6	100	540	1	**83,70**
983304001	20	3/4"	20	76	70	118	33	27,1	18,1	125	730	1	**114,36**
983100001	25	1"	25	85	76	143	40	33,8	30,1	150	1130	1	**152,47**
983114001	32	1"1/4	32	100	81	143	48,8	42,6	49,0	200	1670	1	**238,92**
983112001	40	1"1/2	38	115	92	173	55	48,7	68,8	250	2430	1	**333,84**
983200001	50	2"	50	132	103	173	67,2	61,1	129,0	300	3500	1	**468,68**
983212001	65	2"1/2	65	165	130	223	86,4	76,9	227,9	500	7400	1	**955,93**
983300001	80	3"	80	183	141	223	103	89,5	356,9	700	12400	1	**1514,65**
983400001	100	4"	100	232	170	308	130	115,5	670,8	1100	22000	1	**2557,37**

Kv = portata in m³/h di acqua alla temperatura tra 5°C e 30°C, con una perdita di carico di 1 bar.
Kv = water flow rate in m³/h at a temperature between 5°C and 30°C, with a pressure drop of 1 bar.

CORPO VALVOLA / VALVE BODY







POS.	PARTICOLARE – DETAIL	MATERIALE – MATERIAL	POS.	PARTICOLARE – DETAIL	MATERIALE – MATERIAL
1	Corpo – Body	AISI 316 – 1.4408	10	Leva – Handle	AISI 304 – 1.4301
2	Tappo - Cap	AISI 316 – 1.4408	11	Rondella stelo – Stem washer	AISI 304 – 1.4301
3	Sfera – Ball	AISI 316 – 1.4408	12	Dado leva – Stem Nut	AISI 304 – 1.4301
4	Anello di sede – Ball seat	PTFE	13	Copertura leva – Plastic cover	PVC
5	Guarnizione - Joint gasket	PTFE	14	Lucchetto – Lock device	AISI 304 – 1.4301
6	Stelo - Stem	AISI 316 – 1.4401	15	Bulloni - Bolt	AISI 304 – 1.4301
7	Rondella di spinta - Thrust washer	PTFE	16	Rondella "grower" – Spring washer	AISI 304 – 1.4301
8	Tenuta stelo - Stem packing	PTFE	17	Dadi - Hex nut	AISI 304 – 1.4301
9	Dado premistoppa - Gland nut	AISI 304 – 1.4301			

A 40 40



983/BW

VALVOLA A SFERA 3 PZ PASSAGGIO TOTALE SALDARE DI TESTA

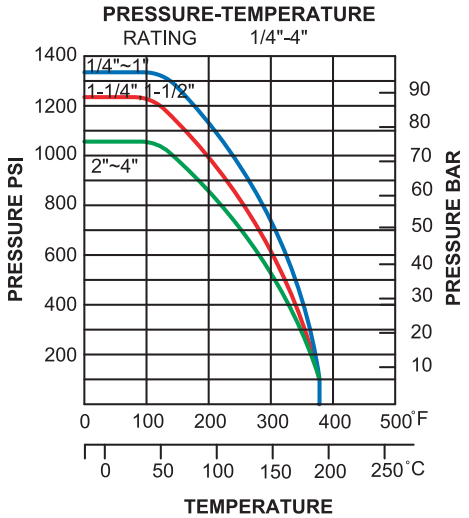
- 3-PC BALL VALVE WITH FULL PORT BUTT WELDING
- KUGELHAHN 3-TEILIG MIT VOLLEM DURCHGANG ZUM EINSTECKSCHWEISSEN
- BOISSEAU SPHERIQUE 3 PIECÈS PASSAGE INTÉGRAL À SOUDER B.W.
- VÁLVULA DE BOLA TRES PIEZAS PARA SOLDAR PASO TOTAL

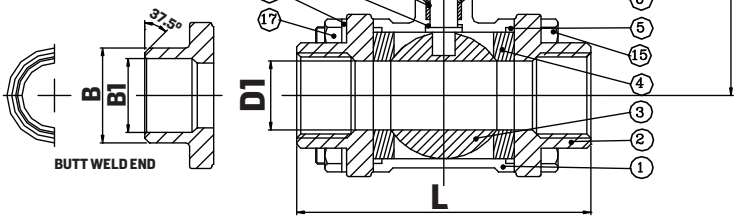
MATERIAL: AISI 316 - 1.4401 / 1.4408
NOTE: NOT "silicone free"
NORM: flangia attuatore / flange for actuator
Flansch für Stellantrieb / bride pour actuateur / brida actuador ISO 5211

CODE	DN	DN inch	D1 mm	L mm	H mm	W mm	B mm	B1 mm	Kv m3/h	Bolt torque Kgf x cm	g		€
983104002	8	1/4"	11,6	58	56	98	17,6	12	5,7	70	430	1	**77,26**
983308002	10	3/8"	12,8	58	56	98	17,6	14	6,8	70	410	1	**77,26**
983102002	15	1/2"	15	62	56	98	21,5	17,1	9,6	100	540	1	**83,70**
983304002	20	3/4"	20	76	70	118	27,1	22,5	18,1	125	730	1	**114,36**
983100002	25	1"	25	85	76	143	34	28	30,1	150	1130	1	**152,47**
983114002	32	1"1/4	32	100	81	143	42,5	35,5	49,0	200	1670	1	**238,92**
983112002	40	1"1/2	38	115	92	173	49	43	68,8	250	2430	1	**333,84**
983200002	50	2"	50	132	103	173	60,8	53	129,0	300	3500	1	**460,15**
983212002	65	2"1/2	65	165	130	223	76,2	65	227,9	500	7400	1	**955,93**
983300002	80	3"	80	183	141	223	92	80	356,9	700	12400	1	**1514,65**
983400002	100	4"	100	232	170	308	116	100	670,8	1100	22000	1	**2557,37**

Kv = portata in m³/h di acqua alla temperatura tra 5°C e 30°C, con una perdita di carico di 1 bar.
Kv = water flow rate in m³/h at a temperature between 5°C and 30°C, with a pressure drop of 1 bar.

CORPO VALVOLA / VALVE BODY



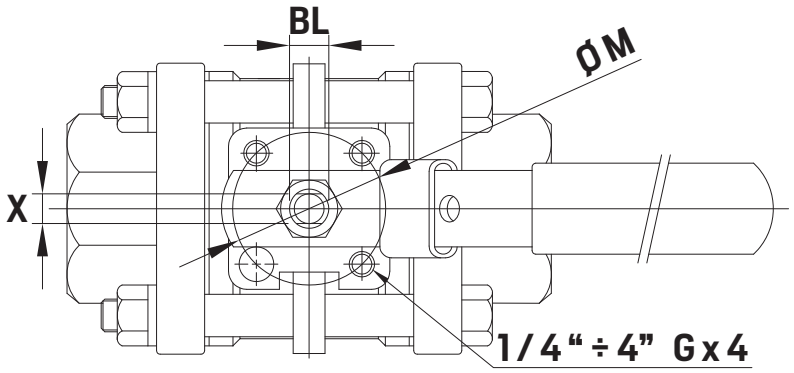


POS.	PARTICOLARE – DETAIL	MATERIALE – MATERIAL	POS.	PARTICOLARE – DETAIL	MATERIALE – MATERIAL
1	Corpo – Body	AISI 316 – 1.4408	10	Leva – Handle	AISI 304 – 1.4301
2	Tappo - Cap	AISI 316 – 1.4408	11	Rondella stelo – Stem washer	AISI 304 – 1.4301
3	Sfera – Ball	AISI 316 – 1.4408	12	Dado leva – Stem Nut	AISI 304 – 1.4301
4	Anello di sede – Ball seat	PTFE	13	Copertura leva – Plastic cover	PVC
5	Guarnizione - Joint gasket	PTFE	14	Lucchetto – Lock device	AISI 304 – 1.4301
6	Stelo - Stem	AISI 316 – 1.4401	15	Bulloni - Bolt	AISI 304 – 1.4301
7	Rondella di spinta - Thrust washer	PTFE	16	Rondella "grower" – Spring washer	AISI 304 – 1.4301
8	Tenuta stelo - Stem packing	PTFE	17	Dadi - Hex nut	AISI 304 – 1.4301
9	Dado premistoppa - Gland nut	AISI 304 – 1.4301			

ISO 5211

Dimensioni della flangia per attuatore / Flange for actuator dimensions / Abmessungen der Flansch für Stellantrieb / Dimensions de la bride pour actuateur Dimensiones de la brida del actuador.

CODES			De mm	DN inch	Flange type	X mm	BL inch	ØM	G x nº	Torque Kgf x cm
983104000	983104001	983104002	8	1/4"	F03	5	5/16"	36	M5 x 4	40
983308000	983308001	983308002	10	3/8"	F03	5	5/16"	36	M5 x 4	40
983102000	983102001	983102002	15	1/2"	F03	5	5/16"	36	M5 x 4	54
983304000	983304001	983304002	20	3/4"	F03	6,5	3/8"	36	M5 x 4	78
983100000	983100001	983100002	25	1"	F04	8	7/16"	42	M5 x 4	106
983114000	983114001	983114002	32	1"1/4	F04	8	7/16"	42	M5 x 4	150
983112000	983112001	983112002	40	1"1/2	F05	9	1/2"	50	M6 x 4	200
983200000	983200001	983200002	50	2"	F05	9	1/2"	50	M6 x 4	280
983212000	983212001	983212002	65	2"1/2	F07	12	3/4"	70	M8 x 4	500
983300000	983300001	983300002	80	3"	F10	12	3/4"	102	M10 x 4	770
983400000	983400001	983400002	100	4"	F10	16	1"	102	M10 x 4	1100



A 40 40



985

VALVOLA A SFERA FLANGIATA TIPO WAFER A PASSAGGIO TOTALE

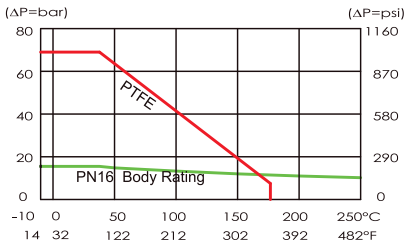
- WAFER TYPE BALL VALVE FULL PORT
- KUGELHAHN WAFER TYP MIT VOLLEM DURCHGANG
- VANNE WAFER PASSAGE INTÉGRAL
- VÁLVULA DE BOLA CON BRIDAS PASO TOTAL

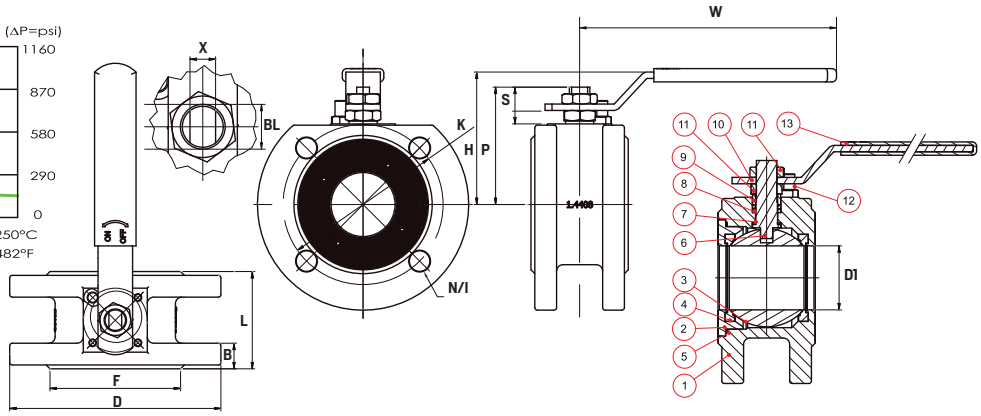
MATERIAL: AISI 316 – 1.4401 / 1.4408
NOTE: NOT "silicone free"
NORM: flangia attuatore / flange for actuator Flansch für Stellantrieb / bride pour actuateur / brida actuador ISO 5211

CODE	DN PN16	D1 mm	N/I Holes Nr.	B mm	F mm	P mm	L mm	D mm	K mm	H mm	W mm	S mm	X mm	BL	Torque Kgf x cm	g		€
985102000	1/2" - 15	16	4 - M 12 x 1,75	14	45	34,5	41	96	65	65	123	17	6,5	10	58	1470	1	**326,78**
985304000	3/4" - 20	20	4 - M 12 x 1,75	16	58	36	44	105	75	69	123	17	6,5	10	80	2070	1	**394,50**
985100000	1" - 25	25	4 - M 12 x 1,75	16	68	70	54	115	85	80	158	25	8,7	14	108	2980	1	**442,85**
985114000	1"1/4 - 32	32	4 - M 16 x 2	16	78	75	58	135	100	87	158	24	8,7	14	150	3600	1	**711,10**
985112000	1"1/2 - 40	38	4 - M 16 x 2	16	88	84	62	145	110	96	198	29	10	16	200	4000	1	**842,02**
985200000	2" - 50	50	4 - M 16 x 2	18	102	92	72	155	125	104	198	29	10	16	300	5350	1	**1095,06**
985212000	2"1/2 - 65	65	4 - M 16 x 2	18	122	101	94	185	145	122	248	36	12	20	515	9200	1	**1660,56**
985300000	3" - 80	76	8 - M 16 x 2	20	138	131	118	200	160	153	283	37	12	20	810	13500	1	**2382,58**
985400000	4" - 100	96	8 - M 16 x 2	20	158	142	140	220	180	164	333	37	12	20	1130	19340	1	**3448,76**

CORPO VALVOLA / VALVE BODY

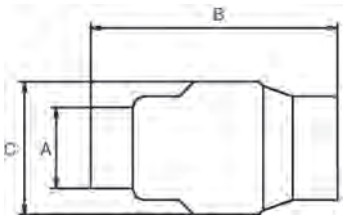
Pressure Temperature Rating





POS.	PARTICOLARE – DETAIL	MATERIALE – MATERIAL	POS.	PARTICOLARE – DETAIL	MATERIALE – MATERIAL
1	Corpo – Body	AISI 316 – 1.4408	8	Guarnizione – Stem packing	PTFE
2	Inserto – Insert	AISI 316 – 1.4401	9	Rondella alta - High washer	AISI 304 – 1.4301
3	Sfera – Ball	AISI 316 – 1.4408	10	Leva – Handle	AISI 304 – 1.4301
4	Anello di sede – Ball seat	PTFE	11	Dadi leva – Stem Nuts	AISI 304 – 1.4301
5	Guarnizione - Joint gasket	PTFE	12	Blocco - Stop	AISI 304 – 1.4301
6	Stelo - Stem	AISI 316 – 1.4401	13	Copertura leva – Plastic cover	POLIVINILE - VINYL
7	Rondella di spinta - Thrust washer	PTFE			

A 40 40





986/304

VALVOLA DI RITEGNO

- CHECK VALVE
- RÜCKSCHLAGVENTIL
- VANNE AVEC CLAPET ANTI-RETOUR
- VÁLVULA DE RETENCIÓN

MATERIAL: AISI 304 - 1.4301
NOTE: impiego acqua (no gas)

CODE	DN	DN inch	A mm	B mm	C mm	g		€
986104000	8	1/4"	18	55	32	94	1	**126,84**
986308000	10	3/8"	20	55	32	91	1	**126,84**
986102000	15	1/2"	25	55	32	93	1	**117,52**
986304000	20	3/4"	29	70	44	129	1	**145,51**
986100000	25	1"	36	84	53	191	1	**171,03**
986114000	32	1"1/4	45	99	62	281	1	**250,33**
986112000	40	1"1/2	51	119	78	388	1	**313,23**
986200000	50	2"	64	123	89	704	1	**575,09**

- Valvola di ritegno in acciaio inox tornito (Dim. 1/4" - 3/8" - 1/2")
- Valvola di ritegno in acciaio inox stampato (Dim. 3/4" - 1" - 1" 1/4 - 1" 1/2 - 2")
- Corpo e parti metalliche in acciaio inossidabile AISI 304; - Tenuta: FPM; - Connessioni filettate femmina: ISO 228/1 (ex DIN 259) femmina cilindrica;
- Pressione di apertura: max 0,03 bar - min 0,025 bar; - Pressione di lavoro: 16 bar; - Temperatura di esercizio: -20°C ÷ +150°C

- Stainless steel turned check valve (Dim. 1/4"- 3/8" - 1/2")
- Stainless steel molded check valve (Dim. 3/4"- 1" - 1"1/4 - 1"1/2 - 2")
- Body and fittings in stainless steel AISI 304; - Seal: FPM; - Threaded female: ISO 228/1 (ex DIN 259) female cylindrical;
- Opening pressure: 0,03 bar max - min 0,025 bar; - Working pressure: 16 bar; - Operating temperature: -20°C to + 150°C

CORPO VALVOLA / VALVE BODY

DIAGRAMMA PRESSIONE-TEMPERATURA (1/4"÷1/2")

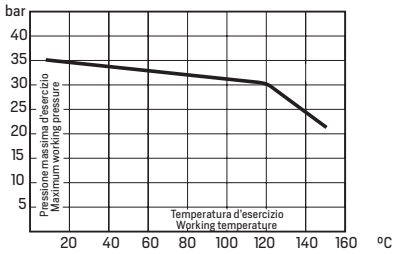
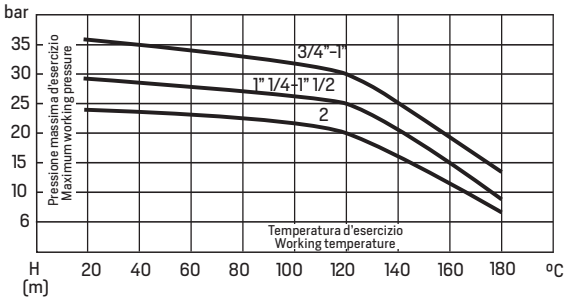
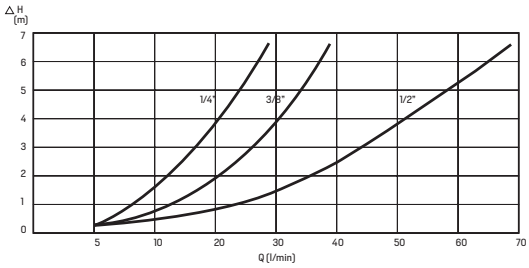


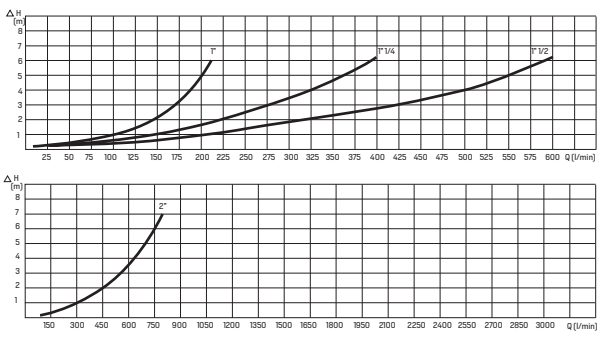
DIAGRAMMA PRESSIONE-TEMPERATURA (3/4"÷2")



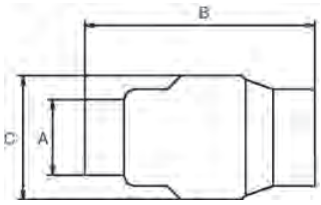
DIAGRAMMI PERDITE DI CARICO (1/4"÷1/2")



DIAGRAMMI PERDITE DI CARICO (3/4"÷2")



A 40 40





986/316

VALVOLA DI RITEGNO

- CHECK VALVE
- RÜCKSCHLAGVENTIL
- VANNE AVEC CLAPET ANTI-RETOUR
- VÁLVULA DE RETENCIÓN

MATERIAL: AISI 316 - 1.4401
NOTE: impiego acqua (no gas)

CODE	DN	DN inch	A mm	B mm	C mm		g	€
986104316	8	1/4"	18	55	32	1	94	**183,98**
986308316	10	3/8"	20	55	32	1	91	**183,98**
986102316	15	1/2"	25	55	32	1	93	**143,89**
986304316	20	3/4"	29	70	44	1	129	**179,36**
986100316	25	1"	36	84	53	1	191	**209,63**
986114316	32	1"1/4	45	99	62	1	281	**319,08**
986112316	40	1"1/2	51	119	78	1	388	**393,12**
986200316	50	2"	64	123	89	1	704	**732,97**
986212316	65	2"1/2	80	147	113	1	1425	**1110,28**
986300316	80	3"	93	166	132	1	2085	**1537,31**
986400316	100	4"	120	193	167	1	3415	**2562,06**

- Valvola di ritegno in acciaio inox tornito (Dim. 1/4" - 3/8" - 1/2")
- Valvola di ritegno in acciaio inox stampato (Dim. 3/4" - 1" - 1" 1/4 - 1" 1/2 - 2" - 2" 1/2 - 3" - 4")
- Corpo e parti metalliche in acciaio inossidabile AISI 316; - Tenuta: FPM; - Connessioni filettate femmina: ISO 228/1 (ex DIN 259) femmina cilindrica;
- Pressione di apertura: max 0,03 bar - min 0,025 bar; - Pressione di lavoro: 16 bar; - Temperatura di esercizio: -20°C ÷ +150°C

- Stainless steel turned check valve (Dim. 1/4"- 3/8" - 1/2")
- Stainless steel molded check valve (Dim. 3/4"- 1" - 1"1/4 - 1"1/2 - 2"- 2"1/2 - 3"- 4")
- Body and fittings in stainless steel AISI 316; - Seal: FPM; - Threaded female: ISO 228/1 (ex DIN 259) female cylindrical;
- Opening pressure: 0,03 bar max - min 0,025 bar; - Working pressure: 16 bar; - Operating temperature: -20°C to + 150°C

CORPO VALVOLA / VALVE BODY

DIAGRAMMA PRESSIONE-TEMPERATURA (1/4"÷1/2")

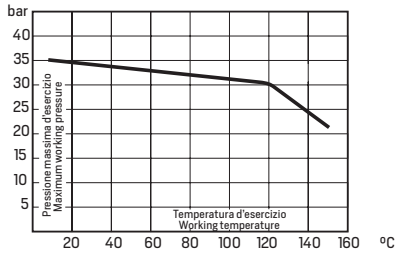
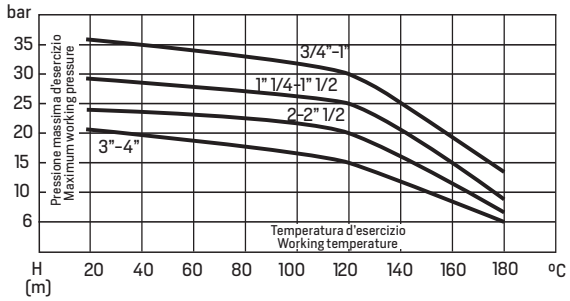
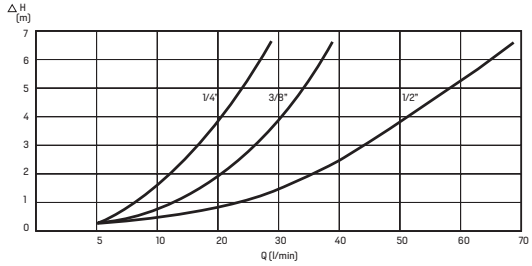


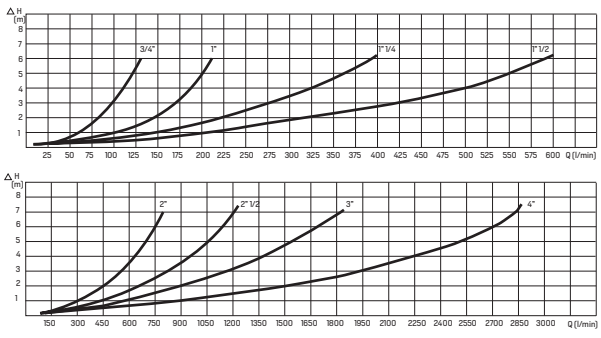
DIAGRAMMA PRESSIONE-TEMPERATURA (3/4"÷4")



DIAGRAMMI PERDITE DI CARICO (1/4"÷1/2")



DIAGRAMMI PERDITE DI CARICO (3/4"÷4")



A 40 40



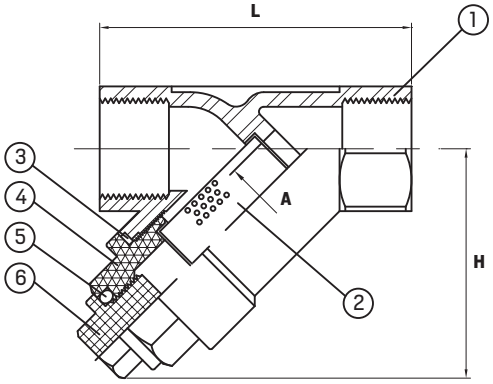
984

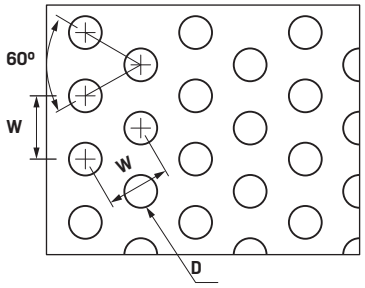
FILTRO A Y

- Y FEMALE STRAINER
- Y-FILTER MIT INNENGEWINDE
- FILTRE Y
- FILTRO "Y"

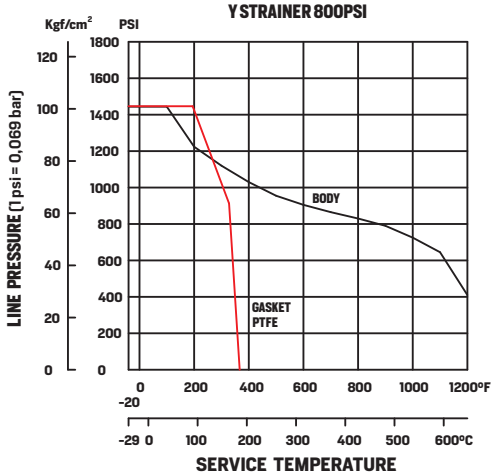
MATERIAL: AISI 316 - 1.4401 / 1.4408
THREAD: ISO 228/1 (ex DIN 259)

CODE	DN	DN inch	A mm	L mm	H mm	W mm	D mm	g		€
984102000	15	1/2"	15	65	51	2	1	250	1	**69,06**
984304000	20	3/4"	20	80	60	2	1	400	1	**84,00**
984100000	25	1"	25	90	72	2	1	700	1	**118,27**
984114000	32	1"1/4	32	105	77	2	1	900	1	**179,59**
984112000	40	1"1/2	40	120	87	2	1	1200	1	**228,71**
984200000	50	2"	50	140	103	2	1	1900	1	**342,70**





PRESSURE TEMPERATURE RATING
Y STRAINER 800PSI



VALORE CV / KV PER FILTRI A Y FILETTATI

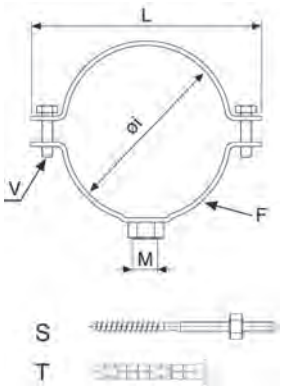
CODICE CODE	DN	CV US gallon / min	KV m³ / h
984102000	1/2"	4,55	3,91
984304000	3/4"	10,64	9,15
984100000	1"	19,72	16,96
984114000	1" 1/4	31,50	27,09
984112000	1" 1/2	46,42	39,92
984200000	2"	86,77	74,62

NOTE

Cv = portata in US galloni per minuto di acqua alla temperature di 60° F con una perdita di carico sul filtro di 1 psi.
Kv = portata in m^3/h per acqua alla temperature tra 5 e 40°C con una perdita di carico sul filtro di 1 bar
Kv = 0,86 x Cv Valvole per liquidi: Q (m^3/h) = Kv*$\sqrt{DP\ (bar)}$

POS.	PARTICOLARE – DETAIL	MATERIALE – MATERIAL
1	Corpo – Body	AISI 316 (CF8M) – 1.4408 (1.4401)
2	Filtro – Screen	AISI 316 – 1.4401
3	Guarnizione – Gasket	PTFE
4	Stelo – Bonnet	AISI 316 (CF8M) – 1.4408 (1.4401)
5	O-ring	FLUOROELASTOMERO FKM
6	Scarico – Blow off	AISI 316 (CF8M) – 1.4408 (1.4401)

A 50 50





155

COLLARE FISSAGGIO TUBO CON VITE E TASSELLO

- CLAMP WITH BOLT-WOOD SCREW AND PLUG
- ROHRSCHELLE MIT HOLZSCHRAUBE UND DÜBEL
- COLLIER DE FIXATION AVEC CHEVILLE ET VIS FER-BOIS
- ABRAZADERA CON TACO NI TORNILLO

MATERIAL: AISI 304 - 1.4301
NOTE: dado saldato con puntatura elettrica
spot welded nut

CODE	DN inch	Øi mm	M	T mm	S mm	V mm	F Lg x Sp mm	L mm	g			€
155308304	3/8"	16 - 18	M 8	10 x 70	M 8 x 90	M 6 x 20	20 x 2,5	53,5	96	1	100*	**6,53**
155102304	1/2"	20 - 22	M 8	10 x 70	M 8 x 90	M 6 x 20	20 x 2,5	58	100	1	100*	**6,53**
155304304	3/4"	25 - 28	M 8	10 x 70	M 8 x 90	M 6 x 20	20 x 2,5	63,5	106	1	100*	**7,09**
155100304	1"	31 - 35	M 8	10 x 70	M 8 x 90	M 6 x 20	20 x 2,5	70	114	1	50*	**7,88**
155114304	1"1/4	39 - 43	M 8	10 x 70	M 8 x 90	M 6 x 20	20 x 2,5	79	118	1	50*	**8,50**
155112304	1"1/2	45 - 48,5	M 8	10 x 70	M 8 x 90	M 6 x 20	20 x 2,5	85	130	1	50*	**9,11**
155054304	54 mm	54	M 8	10 x 70	M 8 x 90	M 6 x 25	20 x 2,5	94	138	1	50*	**9,92**
155200304	2"	58 - 61	M 8	10 x 70	M 8 x 90	M 6 x 20	20 x 2,5	97	144	1	50*	**9,92**
155212304	2"1/2	73 - 76,5	M 10	14 x 70	M 10 x 120	M 6 x 25	30 x 2,5	115	262	1	20*	**16,78**
155300304	3"	86 - 89	M 10	14 x 70	M 10 x 120	M 6 x 25	30 x 2,5	128	288	1	20*	**18,71**
155312304	3"1/2	99 - 103	M 10	14 x 70	M 10 x 120	M 6 x 25	30 x 2,5	148	310	1	20*	**21,59**
155400304	4"	110 - 115	M 10	14 x 70	M 10 x 120	M 6 x 25	30 x 2,5	153,5	338	1	20*	**23,98**
155500304	5"	139 - 143	M 10	14 x 70	M 10 x 120	M 6 x 25	30 x 2,5	198	398	1	10*	**31,22**
155600304	6"	166 - 170	M 10	14 x 70	M 10 x 120	M 6 x 25	30 x 2,5	230	450	1	10*	**34,90**
155800304	8"	217 - 221	M 10	14 x 70	M 10 x 120	M 6 x 25	30 x 2,5	281	560	1	10*	**43,57**

(*) unità minima di vendita / minimum selling quantity

A 50 50



158/KIT

KIT VITE FERRO-LEGNO + TASSELLO + DADO

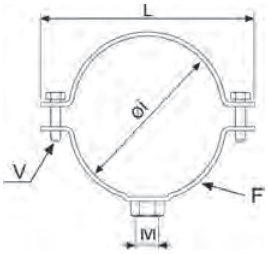
- KIT SCREW + PLUG + BACK NUT
- KIT HOLZSCHRAUBE + DÜBEL + 6-KUNT GEGENMUTTER
- KIT VIS BATTENTE + CHEVILLE + ÉCROU HEXAGONAL
- KIT TORNILLO + TACO + TUERCA HEXAGONAL

MATERIAL: AISI 304 - 1.4301

CODE	Plug	Screw	Back nut	g			€
158216008K	10 x 70	M 8 x 100	M 8	72	1 kit	200 kit*	**9,60**
158216010K	14 x 70	M 10 x 120	M 10	140	1 kit	100 kit*	**13,29**

Kit : nº 2 tasselli, nº 2 viti, nº 2 dadi
Kit : nº 2 plugs, nº 2 screws, nº 2 back nuts
(*) unità minima di vendita / minimum selling quantity

A 50 50





156/304

COLLARE FISSAGGIO TUBO

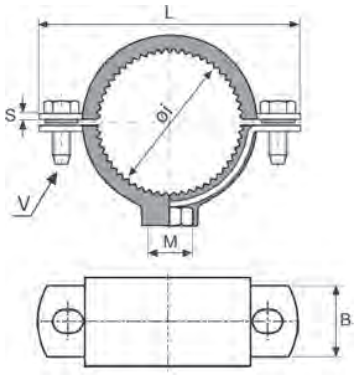
- CLAMP
- ROHRSCHELLE
- COLLIER DE FIXATION
- ABRAZADERA

MATERIAL: AISI 304 - 1.4301
NOTE: dado saldato con puntatura elettrica
spot welded nut

CODE	DN inch	DN mm	Øi mm	M	V mm	F Lg x Sp mm	L mm	g			€
156015304	15 mm	15	15	M 8	M 6 x 20	20 x 2,5	48	52	1	50*	5,99
156308304	3/8"	18	16 - 18	M 8	M 6 x 20	20 x 2,5	53,5	58	1	50*	5,99
156102304	1/2"	22	20 - 22	M 8	M 6 x 20	20 x 2,5	58	62	1	50*	5,77
156304304	3/4"	28	25 - 28	M 8	M 6 x 20	20 x 2,5	63,5	68	1	50*	5,97
156100304	1"	35	31 - 35	M 8	M 6 x 20	20 x 2,5	70	76	1	50*	6,68
156114304	1"1/4	42	39 - 43	M 8	M 6 x 20	20 x 2,5	79	88	1	50*	7,40
156112304	1"1/2	-	45 - 48,5	M 8	M 6 x 20	20 x 2,5	85	92	1	50*	7,99
156054304	54 mm	54	54	M 8	M 6 x 25	20 x 2,5	94	102	1	50*	8,70
156200304	2"	-	58 - 61	M 8	M 6 x 20	20 x 2,5	97	104	1	50*	8,70
156212304	2"1/2	76,1	73 - 76,5	M 10	M 6 x 25	30 x 2,5	115	200	1	20*	15,23
156300304	3"	88,9	86 - 89	M 10	M 6 x 25	30 x 2,5	128	221	1	20*	16,61
156312304	3"1/2	-	99 - 103	M 10	M 6 x 25	30 x 2,5	148	238	1	20*	18,85
156108304	108 mm	108	108	M 10	M 6 x 25	30 x 2,5	149	252	1	20*	19,25
156400304	4"	-	110 - 115	M 10	M 6 x 25	30 x 2,5	153,5	266	1	20*	19,25
156500304	5"	139,7	139 - 143	M 10	M 6 x 25	30 x 2,5	198	326	1	10*	27,97
156600304	6"	168,3	166 - 170	M 10	M 6 x 25	30 x 2,5	230	406	1	10*	32,04
156800304	8"	-	217 - 221	M 10	M 6 x 25	30 x 2,5	281	510	1	10*	39,55

(*) unità minima di vendita / minimum selling quantity

A 50 50





Conforme a
Conform to
Entsprechend
Correspondant
Conforme a la
DIN 4109

156/304 G

COLLARE CON GOMMA

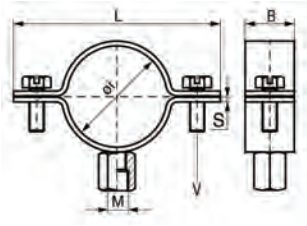
- CLAMP WITH RUBBER
- ROHRSCHELLE MIT GUMMIEINLAGE
- COLLIER DE FIXATION GARNITURE ISOPHONIQUE
- ABRAZADERA ISOFÓNICA

MATERIAL: AISI 304 - 1.4301
VULCANIZED RUBBER: EPDM (-20° C/+120° C)
durezza/hardness 55 Shore
NOTE: dado saldato con puntatura elettrica
spot welded nut

CODE	DN inch	DN mm	Øi mm	M	V mm	B mm	S mm	L mm	g			€
156150304G	-	15	15 - 18	M 8	M 6 x 20	20	2,5	58	72	1	50*	12,18
156308304G	3/8"	18	16 - 18	M 8	M 6 x 20	20	2,5	58	76	1	50*	12,18
156102304G	1/2"	22	20 - 24	M 8	M 6 x 20	20	2,5	63,5	86	1	50*	12,42
156304304G	3/4"	28	25 - 28	M 8	M 6 x 20	20	2,5	70	94	1	50*	12,91
156100304G	1"	35	31 - 35	M 8	M 6 x 20	20	2,5	79	112	1	50*	13,68
156114304G	1"1/4	42	39 - 43	M 8	M 6 x 20	20	2,5	85	120	1	50*	15,94
156112304G	1"1/2	54	47 - 54	M 8	M 6 x 25	20	2,5	97	142	1	50*	17,38
156200304G	2"	-	58 - 61	M 8	M 6 x 20	20	2,5	107	156	1	20*	18,88
156212304G	2"1/2	76,1	73 - 76,5	M 10	M 6 x 25	30	2,5	128	308	1	10*	26,40
156300304G	3"	88,9	86 - 89	M 10	M 6 x 25	30	2,5	148	346	1	10*	28,61
156400304G	4"	-	110 -115	M 10	M 6 x 25	30	2,5	166	382	1	10*	34,55

(*) unità minima di vendita / minimum selling quantity

A 50 51





156/316

COLLARE FISSAGGIO TUBO

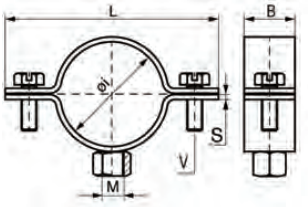
- CLAMP
- ROHRSCHELLE
- COLLIER DE FIXATION
- ABRAZADERA

MATERIAL: AISI 316 - 1.4401
NOTE: dado saldato con puntatura elettrica
spot welded nut

CODE	DN inch	DN mm	Øi mm	M	V mm	B mm	S mm	L mm	g		€
156308316	3/8"	15 - 18	15 - 18	M 8 / 10	M 6 x 16	20	2	54	56	50*	**9,23**
156102316	1/2"	22	20 - 24	M 8 / 10	M 6 x 16	20	2	62	62	50*	**9,89**
156304316	3/4"	28	26 - 30	M 8 / 10	M 6 x 16	20	2	66	64	50*	**10,37**
156100316	1"	35	32 - 36	M 8 / 10	M 6 x 20	20	2	72	70	50*	**10,78**
156114316	1"1/4	42	36 - 42	M 8 / 10	M 6 x 20	20	2	80	83	50*	**11,63**
156112316	1"1/2	-	47 - 50	M 8 / 10	M 6 x 20	20	2	87	89	50*	**12,41**
156054316	54 mm	54	51 - 55	M 8 / 10	M 6 x 20	20	2	94	94	50*	**12,88**
156200316	2"	-	60 - 64	M 8 / 10	M 6 x 20	20	2	102	102	50*	**13,74**
156070316	70 mm	-	67 - 73	M 8 / 10	M 6 x 20	20	2	118	110	20*	**15,37**
156212316	2"1/2	76,1	75 - 80	M 8 / 10	M 6 x 20	20	2	125	117	20*	**15,62**
156300316	3"	88,9	87 - 92	M 8 / 10	M 6 x 20	20	2	141	132	20*	**17,15**
156312316	3"1/2	-	99 - 105	M 8 / 10	M 6 x 20	20	2	155	143	20*	**18,66**
156108316	108 mm	108	106 - 112	M 8 / 10	M 6 x 20	20	2	162	152	20*	**19,72**
156400316	4"	-	114 - 119	M 8 / 10	M 6 x 25	20	2	171	161	20*	**21,46**
156125316	125 mm	-	124 - 131	M 8 / 10	M 6 x 25	20	2	179	179	10*	**22,80**
156160316	160 mm	-	159 - 163	M 8 / 10	M 6 x 25	20	2	211	201	10*	**26,44**
1560200316	200 mm	-	199 - 204	M 8 / 10	M 6 x 25	20	2	253	256	10*	**28,42**

(*) unità minima di vendita / minimum selling quantity

A 50 51





156/316L

COLLARE FISSAGGIO TUBO - SERIE PESANTE

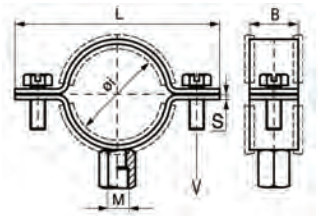
- CLAMP - HEAVY SERIES
- ROHRSCHELLE - SCHWERE SERIE
- COLLIER DE FIXATION - SÉRIE LOURDE
- ABRAZADERA - SERIE PESADA

MATERIAL: AISI 316L - 1.4404
NOTE: dado saldato con puntatura elettrica
spot welded nut

CODE	DN inch	DN mm	Øi mm	M	V mm	B mm	S mm	L mm	g		€
156500316	5"	139,7	139 - 144	M 10	M 6 x 25	20	2,5	179	210	10*	**26,41**
156600316	6"	168,3	164 - 169	M 10	M 6 x 25	20	2,5	203	240	10*	**27,93**

(*) unità minima di vendita / minimum selling quantity

A 50 51





156/316 G

COLLARE CON GOMMA

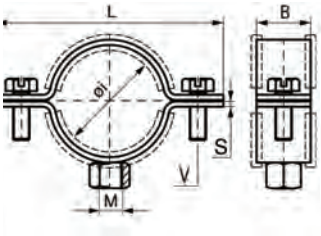
- CLAMP WITH RUBBER
- ROHRSCHELLE MIT GUMMIEINLAGE
- COLLIER DE FIXATION GARNITURE ISOPHONIQUE
- ABRAZADERA ISOFÓNICA

MATERIAL: AISI 316 - 1.4401
VULCANIZED RUBBER: EPDM (-20° C/+120° C)
NOTE: dado saldato con puntatura elettrica
spot welded nut

CODE	DN inch	DN mm	Øi mm	M	V mm	B mm	S mm	L mm	g		€
1563083 16G	3/8"	15 - 18	15 - 18	M 8 / 10	M 6 x 16	20	2	65	71	50*	**10,85**
1561023 16G	1/2"	22	20 - 24	M 8 / 10	M 6 x 16	20	2	69	77	50*	**11,44**
1563043 16G	3/4"	28	26 - 30	M 8 / 10	M 6 x 16	20	2	74	83	50*	**11,84**
1561003 16G	1"	35	32 - 36	M 8 / 10	M 6 x 20	20	2	81	91	50*	**12,75**
1561143 16G	1"1/4	42	38 - 42	M 8 / 10	M 6 x 20	20	2	89	100	50*	**13,69**
1561123 16G	1"1/2	-	47 - 50	M 8 / 10	M 6 x 20	20	2	100	111	50*	**14,76**
1560543 16G	54 mm	54	51 -55	M 8 / 10	M 6 x 20	20	2	102	120	50*	**15,48**
1562003 16G	2"	-	60 - 64	M 8 / 10	M 6 x 20	20	2	114	132	20*	**16,97**
1560703 16G	70 mm	-	67 - 73	M 8 / 10	M 6 x 20	20	2	124	147	10*	**19,14**
1562123 16G	2"1/2	76,1	75 - 80	M 8 / 10	M 6 x 20	20	2	130	154	10*	**19,82**
1563003 16G	3"	88,9	87 - 92	M 8 / 10	M 6 x 20	20	2	141	170	10*	**23,25**
1563123 16G	3"1/2	-	100 - 106	M 8 / 10	M 6 x 20	20	2	165	189	10*	**23,88**
1561083 16G	-	108	108	M 8 / 10	M 6 x 25	20	2	168	200	10*	**23,95**
1564003 16G	4"	-	114 - 119	M 8 / 10	M 6 x 25	20	2	180	210	10*	**24,71**
1561253 16G	125 mm	-	124 - 131	M 8 / 10	M 6 x 25	20	2	191	220	10*	**26,19**
1561603 16G	160 mm	-	159 - 165	M 8 / 10	M 6 x 25	20	2	217	261	10*	**30,56**

(*) unità minima di vendita / minimum selling quantity

A 50 51





156/316L G

COLLARE CON GOMMA - SERIE PESANTE

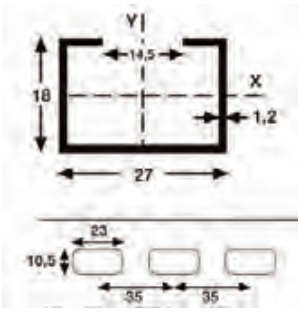
- CLAMP WITH RUBBER - HEAVY SERIES
- ROHRSCHELLE MIT GUMMIEINLAGE - SCHWERE SERIE
- COLLIER DE FIXATION GARNITURE ISOPHONIQUE - SÉRIE LOURDE
- ABRAZADERA ISOFÓNICA - SERIE PESADA

MATERIAL: AISI 316L - 1.4404
VULCANIZED RUBBER: EPDM (-20° C/+120° C)
durezza/hardness 55 Shore
NOTE: dado saldato con puntatura elettrica
spot welded nut

CODE	DN inch	DN mm	Øi mm	B mm	M	V mm	S mm	L mm	g		€
1565003 16G	5"	139,7	133 - 141	20	M 10	M 6 x 25	2,5	179	250	10*	**29,65**
1566003 16G	6"	168,3	159 - 168	25	M 10	M 8 x 35	2,5	233	470	10*	**32,50**

(*) unità minima di vendita / minimum selling quantity

A 50 50





157-P1

PROFILO 2 M

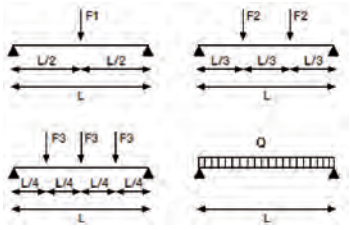
- FIXING RAIL 2 M
- MONTAGESCHIENE 2 M
- RAIL 2 M
- GUÍA PERFORADA 2 M

MATERIAL: AISI 304 - 1.4301
DIMENSION: 27 x 18 x 1,2

CODE	Section cm²	Jx cm⁴	Jy cm⁴	Wx cm³	Wy cm³	kg/m		€
157027000	0,84	0,34	0,92	0,32	0,68	0,55	6 barre	**186,06**

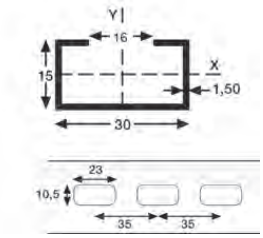
Asse di riferimento X-X
Il momento d'inerzia Jx-Jy ed i moduli di resistenza Wx-Wy sono calcolati in corrispondenza di una sezione omogenea (fori esclusi).
F1 - F2 - F3 - Q = (daN) 1 daN≈ 1 kgf Portate calcolate considerando una freccia limite = L/200.

Reference axis X-X
Moment of inertia Jx-Jy and strength modulus Wx-Wy are calculated in correspondence with homogeneous section (holes excluded).
F1 - F2 - F3 - Q = (daN) 1 daN≈ 1 kgf Loads calculation considering a limit deflection = L/200.



157027000 27x18x1,2	L (mm) 500	1000	1500	2000
F1	51	19	8	5
F2	38	11	5	3
F3	25	8	4	2
Q	101	30	14	8

A 50 50





157-P3

PROFILO 2 M

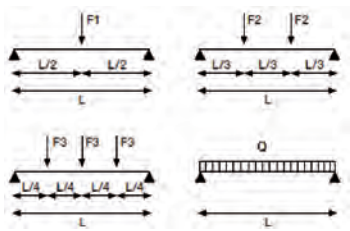
- FIXING RAIL 2 M
- MONTAGESCHIENE 2 M
- RAIL 2 M
- GUÍA PERFORADA 2 M

MATERIAL: AISI 304 - 1.4301
DIMENSION: 30 x 15 x 1,5

CODE	Section cm²	Jx cm⁴	Jy cm⁴	Wx cm³	Wy cm³	kg/m		€
157030000	0,98	0,30	1,26	0,33	0,84	0,70	6 barre	**198,43**

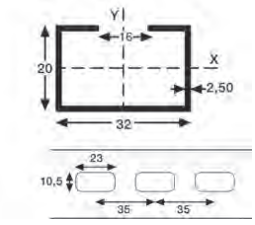
Asse di riferimento X-X
Il momento d'inerzia Jx-Jy ed i moduli di resistenza Wx-Wy sono calcolati in corrispondenza di una sezione omogenea (fori esclusi).
F1 - F2 - F3 - Q = (daN) 1 daN≈ 1 kgf Portate calcolate considerando una freccia limite = L/200.

Reference axis X-X
Moment of inertia Jx-Jy and strength modulus Wx-Wy are calculated in correspondence with homogeneous section (holes excluded).
F1 - F2 - F3 - Q = (daN) 1 daN≈ 1 kgf Loads calculation considering a limit deflection = L/200.



157030000 30x15x1,5	L (mm) 500	1000	1500	2000
F1	49	15	7	4
F2	39	9	4	2
F3	25	6	3	2
Q	98	25	11	6

A 50 50





157-P4

PROFILO 2 M

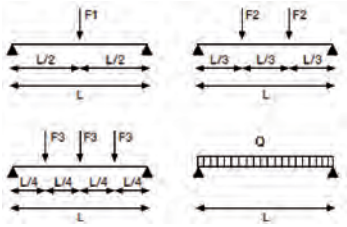
- FIXING RAIL 2 M
- MONTAGESCHIENE 2 M
- RAIL 2 M
- GUÍA PERFORADA 2 M

MATERIAL: AISI 304 - 1.4301
DIMENSION: 32 x 20 x 2,5

CODE	Section cm²	Jx cm⁴	Jy cm⁴	Wx cm³	Wy cm³	kg/m		€
157032000	1,87	0,94	2,70	0,80	1,68	1,30	6 barre	**308,10**

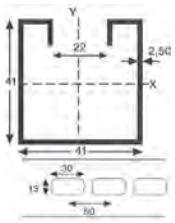
Asse di riferimento X-X
Il momento d'inerzia Jx-Jy ed i moduli di resistenza Wx-Wy sono calcolati in corrispondenza di una sezione omogenea (fori esclusi).
F1 - F2 - F3 - Q = (daN) 1 daN≈ 1 kgf Portate calcolate considerando una freccia limite = L/200.

Reference axis X-X
Moment of inertia Jx-Jy and strength modulus Wx-Wy are calculated in correspondence with homogeneous section (holes excluded).
F1 - F2 - F3 - Q = (daN) 1 daN≈ 1 kgf Loads calculation considering a limit deflection = L/200.



157032000	L (mm)			
32x20x2,5	**500**	**1000**	**1500**	**2000**
F1	117	48	21	12
F2	88	28	13	7
F3	59	20	9	5
Q	235	77	34	19

A 50 50





157-P6

PROFILO 3 M

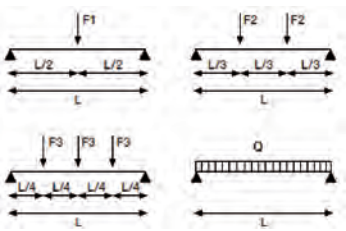
- FIXING RAIL 3 M
- MONTAGESCHIENE 3 M
- RAIL 3 M
- GUÍA PERFORADA 3 M

MATERIAL: AISI 304 - 1.4301
DIMENSION: 41 x 41 x 2,5

CODE	Section cm²	Jx cm⁴	Jy cm⁴	Wx cm³	Wy cm³	kg/m		€
157041000	3,25	6,28	9,18	2,99	4,48	2,6	5 barre	**502,24**

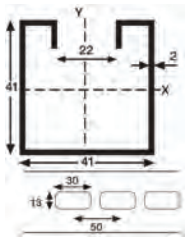
Asse di riferimento X-X
Il momento d'inerzia Jx-Jy ed i moduli di resistenza Wx-Wy sono calcolati in corrispondenza di una sezione omogenea (fori esclusi).
F1 - F2 - F3 - Q = (daN) 1 daN≈ 1 kgf Portate calcolate considerando una freccia limite = L/200.

Reference axis X-X
Moment of inertia Jx-Jy and strength modulus Wx-Wy are calculated in correspondence with homogeneous section (holes excluded).
F1 - F2 - F3 - Q = (daN) 1 daN≈ 1 kgf Loads calculation considering a limit deflection = L/200.



157041000	L (mm)				
41x41x2,5	**500**	**1000**	**1500**	**2000**	**3000**
F1	433	216	138	78	35
F2	325	162	81	46	20
F3	216	108	58	33	15
Q	866	433	221	124	55

A 50 50





157-P6 L

PROFILO 3 M

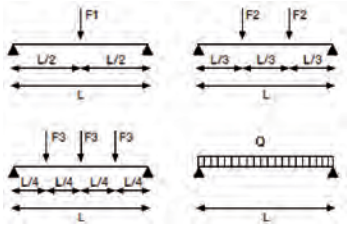
- FIXING RAIL 3 M
- MONTAGESCHIENE 3 M
- RAIL 3 M
- GUÍA PERFORADA 3 M

MATERIAL: AISI 304 - 1.4301
DIMENSION: 41 x 41 x 2

CODE	Section cm²	Jx cm⁴	Jy cm⁴	Wx cm³	Wy cm³	kg/m		€
157041001	2,63	5,26	7,60	2,50	3,71	2,06	5 barre	**436,99**

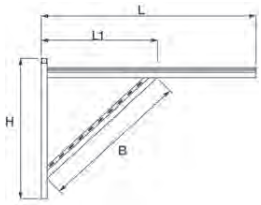
Asse di riferimento X-X
Il momento d'inerzia Jx-Jy ed i moduli di resistenza Wx-Wy sono calcolati in corrispondenza di una sezione omogenea (fori esclusi).
F1 - F2 - F3 - Q = (daN) 1 daN≈ 1 kgf Portate calcolate considerando una freccia limite = L/200.

Reference axis X-X
Moment of inertia Jx-Jy and strength modulus Wx-Wy are calculated in correspondence with homogeneous section (holes excluded).
F1 - F2 - F3 - Q = (daN) 1 daN≈ 1 kgf Loads calculation considering a limit deflection = L/200.

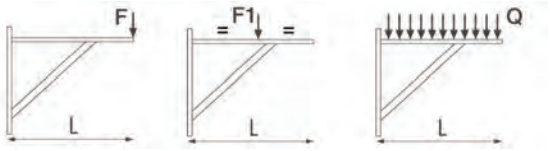


157041001 41x41x2	L (mm) 500	1000	1500	2000	3000
F1	362	181	116	65	29
F2	271	136	68	38	17
F3	181	90	49	27	12
Q	724	362	185	104	46

A 50 50







230 I

MENSOLA SALDATA A SQUADRA IN PROFILATO

- TRIANGULAR BRACKET
- UNTERSTÜTZUNG FERTIGKONSOLE
- CONSOLE AVEC RENFORCE
- SOPORTE 90º SALDADO

MATERIAL: AISI 304 - 1.4301

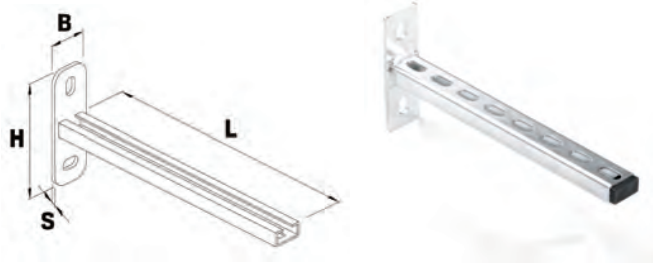
Fixing rail: 32x20x2,5

CODE	L mm	L1 mm	B mm	H mm	F daN	F1 daN	Q daN	g			€
230370304	370	200	250	275	60	600	250	1100	2	240	**148,12**
230545304	545	290	380	380	40	600	160	1500	2	165	**201,99**

MATERIALE STAFFE: acciaio inossidabile AISI 304 - 1.4301.
Raccorderie Metalliche garantisce le portate di carico fatto salvo il corretto ancoraggio alla parete. 1 DaN ≈ 1 Kgf

BRACKET MATERIAL: stainless steel AISI 304 - 1.4301.
Raccorderie Metalliche guarantees the load only in the case of a corrrect wall anchorage. 1 daN ≈ 1 kgf

A 50 50





231/32 I

MENSOLA SALDATA A PARETE 32X20X2

- WALL BRACKET
- FERTIGKONSOLE
- CONSOLE
- SOPORTE

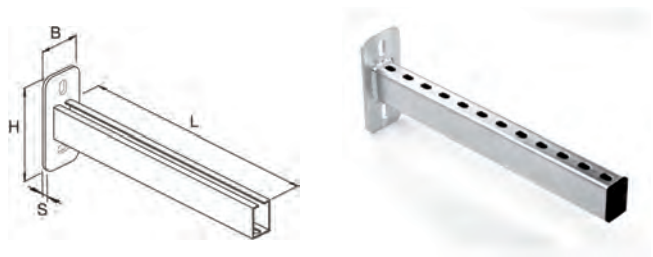
MATERIAL: AISI 304 - 1.4301

CODE	L mm	H mm	B mm	S mm	F daN	F1 daN	Q daN	g		€
231280304	280	120	40	4	33	67	67	436	10	**70,57**

Versione con tappo di testa montato.
Raccorderie Metalliche garantisce le portate di carico fatto salvo il corretto ancoraggio alla parete.
1 DaN ≈ 1 Kgf

Version with mounted head cap.
Raccorderie Metalliche guarantees the load only in the case of a corrrect wall anchorage.
1 daN ≈ 1 kgf

A 50 50





231/40 I

MENSOLA SALDATA A PARETE 32X20X2

- WALL BRACKET
- FERTIGKONSOLE
- CONSOLE
- SOPORTE

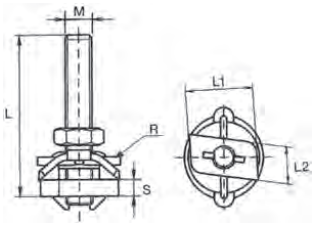
MATERIAL: AISI 304 - 1.4301

CODE	L mm	H mm	B mm	S mm	F daN	F1 daN	Q daN	g		€
231600304	600	160	80	5	75	150	150	2080	1	**282,25**

Raccorderie Metalliche garantisce le portate di carico fatto salvo il corretto ancoraggio alla parete.
1 DaN ≈ 1 Kgf

Raccorderie Metalliche guarantees the load only in the case of a corrrect wall anchorage.
1 daN ≈ 1 kgf

A 50 50





214 TM/Clip INOX

BULLONE TESTA MARTELLO CON CLIP, DADO E RONDELLA

- HAMMER HEAD BOLT WITH CLIP, NUT AND WASHER
- T-BOLZEN MIT CLIP, GEGENMUTTER UND UNTERLEGSCHEIBE VERZINKT
- BOULON POUR PROFILE AVEC CLIP
- TORNILLO GUÍA CON TUERCA Y ARANDELA

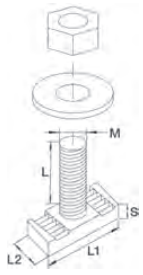
MATERIAL: AISI 316 - 1.4401

For fixing rails: 27/18 - 30/15 - 32/20

CODE	M	L mm	L1 mm	L2 mm	S mm	R mm	g			€
2140080401	M 8	40	23	13,5	5	ø 25 thk 2,5	34	10*	100	**11,99**
2140100401	M 10	40	23	13,5	5	ø 25 thk 2,5	48	10*	100	**15,87**

(*) unità minima di vendita / minimum selling quantity

A 50 50





214 TMP INOX

BULLONE TESTA MARTELLO PER PROFILO

- HAMMER HEAD BOLT FOR FIXING RAIL
- T-BOLZEN FÜR PROFIL
- BOULON POUR PROFILE
- TORNILLO GUÍA

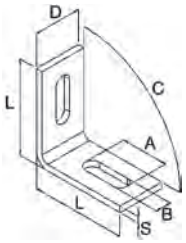
MATERIAL: AISI 304 - 1.4301

For fixing rails: 41/41

CODE	Description	M	L mm	L1 mm	L2 mm	S mm	g			€
2140080411	con dado, rondella ø 10,5-40 sp. 3 with nut, washer ø 10,5-40 thk 3	M 8	30	34	21	5	62	20*	100	**9,90**
2140100411		M 10	30	34	21	5	78	10*	100	**10,15**

(*) unità minima di vendita / minimum selling quantity

A 50 50





158/212

ANGOLARE PER PROFILO

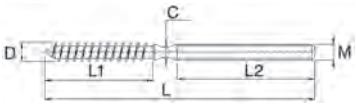
- CONNECTION PLATE
- MONTAGE-WINKEL
- EQUERRE
- ESCUADRA DE MONTAJE

MATERIAL: AISI 304 - 1.4301

For fixing rails: 27/18

CODE	L mm	S mm	A mm	B mm	degrees	D mm	g		€
158212045	50	5	25	10	135°	25	78	100	**16,37**
158212090	54	5	25	10	90°	25	78	100	**16,37**

A 50 50





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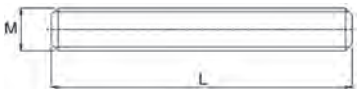
VITE FERROLEGNO

- BOLT-WOOD SCREW
- HOLZSCHRAUBE
- VIS DOUBLE FILET
- TORNILLO DOBLE ROSCA

MATERIAL: AISI 304 - 1.4301

CODE	M	L mm	L1 mm	L2 mm	C mm	D mm	g		€
158216008	M 8	100	63	23	5	8	27	100	**2,56**
158216010	M 10	120	60	45	7	10	54	100	**3,80**

A 50 50





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TRONCHETTO FILETTATO

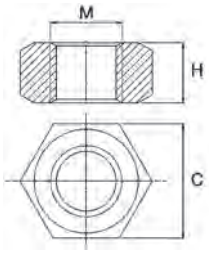
- THREADED ROD
- GEWINDESTANGE
- TIGE FILETÉE
- ESPÁRRAGO SEPARADOR

MATERIAL: AISI 304 - 1.4301

CODE	M	L mm	g			€
158219008	M 8	30	10	100*	500	**7,35**
158219010	M 10	30	14	100*	400	**9,76**

(*) unità minima di vendita / minimum selling quantity

A 50 50





158/215

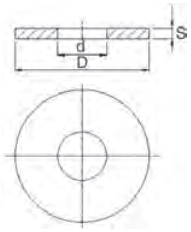
DADO ESAGONALE MEDIO

- BACK NUT
- 6-KANT GEGENMUTTER
- ÉCROU HEXAGONAL
- TUERCA HEXAGONAL

MATERIAL: AISI 304 - 1.4301

CODE	M	C mm	H mm	g		€
158215008	M 8	13	6,5	4	100	**2,15**
158215010	M 10	17	8	10	100	**2,40**

A 50 50





158/218

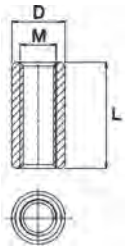
RONDELLA PIANA

- WASHER
- UNTERLEGSCHEIBE
- RONDELLE
- ARANDELA PLANA

NORM: DIN 9021
MATERIAL: AISI 304 - 1.4301

CODE	M	D mm	d mm	S mm	g		€
158218008	M 8	24	8,4	2	4	100	1,85
158218010	M 10	30	10,5	2,5	12	100	2,33

A 50 50





158/220

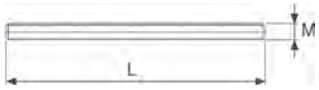
MANICOTTO DI CONGIUNZIONE

- STUD CONNECTOR
- EINSCHLAGANKER
- RACCORD DE JONCTION FF
- MANGUITO SEPARADOR

MATERIAL: AISI 304 - 1.4301

CODE	M	D mm	L mm	g		€
158220008	M 8	11	30	12	100	5,90
158220010	M 10	13	30	15	100	6,10

A 50 50





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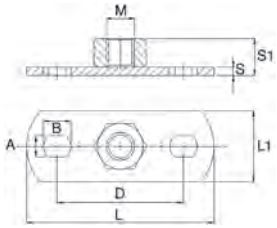
BARRA FILETTATA

- THREADED ROD
- GEWINDESTANGE
- TIGE FILETÉE
- VARILLA ROSCADA

MATERIAL: AISI 304 - 1.4301

CODE	M	L mm	g		€
158264008	M 8	1000	312	50	26,97
158264010	M 10	1000	494	25	42,43

A 50 50





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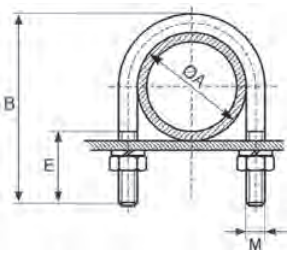
FLANGIA A MURO

- FIXING FLANGE
- WANDFLANSCHE
- BASE (POINT FIXE) DE FIXATION
- PLETINA FIJACIÓN

MATERIAL: AISI 304 - 1.4301

CODE	M	L mm	L1 mm	S mm	S1 mm	D mm	A x B mm	g		€
158263008	M 8	70	20	2	8,5	53	6,5 x 8,5	26	100	7,19
158263010	M 10	70	20	2	10	53	6,5 x 8,5	30	100	8,38

A 50 50





159

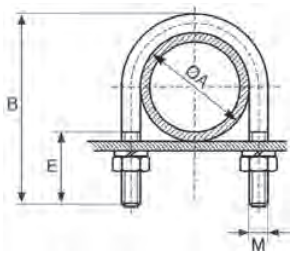
CAVALLOTTO PER FISSAGGIO TUBI

- U-BOLT CLAMP
- RUNDSTAHLBÜGEL
- ÉTRIER AVEC ECROUS
- ABARCON

MATERIAL: AISI 304 - 1.4301
NOTE: dado/back nut DIN 934
rondella/washer "grover"

CODE	DN inch	M	A mm	B mm	E mm	g		€
159308304	3/8"	M 6	18	50	35	25	100	**4,38**
159102304	1/2"	M 6	22	53	35	27	100	**4,58**
159304304	3/4"	M 6	28	59	35	31	100	**5,04**
159100304	1"	M 6	34	65	35	34	100	**5,31**
159114304	1"1/4	M 6	43	74	35	39	100	**5,52**
159112304	1"1/2	M 8	49	85	40	80	100	**6,49**
159200304	2"	M 8	61	99	40	94	50	**10,85**
159212304	2"1/2	M 8	77	113	40	109	50	**12,69**
159300304	3"	M 8	90	126	40	122	50	**14,12**
159400304	4"	M 10	115	155	40	235	25	**21,33**
159500304	5"	M 10	144	184	40	281	25	**27,03**
159600304	6"	M 10	170	210	40	323	25	**30,88**
159800304	8"	M 10	221	259	40	401	25	**37,69**
1591000304	10"	M 10	275	313	40	487	25	**43,46**

A 50 50





159/M

CAVALLOTTO PER FISSAGGIO TUBI

- U-BOLT CLAMP
- RUNDSTAHLBÜGEL
- ÉTRIER AVEC ECROUS
- ABARCON

MATERIAL: AISI 304 - 1.4301
NOTE: dado/back nut DIN 934
rondella/washer "grover"

CODE	D mm	M	A mm	B mm	E mm	g		€
1590038304	38	M 6	39	70	35	37	100	**6,47**
1590054304	54	M 8	55	97	40	91	50	**11,29**
1590065304	65	M 8	66	99	40	95	50	**12,38**
1590070304	70	M 8	71	102	40	98	50	**12,74**
1590084304	84	M 8	85	117	40	113	50	**15,14**
1590104304	104	M 10	105	149	40	224	25	**25,00**
1590129304	129	M 10	130	170	40	259	25	**29,74**
1590154304	154	M 10	155	194	40	297	25	**33,44**
1590204304	204	M 10	206	244	40	377	25	**39,94**
1590254304	254	M 10	256	294	40	456	25	**47,73**
1590304304	304	M 10	306	344	50	536	25	**54,73**
1590354304	354	M 10	356	407	50	627	25	**65,63**

NOTE



Raccordi a saldare e filettati in acciaio al carbonio

CARBON STEEL WELDING AND THREADED FITTINGS

SCHWEISS-UND GEWINDEFITTTINGE AUS STAHL

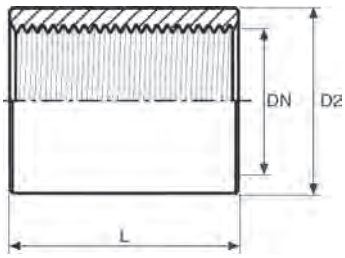
RACCORDS EN ACIER FILETÉS ET À SOUDER

RACORES A SOLDAR Y ROSCAR EN ACERO AL CARBONO

Certificazioni / Certifications

	TÜV SÜD	QUALITY ASSURANCE SYSTEM IN ACCORDANCE WITH PRESSURE EQUIPMENT DIRECTIVE 2014/68/EU	DGR-0036-QS-W 192/2003/MUC-002
	ÉMI	RACCORDERIE METALLICHE S.P.A. ÁLTAL GYÁRTOTT ACÉL HEGESZTHETŐ IDOMOK, CSŐÍVEK, MENETES VÉGEK	A-43/2017

R 10 11





268/Z

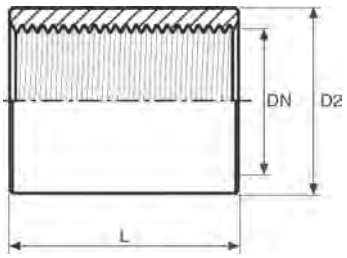
MANICOTTO ZINCATO

- GALVANIZED SOCKET
- MUFFE G. L. VERZINKT
- MANCHON GALVANISÉ
- MANGUITO GALVANIZADO

TYPE: International Nr. 16
MATERIAL: P235TR1 - S235 (R.St.37.0)
NORM: UNI / DIN EN 10241 (ex DIN 2986)
THREAD: EN 10226-1 (ex ISO 7/1)

CODE	DN	DN inch	D2 mm	L min mm	g			€
268108001	6	1/8"	14	17	12	200	-	**1,58**
268104001	8	1/4"	18,5	25	23	200	-	**1,40**
268308001	10	3/8"	21,3	26	33	150	-	**1,40**
268102001	15	1/2"	26,4	34	63	150	14400	**1,58**
268304001	20	3/4"	31,8	36	80	150	8400	**2,06**
268100001	25	1"	39,5	43	142	100	5600	**3,07**
268114001	32	1"1/4	48,3	48	189	50	2800	**4,83**
268112001	40	1"1/2	54,5	48	220	40	2240	**5,96**
268200001	50	2"	66,3	56	320	25	1400	**8,21**
268212001	65	2"1/2	82	65	530	6	-	**12,88**
268300001	80	3"	95	71	680	6	-	**18,21**
268400001	100	4"	122	83	1100	6	-	**35,59**
268500001	125	5"	147	92	1531	4	-	**88,44**
268600001	150	6"	174	92	2212	2	-	**162,30**

R 10 11





268/N

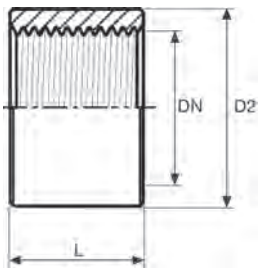
MANICOTTO NERO

- BLACK SOCKET
- MUFFE G. L. SCHWARZ
- MANCHON NOIR
- MANGUITO NEGRO

TYPE: International Nr. 16
MATERIAL: P235TR1 - S235 (R.St.37.0)
NORM: UNI / DIN EN 10241 (ex DIN 2986)
THREAD: EN 10226-1 (ex ISO 7/1)

CODE	DN	DN inch	D2 mm	L min mm	g			€
268108000	6	1/8"	14	17	12	200	-	**1,49**
268104000	8	1/4"	18,5	25	23	200	-	**1,24**
268308000	10	3/8"	21,3	26	33	150	-	**1,29**
268102000	15	1/2"	26,4	34	63	150	14400	**1,32**
268304000	20	3/4"	31,8	36	80	150	8400	**1,73**
268100000	25	1"	39,5	43	142	100	5600	**2,61**
268114000	32	1"1/4	48,3	48	189	50	2800	**4,03**
268112000	40	1"1/2	54,5	48	220	40	2240	**4,99**
268200000	50	2"	66,3	56	320	25	1400	**6,79**
268212000	65	2"1/2	82	65	530	6	-	**10,77**
268300000	80	3"	95	71	680	6	-	**15,21**
268400000	100	4"	122	83	1100	6	-	**29,45**
268500000	125	5"	147	92	1531	4	-	**73,10**
268600000	150	6"	174	92	2212	2	-	**134,01**

R 10 11





268/M

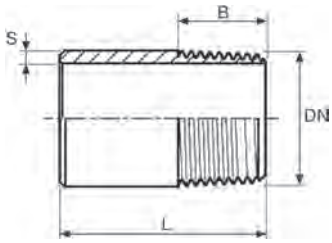
MEZZO MANICOTTO NERO

- BLACK HALF SOCKET
- MUFFE H. L. SCHWARZ
- DEMI MANCHON NOIR
- MEDIO MANGUITO NEGRO

MATERIAL: P235TR1 - S235 (R.St.37.0)
NORM: UNI / DIN EN 10241 (ex DIN 2986)
THREAD: EN 10226-1 (ex ISO 7/1)

CODE	DN	DN inch	D2 mm	L min mm	g		€
268104102	8	1/4"	18,5	11	10	500	**1,11**
268308102	10	3/8"	21,3	12	16	500	**1,16**
268102120	15	1/2"	26,4	15	28	300	**1,23**
268304102	20	3/4"	31,8	17	36	150	**1,67**
268100102	25	1"	39,5	19,5	64	100	**2,39**
268114102	32	1"1/4	48,3	22	90	50	**3,34**
268112102	40	1"1/2	54,5	22	104	40	**4,17**
268200102	50	2"	66,3	26	150	20	**5,77**
268212102	65	2"1/2	82	30,5	245	12	**9,08**
268300102	80	3"	95	34	320	12	**12,92**
268400102	100	4"	122	40	530	12	**25,04**

R 10 12





600

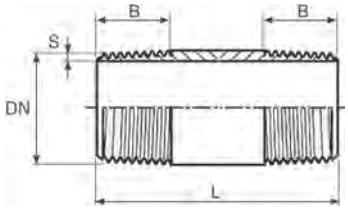
TRONCHETTO NERO

- BLACK WELDING NIPPLE
- ANSCHWEISSENDE SCHWARZ
- DEMI MAMELON NOIR
- CARRETE NEGRO ROSCADO

MATERIAL: P235TR1 - S235 (R.St.37.0)
NORM: UNI / DIN EN 10241 (ex DIN 2982)
THREAD: EN 10226-1 (ex ISO 7/1)

CODE	DN	DN inch	DN mm	L mm	B mm	S mm	g		€
600308100	10	3/8"	17	100	11	2	76	30	**2,22**
600102100	15	1/2"	21,2		14	2,3	100	30	**2,34**
600304100	20	3/4"	26,9		16	2,3	135	30	**2,74**
600100100	25	1"	33,7		18	2,9	210	20	**3,78**
600114100	32	1"1/4	42,4		20	2,9	260	16	**5,00**
600112100	40	1"1/2	48,3		22	2,9	310	16	**5,81**
600200100	50	2"	60,3		24	3,2	410	12	**7,10**
600212100	65	2"1/2	76,1		25	3,6	530	10	**14,74**
600300100	80	3"	88,9		30	3,6	670	6	**16,98**
600400100	100	4"	114,3		35	4,2	960	6	**28,44**
600500100	125	5"	139,7		40	5	1475	4	**82,07**
600600100	150	6"	168,3		40	6,5	1790	4	**99,67**
600308150	10	3/8"	17	150	11	2	100	15	**3,29**
600102150	15	1/2"	21,2		14	2,3	160	15	**3,54**
600304150	20	3/4"	26,9		16	2,3	202	15	**4,05**
600100150	25	1"	33,7		18	2,9	310	10	**5,80**
600114150	32	1"1/4	42,4		20	2,9	400	8	**7,30**
600112150	40	1"1/2	48,3		22	2,9	430	8	**8,48**
600200150	50	2"	60,3		24	3,2	640	6	**10,72**
600212150	65	2"1/2	76,1		25	3,6	840	5	**17,72**
600300150	80	3"	88,9		30	3,6	1010	4	**21,72**
600400150	100	4"	114,3		35	4,2	1640	6	**36,87**
600500150	125	5"	139,7		40	5	2420	4	**95,13**
600600150	150	6"	168,3		40	6,5	3050	4	**113,98**
600308200	10	3/8"	17	200	11	2	150	15	**4,21**
600102200	15	1/2"	21,2		14	2,3	230	15	**4,30**
600304200	20	3/4"	26,9		16	2,3	270	15	**5,09**
600100200	25	1"	33,7		18	2,9	430	10	**6,61**
600114200	32	1"1/4	42,4		20	2,9	530	8	**8,63**
600112200	40	1"1/2	48,3		22	2,9	600	8	**10,48**
600200200	50	2"	60,3		24	3,2	870	6	**13,14**
600212200	65	2"1/2	76,1		25	3,6	1180	5	**21,98**
600300200	80	3"	88,9		30	3,6	1400	4	**27,02**
600400200	100	4"	114,3		35	4,2	2180	6	**43,86**
600500200	125	5"	139,7		40	5	3130	4	**109,26**
600600200	150	6"	168,3		40	6,5	4840	2	**129,37**

R 10 13





530/N

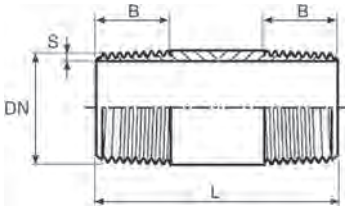
VITE DI ALLUNGAMENTO BARILOTTO NERO

- BLACK BARREL NIPPLE
- ROHRDOPPELNIPPEL SCHWARZ
- MAMELON NOIR
- CARRETE DE PROLONGACIÓN NEGRO

TYPE: International Nr. 23
MATERIAL: P235TR1 - S235 (R.St.37.0)
NORM: UNI / DIN EN 10241 (ex DIN 2982)
THREAD: EN 10226-1 (ex ISO 7/1)

CODE	DN	DN inch	DN mm	L mm	B mm	S mm	g		€
530308040	10	3/8"	17	40	11	2	35	10	**3,24**
530102040	15	1/2"	21,2		14	2,3	50	10	**1,99**
530304040	20	3/4"	26,9		16	2,3	63	10	**2,03**
530100040	25	1"	33,7		18	2,9	91	20	**2,75**
530114040	32	1"1/4	42,4		20	2,9	128	20	**3,91**
530112040	40	1"1/2	48,3		22	2,9	147	20	**4,77**
530308050	10	3/8"	17	50	11	2	47	10	**3,48**
530102050	15	1/2"	21,2		14	2,3	61	10	**2,01**
530304050	20	3/4"	26,9		16	2,3	73	10	**2,00**
530100050	25	1"	33,7		18	2,9	112	20	**2,77**
530114050	32	1"1/4	42,4		20	2,9	146	20	**3,84**
530112050	40	1"1/2	48,3		22	2,9	162	20	**4,24**
530308060	10	3/8"	17	60	11	2	55	10	**2,98**
530102060	15	1/2"	21,2		14	2,3	72	10	**2,13**
530304060	20	3/4"	26,9		16	2,3	92	10	**2,24**
530100060	25	1"	33,7		18	2,9	132	20	**3,10**
530114060	32	1"1/4	42,4		20	2,9	185	20	**4,26**
530112060	40	1"1/2	48,3		22	2,9	212	20	**4,77**
530200060	50	2"	60,3		24	3,2	296	20	**6,57**
530102070	15	1/2"	21,2	70	14	3	82	30	**2,38**
530304070	20	3/4"	26,9		16	2,3	106	30	**2,65**
530100070	25	1"	33,7		18	2,9	152	20	**3,65**
530308080	10	3/8"	17	80	11	2	72	10	**2,98**
530102080	15	1/2"	21,2		14	2,3	93	30	**2,25**
530304080	20	3/4"	26,9		16	2,3	120	30	**2,55**
530100080	25	1"	33,7		18	2,9	172	20	**3,18**
530114080	32	1"1/4	42,4		20	2,9	241	16	**4,32**
530112080	40	1"1/2	48,3		22	2,9	277	16	**5,16**
530200080	50	2"	60,3		24	3,2	388	12	**7,94**
530212080	65	2"1/2	76,1		25	3,6	553	10	**15,40**
530300080	80	3"	88,9		30	3,6	650	6	**17,35**
530400080	100	4"	114,3		35	4,2	1028	6	**30,76**

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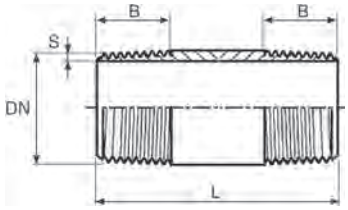
VITE DI ALLUNGAMENTO BARILOTTO NERO

- BLACK BARREL NIPPLE
- ROHRDOPPELNIPPEL SCHWARZ
- MAMELON NOIR
- CARRETE DE PROLONGACIÓN NEGRO

TYPE: International Nr. 23
MATERIAL: P235TR1 - S235 (R.St.37.0)
NORM: UNI / DIN EN 10241 (ex DIN 2982)
THREAD: EN 10226-1 (ex ISO 7/1)

CODE	DN	DN inch	DN mm	L mm	B mm	S mm	g		€
530308100	10	3/8"	17	100	11	2	89	30	**3,10**
530102100	15	1/2"	21,2		14	2,3	116	30	**2,26**
530304100	20	3/4"	26,9		16	2,3	148	30	**2,60**
530100100	25	1"	33,7		18	2,9	213	20	**3,38**
530114100	32	1"1/4	42,4		20	2,9	298	16	**4,84**
530112100	40	1"1/2	48,3		22	2,9	342	16	**5,70**
530200100	50	2"	60,3		24	3,2	479	12	**8,13**
530212100	65	2"1/2	76,1		25	3,6	684	10	**15,73**
530300100	80	3"	88,9		30	3,6	803	6	**17,93**
530400100	100	4"	114,3		35	4,2	1271	6	**32,57**
530308120	10	3/8"	17	120	11	2	106	15	**3,67**
530102120	15	1/2"	21,2		14	2,3	138	15	**2,54**
530304120	20	3/4"	26,9		16	2,3	176	15	**3,21**
530100120	25	1"	33,7		18	2,9	254	10	**4,19**
530114120	32	1"1/4	42,4		20	2,9	355	8	**5,77**
530112120	40	1"1/2	48,3		22	2,9	408	8	**7,19**
530200120	50	2"	60,3		24	3,2	570	6	**9,64**
530212120	65	2"1/2	76,1		25	3,6	814	5	**17,94**
530300120	80	3"	88,9		30	3,6	918	4	**22,62**
530400120	100	4"	114,3		35	4,2	1513	6	**39,98**
530102140	15	1/2"	21,2	140	14	2,3	160	15	**3,07**
530304140	20	3/4"	26,9		16	2,3	204	15	**3,75**
530100140	25	1"	33,7		18	2,9	294	10	**5,10**
530308150	10	3/8"	17	150	11	2	132	15	**4,03**
530102150	15	1/2"	21,2		14	2,3	171	15	**2,82**
530304150	20	3/4"	26,9		16	2,3	219	15	**3,43**
530100150	25	1"	33,7		18	2,9	315	10	**4,62**
530114150	32	1"1/4	42,4		20	2,9	440	8	**5,95**
530112150	40	1"1/2	48,3		22	2,9	505	8	**7,96**
530200150	50	2"	60,3		24	3,2	707	6	**10,40**
530212150	65	2"1/2	76,1		25	3,6	1009	5	**18,30**
530300150	80	3"	88,9		30	3,6	1186	4	**24,44**
530400150	100	4"	114,3		35	4,2	1876	6	**37,83**
530102160	15	1/2"	21,2	160	14	2,3	182	15	**3,49**
530304160	20	3/4"	26,9		16	2,3	233	15	**4,22**
530100160	25	1"	33,7		18	2,9	335	10	**5,69**
530102180	15	1/2"	21,2	180	14	2,3	203	15	**3,57**
530304180	20	3/4"	26,9		16	2,3	261	15	**4,41**
530100180	25	1"	33,7		18	2,9	376	10	**5,87**

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530/N

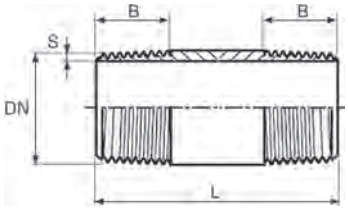
VITE DI ALLUNGAMENTO BARILOTTO NERO

- BLACK BARREL NIPPLE
- ROHRDOPPELNIPPEL SCHWARZ
- MAMELON NOIR
- CARRETE DE PROLONGACIÓN NEGRO

TYPE: International Nr. 23
MATERIAL: P235TR1 - S235 (R.St.37.0)
NORM: UNI / DIN EN 10241 (ex DIN 2982)
THREAD: EN 10226-1 (ex ISO 7/1)

CODE	DN	DN inch	DN mm	L mm	B mm	S mm	g		€
530308200	10	3/8"	17		11	2	174	15	**4,77**
530102200	15	1/2"	21,2		14	2,3	225	15	**3,43**
530304200	20	3/4"	26,9		16	2,3	289	15	**4,08**
530100200	25	1"	33,7		18	2,9	416	10	**5,85**
530114200	32	1"1/4	42,4	200	20	2,9	582	8	**7,83**
530112200	40	1"1/2	48,3		22	2,9	668	8	**9,18**
530200200	50	2"	60,3		24	3,2	935	6	**12,01**
530212200	65	2"1/2	76,1		25	3,6	1180	5	**21,09**
530300200	80	3"	88,9		30	3,6	1568	4	**26,84**
530400200	100	4"	114,3		35	4,2	2481	6	**42,20**
530308250	10	3/8"	17		11	2	217	15	**7,07**
530102250	15	1/2"	21,2		14	2,3	281	15	**5,44**
530304250	20	3/4"	26,9		16	2,3	360	15	**5,98**
530100250	25	1"	33,7		18	2,9	518	10	**7,94**
530114250	32	1"1/4	42,4	250	20	2,9	724	8	**10,39**
530112250	40	1"1/2	48,3		22	2,9	831	8	**12,69**
530200250	50	2"	60,3		24	3,2	1163	6	**16,13**
530212250	65	2"1/2	76,1		25	3,6	1660	5	**25,89**
530300250	80	3"	88,9		30	3,6	1951	4	**30,84**
530400250	100	4"	114,3		35	4,2	3086	4	**49,86**
530308300	10	3/8"	17		11	2	259	15	**7,93**
530102300	15	1/2"	21,2		14	2,3	336	15	**5,62**
530304300	20	3/4"	26,9		16	2,3	430	15	**6,42**
530100300	25	1"	33,7		18	2,9	619	10	**8,78**
530114300	32	1"1/4	42,4	300	20	2,9	866	8	**12,20**
530112300	40	1"1/2	48,3		22	2,9	994	8	**14,49**
530200300	50	2"	60,3		24	3,2	1391	6	**18,05**
530212300	65	2"1/2	76,1		25	3,6	1953	5	**30,45**
530300300	80	3"	88,9		30	3,6	2666	4	**36,42**
530400300	100	4"	114,3		35	4,2	3691	4	**55,69**
530102400	15	1/2"	21,2		14	2,3	450	10	**7,28**
530304400	20	3/4"	26,9	400	16	2,3	590	10	**8,61**
530100400	25	1"	33,7		18	2,9	826	5	**11,87**
530102500	15	1/2"	21,2		14	2,3	555	10	**8,72**
530304500	20	3/4"	26,9	500	16	2,3	740	10	**10,40**
530100500	25	1"	33,7		18	2,9	1033	5	**14,94**

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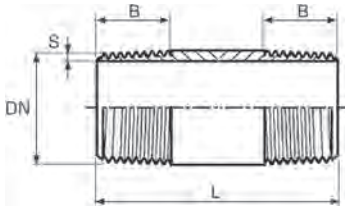
VITE DI ALLUNGAMENTO BARILOTTO ZINCATO

- GALVANISED BARREL NIPPLE
- ROHRDOPPELNIPPEL VERZINKT
- MAMELON GALVANISÉ
- CARRETE DE PROLONGACIÓN GALVANIZADO

TYPE: International Nr. 23
MATERIAL: P235TR1 - S235 (R.St.37.0)
NORM: UNI / DIN EN 10241 (ex DIN 2982)
THREAD: EN 10226-1 (ex ISO 7/1)
GALVANIZATION: EN 10240 A1

CODE	DN	DN inch	DN mm	L mm	B mm	S mm	g		€
530308043	10	3/8"	17		11	2	35	10	**2,60**
530102043	15	1/2"	21,2		14	2,3	50	10	**2,50**
530304043	20	3/4"	26,9		16	2,3	63	10	**2,79**
530100043	25	1"	33,7	40	18	2,9	91	20	**3,25**
530114043	32	1"1/4	42,4		20	2,9	128	20	**4,40**
530112043	40	1"1/2	48,3		22	2,9	147	20	**5,27**
530200043	50	2"	60,3		24	3,2	205	20	**6,11**
530308053	10	3/8"	17		11	2	47	10	**4,93**
530102053	15	1/2"	21,2		14	2,3	61	10	**2,52**
530304053	20	3/4"	26,9		16	2,3	73	10	**2,79**
530100053	25	1"	33,7	50	18	2,9	112	20	**3,57**
530114053	32	1"1/4	42,4		20	2,9	146	20	**4,83**
530112053	40	1"1/2	48,3		22	2,9	162	20	**5,48**
530200053	50	2"	60,3		24	3,2	251	20	**6,25**
530308063	10	3/8"	17		11	2	55	10	**3,07**
530102063	15	1/2"	21,2		14	2,3	72	10	**2,21**
530304063	20	3/4"	26,9		16	2,3	92	10	**2,48**
530100063	25	1"	33,7	60	18	2,9	132	20	**3,25**
530114063	32	1"1/4	42,4		20	2,9	185	20	**4,28**
530112063	40	1"1/2	48,3		22	2,9	212	20	**4,92**
530200063	50	2"	60,3		24	3,2	296	20	**7,22**
530308073	10	3/8"	17		11	2	64	10	**3,36**
530102073	15	1/2"	21,2		14	2,3	82	30	**2,49**
530304073	20	3/4"	26,9		16	2,3	106	30	**3,01**
530100073	25	1"	33,7	70	18	2,9	152	20	**4,22**
530114073	32	1"1/4	42,4		20	2,9	213	20	**4,71**
530112073	40	1"1/2	48,3		22	2,9	244	20	**5,47**
530200073	50	2"	60,3		24	3,2	315	20	**7,90**
530308083	10	3/8"	17		11	2	72	10	**3,29**
530102083	15	1/2"	21,2		14	2,3	93	30	**2,16**
530304083	20	3/4"	26,9		16	2,3	120	30	**2,60**
530100083	25	1"	33,7		18	2,9	172	20	**3,67**
530114083	32	1"1/4	42,4	80	20	2,9	241	16	**4,77**
530112083	40	1"1/2	48,3		22	2,9	277	16	**5,43**
530200083	50	2"	60,3		24	3,2	388	12	**7,92**
530212083	65	2"1/2	76,1		25	3,6	553	10	**15,55**
530300083	80	3"	88,9		30	3,6	650	6	**17,67**
530400083	100	4"	114,3		35	4,2	1028	6	**31,86**

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530/Z

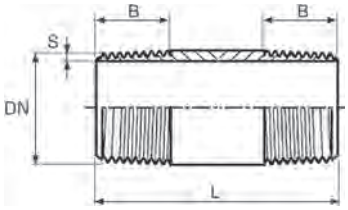
VITE DI ALLUNGAMENTO BARILOTTO ZINCATO

- GALVANISED BARREL NIPPLE
- ROHRDOPPELNIPPEL VERZINKT
- MAMELON GALVANISÉ
- CARRETE DE PROLONGACIÓN GALVANIZADO

TYPE: International Nr. 23
MATERIAL: P235TR1 - S235 (R.St.37.0)
NORM: UNI / DIN EN 10241 (ex DIN 2982)
THREAD: EN 10226-1 (ex ISO 7/1)
GALVANIZATION: EN 10240 A1

CODE	DN	DN inch	DN mm	L mm	B mm	S mm	g		€
530102093	15	1/2"	21,2	90	14	2,3	104	30	**2,46**
530304093	20	3/4"	26,9		16	2,3	134	30	**3,14**
530100093	25	1"	33,7		18	2,9	193	20	**4,18**
530114093	32	1"1/4	42,4		20	2,9	270	16	**5,26**
530112093	40	1"1/2	48,3		22	2,9	310	16	**6,09**
530200093	50	2"	60,3		24	3,2	433	12	**8,97**
530308103	10	3/8"	17	100	11	2	89	30	**3,64**
530102103	15	1/2"	21,2		14	2,3	116	30	**2,41**
530304103	20	3/4"	26,9		16	2,3	148	30	**3,05**
530100103	25	1"	33,7		18	2,9	213	20	**4,01**
530114103	32	1"1/4	42,4		20	2,9	298	16	**4,91**
530112103	40	1"1/2	48,3		22	2,9	342	16	**5,84**
530200103	50	2"	60,3		24	3,2	479	12	**8,72**
530212103	65	2"1/2	76,1		25	3,6	684	10	**16,41**
530300103	80	3"	88,9		30	3,6	803	6	**18,85**
530400103	100	4"	114,3		35	4,2	1271	6	**33,71**
530102113	15	1/2"	21,2	110	14	2,3	127	15	**2,74**
530304113	20	3/4"	26,9		16	2,3	162	15	**3,41**
530100113	25	1"	33,7		18	2,9	233	10	**4,67**
530308123	10	3/8"	17	120	11	2	106	15	**4,36**
530102123	15	1/2"	21,2		14	2,3	138	15	**2,97**
530304123	20	3/4"	26,9		16	2,3	176	15	**3,51**
530100123	25	1"	33,7		18	2,9	254	10	**4,99**
530114123	32	1"1/4	42,4		20	2,9	355	8	**6,21**
530112123	40	1"1/2	48,3		22	2,9	408	8	**7,65**
530200123	50	2"	60,3		24	3,2	570	6	**10,07**
530212123	65	2"1/2	76,1		25	3,6	814	5	**18,25**
530300123	80	3"	88,9		30	3,6	918	4	**24,84**
530400123	100	4"	114,3		35	4,2	1513	6	**39,48**
530102133	15	1/2"	21,2	130	14	2,3	149	15	**3,32**
530304133	20	3/4"	26,9		16	2,3	190	15	**3,88**
530102143	15	1/2"	21,2	140	14	2,3	160	15	**3,49**
530304143	20	3/4"	26,9		16	2,3	204	15	**3,99**
530100143	25	1"	33,7		18	2,9	294	10	**5,60**
530114143	32	1"1/4	42,4		20	2,9	412	8	**7,62**
530112143	40	1"1/2	48,3		22	2,9	473	8	**8,74**
530200143	50	2"	60,3		24	3,2	661	6	**11,40**

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530/Z

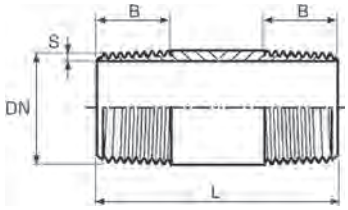
VITE DI ALLUNGAMENTO BARILOTTO ZINCATO

- GALVANISED BARREL NIPPLE
- ROHRDOPPELNIPPEL VERZINKT
- MAMELON GALVANISÉ
- CARRETE DE PROLONGACIÓN GALVANIZADO

TYPE: International Nr. 23
MATERIAL: P235TR1 - S235 (R.St.37.0)
NORM: UNI / DIN EN 10241 (ex DIN 2982)
THREAD: EN 10226-1 (ex ISO 7/1)
GALVANIZATION: EN 10240 A1

CODE	DN	DN inch	DN mm	L mm	B mm	S mm	g		€
530308153	10	3/8"	17		11	2	132	15	**4,74**
530102153	15	1/2"	21,2		14	2,3	171	15	**3,07**
530304153	20	3/4"	26,9		16	2,3	219	15	**3,64**
530100153	25	1"	33,7		18	2,9	315	10	**5,24**
530114153	32	1"1/4	42,4	150	20	2,9	440	8	**7,00**
530112153	40	1"1/2	48,3		22	2,9	505	8	**8,00**
530200153	50	2"	60,3		24	3,2	707	6	**10,43**
530212153	65	2"1/2	76,1		25	3,6	1009	5	**18,94**
530300153	80	3"	88,9		30	3,6	1186	4	**25,57**
530400153	100	4"	114,3		35	4,2	1876	6	**42,38**
530102163	15	1/2"	21,2		14	2,3	182	15	**4,39**
530304163	20	3/4"	26,9		16	2,3	233	15	**5,02**
530100163	25	1"	33,7	160	18	2,9	335	10	**7,44**
530114163	32	1"1/4	42,4		20	2,9	468	8	**7,78**
530112163	40	1"1/2	48,3		22	2,9	538	8	**10,85**
530200163	50	2"	60,3		24	3,2	752	6	**14,02**
530308183	10	3/8"	17		11	2	157	15	**6,08**
530102183	15	1/2"	21,2		14	2,3	203	15	**4,39**
530304183	20	3/4"	26,9		16	2,3	261	15	**5,02**
530100183	25	1"	33,7		18	2,9	376	10	**7,44**
530114183	32	1"1/4	42,4	180	20	2,9	525	8	**9,39**
530112183	40	1"1/2	48,3		22	2,9	603	8	**10,85**
530200183	50	2"	60,3		24	3,2	844	6	**14,02**
530212183	65	2"1/2	76,1		25	3,6	1204	5	**21,53**
530300183	80	3"	88,9		30	3,6	1415	6	**27,05**
530400183	100	4"	114,3		35	4,2	2239	6	**44,86**
530308203	10	3/8"	17		11	2	174	15	**5,57**
530102203	15	1/2"	21,2		14	2,3	225	15	**4,03**
530304203	20	3/4"	26,9		16	2,3	289	15	**4,83**
530100203	25	1"	33,7		18	2,9	416	10	**6,61**
530114203	32	1"1/4	42,4	200	20	2,9	582	8	**8,52**
530112203	40	1"1/2	48,3		22	2,9	668	8	**10,02**
530200203	50	2"	60,3		24	3,2	935	6	**13,66**
530212203	65	2"1/2	76,1		25	3,6	1180	5	**22,73**
530300203	80	3"	88,9		30	3,6	1568	4	**28,92**
530400203	100	4"	114,3		35	4,2	2481	6	**47,45**
530308253	10	3/8"	17		11	2	217	15	**8,17**
530102253	15	1/2"	21,2		14	2,3	281	15	**5,72**
530304253	20	3/4"	26,9	250	16	2,3	360	15	**6,39**
530100253	25	1"	33,7		18	2,9	518	10	**9,24**
530114253	32	1"1/4	42,4		20	2,9	724	8	**11,93**

R 10 13





530/Z

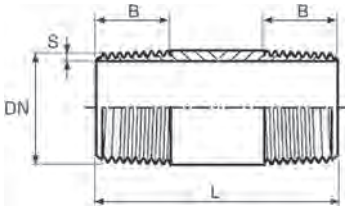
VITE DI ALLUNGAMENTO BARILOTTO ZINCATO

- GALVANISED BARREL NIPPLE
- ROHRDOPPELNIPPEL VERZINKT
- MAMELON GALVANISÉ
- CARRETE DE PROLONGACIÓN GALVANIZADO

TYPE: International Nr. 23
MATERIAL: P235TR1 - S235 (R.St.37.0)
NORM: UNI / DIN EN 10241 (ex DIN 2982)
THREAD: EN 10226-1 (ex ISO 7/1)
GALVANIZATION: EN 10240 A1

CODE	DN	DN inch	DN mm	L mm	B mm	S mm	g		€
530112253	40	1"1/2	48,3		22	2,9	831	8	**14,08**
530200253	50	2"	60,3		24	3,2	1163	6	**17,72**
530212253	65	2"1/2	76,1	250	25	3,6	1660	5	**27,51**
530300253	80	3"	88,9		30	3,6	1951	4	**31,55**
530400253	100	4"	114,3		35	4,2	3086	4	**50,85**
530308303	10	3/8"	17		11	2	259	15	**9,82**
530102303	15	1/2"	21,2		14	2,3	336	15	**6,49**
530304303	20	3/4"	26,9		16	2,3	430	15	**7,86**
530100303	25	1"	33,7		18	2,9	619	10	**10,99**
530114303	32	1"1/4	42,4	300	20	2,9	866	8	**13,86**
530112303	40	1"1/2	48,3		22	2,9	994	8	**16,13**
530200303	50	2"	60,3		24	3,2	1391	6	**21,88**
530212303	65	2"1/2	76,1		25	3,6	1953	5	**31,49**
530300303	80	3"	88,9		30	3,6	2666	4	**38,27**
530400303	100	4"	114,3		35	4,2	3691	4	**63,28**
530308403	10	3/8"	17		11	2	330	15	**10,36**
530102403	15	1/2"	21,2		14	2,3	450	10	**8,36**
530304403	20	3/4"	26,9		16	2,3	590	10	**10,28**
530100403	25	1"	33,7		18	2,9	826	5	**14,56**
530114403	32	1"1/4	42,4	400	20	2,9	1270	5	**18,30**
530112403	40	1"1/2	48,3		22	2,9	1330	5	**21,31**
530200403	50	2"	60,3		24	3,2	1910	3	**29,71**
530212403	65	2"1/2	76,1		25	3,6	2400	4	**37,66**
530300403	80	3"	88,9		30	3,6	2808	4	**49,64**
530400403	100	4"	114,3		35	4,2	4550	3	**84,40**
530308503	10	3/8"	17		11	2	420	15	**11,13**
530102503	15	1/2"	21,2		14	2,3	555	10	**9,89**
530304503	20	3/4"	26,9		16	2,3	740	10	**12,39**
530100503	25	1"	33,7		18	2,9	1033	5	**17,57**
530114503	32	1"1/4	42,4	500	20	2,9	1585	5	**22,02**
530112503	40	1"1/2	48,3		22	2,9	1660	5	**25,60**
530200503	50	2"	60,3		24	3,2	2384	3	**34,78**
530212503	65	2"1/2	76,1		25	3,6	3320	4	**45,13**
530300503	80	3"	88,9		30	3,6	3902	4	**60,78**
530400503	100	4"	114,3		35	4,2	6172	3	**103,09**
530102603	15	1/2"	21,2		14	2,3	680	10	**15,23**
530304603	20	3/4"	26,9	600	16	2,3	860	10	**17,63**
530100603	25	1"	33,7		18	2,9	1240	5	**26,60**

R 10 13





530/Z

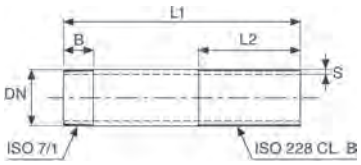
VITE DI ALLUNGAMENTO BARILOTTO ZINCATO

- GALVANISED BARREL NIPPLE
- ROHRDOPPELNIPPEL VERZINKT
- MAMELON GALVANISÉ
- CARRETE DE PROLONGACIÓN GALVANIZADO

TYPE: International Nr. 23
MATERIAL: P235TR1 - S235 (R.St.37.0)
NORM: UNI / DIN EN 10241 (ex DIN 2982)
THREAD: EN 10226-1 (ex ISO 7/1)
GALVANIZATION: EN 10240 A1

CODE	DN	DN inch	DN mm	L mm	B mm	S mm	g		€
530102703	15	1/2"	21,2		14	2,3	790	10	**17,53**
530304703	20	3/4"	26,9	700	16	2,3	1020	10	**20,23**
530100703	25	1"	33,7		18	2,9	1550	5	**34,36**
530102803	15	1/2"	21,2		14	2,3	900	10	**19,68**
530304803	20	3/4"	26,9	800	16	2,3	1180	10	**23,04**
530100803	25	1"	33,7		16	2,9	1865	5	**38,57**
5301021003	15	1/2"	21,2		14	2,3	1110	10	**24,29**
5303041003	20	3/4"	26,9	1000	16	2,3	1480	10	**30,26**
5301001003	25	1"	33,7		18	2,9	2325	5	**43,39**
5301021503	15	1/2"	21,2		14	2,3	1646	10	**39,77**
5303041503	20	3/4"	26,9	1500	16	2,3	2200	10	**45,38**
5301001503	25	1"	33,7		18	2,9	3200	5	**66,26**
5301022003	15	1/2"	21,2		14	2,3	2257	10	**52,83**
5303042003	20	3/4"	26,9	2000	16	2,3	2800	10	**60,93**
5301002003	25	1"	33,7		18	2,9	4528	5	**88,74**

R 10 13





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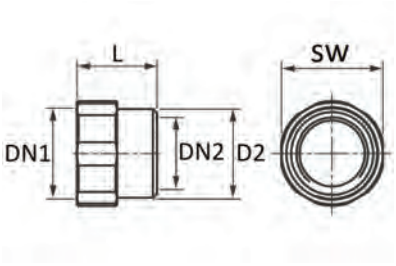
VITE DI ALLUNGAMENTO CONICA-CILINDRICA, ZINCATA, SCORREVOLE

- SLIDING BARREL NIPPLE
- LANGEGEWINDE VERZINKT
- MAMELON GALVANISÉ AVEC FILETAGE CONIQUE ET CYLINDRIQUE
- CARRETE DE PROLONGACIÓN CONICO CILINDRICO GALVANIZADO

TYPE: International Nr. 4/b
MATERIAL: P235TR1 - S235 (R.St.37.0)
NORM: DIN 2981
THREAD: vedi disegno/see drawing
GALVANIZATION: EN 10240 A1

CODE	DN	DN inch	DN mm	S mm	L1 mm	L2 min mm	B mm	g		€
532308100	10	3/8"	17,2	2	100	40	11	61	30	**5,79**
532102100	15	1/2"	21,2	2,3	100	50	14	85	30	**6,10**
532304120	20	3/4"	26,9	2,3	120	55	16	136	15	**8,05**
532100140	25	1"	33,7	2,9	140	60	18	230	10	**8,47**
532114150	32	1"1/4	42,4	2,9	150	70	20	320	8	**15,94**
532112150	40	1"1/2	48,3	2,9	150	70	22	407	8	**19,35**
532200170	50	2"	60,3	3,2	170	81	24	680	6	**25,00**

R 10 14





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MANICOTTO RIDOTTO FF ZINCATO

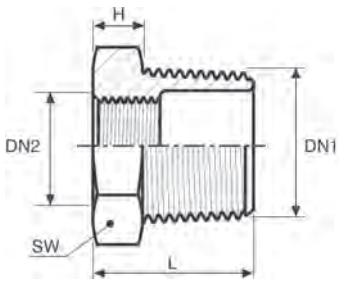
- GALVANIZED REDUCTION SOCKET
- REDUZIERMUFFE VERZINKT
- MANCHON REDUIT GALVANISÉ
- MANGUITO REDUCCIÓN GALVANIZADO

TYPE: International Nr. 17
NORM: UNI / DIN EN 10241 (ex DIN 2982)
THREAD: EN 10226-1 (ex ISO 7/1)

CODE	DN1	DN2	DN1 inch	DN2 inch	D2 mm	L mm	SW mm	g			€
240104108	8	6	1/4"	1/8"	12,5	22	20	27	10*	200	**2,87**
240308104	10	8	3/8"	1/4"	17	22	20	22	10	200*	**1,89**
240102104	15	8	1/2"	1/4"	17	27	24	31	10*	200	**2,68**
240308102	15	10	1/2"	3/8"	21	25,5	24	31	10	200*	**2,46**
240304308	20	10	3/4"	3/8"	22	24	30	40	10*	100	**3,69**
240102304	20	15	3/4"	1/2"	25	27	30	41	10	100*	**3,15**
240100102	25	15	1"	1/2"	26,5	30	38	81	10*	100	**5,77**
240304100	25	20	1"	3/4"	33	30	38	90	10*	100	**5,33**
240114100	32	25	1"1/4	1"	46	33,5	50	227	10*	50	**23,99**

(*) unità minima di vendita / minimum selling quantity

R 10 14





241

RIDUZIONE MF ZINCATO

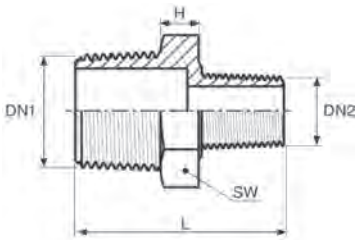
- GALVANIZED REDUCING BUSH M/F
- 6-KANT REDUZIERSTÜCK VERZINKT
- REDUCTION MF GALVANISÉ
- TUERCA REDUCCIÓN GALVANIZADO

TYPE: International Nr. 33
NORM: UNI / DIN EN 10241 (ex DIN 2982)
THREAD: EN 10226-1 (ex ISO 7/1)

CODE	DN1	DN2	DN1 x DN2 inch	L min mm	H mm	SW mm	g			€
241104184	8	6	1/4" x 1/8"	15	5,5	14	12	10	100*	**1,52**
241308184	10	6	3/8" x 1/8"	17	5	19	20	10*	100	**1,58**
241308144	10	8	3/8" x 1/4"	17	5	19	16	10	200*	**1,09**
241102184	15	6	1/2" x 1/8"	21	7	22	43	10*	100	**1,98**
241102144	15	8	1/2" x 1/4"	22,5	6	22	28	10	200*	**1,27**
241102384	15	10	1/2" x 3/8"	21	6	22	21	10	200*	**1,18**
241304184	20	6	3/4" x 1/8"	21	7	27	58	10*	100	**2,70**
241304144	20	8	3/4" x 1/4"	24,5	6	30	55	10*	100	**2,15**
241304384	20	10	3/4" x 3/8"	24,5	6	30	44	10	100*	**1,82**
241304124	20	15	3/4" x 1/2"	24	6	30	46	10	100*	**1,67**
241100384	25	10	1" x 3/8"	21	7	34	84	10*	100	**4,38**
241100124	25	15	1" x 1/2"	21	7	34	76	10	100*	**3,72**
241100344	25	20	1" x 3/4"	21,5	7	34	75	10	100*	**3,48**
241114104	32	25	1"1/4 x 1"	23	7	41	110	5	25*	**10,28**
241112144	40	32	1"1/2 x 1"1/4	23,5	7	50	128	5	25*	**35,13**
241200104	50	25	2" x 1"	27	7	60	397	5*	25	**42,23**
241200144	50	32	2" x 1"1/4	27	7	60	260	5*	25	**46,73**
241200124	50	40	2" x 1"1/2	27	7	60	198	5*	25	**46,58**

(*) unità minima di vendita / minimum selling quantity

R 10 14





245

VITE DOPPIA RIDOTTA ZINCATA

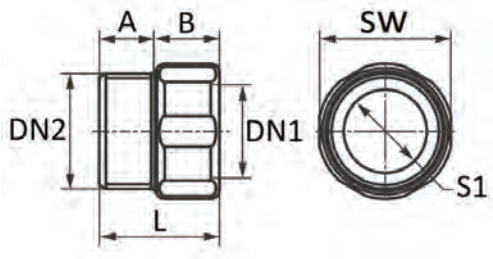
- GALVANIZED HEXAGON NIPPLE REDUCED
- 6-KANT DOPPELNIPPEL REDUZIERT VERZINKT
- MAMELON REDUIT GALVANISÉ
- MACHÓN REDUCIDO GALVANIZADO

TYPE: International Nr. 34
NORM: UNI / DIN EN 10241 (ex DIN 2982)
THREAD: EN 10226-1 (ex ISO 7/1)

CODE	DN1	DN2	DN1 x DN2 inch	L min mm	Tol L mm	H mm	SW mm	g			€
245104184	8	6	1/4" x 1/8"	25	± 0,5	5	15	15	10*	100	**1,95**
245308184	10	6	3/8" x 1/8"	24,5	± 0,5	4,5	17	17	10*	100	**2,31**
245308144	10	8	3/8" x 1/4"	28	± 0,5	6	19	18	10	200*	**1,41**
245102184	15	6	1/2" x 1/8"	27	± 0,5	5	22	32	10*	100	**2,98**
245102144	15	8	1/2" x 1/4"	34	± 0,5	6,5	22	35	10	200*	**2,00**
245102384	15	10	1/2" x 3/8"	34	± 0,5	6,5	22	35	10	100*	**1,53**
245304144	20	8	3/4" x 1/4"	31	± 1	7,5	27	52	10*	100	**3,68**
245304384	20	10	3/4" x 3/8"	34	± 1	7	27	57	10*	100	**3,03**
245304124	20	15	3/4" x 1/2"	34	± 1	7	27	58	10	100*	**2,76**
245100124	25	15	1" x 1/2"	34,5	± 1	6,5	34	92	10*	100	**5,25**
245100344	25	20	1" x 3/4"	34,5	± 1	6,5	34	91	10	50*	**5,07**
245114104	32	25	1"1/4 x 1"	38	± 1	7	42	133	5	25*	**20,82**
245112144	40	32	1"1/2 x 1"1/4	41	± 1	7	50	175	5*	25	**35,93**
245200104	50	25	2" x 1"	41	± 1	8	60	335	5*	25	**54,35**
245200144	50	32	2" x 1"1/4	41	± 1	5	60	220	5*	25	**53,17**
245200124	50	40	2" x 1"1/2	43	± 1	7	60	250	5*	25	**53,17**

(*) unità minima di vendita / minimum selling quantity

R 10 14





246/A

MANICOTTO RIDOTTO FM (PROLUNGA RIDOTTA) MM 15 ZINCATA

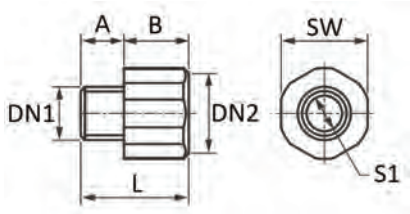
- GALVANIZED F/M REDUCING SOCKET
- REDUZIERMUFFE I/A VERZINKT
- MANCHON REDUIT FM DE PROLONGEMENT GALVANISÉ
- MANGUITO UNION REDUCIDO HM GALVANIZADO

THREAD: ISO 228/1 (ex DIN 259)

CODE	DN1	DN2	DN1 inch	DN2 inch	L mm	A mm	B mm	S1 mm	SW mm	g			€
246381201	10	15	3/8"	1/2"	26,5	11,5	15	15	24	41	10*	100	**2,42**
246123401	15	20	1/2"	3/4"	27,5	12,5	15	19	30	68	10*	100	**3,29**
246341100	20	10	3/4"	1"	29	14	15	24,5	38	108	10*	100	**5,56**

(*) unità minima di vendita / minimum selling quantity

R 10 14





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MANICOTTO RIDOTTO MF (PROLUNGA RIDOTTA) ZINCATA

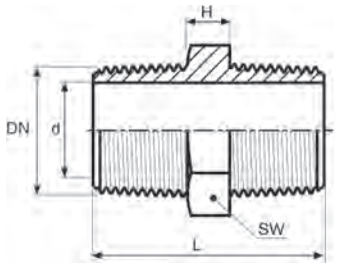
- GALVANIZED M/F REDUCING SOCKET
- REDUZIERMUFFE A/I VERZINKT
- MANCHON REDUIT MF DE PROLONGEMENT GALVANISÉ
- MANGUITO UNION REDUCIDO MH GALVANIZADO

THREAD: ISO 228/1 (ex DIN 259)

CODE	DN1	DN2	DN1 inch	DN2 inch	L mm	A mm	B mm	S1 mm	SW mm	g			€
246104108	6	8	1/8"	1/4"	24	10	14	5	17	17	10*	100	**2,25**
246104308	8	10	1/4"	3/8"	22	10	12	8	20	22	10	100*	**1,69**
246308102	10	15	3/8"	1/2"	25	10	15	9**	25	30	10	200*	**1,45**
246308304	10	20	3/8"	3/4"	28	13	15	9	30	45	10*	200	**3,38**
246102304	15	20	1/2"	3/4"	26	11	15	12**	30	39	10	100*	**2,42**
246102100	15	25	1/2"	1"	25	10	15	12	38	71	10*	100	**6,40**
246304100	20	25	3/4"	1"	29,5	14,5	15	17	38	78	10	100*	**4,20**
246100114	25	32	1"	1"1/4	34	15	19	24	46	165	10*	50	**13,73**

(*) unità minima di vendita / minimum selling quantity
(**) foro esagonale / hexagonal hole

R 10 14





280

VITE DOPPIA ZINCATA

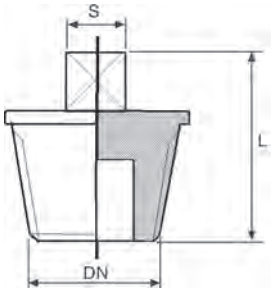
- GALVANIZED HEXAGON NIPPLE
- 6-KANT DOPPELNIPPEL VERZINKT
- MAMELON DOUBLE GALVANISÉ
- MACHÓN DOBLE GALVANIZADO

TYPE: International Nr. 34
NORM: UNI / DIN EN 10241 (ex DIN 2982)
THREAD: EN 10226-1 (ex ISO 7/1)

CODE	DN	DN inch	L mm	SW mm	H mm	d mm	g			€
280108004	6	1/8"	25	15	5	6	11	10*	100	**2,02**
280104004	8	1/4"	24	14	4,5	7	17	10	200*	**1,25**
280308004	10	3/8"	28	20	5	10	25	10	200*	**1,27**
280102004	15	1/2"	33,5	22	5,5	12	41	10	100*	**1,50**
280304004	20	3/4"	40	32	6	19	70	10	50*	**1,95**
280100004	25	1"	34,5	34	6,5	24	117	10	50*	**4,22**
280114004	32	1"1/4	37	42	7	32	154	10*	50	**10,38**
280112004	40	1"1/2	43	50	7	39	205	5*	25	**33,50**
280200004	50	2"	42,5	60	8,5	48,5	327	5*	25	**51,78**

(*) unità minima di vendita / minimum selling quantity

R 10 14





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TAPPO MASCHIO CON BORDO, TESTA QUADRA ZINCATO

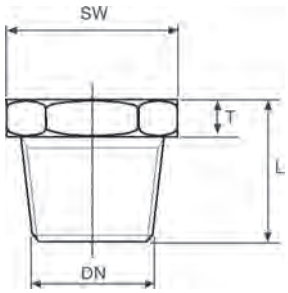
- GALVANIZED BEADED PLUG
- 4-KANT STOPFEN MIT RAND VERZINKT
- BOUCHON MALE AVEC BOURRELET À TETE CARRÉ GALVANISÉ
- TAPÓN MACHO CON REBORDE GALVANIZADO

NORM: UNI / DIN EN 10241 (ex DIN 2982)
THREAD: EN 10226-1 (ex ISO 7/1)

CODE	DN	DN inch	S mm	L mm	g			€
290108001	6	1/8"	7	14	7	10	100*	**1,02**
290104001	8	1/4"	9	18	14	10	100*	**1,02**
290308001	10	3/8"	10	20	23	10	200*	**1,14**
290102001	15	1/2"	12	24	40	10	200*	**1,14**
290304001	20	3/4"	17	27	74	10	100*	**1,80**
290100001	25	1"	19	33	145	10	100*	**2,87**

(*) unità minima di vendita / minimum selling quantity

R 10 14





292

TAPPO MASCHIO TESTA ESAGONALE ZINCATO

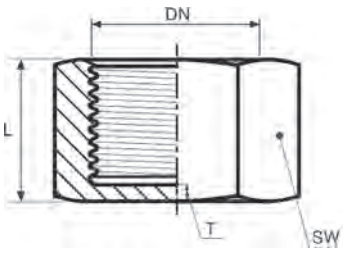
- GALVANIZED HEXAGONAL PLUG
- 6-KANT STOPFEN VERZINKT
- BOUCHON MALE HEXAGONAL GALVANISÉ
- TAPÓN MACHO HEXAGONAL GALVANIZADO

NORM: UNI / DIN EN 10241 (ex DIN 2982)
THREAD: EN 10226-1 (ex ISO 7/1)

CODE	DN	DN inch	T mm	SW mm	L mm	g			€
292104001	8	1/4"	4,5	14	15	10	10	200*	**0,89**
292308001	10	3/8"	5	19	17	23	10	200*	**0,89**
292102001	15	1/2"	6	22	20	30	10	200*	**1,00**
292304001	20	3/4"	6	30	24	74	10	100*	**1,61**
292100001	25	1"	8	36	26	146	10	100*	**3,79**
292114001	32	1"1/4	7	41	23	127	5*	50	**8,91**
292112001	40	1"1/2	7,5	50	25	207	5*	50	**24,65**
292200001	50	2"	7,5	60	25	312	5*	25	**38,58**

(*) unità minima di vendita / minimum selling quantity

R 10 14





300

CALOTTA ESAGONALE ZINCATA

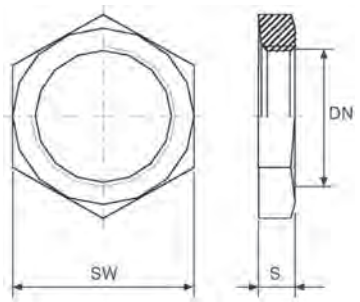
- GALVANIZED HEXAGONAL CAP
- 6-KANT KAPPE VERZINKT
- BOUCHON FEMELLE HEXAGONAL GALVANISÉ
- TAPÓN HEMBRA HEXAGONAL GALVANIZADO

TYPE: International Nr. 19
NORM: UNI / DIN EN 10241 (ex DIN 2982)
THREAD: EN 10226-1 (ex ISO 7/1)

CODE	DN	DN inch	T mm	SW mm	L mm	g			€
300104004	8	1/4"	3,5	17	15	18	10	200*	**1,58**
300308004	10	3/8"	3,5	21	17	30	10	200*	**1,13**
300102004	15	1/2"	4	25	19	40	10	200*	**1,18**
300304004	20	3/4"	4,5	30	19	55	10	100*	**1,64**
300100004	25	1"	5	37	22	100	10*	100	**6,06**
300114004	32	1"1/4	5,5	50	22,5	200	5*	50	**24,75**
300112004	40	1"1/2	6,5	60	22,5	320	5*	50	**48,29**

(*) unità minima di vendita / minimum selling quantity

R 10 14





310

GHIERA ESAGONALE ZINCATA

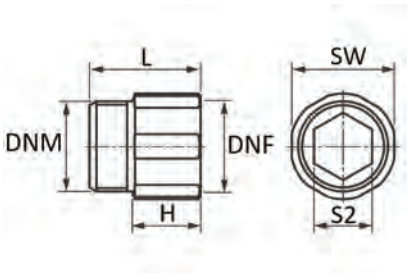
- GALVANIZED BACKNUT
- 6-KANT GEGENMUTTER VERZINKT
- CONTRE ECROU GALVANISÉ
- TUERCA HEXAGONAL GALVANIZADO

TYPE: International Nr. 21
NORM: UNI / DIN EN 10241 (ex DIN 2982)
THREAD: ISO 228/1 (ex DIN 259)

CODE	DN	DN inch	S mm	SW mm	g			€
310108001	6	1/8"	5	17	6	10*	100	**1,81**
310104001	8	1/4"	5	19	7	10*	200	**1,38**
310308001	10	3/8"	7,5	22	11	10	200*	**1,78**
310102001	15	1/2"	8	27	17	10	200*	**2,80**
310304001	20	3/4"	9	34	33	10	150*	**3,84**
310100001	25	1"	10	41	49	10*	150	**6,41**

(*) unità minima di vendita / minimum selling quantity

R 10 14





529

MANICOTTO MF (PROLUNGA) ZINCATO

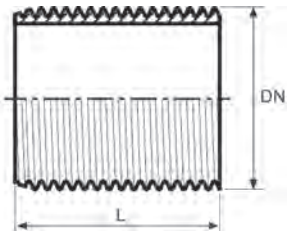
- GALVANIZED HEXAGONAL NEGATIVE BUSHUNG MF
- MUFFENNIPPEL VERZINKT
- MANCHON DE PROLONGEMENT GALVANISÉ
- MANGUITO MH GALVANIZADO

THREAD: ISO 228/1 (ex DIN 259)

CODE	DN	DN inch	H mm	L mm	SW mm	S2 mm	g			€
529308100	10	3/8"	10	18	20	9	19	10	200*	**0,93**
529308150			15	23	20	9	21	10	200*	**1,00**
529308200			20	28	20	9	28	10	200*	**1,17**
529308250			25	33	20	9	33	10*	200	**1,61**
529308300			30	40	20	9	35	10*	200	**1,75**
529308350			35	45	20	9	42	10*	100	**4,11**
529308400			40	50	20	9	47	10*	100	**3,41**
529308500			50	60	20	9	57	10*	50	**3,89**
529102100	15	1/2"	10	22,5	24	10	28	10	200*	**0,86**
529102150			15	25,5	24	10	30	10	200*	**0,88**
529102200			20	30,5	24	10	38	10	150*	**1,05**
529102250			25	35,5	24	12	45	10	100*	**1,46**
529102300			30	40,5	24	12	53	10	100*	**1,66**
529102350			35	46,5	24	12	53	10*	100	**3,30**
529102400			40	51,5	24	12	61	10	100*	**3,33**
529102500			50	61,5	24	12	72	10	100*	**3,78**
529304100	20	3/4"	10	22,5	30	17	38	10	100*	**1,83**
529304150			15	25,5	30	17	44	10	100*	**2,03**
529304200			20	30,5	30	17	56	10	100*	**2,24**
529304250			25	37,5	30	17	60	10*	100	**3,15**
529304300			30	42,5	30	17	69	10	100*	**3,42**
529304350			35	47,5	30	17	75	10*	50	**7,00**
529304400			40	52,5	30	17	84	10*	50	**5,73**
529304500			50	62,5	30	17	99	10*	50	**6,45**
529100150	25	1"	15	30	38	19	93	10*	50	**4,82**
529100200			20	35	38	19	107	5*	50	**5,73**
529100250			25	40	38	19	125	5*	50	**6,78**
529100300			30	45	38	19	138	5*	50	**7,45**
529100400			40	55	38	19	173	5*	25	**9,34**
529100500			50	65	38	19	198	5*	25	**10,19**

(*) unità minima di vendita / minimum selling quantity

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531

NIPPLO SEMPLICE ZINCATO

- GALVANIZED PARALLEL NIPPLE
- GEWINDENIPPEL VERZINKT
- MAMELON SIMPLE GALVANISÉ
- MANGUITO INTERIOR GALVANIZADO

TYPE: International Nr. 22
THREAD: ISO 228/1 (ex DIN 259)

CODE	DN	DN inch	L mm	g			€
531104004	8	1/4"	19,5	10	10*	100	**1,96**
531308004	10	3/8"	22	20	10*	200	**1,24**
531102004	15	1/2"	25	30	10	200*	**1,29**
531304004	20	3/4"	30	60	10	100*	**2,03**
531100004	25	1"	35	105	10	100*	**3,17**
531114004	32	1"1/4	38	95	5*	50	**6,56**
531112004	40	1"1/2	38	145	5*	50	**7,92**
531200004	50	2"	45	200	5*	20	**11,60**

(*) unità minima di vendita / minimum selling quantity

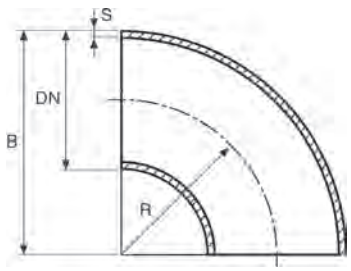
ACCOPPIAMENTO A TENUTA SUL FILETTO
Norma EN 10226-1 (ex ISO 7/1)
Filettatura gas:
maschio conico [designazione R]
femmina cilindrica [designazione Rp]

COUPLING WITH SEAL ON THE THREAD
EN 10226-1 (ex ISO 7/1) standard
Gas thread:
conical male [designation R]
cylindrical female [designation Rp]

ACCOPPIAMENTO CON GUARNIZIONE PIATTA (NON A TENUTA SUL FILETTO)
Norma ISO 228
Filettatura gas:
maschio cilindrico [designazione G (A o B)
A o B = classi di tolleranza]
femmina cilindrica [designazione G]

COUPLING WITH FLAT GASKET (NOT HOLDING THE THREAD)
ISO 228 standard
Gas thread:
cylindrical male [designation G (A or B)
A or B = tolerance classes]
cylindrical female [designation G]

R 20 21





700

CURVA DIMA 3D 90° DA TUBO SALDATO

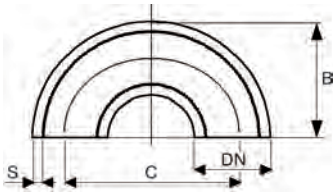
- WELDED ELBOW 3D 90°
- ROHRBOGEN GESCHWEISST BA3 90°
- COURBE 3D 90° SOUDÉ
- CODO 3D 90°

MATERIAL: P235TR2 - S235 (R.St.37.0)
NORM: EN 10253-1 (DIN 2605)

CODE	DN	DN inch	DN mm	S mm	R mm	B mm	kg			€
700269000	20	3/4"	26,9	2,3	29	43	0,08	100	9600	**4,43**
700300000*	-	-	30	2,6	33,5	48	0,08	100	5600	**5,39**
700337000	25	1"	33,7	2,6	38	56	0,11	80	4480	**3,51**
700380000	-	-	38	2,6	45	64	0,13	100	3600	**6,54**
700424000	32	1"1/4	42,4	2,6	48	70	0,18	100	3600	**4,46**
700445000	-	-	44,5	2,6	51	73	0,22	50	1800	**7,49**
700483000	40	1"1/2	48,3	2,6	57	83	0,26	50	1800	**5,38**
700510000*	-	-	51	2,6	63,5	88	0,36	40	1440	**11,74**
700540000	-	-	54	2,6	68,5	95	0,41	40	1440	**11,96**
700570000	-	-	57	2,9	72	100	0,43	25	900	**12,15**
700603000	50	2"	60,3	2,9	76	106	0,48	25	900	**8,74**
700700000	-	-	70	2,9	92	127	0,69	10	720	**15,01**
700761000	65	2"1/2	76,1	2,9	95	132	0,73	5	660	**13,98**
700889000	80	3"	88,9	3,2	114	159	1,16	5	350	**19,86**
700101000	-	3"1/2	101,6	3,6	133	184	1,68	4	192	**27,86**
700108000	-	-	108	3,6	142,5	196	1,83	4	192	**35,48**
700114000	100	4"	114,3	3,6	152	210	2,37	4	192	**38,87**
700133000	-	-	133	4	181	247	3,59	1	90	**64,10**
700139000	125	5"	139,7	4	190	262	3,87	1	84	**65,18**
700159000	-	-	159	4,5	216	295	5,92	1	60	**100,05**
700168000	150	6"	168,3	4,5	229	313	6,32	1	60	**105,47**
700193000	175	-	193,7	5,6	270	367	11	1	24	**200,98**
700219000	200	8"	219,1	6,3	305	414	14	1	24	**238,14**
700244000	-	-	244,5	6,3	340	462	19	1	12	**477,27**
700273000	250	10"	273	6,3	381	518	23	1	9	**509,74**
700323000	300	12"	323,9	7,1	457	619	37,5	1	9	**764,21**

Tolleranze dimensionali / Dimensional tolerances
D = ± 1% D MIN ± 0,5 mm
S = S≤ 4 mm (-12,5% x S / +20% x S) S> 4 mm (-12,5% x S / +15% x S)
R = ± 2 mm ≤ DN 200 ± 3 mm DN 250 - 300
B = ± 7 mm
(*) Dimensioni non previste nella norma EN 10253-1 - Sizes not provided in EN 10253-1

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770

CURVA DIMA 3D 180° DA TUBO SALDATO

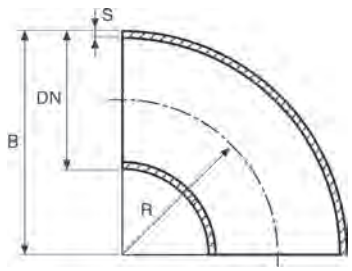
- WELDED ELBOW 3D 180°
- ROHRBOGEN GESCHWEISST BA3 180°
- COURBE 3D 180° SOUDÉ
- CODO 3D 180°

MATERIAL: P235TR2 - S235 (R.St.37.0)
NORM: EN 10253-1 (DIN 2605)

CODE	DN	DN inch	DN mm	S mm	B mm	C mm	kg		€
774213000	15	1/2"	21,3	2	38	56	0,08	50	**11,25**
770269000	20	3/4"	26,9	2,3	43	57	0,14	40	**12,00**
770337000	25	1"	33,7	2,6	56	76	0,24	40	**11,27**
770424000	32	1"1/4	42,4	2,6	70	95	0,35	20	**13,44**
770483000	40	1"1/2	48,3	2,6	83	114	0,51	25	**17,62**
770510000*	-	-	51	2,6	88	127	0,71	5	**30,31**
770540000	-	-	54	2,6	95	137	0,82	5	**30,33**
770570000	-	-	57	2,9	100	144	0,87	5	**30,05**
770603000	50	2"	60,3	2,9	106	152	0,97	5	**28,36**
770700000	-	-	70	2,9	127	184	1,39	4	**43,89**
770761000	65	2"1/2	76,1	2,9	132	191	1,58	4	**45,08**
770889000	80	3"	88,9	3,2	159	229	2,33	3	**67,94**
770101000	-	3"1/2	101,6	3,6	184	267	3,74	3	**92,66**
770108000	-	-	108	3,6	196	285	3,85	3	**116,90**
770114000	100	4"	114,3	3,6	210	305	4,46	3	**131,06**

Tolleranze dimensionali / Dimensional tolerances
D = ± 1% D MIN ± 0,5 mm
S = S≤ 4 mm (-12,5% x S / +20% x S)
B = ± 7 mm
C = ± 7 mm
(*) Dimensione non prevista nella norma EN 10253-1 - Size not provided in EN 10253-1

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704

CURVA DIMA 3D 90° DA TUBO SENZA SALDATURA

- SEAMLESS ELBOW 3D 90°
- NAHTLOSE ROHRBÖGEN BA3 90°
- COURBE 3D 90° DE TUBE SANS SOUDURE
- CODO PARA SOLDAR 3D 90° (DE TUBO SIN SOLDATURA)

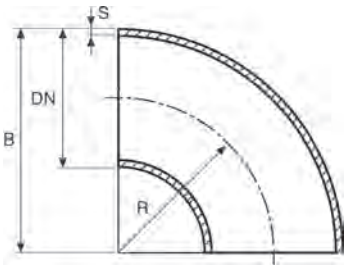
MATERIAL: P235TR2 - S235 (R.St.37.0)
NORM: EN 10253-1 (DIN 2605)

CODE	DN	DN inch	DN mm	S mm	R mm	B mm	kg			€
704172000*	10	3/8"	17,2	2	19	28	0,04	100	-	**10,25**
704213000	15	1/2"	21,3	2	29	38	0,04	100	9600	**5,19**
704269000	20	3/4"	26,9	2,3	29	43	0,06	100	9600	**5,19**
704337000	25	1"	33,7	2,6	38	56	0,11	80	4480	**4,12**
704424000	32	1"1/4	42,4	2,6	48	70	0,19	100	3600	**5,22**
704483000	40	1"1/2	48,3	2,6	57	83	0,26	50	1800	**6,32**
704570000	-	-	57	2,9	72	100	0,44	25	900	**14,24**
704603000	50	2"	60,3	2,9	76	106	0,49	25	900	**10,24**
704700000	-	-	70	2,9	92	127	0,7	10	720	**17,56**
704761000	65	2"1/2	76,1	2,9	95	132	0,78	5	660	**16,40**
704889000	80	3"	88,9	3,2	114	159	1,22	5	350	**23,98**
704101000	-	3"1/2	101,6	3,6	133	184	1,82	4	192	**35,46**
704108000	-	-	108	3,6	142,5	196	2,07	4	192	**41,58**
704114000	100	4"	114,3	3,6	152	210	2,35	4	192	**45,56**
704133000	-	-	133	4	181	247	3,62	1	90	**75,12**
704139000	125	5"	139,7	4	190	262	4	1	84	**76,38**
704159000	-	-	159	4,5	216	295	5,82	1	60	**117,26**
704168000	150	6"	168,3	4,5	229	313	6,52	1	60	**123,59**
704193000	175	-	193,7	5,6	270	367	11,02	1	24	**235,51**
704219000	200	8"	219,1	6,3	305	414	15,96	1	24	**315,47**
704244000	-	-	244,5	6,3	340	462	19,77	1	12	**632,28**
704273000	250	10"	273	6,3	381	518	24,8	1	9	**675,29**
704323000	300	12"	323,9	7,1	457	619	39,82	1	9	**1012,41**
704355000	350	14"	355,6	8	533	711	57,47	1	-	**on demand**
704406000	400	16"	406	8,8	610	813	82,6	1	-	**on demand**
704508000*	500	20"	508	11	762	1016	161	1	-	**on demand**
704609000*	600	24"	609	12,5	914	1219	271,38	1	-	**on demand**

Tolleranze dimensionali / Dimensional tolerances
D = ± 1% D MIN ± 0,5 mm
S = S≤ 4 mm (-12,5% x S / +20% x S) S> 4 mm (-12,5% x S / +15% x S)
R = ± 2 mm ≤ DN 200 ± 3 mm > DN 200 ≤ DN 400 ± 14,5 mm DN 500 - 600
B = ± 7 mm ≤ DN 400 ± 6 mm DN 500 - 600

(*) Dimensioni non previste nella norma EN 10253-1 - Sizes not provided in EN 10253-1

R 20 25





740

CURVA DIMA 3D 90° DA TUBO SENZA SALDATURA

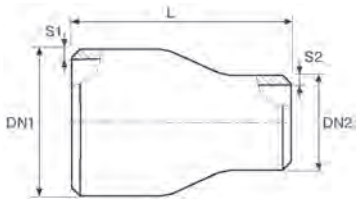
- SEAMLESS ELBOW 3D 90°
- NAHTLOSE ROHRBÖGEN BA3 90°
- COURBE 3D 90° DE TUBE SANS SOUDURE
- CODO PARA SOLDAR 3D 90° (DE TUBO SIN SOLDATURA)

MATERIAL: P235TR2 - S235 (R.St.37.0)
NORM: EN 10253-1 (DIN 2605)

CODE	DN	DN inch	DN mm	S mm	R mm	B mm	kg		€
740213000	15	1/2"	21,3	2	42,5	53	0,08	50	**9,21**
740269000	20	3/4"	26,9	2,3	57,5	71	0,13	40	**9,21**
740337000	25	1"	33,7	2,6	72,5	89	0,2	30	**10,10**
740424000	32	1"1/4	42,4	2,6	92,5	114	0,37	20	**11,36**
740483000	40	1"1/2	48,3	2,6	107,5	132	0,5	25	**14,08**
740603000	50	2"	60,3	2,9	135	165	0,89	15	**20,82**
740761000	65	2"1/2	76,1	2,9	175	213	1,44	5	**29,15**
740889000	80	3"	88,9	3,2	205	250	2,22	5	**42,52**
740101000	-	3"1/2	101,6	3,6	235	286	3,21	3	**111,12**
740108000	-	-	108	3,6	253	307	3,68	3	**110,88**
740114000	100	4"	114,3	3,6	270	327	4,17	1	**82,69**
740133000	-	-	133	4	311,5	378	6,23	1	**308,28**
740139000	125	5"	139,7	4	330	400	6,94	1	**325,40**
740159000	-	-	159	4,5	375	454	10,1	1	**418,37**
740168000	150	6"	168,3	4,5	390	474	11,14	1	**420,40**
740219000	200	8"	219,1	6,3	510	620	26,75	1	**1034,88**
740273000	250	10"	273	6,3	650	787	42,8	1	**2081,72**
740323000	300	12"	323,9	7,1	775	937	70	1	**3330,14**

Tolleranze dimensionali / Dimensional tolerances
D = ± 1% D MIN ± 0,5 mm
S = S≤ 4 mm (-12,5% x S / +20% x S) S> 4 mm (-12,5% x S / +15% x S)
R = ± 2 mm ≤ DN 200 ± 3 mm DN 250 - 300
B = ± 7 mm

R 20 22





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RIDUZIONE CONCENTRICA DA TUBO SENZA SALDATURA

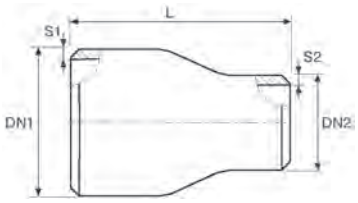
- SEAMLESS CONCENTRIC REDUCTION
- NAHTLOSE REDUZIERSTÜCK KONZENTRISCH
- RÉDUCTION CONCENTRIQUE SANS SOUDURE
- REDUCCIÓN CONCÉNTRICA SIN SOLDATURA

MATERIAL: P235GH (R.St.35.8/I)
NORM: EN 10253-2 (DIN 2616 serie 3)

CODE	DN1	DN2	DN1 mm	DN2 mm	S1 mm	S2 mm	L mm	kg		€
276337269	25	20	33,7	26,9	2,6	2,3	50	0,10	20	**8,49**
276424269	32	20	42,4	26,9	2,6	2,3	50	0,14	20	**9,21**
276424337	32	25	42,4	33,7	2,6	2,6	50	0,13	20	**8,39**
276483269	40	20	48,3	26,9	2,6	2,3	64	0,20	20	**12,40**
276483337	40	25	48,3	33,7	2,6	2,6	64	0,17	20	**10,16**
276483424	40	32	48,3	42,4	2,6	2,6	64	0,17	20	**8,71**
276603337	50	25	60,3	33,7	2,9	2,6	76	0,30	20	**12,84**
276603424	50	32	60,3	42,4	2,9	2,6	76	0,29	20	**11,14**
276603483	50	40	60,3	48,3	2,9	2,6	76	0,30	20	**9,75**
276700424	-	32	70	42,4	2,9	2,6	90	0,36	10	**18,36**
276700483	-	40	70	48,3	2,9	2,6	90	0,35	10	**15,95**
276700603	-	50	70	60,3	2,9	2,9	90	0,41	10	**13,99**
276761424	65	32	76,1	42,4	2,9	2,6	90	0,43	10	**15,12**
276761483	65	40	76,1	48,3	2,9	2,6	90	0,44	10	**13,33**
276761603	65	50	76,1	60,3	2,9	2,9	90	0,48	10	**12,18**
276889424	80	32	88,9	42,4	3,2	2,6	90	0,51	6	**31,57**
276889483	80	40	88,9	48,3	3,2	2,6	90	0,56	6	**22,25**
276889603	80	50	88,9	60,3	3,2	2,9	90	0,58	6	**17,50**
276889700	80	-	88,9	70	3,2	2,9	90	0,57	6	**16,98**
276889761	80	65	88,9	76,1	3,2	2,9	90	0,67	6	**14,48**
276101603	-	50	101,6	60,3	3,6	2,9	100	0,79	6	**40,97**
276101700	-	-	101,6	70	3,6	2,9	100	0,64	6	**47,02**
276101761	-	65	101,6	76,1	3,6	2,9	100	0,88	6	**27,78**
276101889	-	80	101,6	88,9	3,6	3,2	100	0,88	6	**25,21**
276108603	-	50	108	60,3	3,6	2,9	100	0,89	6	**39,75**
276108700	-	-	108	70	3,6	2,9	100	0,95	6	**52,90**
276108761	-	65	108	76,1	3,6	2,9	100	0,90	6	**30,21**
276108889	-	80	108	88,9	3,6	3,2	100	0,90	6	**25,26**
276114603	100	50	114,3	60,3	3,6	2,9	100	0,96	6	**40,76**
276114761	100	65	114,3	76,1	3,6	2,9	100	0,92	6	**31,62**
276114889	100	80	114,3	88,9	3,6	3,2	100	0,96	6	**27,56**
276114101	100	-	114,3	101,6	3,6	3,6	100	0,93	6	**26,39**
276133700	-	-	133	70	4	2,9	127	1,84	1	**111,79**
276133761	-	65	133	76,1	4	2,9	127	1,57	1	**73,06**
276133889	-	80	133	88,9	4	3,2	127	1,48	1	**53,51**
276133101	-	-	133	101,6	4	3,6	127	1,20	1	**67,06**
276133108	-	-	133	108	4	3,6	127	1,59	1	**47,88**
276133114	-	100	133	114,3	4	3,6	127	1,57	1	**47,64**

Tolleranze dimensionali / Dimensional tolerances
D = ± 1% D MIN ± 0,5 mm
S1 – S2 = S≤ 4 mm (-12,5% x S / +20% x S) S> 4 mm (-12,5% x S / +15% x S)
L = ± 2 mm ≤ DN 100 ± 3 mm, > DN 100 ≤ DN 200 ± 3 mm, > DN 200 ± 5 mm

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RIDUZIONE CONCENTRICA DA TUBO SENZA SALDATURA

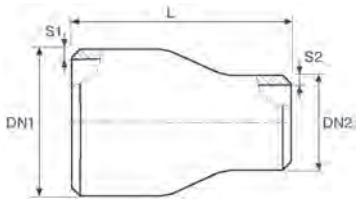
- SEAMLESS CONCENTRIC REDUCTION
- NAHTLOSE REDUZIERSTÜCK KONZENTRISCH
- RÉDUCTION CONCENTRIQUE SANS SOUDURE
- REDUCCIÓN CONCÉNTRICA SIN SOLDATURA

MATERIAL: P235GH (R.St.35.8/I)
NORM: EN 10253-2 (DIN 2616 serie 3)

CODE	DN1	DN2	DN1 mm	DN2 mm	S1 mm	S2 mm	L mm	kg		€
276139761	125	65	139,7	76,1	4	2,9	127	1,58	1	**74,94**
276139889	125	80	139,7	88,9	4	3,2	127	1,62	1	**63,75**
276139101	125	-	139,7	101,6	4	3,6	127	1,38	1	**61,92**
276139108	125	-	139,7	108	4	3,6	127	1,24	1	**53,59**
276139114	125	100	139,7	114,3	4	3,6	127	1,73	1	**48,01**
276139133	125	-	139,7	133	4	4	127	1,80	1	**45,49**
276159889	-	80	159	88,9	4,5	3,2	140	2,30	1	**106,99**
276159101	-	-	159	101,6	4,5	3,6	140	2,28	1	**88,06**
276159108	-	-	159	108	4,5	3,6	140	2,30	1	**75,78**
276159114	-	100	159	114,3	4,5	3,6	140	2,21	1	**68,31**
276159133	-	-	159	133	4,5	4	140	2,36	1	**57,53**
276159139	-	125	159	139,7	4,5	4	140	2,26	1	**57,59**
276168889	150	80	168,3	88,9	4,5	3,2	140	2,33	1	**108,13**
276168101	150	-	168,3	101,6	4,5	3,6	140	2,41	1	**96,36**
276168108	150	-	168,3	108	4,5	3,6	140	2,47	1	**88,63**
276168114	150	100	168,3	114,3	4,5	3,6	140	2,37	1	**70,85**
276168133	150	-	168,3	133	4,5	4	140	2,46	1	**60,93**
276168139	150	125	168,3	139,7	4,5	4	140	2,4	1	**61,30**
276168159	150	-	168,3	159	4,5	4,5	140	2,52	1	**61,77**
276193114	-	100	193,7	114,3	5,6	3,6	152	4,45	1	**155,91**
276193133	-	-	193,7	133	5,6	4	152	3,67	1	**145,23**
276193139	-	125	193,7	139,7	5,6	4	152	3,09	1	**120,74**
276193159	-	-	193,7	159	5,6	4,5	152	3,93	1	**98,97**
276193168	-	150	193,7	168,3	5,6	4,5	152	3,78	1	**95,23**
276219114	200	100	219,1	114,3	6,3	3,6	152	4,88	1	**176,19**
276219133	200	-	219,1	133	6,3	4	152	4,67	1	**136,10**
276219139	200	125	219,1	139,7	6,3	4	152	4,74	1	**115,89**
276219159	200	-	219,1	159	6,3	4,5	152	4,84	1	**111,67**
276219168	200	150	219,1	168,3	6,3	4,5	152	4,76	1	**112,79**
276244159	-	-	244,5	159	6,3	4,5	178	6,25	1	**223,73**
276244168	-	150	244,5	168,3	6,3	4,5	178	5,47	1	**198,25**
276244219	-	200	244,5	219,1	6,3	6,3	178	3,04	1	**146,14**
276273159	250	-	273	159	6,3	4	178	8,13	1	**270,34**
276273168	250	150	273	168,3	6,3	4,5	178	8,15	1	**218,03**
276273193	250	-	273	193,7	6,3	5,6	178	6,41	1	**215,03**
276273219	250	200	273	219,1	6,3	6,3	178	4,8	1	**185,47**
276273244	250	-	273	244,5	6,3	6,3	178	3,99	1	**161,99**
276323219	300	200	323,9	219,1	7,1	6,3	203	14,27	1	**389,98**
276323244	300	-	323,9	244,5	7,1	6,3	203	11,12	1	**361,72**
276323273	300	250	323,9	273	7,1	6,3	203	14,92	1	**349,97**

Tolleranze dimensionali / Dimensional tolerances
D = ± 1% D MIN ± 0,5 mm
S1 - S2 = S≤ 4 mm (-12,5% x S / +20% x S) S> 4 mm (-12,5% x S / +15% x S)
L = ± 2 mm ≤ DN 100 ± 3 mm, > DN 100 ≤ DN 200 ± 3 mm, > DN 200 ± 5 mm

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RIDUZIONE CONCENTRICA DA TUBO SENZA SALDATURA

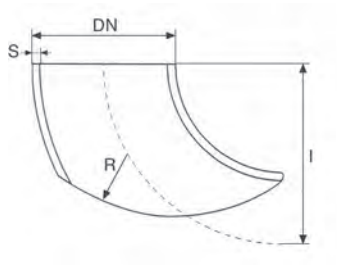
- SEAMLESS CONCENTRIC REDUCTION
- NAHTLOSE REDUZIERSTÜCK KONZENTRISCH
- RÉDUCTION CONCENTRIQUE SANS SOUDURE
- REDUCCIÓN CONCÉNTRICA SIN SOLDATURA

MATERIAL: P235GH (R.St.35.8/I)
NORM: EN 10253-2 (DIN 2616 serie 3)

CODE	DN1	DN2	DN1 mm	DN2 mm	S1 mm	S2 mm	L mm	kg		€
276355219	350	200	355,6	219,1	8	6,3	330	22	1	**on demand**
276355273	350	250	355,6	273	8	6,3	330	22	1	**on demand**
276355323	350	300	355,6	323,9	8	7,1	330	22	1	**on demand**
276406219	400	200	406,4	219,1	8,8	6,3	355	30	1	**on demand**
276406273	400	250	406,4	273	8,8	6,3	355	30	1	**on demand**
276406323	400	300	406,4	323,9	8,8	7,1	355	30	1	**on demand**
276406355	400	350	406,4	355,6	8,8	8	355	30	1	**on demand**
276508273	500	250	508	273	11	6,3	508	68	1	**on demand**
276508323	500	300	508	323,9	11	7,1	508	68	1	**on demand**
276508355	500	350	508	355,6	11	8	508	68	1	**on demand**
276508406	500	400	508	406,4	11	8,8	508	68	1	**on demand**
276609323	600	300	609,6	323,9	12,5	7,1	508	93	1	**on demand**
276609355	600	350	609,6	355,6	12,5	8	508	93	1	**on demand**
276609406	600	400	609,6	406,4	12,5	8,8	508	93	1	**on demand**
276609508	600	500	609,6	508	12,5	11	508	93	1	**on demand**

Tolleranze dimensionali / Dimensional tolerances
D = ± 1% D MIN ± 0,5 mm
S1 - S2 = S≤ 4 mm (-12,5% x S / +20% x S) S> 4 mm (-12,5% x S / +15% x S)
L = ± 2 mm ≤ DN 100 ± 3 mm, > DN 100 ≤ DN 200 ± 3 mm, > DN 200 ± 5 mm

R 20 23





705

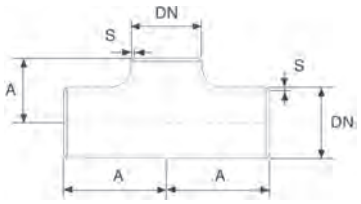
CURVA A SELLA 90° DIMA 3D DA TUBO SENZA SALDATURA

- SEAMLESS ELBOW WITH SADDLE 3D 90°
- NAHTLOSE EINSCHWEISSBOGEN 3D 90°
- PIQUAGE COUDÉ 3D 90° SANS SOUDURE
- CURVA PARA SOLDAR ENSILLADA 3D 90° DE TUBO SIN SOLDATURA

MATERIAL: P235TR1 - S235 (R.St.37.0)
NORM: DIN 2619

CODE	DN	DN inch	DN mm	S mm	l mm	R mm	kg		€
705424000	32	1"1/4	42,4	2,6	47,5	48	0,11	1	**70,13**
705483000	40	1"1/2	48,3	2,6	57	57	0,16	1	**73,94**
705603000	50	2"	60,3	2,9	76	76	0,30	1	**89,06**
705761000	65	2"1/2	76,1	2,9	95	95	0,48	1	**127,86**
705889000	80	3"	88,9	3,2	114,5	114	0,70	1	**150,30**
705101000	-	3"1/2	101,6	3,6	133,5	133	1,1	1	**254,95**
705108000	-	-	108	3,6	142,5	142	1,2	1	**260,74**
705114000	100	4"	114,3	3,6	152,5	152	1,4	1	**313,20**
705133000	-	-	133	4	181	181	2,2	1	**458,76**
705139000	125	5"	139,7	4	190,5	190	2,4	1	**511,33**
705159000	-	-	159	4,5	216	216	3,5	1	**550,54**
705168000	150	6"	168,3	4,5	228,5	228	3,5	1	**773,94**
705193000	-	-	193,7	5,6	270	270	6,4	1	**1439,33**
705219000	200	8"	219,1	6,3	305	305	9	1	**1951,60**
705273000	250	10"	273	6,3	381	381	15	1	**3970,66**

R 20 23





200 ISO

TEE NORMALE DA TUBO SS

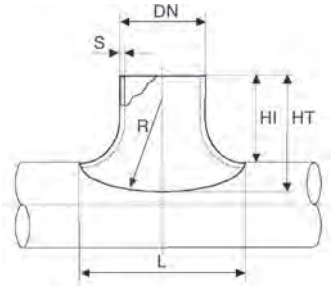
- SEAMLESS TEE
- NAHTLOSE T-STÜCK
- TEE SANS SOUDURE
- TE IGUAL SIN SOLDADURA

MATERIAL: P235GH (R.St.35.8/I)
NORM: EN 10253-2 (DIN 2615-1 serie 3)

CODE	DN	DN inch	DN mm	S mm	A mm	kg		€
200213001	15	1/2"	21,3	2	25	0,1	1	**20,46**
200269001	20	3/4"	26,9	2,3	29	0,16	1	**22,73**
200337001	25	1"	33,7	2,6	38	0,3	1	**25,45**
200424001	32	1"1/4	42,4	2,6	48	0,5	1	**29,41**
200483001	40	1"1/2	48,3	2,6	57	0,7	1	**33,99**
200603001	50	2"	60,3	2,9	64	1,1	1	**42,59**
200761001	65	2"1/2	76,1	2,9	76	1,7	1	**61,93**
200889001	80	3"	88,9	3,2	86	2	1	**88,18**
200114001	100	4"	114,3	3,6	105	3,5	1	**123,98**
200139001	125	5"	139,7	4	124	5,5	1	**180,70**
200168001	150	6"	168,3	4,5	143	8	1	**247,88**
200219001	200	8"	219,1	6,3	178	17	1	**689,72**
200273001	250	10"	273	6,3	216	26,5	1	**1435,29**
200323001	300	12"	323,9	7,1	254	42	1	**1957,12**
200355001	350	14"	355,6	8	279	71	1	**4254,71**
200406001	400	16"	406,4	8,8	305	85	1	**5508,56**

Tolleranze dimensionali / Dimensional tolerances
D = ± 1% D MIN ± 0,5 mm
S = S≤ 4 mm (-12,5% x S / +20% x S) S> 4 mm (-12,5% x S / +15% x S)
A = ± 2 mm ≤ DN 200 ± 3 mm > DN 200 ÷ 400

R 20 23





277

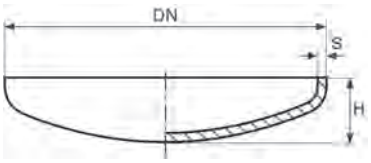
SCARPETTA DA TUBO SENZA SALDATURA

- SEAMLESS SADDLE STUB
- NAHTLOSE SATTELSTUTZEN
- PIQUAGE SANS SOUDURE
- RAMAL CURVO SIN SOLDADURA

MATERIAL: P235GH (R.St.35.8/I)
NORM: DIN 2618

CODE	DN	DN inch	DN mm	S mm	HT mm	HI mm	L mm	R mm	kg		€
277269000	20	3/4"	26,9	2,3	38	30	43	32	0,06	1	**23,11**
277337000	25	1"	33,7	2,6	50	30	53	42	0,08	1	**26,72**
277424000	32	1"1/4	42,4	2,6	50	35	67	55	0,13	1	**30,22**
277483000	40	1"1/2	48,3	2,6	64	40	76	60	0,18	1	**34,06**
277603000	50	2"	60,3	2,9	76	45	96	77	0,27	1	**44,94**
277700000	-	-	70	2,9	70	50	112	92	0,36	1	**55,56**
277761000	65	2"1/2	76,1	2,9	88	50	121	100	0,45	1	**57,53**
277889000	80	3"	88,9	3,2	88	60	142	122	0,6	1	**74,06**
277101600	-	3"1/2	101,6	3,6	91	65	161	138	1	1	**102,42**
277108000	-	-	108	3,6	97	65	172	144	1,05	1	**110,62**
277114000	100	4"	114,3	3,6	102	65	182	160	1,1	1	**122,23**
277133000	-	-	133	4	119	85	213	174	1,7	1	**174,58**
277139000	125	5"	139,7	4	125	85	222	182	1,8	1	**192,80**
277159000	-	-	159	4,5	143	100	254	212	2,7	1	**277,53**
277168000	150	6"	168,3	4,5	151	100	268	224	2,8	1	**304,04**
277193000	-	-	193,7	5,6	174	125	309	258	4,7	1	**708,92**
277219000	200	8"	219,1	6,3	197	135	355	295	6,4	1	**751,77**
277273000	250	10"	273	6,3	240	150	455	367	9,9	1	**1510,14**

R 20 24





800

FONDELLO BOMBATO

- CAP
- KLÖPPERBODEN
- FOND BOMBÉ
- CAP

MATERIAL: S235
NORM: EN 10253-1 (DIN 28011)

CODE	DN	DN inch	DN mm	H** mm	S mm	kg		€
800269000*	20	3/4"	26,9	13,3	2	0,02	50	**2,47**
800337000	25	1"	33,7	19	2,6	0,04	50	**2,40**
800424000	32	1"1/4	42,4	21	2,6	0,07	50	**2,54**
800483000	40	1"1/2	48,3	22	2,6	0,09	50	**3,04**
800570000	-	-	57	23	2,9	0,11	50	**3,88**
800603000	50	2"	60,3	24	2,9	0,13	50	**3,31**
800700000	-	-	70	26	2,9	0,16	30	**5,67**
800761000	65	2"1/2	76,1	27	2,9	0,18	30	**4,78**
800889000	80	3"	88,9	30	3,2	0,26	30	**6,10**
800101000	90	3"1/2	101,6	36	3,6	0,44	20	**15,60**
800108000	-	-	108	37	3,6	0,48	20	**15,60**
800114000	100	4"	114,3	38	3,6	0,54	15	**16,60**
800133000	-	-	133	42	4	0,71	15	**22,10**
800139000	125	5"	139,7	43	4	0,78	20	**30,55**
800159000	-	-	159	51	4,5	1,29	15	**39,82**
800168000	150	6"	168,3	53	4,5	1,42	10	**49,28**
800194000	175	-	193,7	62	5,6	2,32	10	**78,30**
800219000	200	8"	219,1	67	6,3	2,83	5	**86,51**
800244000	-	-	244,5	72	6,3	3,65	-	**165,62**
800273000	250	10"	273	77	6,3	4,38	-	**201,66**
800324000	300	12"	323,9	91	7,1	6,08	-	**240,03**
800355000	350	14"	355,6	101	8	7,5	-	**636,07**
800406000	400	16"	406,4	115	8,8	9,8	-	**821,98**

Tolleranze dimensionali / Dimensional tolerances
D = ± 1% D MIN ± 0,5 mm
H = Max 0,015 x D e / OR + 10/– 0 mm
S = –0% – +20% x S
(*) Dimensioni non previste nella norma EN 10253-1 – Sizes not provided in EN 10253-1

(**) Quota H: conforme a norma DIN 28011 / H dimension: conforme to norm DIN 28011

Cianfrini / Bevels
Form R per / for D ≤ 88,9 mm
Form YA per / for D ≥ 88,9 mm

FOCUS ON

PRESSIONE MASSIMA / *MAXIMUM PRESSURE* (bar)

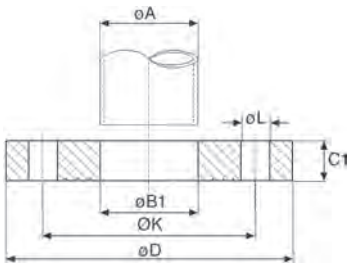
		D3	D5			
DN mm	Sp/Thk mm					
17,2	2	90	-	-	-	-
21,3	2	90	90	70	-	100
26,9	2,3	90	90	70	100	100
30	2,6	90	90	-	-	100
33,7	2,6	90	90	60	100	100
42,4	2,6	90	90	50	100	100
44,5	2,6	90	90	-	-	100
48,2	2,6	90	90	40	90	100
51	2,6	70	80	-	-	100
54	2,6	70	80	-	90	90
57	2,6	70	80	-	80	90
60,3	2,9	70	80	40	80	90
70	2,9	70	80	-	70	90
76,1	2,9	60	70	30	70	80
88,9	3,2	60	70	30	60	80
101,6	3,6	60	70	-	60	70
108	3,6	60	70	-	50	70
114,3	3,6	50	60	20	50	70
133	4	50	60	-	50	60
139,7	4	50	60	20	40	60
159	4,5	50	60	-	40	60
168,3	4,5	50	60	20	40	60
193,7	5,6	50	60	-	40	60
219,1	6,3	50	60	20	40	60
244,5	6,3	40	45	-	40	50
273	6,3	40	45	15	30	50
323,9	7,1	40	-	15	30	50
355,6	8	30	-	15	30	50
406	8,8	30	-	15	30	45
508	11	30	-	-		45
609	12,5	30	-	-		45

NOTE

Pmax (bar) indicative a 20°C per raccordi a saldare in acciaio al carbonio
Indicative Pmax (bar) at 20°C for welding fittings in carbon steel

Le sopra indicate pressioni massime sono puramente indicative.
Resta cura del progettista la scelta del materiale in funzione alle reali condizioni di utilizzo.
The above maximum pressures are indicative.
Planer must choose the materials in according to the real condition of work.

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FLANGIA PIANA

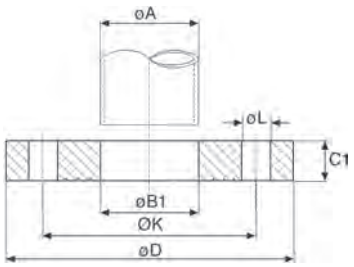
- PLATE FLANGE
- GLATTE FLANSCH
- BRIDE PLATE
- BRIDA PLANA

MATERIAL: P250GH / C22.8 (A 105)
NORM: EN 1092-1-01 tipo/type "A"

PN 6

CODE	Pipe		Flange					Bolts		kg		€
	DN	A mm	B1 mm	D mm	C1 mm	K mm	L mm	N°	Thr.			
410025006	25 - (1")	33,7	34,5	100	14	75	11	4	M 10	0,72	1	**18,98**
410032006	32 - (1"1/4)	42,4	43,5	120	16	90	14	4	M 12	1,16	1	**25,53**
410040006	40 - (1"1/2)	48,3	49,5	130	16	100	14	4	M 12	1,35	1	**29,89**
410050006	50 - (2")	60,3	61,5	140	16	110	14	4	M 12	1,48	1	**32,37**
410065006	65 - (2"1/2)	76,1	77,5	160	16	130	14	4	M 12	1,86	1	**41,67**
410080006	80 - (3")	88,9	90,5	190	18	150	18	4	M 16	2,95	1	**55,12**
410100006	100 - (4")	114,3	116	210	18	170	18	4	M 16	3,26	1	**59,64**
410125006	125 - (5")	139,7	141,5	240	20	200	18	8	M 16	4,31	1	**82,46**
410150006	150 - (6")	168,3	170,5	265	20	225	18	8	M 16	4,76	1	**100,04**
410200006	200 - (8")	219,1	221,5	320	22	280	18	8	M 16	6,88	1	**147,27**
410250006	250 - (10")	273	276,5	375	24	335	18	12	M 16	8,92	1	**on demand**
410300006	300 - (12")	323,9	327,5	440	24	395	22	12	M 20	11,9	1	**on demand**
410350006	350 - (14")	355,6	359,5	490	26	445	22	12	M 20	17	1	**on demand**
410400006	400 - (16")	406,4	411	540	28	495	22	16	M 20	20	1	**on demand**
410450006	450 - (18")	457	462	595	30	550	22	16	M 20	24,5	1	**on demand**
410500006	500 - (20")	508	513,5	645	30	600	22	20	M 20	26,5	1	**on demand**
410600006	600 - (24")	610	616,5	755	32	705	26	20	M 24	35	1	**on demand**

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FLANGIA PIANA

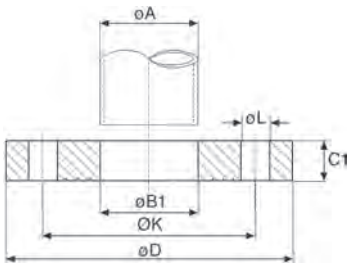
- PLATE FLANGE
- GLATTE FLANSCH
- BRIDE PLATE
- BRIDA PLANA

MATERIAL: P250GH / C22.8 (A 105)
NORM: EN 1092-1-01 tipo/type "A"

PN 10

CODE	PN	Pipe		Flange					Bolts		kg		€
		DN	A mm	B1 mm	D mm	C1 mm	K mm	L mm	N°	Thr.			
411015010	PN10=16=25=40	15 - (1/2")	21,3	22	95	14	65	14	4	M 12	0,67	1	**14,70**
411020010		20 - (3/4")	26,9	27,5	105	16	75	14	4	M 12	0,94	1	**18,78**
411025010		25 - (1")	33,7	34,5	115	16	85	14	4	M 12	1,11	1	**22,41**
411032010		32 - (1"1/4)	42,4	43,5	140	18	100	18	4	M 16	1,82	1	**28,89**
411040010		40 - (1"1/2)	48,3	49,5	150	18	110	18	4	M 16	2,08	1	**31,14**
411050010	PN10=16	50 - (2")	60,3	61,5	165	20	125	18	4	M 16	2,73	1	**39,34**
411065010		65 - (2"1/2)	76,1	77,5	185	20	145	18	8	M 16	3,16	1	**48,07**
412080016		80 - (3")	88,9	90,5	200	20	160	18	8	M 16	3,6	1	**69,78**
411100010		100 - (4")	114,3	116	220	22	180	18	8	M 16	4,39	1	**75,55**
411125010		125 - (5")	139,7	141,5	250	22	210	18	8	M 16	5,41	1	**94,35**
411150010		150 - (6")	168,3	170,5	285	24	240	22	8	M 20	7,14	1	**127,71**
411200010	PN10	200 - (8")	219,1	221,5	340	24	295	22	8	M 20	9,27	1	**212,10**
411250010		250 - (10")	273	276,5	395	26	350	22	12	M 20	11,8	1	**288,61**
411300010		300 - (12")	323,9	327,5	445	26	400	22	12	M 20	13,6	1	**352,41**
411350010		350 - (14")	355,6	359,5	505	28	460	22	16	M 20	21,8	1	**on demand**
411400010		400 - (16")	406,4	411	565	32	515	26	16	M 24	28	1	**on demand**
411450010		450 - (18")	457	462	615	36	565	26	20	M 24	33,6	1	**on demand**
411500010		500 - (20")	508	513,5	670	38	620	26	20	M 24	41	1	**on demand**

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FLANGIA PIANA

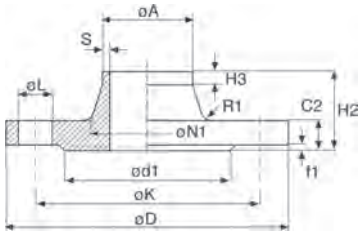
- PLATE FLANGE
- GLATTE FLANSCH
- BRIDE PLATE
- BRIDA PLANA

MATERIAL: P250GH / C22.8 (A 105)
NORM: EN 1092-1-01 tipo/type "A"

PN 16

CODE	PN	Pipe		Flange					Bolts		kg		€
		DN	A mm	B1 mm	D mm	C1 mm	K mm	L mm	N°	Thr.			
411015010	PN10=16=25=40	15 - (1/2")	21,3	22	95	14	65	14	4	M 12	0,67	1	**14,70**
411020010		20 - (3/4")	26,9	27,5	105	16	75	14	4	M 12	0,94	1	**18,78**
411025010		25 - (1")	33,7	34,5	115	16	85	14	4	M 12	1,11	1	**22,41**
411032010		32 - (1"1/4)	42,4	43,5	140	18	100	18	4	M 16	1,82	1	**28,89**
411040010		40 - (1"1/2)	48,3	49,5	150	18	110	18	4	M 16	2,08	1	**31,14**
411050010	PN10=16	50 - (2")	60,3	61,5	165	20	125	18	4	M 16	2,73	1	**39,34**
411065010		65 - (2"1/2)	76,1	77,5	185	20	145	18	8	M 16	3,16	1	**48,07**
412080016		80 - (3")	88,9	90,5	200	20	160	18	8	M 16	3,6	1	**69,78**
411100010		100 - (4")	114,3	116	220	22	180	18	8	M 16	4,39	1	**75,55**
411125010		125 - (5")	139,7	141,5	250	22	210	18	8	M 16	5,41	1	**94,35**
411150010		150 - (6")	168,3	170,5	285	24	240	22	8	M 20	7,14	1	**127,71**
412200016	PN16	200 - (8")	219,1	221,5	340	26	295	22	12	M 20	9,73	1	**214,89**
412250016		250 - (10")	273	276,5	405	29	355	26	12	M 24	14,2	1	**350,42**
412300016		300 - (12")	323,9	327,5	460	32	410	26	12	M 24	19,0	1	**417,03**
412350016		350 - (14")	355,6	359	520	35	470	26	16	M 24	28,2	1	**766,94**
412400016		400 - (16")	406,4	411	580	38	525	30	16	M 27	36,2	1	**846,38**
412450016		450 - (18")	457	462	640	42	585	30	20	M 27	46	1	**on demand**
412500016		500 - (20")	508	513,5	715	46	650	33	20	M 30	64	1	**on demand**

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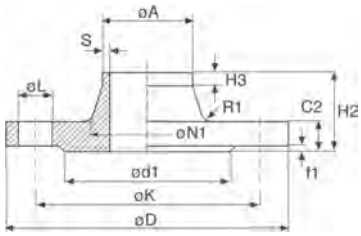
- WELDING NECK FLANGE
- VORSCHWEISS-FLANSCH
- BRIDE COLLERETTE
- BRIDA CUELLO

MATERIAL: P250GH / C22.8
NORM: EN 1092-1-11 tipo/type "B1"

PN 6

CODE	Pipe		Flange											Bolts		kg		€
	DN	A mm	D mm	H2 mm	N1 mm	S mm	R1 mm	H3 mm	d1 mm	K mm	f1 mm	C2 mm	L mm	N°	Thr.			
413015006	15 - (1/2")	21,3	80	30	30	2	4	6	40	55	2	12	11	4	M 10	0,45	1	13,27
413020006	20 - (3/4")	26,9	90	32	38	2,3	4	6	50	65	2	14	11	4	M 10	0,66	1	12,92
413025006	25 - (1")	33,7	100	35	42	2,6	4	6	60	75	2	14	11	4	M 10	0,83	1	13,98
413032006	32 - (1"1/4)	42,4	120	35	55	2,6	6	6	70	90	2	14	14	4	M 12	1,18	1	18,90
413040006	40 - (1"1/2)	48,3	130	38	62	2,6	6	7	80	100	3	14	14	4	M 12	1,4	1	20,73
413050006	50 - (2")	60,3	140	38	74	2,9	6	8	90	110	3	14	14	4	M 12	1,58	1	24,17
413065006	65 - (2"1/2)	76,1	160	38	88	2,9	6	9	110	130	3	14	14	4	M 12	1,95	1	32,42
413080006	80 - (3")	88,9	190	42	102	3,2	8	10	128	150	3	16	18	4	M 16	3,07	1	49,24
413100006	100 - (4")	114,3	210	45	130	3,6	8	10	148	170	3	16	18	4	M 16	3,56	1	59,20
413125006	125 - (5")	139,7	240	48	155	4	8	10	178	200	3	18	18	8	M 16	4,8	1	70,88
413150006	150 - (6")	168,3	265	48	184	4,5	10	12	202	225	3	18	18	8	M 16	5,52	1	83,95
413200006	200 - (8")	219,1	320	55	236	6,3	10	15	258	280	3	20	18	8	M 16	8,16	1	165,00

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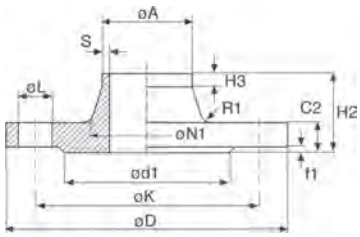
- WELDING NECK FLANGE
- VORSCHWEISS-FLANSCH
- BRIDE COLLERETTE
- BRIDA CUELLO

MATERIAL: P250GH / C22.8
NORM: EN 1092-1-11 tipo/type "B1"

PN 10

CODE	PN	Pipe		Flange											Bolts		kg		€
		DN	A mm	D mm	C2 mm	H2 mm	N1 mm	S mm	R1 mm	H3 mm	d1 mm	K mm	f1 mm	L mm	N°	Thr.			
415015016	PN10=16=25=40	15 - (1/2")	21,3	95	16	38	32	2	4	6	45	65	2	14	4	M 12	1	1	19,45
415020016		20 - (3/4")	26,9	105	18	40	40	2,3	4	6	58	75	2	14	4	M 12	1	1	20,59
415025016		25 - (1")	33,7	115	18	40	46	2,6	4	6	68	85	2	14	4	M 12	1,3	1	28,62
415032016		32 - (1"1/4)	42,4	140	18	42	56	2,6	6	6	78	100	2	18	4	M 16	1,91	1	33,25
415040016		40 - (1"1/2)	48,3	150	18	45	64	2,6	6	7	88	110	3	18	4	M 16	2,15	1	34,86
415050016	PN10=16	50 - (2")	60,3	165	18	45	74	2,9	6	8	102	125	3	18	4	M 16	2,53	1	40,58
415065016		65 - (2"1/2)	76,1	185	18	45	92	2,9	6	10	122	145	3	18	8	M 16	3,03	1	50,06
415080016		80 - (3")	88,9	200	20	50	105	3,2	6	10	138	160	3	18	8	M 16	3,92	1	65,94
415100016		100 - (4")	114,3	220	20	52	131	3,6	8	12	158	180	3	18	8	M 16	4,62	1	75,75
415125016		125 - (5")	139,7	250	22	55	156	4	8	12	188	210	3	18	8	M 16	6,3	1	97,31
415150016		150 - (6")	168,3	285	22	55	184	4,5	10	12	212	240	3	22	8	M 20	7,75	1	122,82
414200010	PN10	200 - (8")	219,1	340	24	62	234	6,3	10	16	268	295	3	22	8	M 20	11,3	1	196,07
414250010		250 - (10")	273	395	26	68	292	6,3	12	16	320	350	3	22	12	M 20	15,8	1	274,39
414300010		300 - (12")	323,9	445	26	68	342	7,1	12	16	370	400	4	22	12	M 20	18,3	1	378,32
414350010		350 - (14")	355,6	505	26	68	385	7,1	12	16	430	460	4	22	16	M 20	24,5	1	502,51
414400010		400 - (16")	406,4	565	26	72	440	7,1	12	16	482	515	4	26	16	M 24	29,5	1	1055,62

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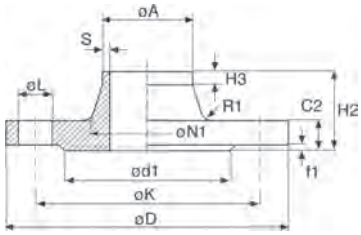
- WELDING NECK FLANGE
- VORSCHWEISS-FLANSCH
- BRIDE COLLERETTE
- BRIDA CUELLO

MATERIAL: P250GH / C22.8
NORM: EN 1092-1-11 tipo/type "B1"

PN 16

CODE	PN	Pipe		Flange											Bolts		kg		€
		DN	A mm	D mm	C2 mm	H2 mm	N1 mm	S mm	R1 mm	H3 mm	d1 mm	K mm	f1 mm	L mm	Nº	Thr.			
415015016	PN10=16=25=40	15 - (1/2")	21,3	95	16	38	32	2	4	6	45	65	2	14	4	M 12	1	1	**19,45**
415020016		20 - (3/4")	26,9	105	18	40	40	2,3	4	6	58	75	2	14	4	M 12	1	1	**20,59**
415025016		25 - (1")	33,7	115	18	40	46	2,6	4	6	68	85	2	14	4	M 12	1,3	1	**28,62**
415032016		32 - (1"1/4)	42,4	140	18	42	56	2,6	6	6	78	100	2	18	4	M 16	1,91	1	**33,25**
415040016		40 - (1"1/2)	48,3	150	18	45	64	2,6	6	7	88	110	3	18	4	M 16	2,15	1	**34,86**
415050016	PN10=16	50 - (2")	60,3	165	18	45	74	2,9	6	8	102	125	3	18	4	M 16	2,53	1	**40,58**
415065016		65 - (2"1/2)	76,1	185	18	45	92	2,9	6	10	122	145	3	18	8	M 16	3,03	1	**50,06**
415080016		80 - (3")	88,9	200	20	50	105	3,2	6	10	138	160	3	18	8	M 16	3,92	1	**65,94**
415100016		100 - (4")	114,3	220	20	52	131	3,6	8	12	158	180	3	18	8	M 16	4,62	1	**75,75**
415125016		125 - (5")	139,7	250	22	55	156	4	8	12	188	210	3	18	8	M 16	6,3	1	**97,31**
415150016		150 - (6")	168,3	285	22	55	184	4,5	10	12	212	240	3	22	8	M 20	7,75	1	**122,82**
415200016	PN16	200 - (8")	219,1	340	24	62	235	6,3	10	16	268	295	3	22	12	M 20	11,2	1	**203,87**
415250016		250 - (10")	273	405	26	70	292	6,3	12	16	320	355	3	26	12	M 24	16,7	1	**315,11**
415300016		300 - (12")	323,9	460	28	78	344	7,1	12	16	378	410	4	26	12	M 24	22,1	1	**429,22**
415350016		350 - (14")	355,6	520	30	82	390	8	12	16	438	470	4	26	16	M 24	32	1	**647,29**
415400016		400 - (16")	406,4	580	32	85	445	8	12	16	490	525	4	30	16	M 27	40	1	**1393,39**

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415/416/417

FLANGIA A COLLARINO

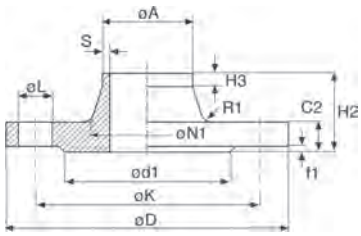
- WELDING NECK FLANGE
- VORSCHWEISS-FLANSCH
- BRIDE COLLERETTE
- BRIDA CUELLO

MATERIAL: P250GH / C22.8
NORM: EN 1092-1-11 tipo/type "B1"

PN 25

CODE	PN	Pipe		Flange											Bolts		kg		€
		DN	A mm	D mm	C2 mm	H2 mm	N1 mm	S mm	R1 mm	H3 mm	d1 mm	K mm	f1 mm	L mm	Nº	Thr.			
415015016	PN10=16=25=40	15 - (1/2")	21,3	95	16	38	32	2	4	6	45	65	2	14	4	M 12	1	1	19,45
415020016		20 - (3/4")	26,9	105	18	40	40	2,3	4	6	58	75	2	14	4	M 12	1	1	20,59
415025016		25 - (1")	33,7	115	18	40	46	2,6	4	6	68	85	2	14	4	M 12	1,3	1	28,62
415032016		32 - (1"1/4)	42,4	140	18	42	56	2,6	6	6	78	100	2	18	4	M 16	1,91	1	33,25
415040016		40 - (1"1/2)	48,3	150	18	45	64	2,6	6	7	88	110	3	18	4	M 16	2,15	1	34,86
417050040	PN25=40	50 - (2")	60,3	165	20	48	75	2,9	6	8	102	125	3	18	4	M 16	2,8	1	46,60
417065040		65 - (2"1/2)	76,1	185	22	52	90	2,9	6	10	122	145	3	18	8	M 16	3,7	1	61,16
417080040		80 - (3")	88,9	200	24	58	105	3,2	8	12	138	160	3	18	8	M 16	4,8	1	77,75
417100040		100 - (4")	114,3	235	24	65	134	3,6	8	12	162	190	3	22	8	M 20	6,5	1	104,49
417125040		125 - (5")	139,7	270	26	68	162	4	8	12	188	220	3	26	8	M 24	9,1	1	136,18
417150040		150 - (6")	168,3	300	28	75	192	4,5	10	12	218	250	3	26	8	M 24	11,8	1	179,89
416200025	PN25	200 - (8")	219,1	360	30	80	244	6,3	10	16	278	310	3	26	12	M 24	17	1	307,72
416250025		250 - (10")	273	425	32	88	298	7,1	12	18	335	370	3	30	12	M 27	24,4	1	435,98
416300025		300 - (12")	323,9	485	34	92	352	8	12	18	395	430	4	30	16	M 27	31,2	1	627,14

R 30 30





415/417

FLANGIA A COLLARINO

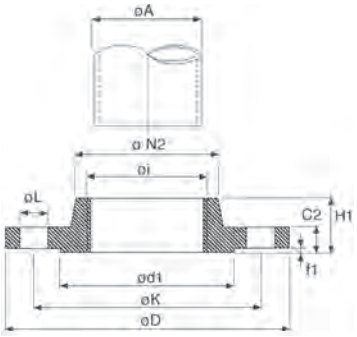
- WELDING NECK FLANGE
- VORSCHWEISS-FLANSCH
- BRIDE COLLERETTE
- BRIDA CUELLO

MATERIAL: P250GH / C22.8
NORM: EN 1092-1-11 tipo/type "B1"

PN 40

CODE	PN	Pipe		Flange											Bolts		kg		€
		DN	A mm	D mm	C2 mm	H2 mm	N1 mm	S mm	R1 mm	H3 mm	d1 mm	K mm	f1 mm	L mm	Nº	Thr.			
415015016	PN10=16=25=40	15 - (1/2")	21,3	95	16	38	32	2	4	6	45	65	2	14	4	M 12	1	1	19,45
415020016		20 - (3/4")	26,9	105	18	40	40	2,3	4	6	58	75	2	14	4	M 12	1	1	20,59
415025016		25 - (1")	33,7	115	18	40	46	2,6	4	6	68	85	2	14	4	M 12	1,3	1	28,62
415032016		32 - (1"1/4)	42,4	140	18	42	56	2,6	6	6	78	100	2	18	4	M 16	1,91	1	33,25
415040016		40 - (1"1/2)	48,3	150	18	45	64	2,6	6	7	88	110	3	18	4	M 16	2,15	1	34,86
417050040	PN25=40	50 - (2")	60,3	165	20	48	75	2,9	6	8	102	125	3	18	4	M 16	2,8	1	46,60
417065040		65 - (2"1/2)	76,1	185	22	52	90	2,9	6	10	122	145	3	18	8	M 16	3,7	1	61,16
417080040		80 - (3")	88,9	200	24	58	105	3,2	8	12	138	160	3	18	8	M 16	4,8	1	77,75
417100040		100 - (4")	114,3	235	24	65	134	3,6	8	12	162	190	3	22	8	M 20	6,5	1	104,49
417125040		125 - (5")	139,7	270	26	68	162	4	8	12	188	220	3	26	8	M 24	9,1	1	136,18
417150040		150 - (6")	168,3	300	28	75	192	4,5	10	12	218	250	3	26	8	M 24	11,8	1	179,89
417200040	PN40	200 - (8")	219,1	375	34	88	244	6,3	10	16	285	320	3	30	12	M 27	21,5	1	367,65
417250040		250 - (10")	273	450	38	105	306	7,1	12	18	345	385	3	33	12	M 30	34,9	1	573,86
417300040		300 - (12")	323,9	515	42	115	362	8	12	18	410	450	4	33	16	M 30	49,7	1	926,43

R 30 30





418

FLANGIA FILETTATA

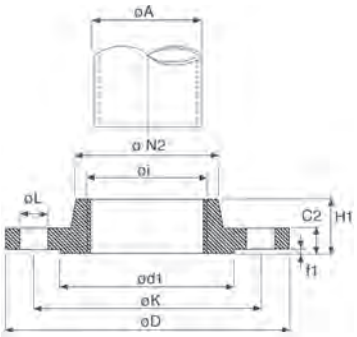
- THREADED FLANGES
- GEWINDEFLANSCH
- BRIDE FILETÉ
- BRIDA ROSCADA

MATERIAL: P250GH / C22.8
NORM: EN 1092-1-13 tipo/type "B1"

PN 6

CODE	Pipe		Flange									Bolts		kg		€
	DN	A mm	Thr. ⌀i	D mm	C2 mm	H1 mm	N2 mm	d1 mm	K mm	f1 mm	L mm	N°	Thr.			
418015006	15	21,3	Rp 1/2"	80	12	20	30	40	55	2	11	4	M 10	0,43	1	**13,73**
418020006	20	26,9	Rp 3/4"	90	14	24	40	50	65	2	11	4	M 10	0,66	1	**16,38**
418025006	25	33,7	Rp 1"	100	14	24	50	60	75	2	11	4	M 10	0,82	1	**17,67**
418032006	32	42,4	Rp 1"1/4	120	14	26	60	70	90	2	14	4	M 12	1,17	1	**21,99**
418040006	40	48,3	Rp 1"1/2	130	14	26	70	80	100	3	14	4	M 12	1,4	1	**25,10**
418050006	50	60,3	Rp 2"	140	14	28	80	90	110	3	14	4	M 12	1,59	1	**27,70**
418065006	65	76,1	Rp 2"1/2	160	14	32	100	110	130	3	14	4	M 12	2,17	1	**35,73**
418080006	80	88,9	Rp 3"	190	16	34	110	128	150	3	18	4	M 16	3,2	1	**55,64**
418100006	100	114,3	Rp 4"	210	16	40	130	148	170	3	18	4	M 16	3,59	1	**57,68**

R 30 30





419

FLANGIA FILETTATA

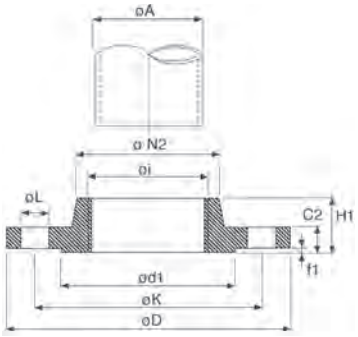
- THREADED FLANGES
- GEWINDEFLANSCH
- BRIDE FILETÉ
- BRIDA ROSCADA

MATERIAL: P250GH / C22.8
NORM: EN 1092-1-13 tipo/type "B1"

PN 10/16

CODE	PN	Pipe		Flange									Bolts		kg		€
		DN	A mm	Thr. ⌀i	D mm	C2 mm	H1 mm	N2 mm	d1 mm	K mm	f1 mm	L mm	N°	Thr.			
419015010	PN10=16=25=40	15	21,3	Rp 1/2"	95	16	22	35	45	65	2	14	4	M 12	0,5	1	**17,08**
419020010		20	26,9	Rp 3/4"	105	18	26	45	58	75	2	14	4	M 12	1	1	**21,24**
419025010		25	33,7	Rp 1"	115	18	28	52	68	85	2	14	4	M 12	1,5	1	**22,77**
419032010		32	42,4	Rp 1"1/4	140	18	30	60	78	100	2	18	4	M 16	2	1	**30,32**
419040010		40	48,3	Rp 1"1/2	150	18	32	70	88	110	4	18	4	M 16	2,1	1	**32,63**
419050010	PN10=16	50	60,3	Rp 2"	165	18	28	84	102	125	4	18	4	M 16	2,5	1	**41,26**
419065010		65	76,1	Rp 2"1/2	185	18	32	104	122	145	4	18	8	M 16	3	1	**50,47**
419080016		80	88,9	Rp 3"	200	20	34	118	138	160	4	18	8	M 16	4	1	**73,25**
419100010		100	114,3	Rp 4"	220	20	40	140	158	180	4	18	8	M 16	4,5	1	**79,30**
419125010		125	139,7	Rp 5"	250	22	44	168	188	210	4	18	8	M 16	6,5	1	**101,57**
419150010		150	168,3	Rp 6"	285	22	44	195	212	240	4	22	8	M 20	7,5	1	**135,41**

R 30 30





419/Z

FLANGIA FILETTATA ZINCATA

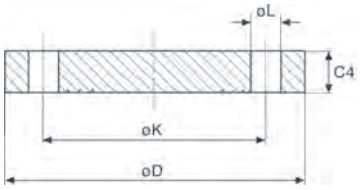
- GALVANIZED THREADED FLANGES
- GEWINDE-VERZINKT FLANSCH
- BRIDE FILETÉ GALVANISÉ
- BRIDA ROSCADA ZINCADA

MATERIAL: P250GH / C22.8
NORM: EN 1092-1-13 tipo/type "B1"

PN 10/16

CODE	PN	Pipe		Flange									Bolts		kg		€
		DN	A mm	Thr. ⌀i	D mm	C2 mm	H1 mm	N2 mm	d1 mm	K mm	f1 mm	L mm	N°	Thr.			
419015010Z	PN10=16=25=40	15	21,3	Rp 1/2"	95	16	22	35	45	65	2	14	4	M 12	0,5	1	**21,29**
419020010Z		20	26,9	Rp 3/4"	105	18	26	45	58	75	2	14	4	M 12	1	1	**26,49**
419025010Z		25	33,7	Rp 1"	115	18	28	52	68	85	2	14	4	M 12	1,5	1	**28,43**
419032010Z		32	42,4	Rp 1"1/4	140	18	30	60	78	100	2	18	4	M 16	2	1	**37,29**
419040010Z		40	48,3	Rp 1"1/2	150	18	32	70	88	110	4	18	4	M 16	2,1	1	**42,07**
419050010Z	PN10=16	50	60,3	Rp 2"	165	18	28	84	102	125	4	18	4	M 16	2,5	1	**52,37**
419065010Z		65	76,1	Rp 2"1/2	185	18	32	104	122	145	4	18	8	M 16	3	1	**68,31**
419080016Z		80	88,9	Rp 3"	200	20	34	118	138	160	4	18	8	M 16	4	1	**89,03**
419100010Z		100	114,3	Rp 4"	220	20	40	140	158	180	4	18	8	M 16	4,5	1	**92,22**
419125010Z		125	139,7	Rp 5"	250	22	44	168	188	210	4	18	8	M 16	6,5	1	**126,97**
419150010Z		150	168,3	Rp 6"	285	22	44	195	212	240	4	22	8	M 20	7,5	1	**169,18**

R 30 30





420

FLANGIA CIECA

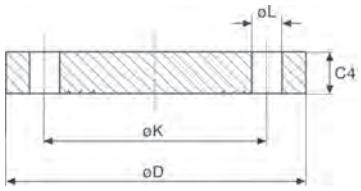
- BLIND FLANGE
- BLINDFLANSCH
- BRIDE PLEINE
- BRIDA CIEGA

MATERIAL: P250GH / C22.8
NORM: EN 1092-1-05 tipo/type "A"

PN 6

CODE	DN	Flange				Bolts		kg		€
		C4 mm	D mm	K mm	L mm	Nº	Thr.			
420015006	15 - (1/2")	12	80	55	11	4	M 10	0,5	1	**21,21**
420020006	20 - (3/4")	14	90	65	11	4	M 10	0,7	1	**21,66**
420025006	25 - (1")	14	100	75	11	4	M 10	0,8	1	**23,65**
420032006	32 - (1"1/4)	16	120	90	14	4	M 12	1,2	1	**31,50**
420040006	40 - (1"1/2)	16	130	100	14	4	M 12	1,4	1	**35,95**
420050006	50 - (2")	16	140	110	14	4	M 12	1,6	1	**48,06**
420065006	65 - (2"1/2)	16	160	130	14	4	M 12	2,2	1	**60,07**
420080006	80 - (3")	18	190	150	18	4	M 16	3,4	1	**75,56**
420100006	100 - (4")	18	210	170	18	4	M 16	4,2	1	**94,31**
420125006	125 - (5")	20	240	200	18	8	M 16	6,1	1	**131,34**
420150006	150 - (6")	20	265	225	18	8	M 16	7,5	1	**187,53**
420200006	200 - (8")	22	320	280	18	8	M 16	12,3	1	**312,20**
420250006	250 - (10")	24	375	335	18	12	M 16	18,5	1	**493,73**
420300006	300 - (12")	24	440	395	22	12	M 20	25,5	1	**664,56**
420350006	350 - (14")	26	490	445	22	12	M 20	31,8	1	**on demand**
420400006	400 - (16")	28	540	495	22	16	M 20	38,5	1	**on demand**
420450006	450 - (18")	30	595	550	22	16	M 20	46,9	1	**on demand**
420500006	500 - (20")	30	645	600	22	20	M 20	60,1	1	**on demand**

R 30 30





421/422

FLANGIA CIECA

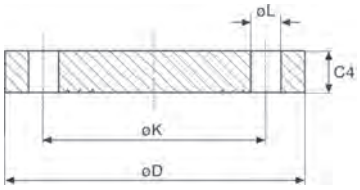
- BLIND FLANGE
- BLINDFLANSCH
- BRIDE PLEINE
- BRIDA CIEGA

MATERIAL: P250GH / C22.8
NORM: EN 1092-1-05 tipo/type "A"

PN 10

CODE	PN	DN	Flange				Bolts		kg		€
			C4 mm	D mm	K mm	L mm	Nº	Thr.			
422015016	PN10=16=25=40	15 - (1/2")	16	95	65	14	4	M 12	0,8	1	21,57
422020016		20 - (3/4")	18	105	75	14	4	M 12	1,1	1	22,38
422025016		25 - (1")	18	115	85	14	4	M 12	1,4	1	24,00
422032016		32 - (1"1/4)	18	140	100	18	4	M 16	2	1	32,39
422040016		40 - (1"1/2)	18	150	110	18	4	M 16	2,4	1	36,89
422050016	PN10=16	50 - (2")	18	165	125	18	4	M 16	2,9	1	49,49
422065016		65 - (2"1/2)	18	185	145	18	8	M 16	3,7	1	61,83
422080016		80 - (3")	20	200	160	18	8	M 16	4,6	1	77,72
422100016		100 - (4")	20	220	180	18	8	M 16	5,7	1	97,07
422125016		125 - (5")	22	250	210	18	8	M 16	8,1	1	135,18
422150016		150 - (6")	22	285	240	22	8	M 20	10,5	1	193,02
421200010	PN10	200 - (8")	24	340	295	22	8	M 20	16,5	1	330,57
421250010		250 - (10")	26	395	350	22	12	M 20	24	1	499,62
421300010		300 - (12")	26	445	400	22	12	M 20	31	1	718,79
421350010		350 - (14")	26	505	460	22	16	M 20	40	1	on demand
421400010		400 - (16")	26	565	515	26	16	M 24	50	1	on demand
421450010		450 - (18")	28	615	565	26	20	M 24	63	1	on demand
421500010		500 - (20")	28	670	620	26	20	M 24	75	1	on demand

R 30 30





422

FLANGIA CIECA

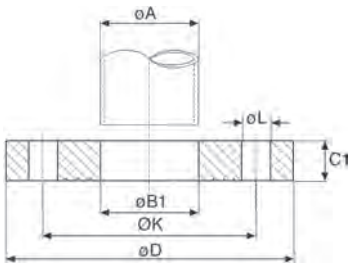
- BLIND FLANGE
- BLINDFLANSCH
- BRIDE PLEINE
- BRIDA CIEGA

MATERIAL: P250GH / C22.8
NORM: EN 1092-1-05 tipo/type "A"

PN 16

CODE	PN	DN	Flange				Bolts		kg		€
			C4 mm	D mm	K mm	L mm	N°	Thr.			
422015016	PN10=16=25=40	15 - (1/2")	16	95	65	14	4	M 12	0,8	1	**21,57**
422020016		20 - (3/4")	18	105	75	14	4	M 12	1,1	1	**22,38**
422025016		25 - (1")	18	115	85	14	4	M 12	1,4	1	**24,00**
422032016		32 - (1"1/4)	18	140	100	18	4	M 16	2	1	**32,39**
422040016		40 - (1"1/2)	18	150	110	18	4	M 16	2,4	1	**36,89**
422050016	PN10=16	50 - (2")	18	165	125	18	4	M 16	2,9	1	**49,49**
422065016		65 - (2"1/2)	18	185	145	18	8	M 16	3,7	1	**61,83**
422080016		80 - (3")	20	200	160	18	8	M 16	4,6	1	**77,72**
422100016		100 - (4")	20	220	180	18	8	M 16	5,7	1	**97,07**
422125016		125 - (5")	22	250	210	18	8	M 16	8,1	1	**135,18**
422150016		150 - (6")	22	285	240	22	8	M 20	10,5	1	**193,02**
422200016	PN16	200 - (8")	24	340	295	22	12	M 20	16,5	1	**336,77**
422250016		250 - (10")	26	405	355	26	12	M 24	25	1	**509,36**
422300016		300 - (12")	28	460	410	26	12	M 24	35	1	**736,05**
422350016		350 - (14")	30	520	470	26	16	M 24	48	1	**on demand**
422400016		400 - (16")	32	580	525	30	16	M 27	63,5	1	**on demand**
422450016		450 - (18")	40	640	585	30	20	M 27	96,5	1	**on demand**
422500016		500 - (20")	44	715	650	33	20	M 30	133	1	**on demand**

R 30 31





410/I IMPORT

FLANGIA PIANA

- PLATE FLANGE
- GLATTE FLANSCH
- BRIDE PLATE
- BRIDA PLANA

MATERIAL: S 235 JR (R.St. 37.2)
Fino ad esaurimento scorte
Available while supplies last

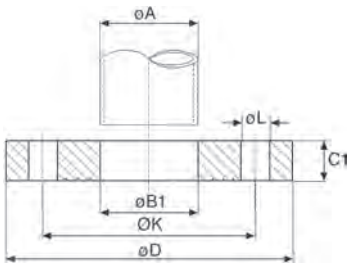
P 245 GH
Nuovo materiale - New material

PN 6

NORM: EN 1092-1-01 tipo/type "A"

CODE	Pipe		Flange					Bolts		kg		€
	DN	A mm	B1 mm	D mm	C1 mm	K mm	L mm	N°	Thr.			
4100250061	25 - (1")	33,7	34,5	100	14	75	11	4	M 10	0,72	1	**12,02**
4100320061	32 - (1"1/4)	42,4	43,5	120	16	90	14	4	M 12	1,16	1	**15,21**
4100400061	40 - (1"1/2)	48,3	49,5	130	16	100	14	4	M 12	1,35	1	**22,97**
4100500061	50 - (2")	60,3	61,5	140	16	110	14	4	M 12	1,48	1	**23,71**
4100650061	65 - (2"1/2)	76,1	77,5	160	16	130	14	4	M 12	1,86	1	**30,44**
4100800061	80 - (3")	88,9	90,5	190	18	150	18	4	M 16	2,95	1	**45,60**
4101000061	100 - (4")	114,3	116	210	18	170	18	4	M 16	3,26	1	**53,35**
4101250061	125 - (5")	139,7	141,5	240	20	200	18	8	M 16	4,31	1	**68,56**
4101500061	150 - (6")	168,3	170,5	265	20	225	18	8	M 16	4,76	1	**76,13**
4102000061	200 - (8")	219,1	221,5	320	22	280	18	8	M 16	6,88	1	**113,84**
4102500061	250 - (10")	273	276,5	375	24	335	18	12	M 16	8,92	1	**146,54**
4103000061	300 - (12")	323,9	327,5	440	24	395	22	12	M 20	11,9	1	**219,26**

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411/I IMPORT

FLANGIA PIANA

- PLATE FLANGE
- GLATTE FLANSCH
- BRIDE PLATE
- BRIDA PLANA

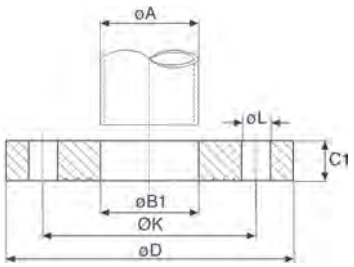
MATERIAL: S 235 JR (R.St. 37.2)
Fino ad esaurimento scorte
Available while supplies last

P 245 GH
Nuovo materiale - New material

PN 10 **NORM:** EN 1092-1-01 tipo/type "A"

CODE	PN	Pipe		Flange					Bolts		kg		€
		DN	A mm	B1 mm	D mm	C1 mm	K mm	L mm	N°	Thr.			
4110150101	PN10=16=25=40	15 - (1/2")	21,3	22	95	14	65	14	4	M 12	0,67	1	**14,31**
4110200101		20 - (3/4")	26,9	27,5	105	16	75	14	4	M 12	0,94	1	**17,79**
4110250101		25 - (1")	33,7	34,5	115	16	85	14	4	M 12	1,11	1	**18,50**
4110320101		32 - (1"1/4)	42,4	43,5	140	18	100	18	4	M 16	1,82	1	**32,51**
4110400101		40 - (1"1/2)	48,3	49,5	150	18	110	18	4	M 16	2,08	1	**33,52**
4110500101	PN10=16	50 - (2")	60,3	61,5	165	20	125	18	4	M 16	2,73	1	**40,81**
4110650101		65 - (2"1/2)	76,1	77,5	185	20	145	18	8	M 16	3,16	1	**48,76**
4120800161		80 - (3")	88,9	90,5	200	20	160	18	8	M 16	3,6	1	**54,58**
4111000101		100 - (4")	114,3	116	220	22	180	18	8	M 16	4,39	1	**68,78**
4111250101		125 - (5")	139,7	141,5	250	22	210	18	8	M 16	5,41	1	**87,37**
4111500101		150 - (6")	168,3	170,5	285	24	240	22	8	M 20	7,14	1	**108,04**
4112000101	PN10	200 - (8")	219,1	221,5	340	24	295	22	8	M 20	9,27	1	**155,03**
4112500101		250 - (10")	273	276,5	395	26	350	22	12	M 20	11,8	1	**190,98**
4113000101		300 - (12")	323,9	327,5	445	26	400	22	12	M 20	13,6	1	**231,33**
4113500101		350 - (14")	355,6	359,5	505	28	460	22	16	M 20	21,8	1	**348,76**

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411/I - 412/I IMPORT

FLANGIA PIANA

- PLATE FLANGE
- GLATTE FLANSCH
- BRIDE PLATE
- BRIDA PLANA

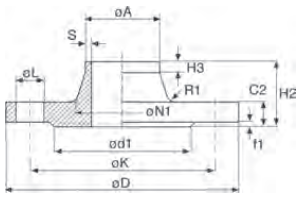
MATERIAL: S 235 JR (R.St. 37.2)
Fino ad esaurimento scorte
Available while supplies last

P 245 GH
Nuovo materiale - New material

PN 16 **NORM:** EN 1092-1-01 tipo/type "A"

CODE	PN	Pipe		Flange					Bolts		kg		€
		DN	A mm	B1 mm	D mm	C1 mm	K mm	L mm	N°	Thr.			
411015010I	PN10=16=25=40	15 - (1/2")	21,3	22	95	14	65	14	4	M 12	0,67	1	**14,31**
411020010I		20 - (3/4")	26,9	27,5	105	16	75	14	4	M 12	0,94	1	**17,79**
411025010I		25 - (1")	33,7	34,5	115	16	85	14	4	M 12	1,11	1	**18,50**
411032010I		32 - (1"1/4)	42,4	43,5	140	18	100	18	4	M 16	1,82	1	**32,51**
411040010I		40 - (1"1/2)	48,3	49,5	150	18	110	18	4	M 16	2,08	1	**33,52**
411050010I	PN10=16	50 - (2")	60,3	61,5	165	20	125	18	4	M 16	2,73	1	**40,81**
411065010I		65 - (2"1/2)	76,1	77,5	185	20	145	18	8	M 16	3,16	1	**48,76**
412080016I		80 - (3")	88,9	90,5	200	20	160	18	8	M 16	3,6	1	**54,58**
411100010I		100 - (4")	114,3	116	220	22	180	18	8	M 16	4,39	1	**68,78**
411125010I		125 - (5")	139,7	141,5	250	22	210	18	8	M 16	5,41	1	**87,37**
411150010I		150 - (6")	168,3	170,5	285	24	240	22	8	M 20	7,14	1	**108,04**
412200016I	PN16	200 - (8")	219,1	221,5	340	26	295	22	12	M 20	9,73	1	**156,49**
412250016I		250 - (10")	273	276,5	405	29	355	26	12	M 24	14,2	1	**223,72**
412300016I		300 - (12")	323,9	327,5	460	32	410	26	12	M 24	19,0	1	**316,53**
412350016I		350 - (14")	355,6	359	520	35	470	26	16	M 24	28,2	1	**456,17**

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414/415 IMPORT

FLANGIA A COLLARINO

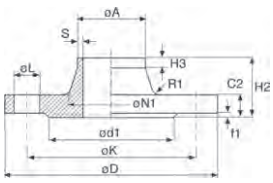
- WELDING NECK FLANGE
- VORSCHWEISS-FLANSCH
- BRIDE COLLERETTE
- BRIDA CUELLO

PN 10

MATERIAL: P250GH / C22.8
NORM: EN 1092-1-11 tipo/type "B1"

CODE	PN	Pipe		Flange											Bolts		kg		€
		DN	A mm	D mm	C2 mm	H2 mm	N1 mm	S mm	R1 mm	H3 mm	d1 mm	K mm	f1 mm	L mm	Nº	Thr.			
4150250161	PN10=40	25 - (1")	33,7	115	18	40	46	2,6	4	6	68	85	2	14	4	M 12	1,3	1	29,58
4150320161		32 - (1"1/4)	42,4	140	18	42	56	2,6	6	6	78	100	2	18	4	M 16	1,91	1	36,32
4150400161		40 - (1"1/2)	48,3	150	18	45	64	2,6	6	7	88	110	3	18	4	M 16	2,15	1	36,69
4150500161	PN10=16	50 - (2")	60,3	165	18	45	74	2,9	6	8	102	125	3	18	4	M 16	2,53	1	40,15
4150650161		65 - (2"1/2)	76,1	185	18	45	92	2,9	6	10	122	145	3	18	8	M 16	3,03	1	48,08
4150800161		80 - (3")	88,9	200	20	50	105	3,2	6	10	138	160	3	18	8	M 16	3,92	1	62,21
4151000161		100 - (4")	114,3	220	20	52	131	3,6	8	12	158	180	3	18	8	M 16	4,62	1	76,66
4151250161		125 - (5")	139,7	250	22	55	156	4	8	12	188	210	3	18	8	M 16	6,3	1	104,50
4151500161		150 - (6")	168,3	285	22	55	184	4,5	10	12	212	240	3	22	8	M 20	7,75	1	129,57
4142000101	PN10	200 - (8")	219,1	340	24	62	234	6,3	10	16	268	295	3	22	8	M 20	11,3	1	192,47
4142500101		250 - (10")	273	395	26	68	292	6,3	12	16	320	350	3	22	12	M 20	15,8	1	262,15
4143000101		300 - (12")	323,9	445	26	68	342	7,1	12	16	370	400	4	22	12	M 20	18,3	1	303,57

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415 IMPORT

FLANGIA A COLLARINO

- WELDING NECK FLANGE
- VORSCHWEISS-FLANSCH
- BRIDE COLLERETTE
- BRIDA CUELLO

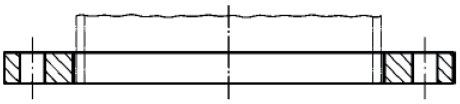
PN 16

MATERIAL: P250GH / C22.8
NORM: EN 1092-1-11 tipo/type "B1"

CODE	PN	Pipe		Flange											Bolts		kg		€
		DN	A mm	D mm	C2 mm	H2 mm	N1 mm	S mm	R1 mm	H3 mm	d1 mm	K mm	f1 mm	L mm	Nº	Thr.			
4150250161	PN10=40	25 - (1")	33,7	115	18	40	46	2,6	4	6	68	85	2	14	4	M 12	1,3	1	29,58
4150320161		32 - (1"1/4)	42,4	140	18	42	56	2,6	6	6	78	100	2	18	4	M 16	1,91	1	36,32
4150400161		40 - (1"1/2)	48,3	150	18	45	64	2,6	6	7	88	110	3	18	4	M 16	2,15	1	36,69
4150500161	PN10=16	50 - (2")	60,3	165	18	45	74	2,9	6	8	102	125	3	18	4	M 16	2,53	1	40,15
4150650161		65 - (2"1/2)	76,1	185	18	45	92	2,9	6	10	122	145	3	18	8	M 16	3,03	1	48,08
4150800161		80 - (3")	88,9	200	20	50	105	3,2	6	10	138	160	3	18	8	M 16	3,92	1	62,21
4151000161		100 - (4")	114,3	220	20	52	131	3,6	8	12	158	180	3	18	8	M 16	4,62	1	76,66
4151250161		125 - (5")	139,7	250	22	55	156	4	8	12	188	210	3	18	8	M 16	6,3	1	104,50
4151500161		150 - (6")	168,3	285	22	55	184	4,5	10	12	212	240	3	22	8	M 20	7,75	1	129,57
4152000161	PN16	200 - (8")	219,1	340	24	62	235	6,3	10	16	268	295	3	22	12	M 20	11,2	1	194,40
4152500161		250 - (10")	273	405	26	70	292	6,3	12	16	320	355	3	26	12	M 24	16,7	1	277,04
4153000161		300 - (12")	323,9	460	28	78	344	7,1	12	16	378	410	4	26	12	M 24	22,1	1	366,61

FOCUS ON

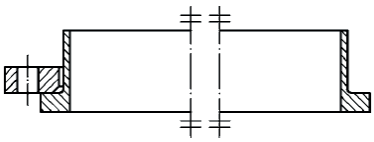
TIPI DI FLANGE / *FLANGE TYPES - NORMA / NORM EN 1092-1*



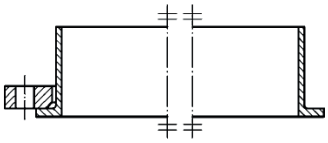
Type 01: Flangia a piastra (piana) da saldare
Plate flange for welding



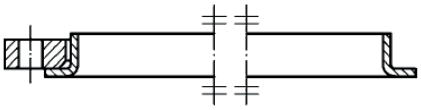
Type 02: Flangia libera piana con collarino a saldare o con estremità tubo a sovrapposizione
Loose plate flange with weld-on collar or lapped pipe end



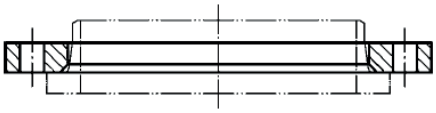
Type 02: Flangia libera piana con colletto ad anello a saldare
Loose plate flange with weld ring neck



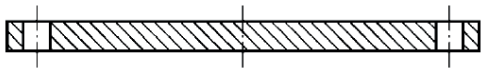
Type 02: Flangia libera piana con anello stampato a collo lungo
Loose plate flange with pressed collar with long neck



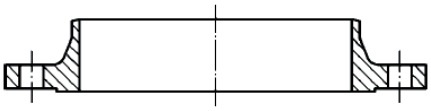
Type 02: Flangia libera piana con collarino stampato
Loose plate flange with pressed collar



Type 04: Flangia a piastra mobile con colletto a saldare su collare
Loose plate flange with weld-neck collar



Type 05: Flangia cieca / *Blind flange*



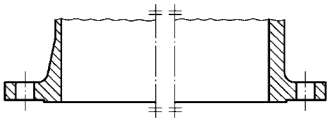
Type 11: Flangia a collarino da saldare / *Weld-neck flange*



Type 12: Flangia con collare e manicotto, da saldare
Hubbed slip-on flange for welding

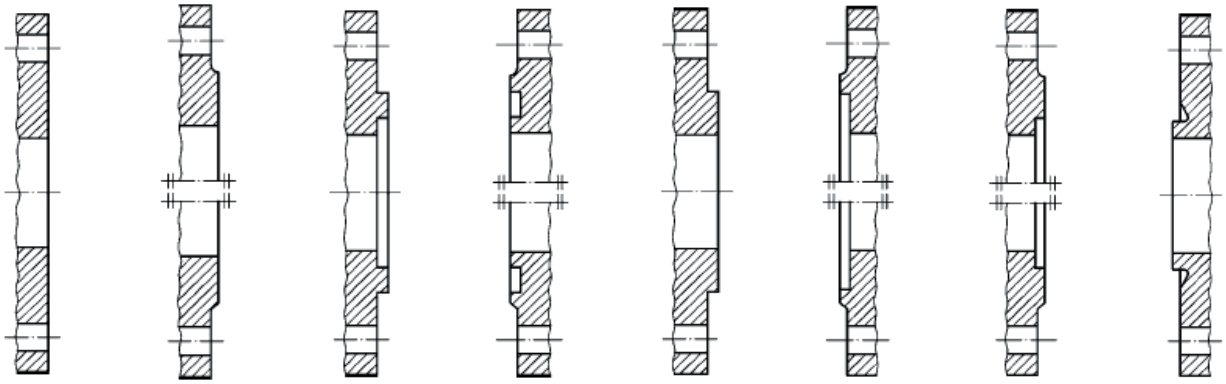


Type 13: Flangia con manicotto filettato
Hubbed threaded flange

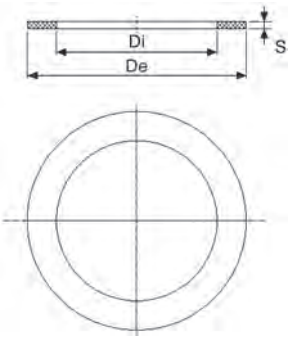


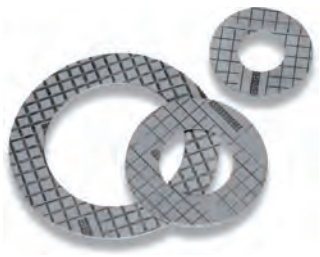
Type 21: Flangia monoblocco / *Integral flange*

TIPI DI SEDE FLANGE / *FLANGE FACING TYPES - NORMA / NORM EN 1092-1*



Tipo / *type A*	**Tipo / *type B***	**Tipo / *type C***	**Tipo / *type D***	**Tipo / *type E***	**Tipo / *type F***	**Tipo / *type G***	**Tipo / *type H***
Supercie di tenuta piatta *Flat face*	Tenuta a gradino (B1 e B2) *Raised face (B1 and B2)*	A linguetta *Tongue*	A scanalatura *Groove*	A imboccatura *Spigot*	Incassata *Recess*	A imboccatura con anello toroidale *O-ring spigot*	A scanalatura con anello toroidale *O-ring groove*





R 30 30

434/PN 6

GUARNIZIONE ECOLOGICA PER FLANGE

- GASKET FOR FLANGE
- FLANSCHDICHTUNG
- JOINT POUR BRIDE
- JUNTA ECOLÓGICA PARA BRIDA

MATERIAL: Sesalit Eco
NORM: EN 1092-1

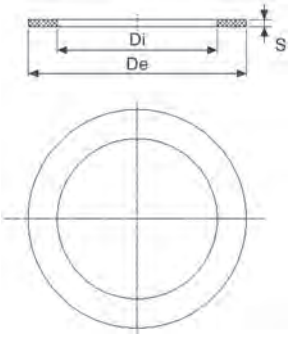
PN 6

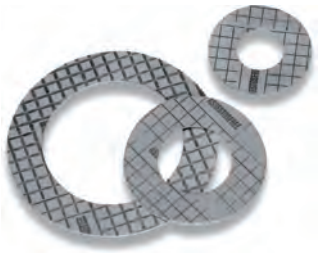
CODE	DN	De mm	Di mm	S mm	g		€
434015006	15 - (1/2")	44	20	2	4	10	**0,82**
434020006	20 - (3/4")	54	25	2	6	10	**1,20**
434025006	25 - (1")	64	30	2	9	10	**1,67**
434032006	32 - (1"1/4)	75	38	2	11	10	**2,24**
434040006	40 - (1"1/2)	85	45	2	14	10	**2,92**
434050006	50 - (2")	95	57	2	15	10	**4,45**
434065006	65 - (2"1/2)	115	76	2	19	10	**6,12**
434080006	80 - (3")	132	89	2	26	10	**7,26**
434100006	100 - (4")	152	108	2	29	10	**8,59**
434125006	125 - (5")	182	133	2	41	10	**11,94**
434150006	150 - (6")	207	160	2	38	10	**13,60**
434200006	200 - (8")	262	218	2	58	10	**21,20**
434250006	250 - (10")	317	273	2	78	10	**28,25**
434300006	300 - (12")	373	318	2	113	10	**30,51**

Sesalit ECO: fibre organiche e sintetiche legate con gomma NBR/SBR esente amianto
IMPIEGHI: Acqua calda e fredda, olii vegetali ed animali, aria, alcuni carburanti (no GAS)
LIMITI DI TEMPERATURA ORIENTATIVI
Temperatura massima per brevi esposizioni: 180°-200° C
Temperatura massima di esercizio continuo per fluidi non aggressivi: 140° C
Temperatura massima di esercizio continuo con vapore: 110° C
OMOLOGAZIONI: acqua potabile WRAS n° 1605525

Sesalit ECO: organic and synthetic fibers bonded with NBR/SBR asbestos-free
USES: hot and cold water, vegetable and animal oils, air, some fuels (no GAS)
GUIDELINE TEMPERATURE LIMITS
Maximum temperature for short exposure: 180°-200° C
Maximum operating temperature for continuous non-aggressive fluids: 140° C
Maximum temperature for continuous operation with steam: 110° C
APPROVAL: potable water WRAS n° 1605525

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434/PN 10/16

GUARNIZIONE ECOLOGICA PER FLANGE

- GASKET FOR FLANGE
- FLANSCHDICHTUNG
- JOINT POUR BRIDE
- JUNTA ECOLÓGICA PARA BRIDA

MATERIAL: Sesalit Eco
NORM: EN 1092-1

PN 10/16

CODE	DN	De mm	Di mm	S mm	g		€
434015000	15 - (1/2")	50	20	2	6	10	**0,82**
434020000	20 - (3/4")	60	25	2	8	10	**1,18**
434025000	25 - (1")	70	30	2	10	10	**1,66**
434032000	32 - (1"1/4)	82	38	2	14	10	**2,24**
434040000	40 - (1"1/2)	92	45	2	17	10	**2,92**
434050000	50 - (2")	108	57	2	22	10	**4,40**
434065000	65 - (2"1/2)	127	76	2	27	10	**6,08**
434080000	80 - (3")	142	89	2	30	10	**7,19**
434100000	100 - (4")	162	108	2	38	10	**8,25**
434125000	125 - (5")	192	140	2	44	10	**11,60**
434150000	150 - (6")	218	169	2	55	10	**13,24**
434200000	200 - (8")	273	218	2	71	10	**20,50**
434250000	250 - (10")	328	273	2	91	10	**27,53**
434300000	300 - (12")	378	318	2	137	10	**29,89**
434350000	350 - (14")	438	368	2	162	10	**40,64**
434400000	400 - (16")	490	420	2	180	10	**50,75**

Sesalit ECO: fibre organiche e sintetiche legate con gomma NBR/SBR esente amianto
IMPIEGHI: Acqua calda e fredda, olii vegetali ed animali, aria, alcuni carburanti (no GAS)
LIMITI DI TEMPERATURA ORIENTATIVI
Temperatura massima per brevi esposizioni: 180°-200° C
Temperatura massima di esercizio continuo per fluidi non aggressivi: 140° C
Temperatura massima di esercizio continuo con vapore: 110° C
Temperatura minima di esercizio -40°C
OMOLOGAZIONI: acqua potabile WRAS n° 240155028

Sesalit ECO: organic and synthetic fibers bonded with NBR/SBR asbestos-free
USES: hot and cold water, vegetable and animal oils, air, some fuels (no GAS)
GUIDELINE TEMPERATURE LIMITS
Maximum temperature for short exposure: 180°-200° C
Maximum operating temperature for continuous non-aggressive fluids: 140° C
Maximum temperature for continuous operation with steam: 110° C
Minimum operating temperature -40°C
APPROVAL: potable water WRAS n° 240155028

R 30 30



435/000

BULLONE E DADO ZINCATI PER FLANGIA

- GALVANISED HEXAGONAL BOLT AND NUT FOR FLANGE
- SCHRAUBEN UND MUTTEN VERZINKT FUER FLANSCH
- BOULON D'ASSEMBLAGE GALVANISÉ À TÊTE HEXAGONALE POUR BRIDE
- TORNILLO Y TUERCA PARA BRIDA

MATERIAL: 8.8 min. ISO 898-1

CODE	Measure	g			€
435012000	M 12 x 50 + dado / nut M 12	70	4	80*	**2,75**
435016000	M 16 x 65 + dado / nut M 16	154	4	40*	**5,59**
435016080	M 16 x 80 + dado / nut M 16	197	4*	24	**6,00**
435016090	M 16 x 90 + dado / nut M 16	212	4*	24	**6,55**
435016095	M 16 x 95 + dado / nut M 16	220	4*	24	**10,03**
435016100	M 16 x 100 + dado / nut M 16	228	4*	24	**7,12**
435016110	M 16 x 110 + dado / nut M 16	243	4*	24	**7,69**
435016120	M 16 x 120 + dado / nut M 16	259	4*	24	**8,34**
435016130	M 16 x 130 + dado / nut M 16	273	4*	24	**10,41**
435016140	M 16 x 140 + dado / nut M 16	288	4*	24	**12,57**
435020000	M 20 x 80 + dado / nut M 20	300	4	24*	**10,06**
435020100	M 20 x 100 + dado / nut M 24	374	4*	24	**12,46**
435020110	M 20 x 110 + dado / nut M 24	398	4*	24	**16,00**
435020150	M 20 x 150 + dado / nut M 24	493	4*	24	**23,26**
435020160	M 20 x 160 + dado / nut M 24	517	4*	24	**26,10**
435024000	M 24 x 100 + dado / nut M 24	610	4	24*	**18,93**

(*) unità minima di vendita / minimum selling quantity

FOCUS ON

BULLONI PER FLANGE / *BOLTS AND NUTS FOR FLANGES*

DN	DN inch	PN6		PN10		PN16		PN25		PN40	
		viti	N° pezzi	viti	N° pezzi	viti	N° pezzi	viti	N° pezzi	viti	N° pezzi
15	1/2"	M10x45	4	M12x50	4	M12x50	4	M12x50	4	M12x50	4
20	3/4"	M10x45	4	M12x50	4	M12x50	4	M12x50	4	M12x50	4
25	1"	M10x45	4	M12x50	4	M12x50	4	M12x50	4	M12x50	4
32	1" 1/4	M12x50	4	M16x65	4	M16x65	4	M16x65	4	M16x65	4
40	1" 1/2	M12x50	4	M16x65	4	M16x65	4	M16x65	4	M16x65	4
50	2"	M12x50	4	M16x65	4	M16x65	4	M16x65	4	M16x65	4
65	2" 1/2	M12x50	4	M16x65	8	M16x65	8	M16x65	8	M16x65	8
80	3"	M16x65	4	M16x65	8	M16x65	8	M16x65	8	M16x65	8
100	4"	M16x65	4	M16x65	8	M16x65	8	M20x80	8	M20x80	8
125	5"	M16x65	8	M16x65	8	M16x65	8	M24x100	8	M24x100	8
150	6"	M16x65	8	M20x80	8	M20x80	8	M24x100	8	M24x100	8
200	8"	M16x65	8	M20x80	8	M20x80	12	M24x100	12	M27x100	12

NOTE

M10x45 – M27x100 = Non presenti in assortimento / *Absent on product range*.

R 40 42



224

NASTRO PTFE SPESSORE 0,075 MM

- PTFE TAPE
- TEFLONBAND
- ROULEAU DE TEFLON
- CINTA DE TEFLON

CODE	Measure	Thickness mm	g		€
224102010	1/2" (12 mm) x 10 m	0,075	10	200	0,87
224102012	1/2" (12 mm) x 12 m	0,075	10	200	0,96
224304012	3/4" (19 mm) x 12 m	0,075	14	100	1,74
224304050	3/4" (19 mm) x 50 m	0,075	42	50	6,48
224100050	1" (25 mm) x 50 m	0,075	68	50	8,22

Tolleranze dimensionali: lunghezza +/- 5% larghezza +/- 0,5 mm spessore +/- 0,015 mm densità +/- 5%
Temperatura di utilizzo: da -40° a 260° C Stabilità: fino alla temperatura di 260° C

Dimensional tolerances: length +/- 5% width +/- 0,5 mm +/- 0,015 mm thickness Density +/- 5%
Temperature range: from -40° to 260° C Stability: up to 260° C

R 40 42



224 GAS

NASTRO PTFE GAS SPESSORE 0,2 MM

- PTFE GAS TAPE
- TEFLONBAND GAS
- ROULEAU DE TEFLON GAS
- CINTA DE TEFLON GAS

CODE	Measure	Thickness mm	g		€
224102200	1/2" (12 mm) x 12 m	0,2	26	100	3,98

TOLLERANZE DIMENSIONALI: lunghezza +/- 5% larghezza +/- 0,5 mm spessore +/- 0,015 mm densità +/- 5%
TEMPERATURA DI UTILIZZO: da -40° a 260° C Stabilità: fino alla temperatura di 260° C

DIMENSIONAL TOLERANCES: length +/- 5% width +/- 0,5 mm +/- 0,015 mm thickness Density +/- 5%
TEMPERATURE RANGE: from -40° to 260° C Stability: up to 260° C

R 40 42



224 GAS 15

NASTRO PTFE GAS SPESSORE 0,2 MM

- PTFE GAS TAPE
- TEFLONBAND GAS
- ROULEAU DE TEFLON GAS
- CINTA DE TEFLON GAS

CODE	Measure	Thickness mm	g		€
224304201	3/4" (19 mm) x 15 m	0,2	48	10	6,47

TOLLERANZE DIMENSIONALI: lunghezza +/- 5% larghezza +/- 0,5 mm spessore +/- 0,015 mm densità +/- 5%
TEMPERATURA DI UTILIZZO: da -40° a 260° C Stabilità: fino alla temperatura di 260° C

DIMENSIONAL TOLERANCES: length +/- 5% width +/- 0,5 mm +/- 0,015 mm thickness Density +/- 5%
TEMPERATURE RANGE: from -40° to 260° C Stability: up to 260° C

R 40 41



227

CANAPA EXTRA FINE BIANCA

- HEMP
- HANF
- FILASSE
- CAÑAMO

CODE	Description	kg		€/Kg
227000000	Balla da 50 Kg - Bale of 50 Kg	50	1	**43,13**
227100000	Imballo in sacchetti da 1 kg - Bag of 1 Kg	5	1	**58,23**
227250000	Imballo in sacchetti da 250 gr - Bag of 250 gr	5	1	**61,93**

La canapa è un prodotto naturale e non sono presenti materie chimiche nel processo di produzione e trattamento.
Fasi di produzione: dopo la coltivazione del lino, viene macerato e diviene lino gramolato che, attraverso la macchina pettinatrice, viene manualmente trasformato in canapa senza alcuna aggiunta chimica.

Hemp its a natural product and there is not chemical materials in the process of the production and treatment.
Production steps: after cultivation flax is macerated, becoming rippled flax, which through the hacking machine is manually transformed into hemp without addition of chemical materials.

R 40 43



228

PASTA VERDE

- GREEN PASTE
- GRÜNE PASTE
- PATE VERTE
- PASTA VERDE

CODE	Description	g		€
228000000	Pasta verde - green paste	474	30	**5,75**
228000001	Pasta verde per gas - Green paste for gas	474	30	**8,15**

IMPIEGHI
Mastice in pasta per la sigillatura di giunti e raccordi filettati delle condotte di acqua fredda e calda, gas, aria. Non indicato per GPL. Mastice di elevata qualità da usare con canapa non è tossico, non secca, durevolmente morbido, ottima aderenza su filettature bagnate e unte, giunzioni svitabili in ogni momento.
Temperatura utilizzo: -20°C ÷ 70°C Gas -20°C ÷ 90°C Acqua
MODALITA' DI APPLICAZIONE
1. Rimuovere olio, grasso, sporco e oli da taglio residui dalle filettature.
2. Applicare la canapa sulla filettatura di un tubo avvolgendola secondo il senso di avvitamento.
3. Stendere un velo di pasta col dito, spalmandola sempre nel senso della filettatura e facendo in modo che essa incorpori la canapa e la mantenga senza sfilacciature.
Il suo compito è quello di creare, insieme alla canapa, durante l'avvitatura del tubo, una barriera sigillante contro le fughe di acqua o del fluido che è destinato a scorrere nel tubo. Il tutto preservando i raccordi dalla ruggine, dall'invecchiamento, rendendoli facilmente smontabili.

APPLICATIONS
Mastic paste for sealing joints and threaded connections of cold and hot water pipes, gas, air. Not suitable for LPG. Mastic of high quality to be used with hemps is non-toxic, non-drying, permanently soft, good grip on wet and greasy thread, joints unscrewed at any time.
Temperature: -20°C ÷ 70°C Gas -20°C ÷ 90°C water
IMPLEMENTING RULES
1. Remove oil, grease, dirt and oils and cutting debris from the threads.
2. Apply the hemp on the tube thread by wrapping it along the direction of screwing.
3. Spread a thin layer of dough with a finger, spalmandola always in the direction of the thread, and making sure that it incorporates hemp and keep lint.
Its use is to create, together with hemp, during tightening of the tube, a barrier sealant against leaks of water or fluid that cross into the tube. All to save the fittings from rusting, aging, making them easily removable.

R 40 43



229

SIGILLANTE ANAEROBICO

- ANAEROBIC ADHESIVE
- ANAEROBE DICHTUNG
- SCELLAGE D'ÉTANCHEITÉ
- SELLANTE ANAEROBICO

NOTE: Omologazione DVGW GAS

CODE	Quantity	g		€
229000050	50 ml	74	12	**15,72**
229000100	100 ml	128	10	**20,25**

DESCRIZIONE DEL PRODOTTO

Selon 616 è un prodotto anaerobico monocomponente adatto alla sigillatura di parti filettate e piane in impianti civili ed industriali di acqua, aria, gas, gasolio, GPL, ecc. il prodotto è conforme alla norma DIN EN 751-1. Può essere impiegato su raccordi fino a 2 'con filettature a norma. Il prodotto polimerizza spontaneamente quando si trova in assenza d'aria all'interno di superfici metalliche. SIGILLANTE DI MEDIA RESISTENZA. MOLTISSIME AREE DI UTILIZZO; ARIA, GAS, ACQUA. RAPIDO ANCHE ALLE BASSE TEMPERATURE.
OMOLOGATO PER GAS DVGW - CERTIFICAZIONE NR NG-5146BM0328

CARATTERISTICHE DEL PRODOTTO LIQUIDO

NATURA: Resina metacrilica anaerobica
COLORE: Blu
VISCOSITA' 25ºC: 30.000-60.000 mPa.s
PESO SPECIFICO (g/ml): 1,07
INFIAMMABILITÀ: >100ºC
Conservazione del prodotto: Luogo fresco e asciutto
Stabilità a magazzino: 16 mesi a temperatura +5ºC e +28ºC.

PRESTAZIONI DEL PRODOTTO POLIMERIZZATO

Velocità di reazione - blocco alla mano: 10-15 minuti
Coppia di svitamento Iniziale ISO-10964: 20-28 N.m
Coppia di svitamento Residua ISO-10964: 10-15 N.m
Indurimento funzionale: 3-6 ore
Indurimento finale: 12-24 ore
Temperatura di esercizio: -50 ºC +150 ºC
Gioco max diametrale: 0,30 mm

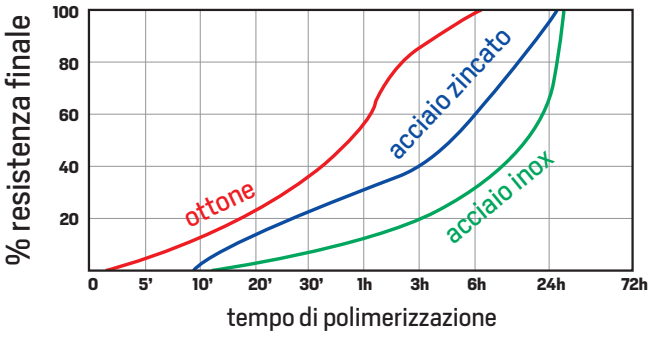
INFORMAZIONI SULLA POLIMERIZZAZIONE

La velocità di polimerizzazione è influenzata da due fattori principali: natura dei materiali, temperatura alla quale avviene la reazione. Il grafico seguente dimostra il comportamento del prodotto su alcuni tipi di metallo. Le prove sono state condotte utilizzando viti M10 e valutate secondo le norme ISO 10964. La temperatura ambientale influenza la velocità di reazione. La temperatura ideale di polimerizzazione è compresa tra 20ºC e i 25ºC. Temperature comprese tra i 5ºC e i 20ºC rallentano la reazione, temperature superiori la velocizzano.

RESISTENZA AI PRODOTTI CHIMICI

Metodo di prova ISO 10964 (testato a 22ºC).
Coppia di svitamento % valutata dopo immersione.

	T ºC	100 h	500 h	1000 h
Acqua/Glicole	85	110	110	105
Liquido per freni	22	100	100	100
Olio motore	125	105	110	110
Acetone	22	105	100	105
Benzina	22	105	105	105



ISTRUZIONI PER UN CORRETTO UTILIZZO

Questo prodotto non è adatto per accoppiamenti metallo-plastica e in circuiti d'ossigeno nonché per la sigillatura di impianti con prodotti basici o acidi fortemente ossidanti. Utilizzare su filettature metalliche a norma pulite e sgrassate. Applicare il prodotto sui primi giri di filetto maschio e mezzo giro sulla femmina. E' fondamentale serrare a fondo. Una chiusura blanda e superficiale può causare perdite nel tempo. Non aprire ne orientare i giunti dopo il serraggio. Prima di mettere in funzione l'impianto attendere 24 ore per consentire la completa polimerizzazione del sigillante. In caso di montaggio in serie si consiglia di bloccare con un giratubi la giunzione precedente onde evitare la rottura del film in fase di formazione. Su superfici metalliche passivate utilizzare il prodotto in combinazione all'attivatore SELON 7300. Consultare la scheda di sicurezza prima dell'uso.

INFORMAZIONI GENERALI

I dati contenuti in questo documento sono forniti a titolo informativo ma non costituiscono specifica di fornitura anche se sono considerati affidabili in quanto prodotti nei nostri laboratori. Non possiamo assumerci la responsabilità di risultati ottenuti da terzi dove i metodi di lavoro non sono sotto il nostro diretto controllo. È responsabilità dell'utilizzatore verificare la validità delle caratteristiche del prodotto in relazione alle sue necessità produttive e di adottare tutte le necessarie misure per la protezione delle persone e delle cose dalle situazioni che si possono verificare con la messa in opera del prodotto.

PRODUCT DESCRIPTION

SELON 616 is an anaerobic single component product suitable to seal metal threaded joints in according to din standard up to 2' against water, compressed air, gas, gasoline, GPL, in private and industrial plants. The product cures spontaneously and rapidly when confined in absence of air between close metal surfaces. SELON 616 complies with EN 751-1 for gas and hot water approved. Tixotropic product whit middle mechanical strength for lock and seal threaded metal parts and smooth pairings.
APPROVED FOR GAS BY DVGW (GERMANY) EN751-1. APPROVAL NR NG 5146BSM0328

PROPERTIES OF UNCURED MATERIAL

NATURE: Methacrylic Anaerobic Resin
COLOR: Blue
VISCOSITY 25ºC: 30.000-60.000 mPa.s
SPECIFIC GRAVITY (g/ml): 1,07
FLASH POINT: >100ºC
PRODUCT STORAGE: Cool and dry place
SHELF LIFE: 16 months at temperature +5 º C to +28 º C.

FEAUTURES OF CURED PRODUCT

HANDLING CURE TIME 10-15 minutes
BREAKAWAY TORQUE ISO-10964: 15-20 N.m
PREVAILING TORQUE ISO-10964: 10-15 N.m
FUNCTIONAL CURE TIME: 3-6 hours
FULL CURE TIME: 12-24 hours
TEMPERATURE RANGE: -50ºC +150ºC
MAX GAP FILL: 0,30 mm

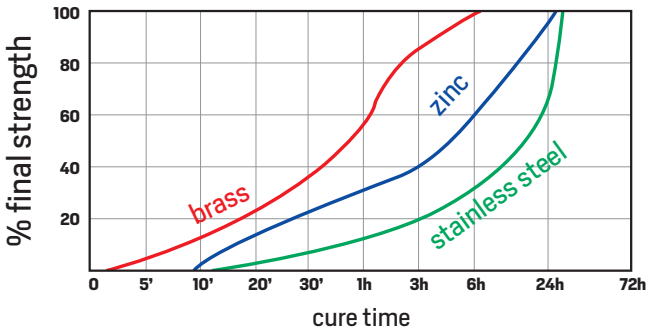
POLIMERIZATION INFORMATIONS

Curing time depend on main factors: kind of metals and gap fill dimension.
The graph below shows the strength developed with time on some kind of metal. The different materials have been tested according to ISO 10964. The right temperature range of cure is from +20ºC to +25ºC. Low temperature from +5ºC to +20ºC increase curing time, higher temperature reduce polymerization time.

CHEMICAL RESISTANCE

Test method ISO 10964 (tested at 22ºC)
Breakaway torque % after immersion.

	T ºC	100 h	500 h	1000 h
Water/Glycol	85	110	110	105
Brake Fluid	22	100	100	100
Motor Oil	125	105	110	110
Acetone	22	105	100	105
Gasoline	22	105	105	105



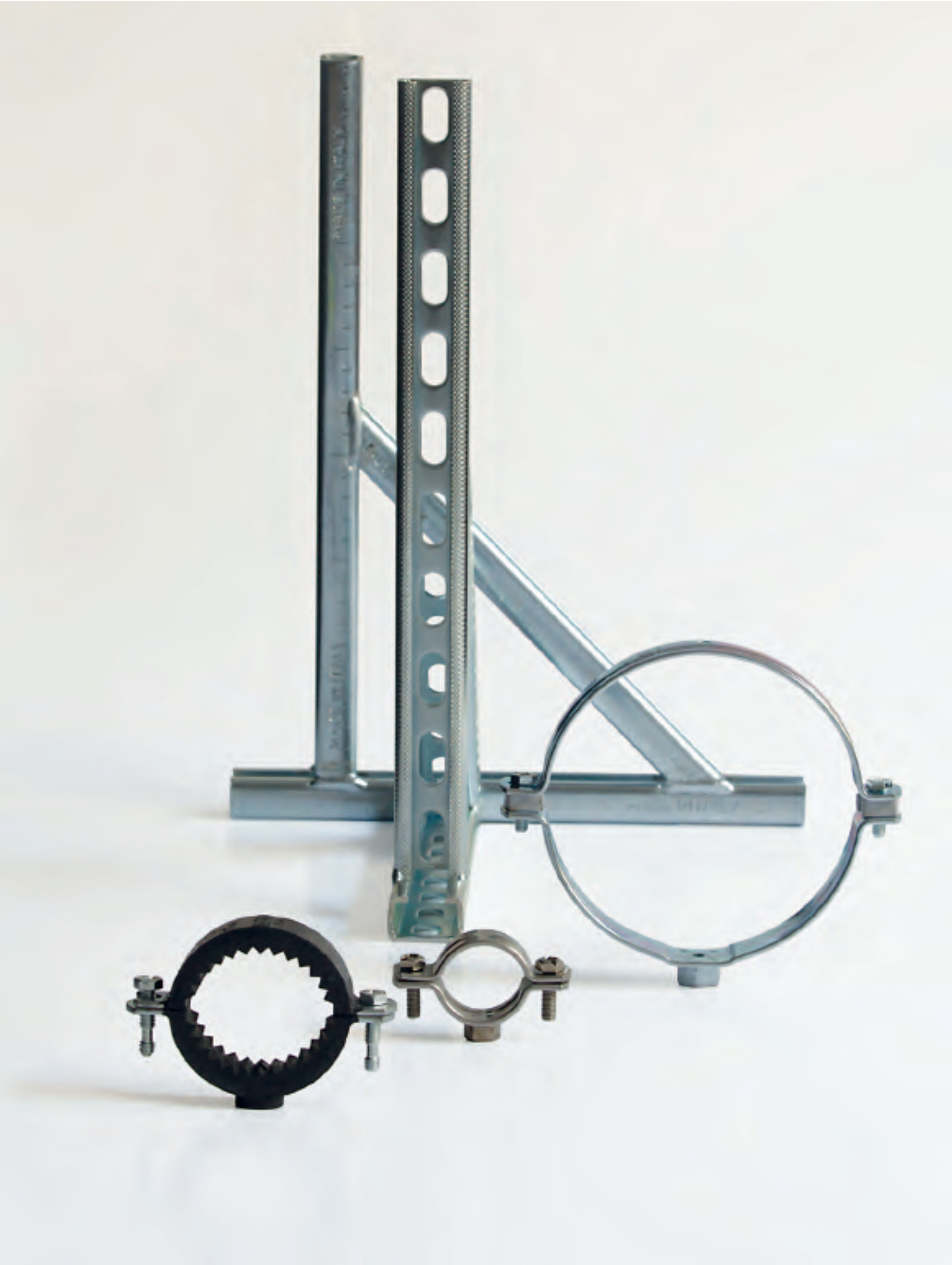
INSTRUCTION FOR USE

This product is not suitable for metal-plastic couplings and oxygen facilities as well as for the sealing of basic products or systems with strong oxidizing acids. Use only on standard metal threads. Surface must be clean and free of grease. Apply product to fill completely the gap (male and female parts), assemble parts and shut completely. A bland or superficial closure may cause leaks over time. Don't after tightening. Before operating the system to wait 24 hours to allow complete curing time of Selon sealant. In the case of series, locking the joint with a pipe wrench to avoid breaking the previous film in its formative stages. In case of passive surfaces and/or low temperature a fast cure can be obtained using Selon 7300 activator. Consult the MSDS before use.

GENERAL INFORMATION

The data contained in this document are provided for information purposes but are not specific supply even if they are considered as reliable products in our laboratories. We can not take responsibility for results obtained by others where the methods of work are not under our direct control. It is your responsibility to verify the validity of the product characteristics in relation to its production needs and to take all necessary measures for the protection of people and things from the situations that may occur with the implementation of the product.

NOTE



Collari e sistemi di fissaggio

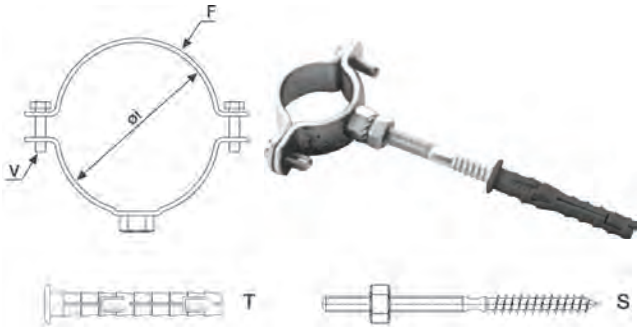
BRACKETS FOR PIPE SUPPORTS AND FIXING SYSTEMS

ROHSCHELLEN UND ROHRBEFESTIGUNGEN SYSTEME

COLLIERS DE FIXATION POUR TUBES

ABRAZADERAS Y SISTEMAS DE FIJACIÓN

Y 20 22



255

COLLARE FISSAGGIO TUBO CON DADO PUNTATO

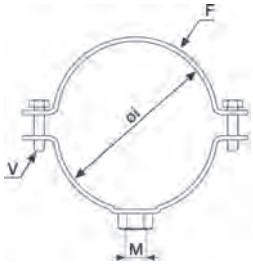
- COLLAR FOR PIPE CLAMPING-SPOT WELDED NUT
- SCHELLE FÜR ROHRBEFESTIGUNG MIT PUNKTGESCHWEISSTE MUTTER
- COLLIER DE FIXATION POUR TUBE-ECROU SOUDE PAR POINTS
- ABRAZADERA FIJACIÓN TUBO-TUERCA SOLDADA POR PUNTOS

MATERIAL: St. W 24
NOTE: dado saldato con puntatura elettrica
spot welded nut

CODE	DN inch	Øi mm	F lg x sp mm	V mm	S mm	T mm	g				€
255308000	3/8"	16-18	20 x 2,5	M 6 x 20	M 8 x 100	10 x 70	92	2	100*	5600	**1,42**
255102000	1/2"	20-22	20 x 2,5	M 6 x 20	M 8 x 100	10 x 70	98	2	100*	5600	**1,34**
255304000	3/4"	25-28	20 x 2,5	M 6 x 20	M 8 x 100	10 x 70	107	2	100*	3600	**1,43**
255100000	1"	31-35	20 x 2,5	M 6 x 20	M 8 x 100	10 x 70	116	2	50*	2800	**1,49**
255114000	1"1/4	39-43	20 x 2,5	M 6 x 20	M 8 x 100	10 x 70	128	2	50*	2800	**1,71**
255112000	1"1/2	45-48,5	20 x 2,5	M 6 x 20	M 8 x 100	10 x 70	150	2	50*	2800	**1,79**
255200000	2"	58-61	20 x 2,5	M 6 x 20	M 8 x 100	10 x 70	156	2	50*	2800	**2,04**
255212000	2"1/2	73-76,5	30 x 2,5	M 6 x 20	M 10 x 120	14 x 70	259	2	20*	1920	**4,23**
255300000	3"	86-89	30 x 2,5	M 6 x 20	M 10 x 120	14 x 70	280	2	20*	1120	**4,78**
255400000	4"	110-115	30 x 2,5	M 6 x 20	M 10 x 120	14 x 70	328	2	20*	1120	**5,27**
255500000	5"	139-143	30 x 2,5	M 6 x 20	M 10 x 120	14 x 70	393	2	10*	560	**8,31**
255600000	6"	166-170	30 x 2,5	M 6 x 20	M 10 x 120	14 x 70	449	2	10*	560	**9,77**
255800000	8"	217-221	30 x 2,5	M 6 x 20	M 10 x 120	14 x 70	538	2	10*	560	**12,29**

Vite ferro-legno: M 8 x 100 mm cod. 216008100 - M 10 x 120 mm cod. 216010120 Tassello: 10 x 70 mm cod. 252100700 - 14 x 70 mm cod. 252140700
Bolt-wood screw: M 8 x 100 mm cod. 216008100 - M 10 x 120 mm cod. 216010120 Plug: 10 x 70 mm cod. 252100700 - 14 x 70 mm cod. 252140700
(*) unità minima di vendita / minimum selling quantity

Y 20 22





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COLLARE FISSAGGIO TUBO SENZA TASSELLO E VITE FERRO-LEGNO, DADO PUNTATO

- COLLAR FOR PIPE CLAMPING WITHOUT DOWEL & WOOD-IRON SCREW
- SCHELLE FÜR ROHRBEFESTIGUNG OHNE DUBEL UND EISEN-HOLZSCHRAUBE
- COLLIER DE FIXATION POUR TUBE SANS CHEVILLE ET VIS FER-BOIS
- ABRAZADERA FIJACIÓN TUBO SIN TACO NI TORNILLO

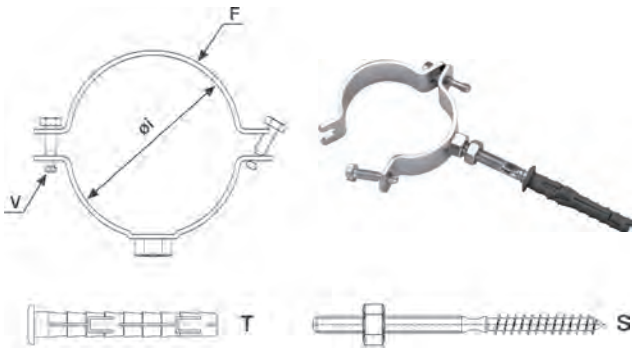
MATERIAL: St. W 24
NOTE: dado saldato con puntatura elettrica
spot welded nut

CODE	DN inch	Øi mm	F lg x sp mm	V mm	M	g				€
251308000	3/8"	16-18	20 x 2,5	M 6 x 20	M 8	65	2	100*	5600	**1,26**
251102000	1/2"	20-22	20 x 2,5	M 6 x 20	M 8	70	2	100*	5600	**1,22**
251304000	3/4"	25-28	20 x 2,5	M 6 x 20	M 8	80	2	100*	5600	**1,24**
251100000	1"	31-35	20 x 2,5	M 6 x 20	M 8	90	2	100*	5600	**1,27**
251114000	1"1/4	39-43	20 x 2,5	M 6 x 20	M 8	84	2	50*	2800	**1,43**
251112000	1"1/2	45-48,5	20 x 2,5	M 6 x 20	M 8	110	2	50*	2800	**1,48**
251200000	2"	58-61	20 x 2,5	M 6 x 20	M 8	120	2	50*	2800	**1,67**
251212000	2"1/2	73-76,5	30 x 2,5	M 6 x 20	M 10	189	2	20*	1920	**3,37**
251300000	3"	86-89	30 x 2,5	M 6 x 20	M 10	215	2	20*	1120	**3,54**
251400000	4"	110-115	30 x 2,5	M 6 x 20	M 10	258	2	20*	1120	**4,03**
251500000	5"	139-143	30 x 2,5	M 6 x 20	M 10	332	2	10*	560	**7,36**
251600000	6"	166-170	30 x 2,5	M 6 x 20	M 10	379	2	10*	560	**8,63**
251800000	8"	217-221	30 x 2,5	M 6 x 20	M 10	473	2	10*	560	**10,85**

Vite ferro-legno: M 8 x 100 mm cod. 216008100 - M 10 x 120 mm cod. 216010120 Tassello: 10 x 70 mm cod. 252100700 - 14 x 70 mm cod. 252140700
Bolt-wood screw: M 8 x 100 mm cod. 216008100 - M 10 x 120 mm cod. 216010120 Plug: 10 x 70 mm cod. 252100700 - 14 x 70 mm cod. 252140700
(*) unità minima di vendita / minimum selling quantity

COLLARI / COLLARS PRATIKO®

Y 20 21



355

COLLARE CON SGANCIO, DADO PUNTATO

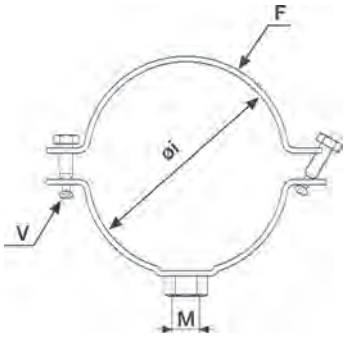
- COLLAR FOR PIPE CLAMPING-SPOT WELDED NUT
- SCHELLE FÜR ROHRBEFESTIGUNGPUNKTGESCHWEISSTE MUTTER
- COLLIER DE FIXATION POUR TUBE-ECROU SOUDE PAR POINTS
- ABRAZADERA FIJACIÓN TUBO-TUERCA SOLDADA POR PUNTOS

MATERIAL: St. W 24
NOTE: dado saldato con puntatura elettrica
spot welded nut

CODE	DN inch	Øi mm	F lg x sp mm	V mm	S mm	T mm	g				€
355308000	3/8"	16-18	20 x 2,5	M 6 x 20	M 8 x 100	10 x 70	95	2	100*	5600	**1,45**
355102000	1/2"	20-22	20 x 2,5	M 6 x 20	M 8 x 100	10 x 70	98	2	100*	5600	**1,39**
355304000	3/4"	25-28	20 x 2,5	M 6 x 25	M 8 x 100	10 x 70	100	2	100*	3600	**1,45**
355100000	1"	31-35	20 x 2,5	M 6 x 25	M 8 x 100	10 x 70	110	2	50*	2800	**1,52**
355114000	1"1/4	39-43	20 x 2,5	M 6 x 25	M 8 x 100	10 x 70	121	2	50*	2800	**1,73**
355112000	1"1/2	45-48,5	20 x 2,5	M 6 x 25	M 8 x 100	10 x 70	128	2	50*	2800	**1,81**
355054000	54 mm	52-56	20 x 2,5	M 6 x 25	M 8 x 100	10 x 70	130	2	50*	2800	**1,95**
355200000	2"	58-61	20 x 2,5	M 6 x 25	M 8 x 100	10 x 70	133	2	50*	2800	**2,05**
355212000	2"1/2	73-76,5	30 x 2,5	M 6 x 25	M 10 x 120	14 x 70	261	2	20*	1920	**4,27**
355300000	3"	86-89	30 x 2,5	M 6 x 25	M 10 x 120	14 x 70	288	2	20*	1120	**4,79**
355108000	108 mm	106-110	30 x 2,5	M 6 x 25	M 10 x 120	14 x 70	305	2	20*	1120	**5,28**
355400000	4"	110-115	30 x 2,5	M 6 x 25	M 10 x 120	14 x 70	326	2	20*	1120	**5,28**

Vite ferro-legno: M 8 x 100 mm cod. 216008100 - M 10 x 120 mm cod. 216010120 Tassello: 10 x 70 mm cod. 252100700 - 14 x 70 mm cod. 252140700
Bolt-wood screw: M 8 x 100 mm cod. 216008100 - M 10 x 120 mm cod. 216010120 Plug: 10 x 70 mm cod. 252100700 - 14 x 70 mm cod. 252140700
(*) unità minima di vendita / minimum selling quantity

COLLARI / COLLARS PRATIKO®





Y 20 21

351

COLLARE CON SGANCIO SENZA VITE E TASSELLO, DADO PUNTATO

- COLLAR FOR PIPE CLAMPING WITHOUT DOWEL & WOOD-IRON SCREW
- SCHELLE FÜR ROHRBEFESTIGUNG OHNE DUBEL UND EISEN-HOLZSCHRAUBE
- COLLIER DE FIXATION POUR TUBE SANS CHEVILLE ET VIS FER-BOIS
- ABRAZADERA FIJACIÓN TUBO SIN TACO NI TORNILLO

MATERIAL: St. W 24
NOTE: dado saldato con puntatura elettrica
spot welded nut

CODE	DN inch	Øi mm	F lg x sp mm	V mm	M	g				€
351308000	3/8"	16-18	20 x 2,5	M 6 x 20	M 8	63	2	100*	5600	**1,30**
351102000	1/2"	20-22	20 x 2,5	M 6 x 20	M 8	65	2	100*	5600	**1,23**
351304000	3/4"	25-28	20 x 2,5	M 6 x 25	M 8	69	2	100*	5600	**1,27**
351100000	1"	31-35	20 x 2,5	M 6 x 25	M 8	78	2	100*	5600	**1,29**
351114000	1"1/4	39-43	20 x 2,5	M 6 x 25	M 8	89	2	50*	2800	**1,46**
351112000	1"1/2	45-48,5	20 x 2,5	M 6 x 25	M 8	93	2	50*	2800	**1,49**
351054000	54 mm	52-56	20 x 2,5	M 6 x 25	M 8	100	2	50*	2800	**1,61**
351200000	2"	58-61	20 x 2,5	M 6 x 25	M 8	108	2	50*	2800	**1,71**
351212000	2"1/2	73-76,5	30 x 2,5	M 6 x 25	M 10	187	2	20*	1920	**3,37**
351300000	3"	86-89	30 x 2,5	M 6 x 25	M 10	215	2	20*	1120	**3,54**
351108000	108 mm	106-110	30 x 2,5	M 6 x 25	M 10	232	2	20*	1120	**4,03**
351400000	4"	110-115	30 x 2,5	M 6 x 25	M 10	256	2	20*	1120	**4,03**

Vite ferro-legno: M 8 x 100 mm cod. 216008100 - M 10 x 120 mm cod. 216010120 Tassello: 10 x 70 mm cod. 252100700 - 14 x 70 mm cod. 252140700
Bolt-wood screw: M 8 x 100 mm cod. 216008100 - M 10 x 120 mm cod. 216010120 Plug: 10 x 70 mm cod. 252100700 - 14 x 70 mm cod. 252140700
(*) unità minima di vendita / minimum selling quantity



Y 20 21

216/KIT

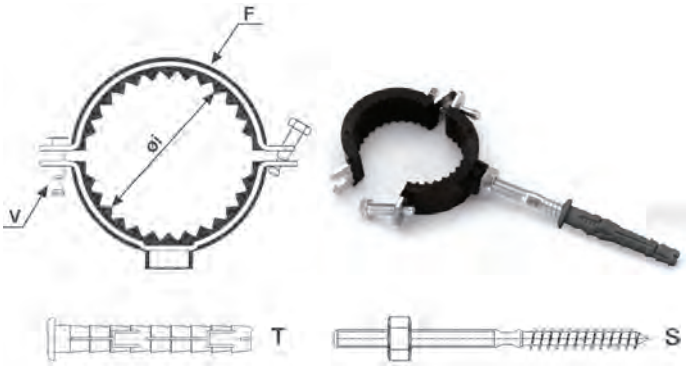
KIT VITE FERRO-LEGNO + TASSELLO + DADO

- KIT SCREW + PLUG + BACK NUT
- KIT HOLZSCHRAUBE + DÜBEL + 6-KUNT GEGENMUTTER
- KIT VIS BATTENTE + CHEVILLE + ÉCROU HEXAGONAL
- KIT TORNILLO + TACO + TUERCA HEXAGONAL

CODE	Plug	Screw	Back nut	g			€
216008100K	10 x 70	M 8 x 100	M 8	75	1 kit	200 kit*	**2,05**
216010120K	14 x 70	M 10 x 120	M 10	140	1 kit	100 kit*	**2,80**

Kit : nº 2 tasselli, nº 2 viti, nº 2 dadi.
Kit : nº 2 plugs, nº 2 screws, nº 2 back nuts.
(*) unità minima di vendita / minimum selling quantity

COLLARI / COLLARS PRATIKO®



Y 20 25

355/G

COLLARI CON SGANCIO, DADO PUNTATO E RIVESTIMENTO IN GOMMA

- COLLAR FOR PIPE CLAMPING-SPOT WELDED NUT WITH RUBBER GASKET
- SCHELLE FÜR ROHRBEFESTIGUNG PUNKTGESCHWEISSTE MUTTER MIT GUMMIEINLAGE
- COLLIER DE FIXATION POUR TUBE-ECROU SOUDE PAR POINTS GARNITURE ISOPHONIQUE
- ABRAZADERA FIJACIÓN TUBO-TUERCA SOLDADA-JUNTA DE GOMA

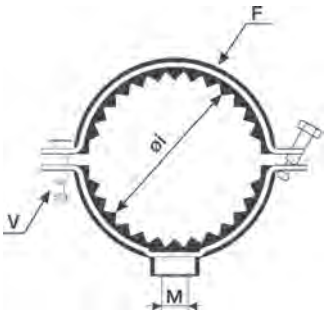
MATERIAL: St. W 24
VULCANIZED RUBBER: EPDM (-20° C/+120° C) durezza/hardness 55 Shore
NOTE: dado saldato con puntatura elettrica spot welded nut

Conforme a / Conform to / Entsprechend / Correspondant / Conforme a la **DIN 4109**

CODE	DN inch	Øi mm	F lg x sp mm	V mm	S mm	T mm	g				€
355150001	15 mm	15-18	20 x 2,5	M 6 x 20	M 8 x 100	10 x 70	104	2	50*	2800	**4,39**
355308001	3/8"	17-19	20 x 2,5	M 6 x 20	M 8 x 100	10 x 70	100	2	50*	2800	**4,32**
355102001	1/2"	21-23	20 x 2,5	M 6 x 20	M 8 x 100	10 x 70	115	2	50*	2800	**4,32**
355304001	3/4"	26,5-28	20 x 2,5	M 6 x 25	M 8 x 100	10 x 70	121	2	50*	2800	**4,50**
355100001	1"	33-35	20 x 2,5	M 6 x 25	M 8 x 100	10 x 70	137	2	50*	2800	**5,16**
355114001	1"1/4	40-45	20 x 2,5	M 6 x 25	M 8 x 100	10 x 70	140	2	50*	2800	**5,72**
355112001	1"1/2	48-50	20 x 2,5	M 6 x 25	M 8 x 100	10 x 70	153	2	50*	1800	**6,36**
355200001	2"	60-63	20 x 2,5	M 6 x 25	M 8 x 100	10 x 70	172	2	20*	1120	**7,00**
355212001	2"1/2	71-80	30 x 2,5	M 6 x 25	M 10 x 120	14 x 70	352	2	20*	720	**11,10**
355300001	3"	81-89	30 x 2,5	M 6 x 25	M 10 x 120	14 x 70	412	2	10*	560	**12,24**
355312001	3"1/2	99-103	30 x 2,5	M 6 x 25	M 10 x 120	14 x 70	456	2	10*	560	**13,73**
355400001	4"	110-117	30 x 2,5	M 6 x 25	M 10 x 120	14 x 70	470	2	10*	560	**13,66**

Vite ferro-legno: M 8 x 100 mm cod. 216008100 - M 10 x 120 mm cod. 216010120 Tassello: 10 x 70 mm cod. 252100700 - 14 x 70 mm cod. 252140700
Bolt-wood screw: M 8 x 100 mm cod. 216008100 - M 10 x 120 mm cod. 216010120 Plug: 10 x 70 mm cod. 252100700 - 14 x 70 mm cod. 252140700
(*) unità minima di vendita / minimum selling quantity

COLLARI / COLLARS PRATIKO®





Y 20 25

351/G

COLLARE CON SGANCIO, RIVESTIMENTO IN GOMMA SENZA VITE E TASSELLO, DADO PUNTATO

- COLLAR FOR PIPE CLAMPING WITH RUBBER GASKET WITHOUT DOWEL & WOOD-IRON SCREW
- SCHELLE FÜR ROHRBEFESTIGUNG MIT GUMMIEINLAGE OHNE DUBEL UND EISEN-HOLZSCHRAUBE
- COLLIER DE FIXATION GARNITURE ISOPHONIQUE SANS CHEVILLE ET VIS FER-BOIS
- ABRAZADERA FIJACIÓN JUNTA DE GOMA SIN TACO NI TORNILLO

MATERIAL: St. W 24
VULCANIZED RUBBER: EPDM (-20° C/+120° C) durezza/hardness 55 Shore
NOTE: dado saldato con puntatura elettrica spot welded nut

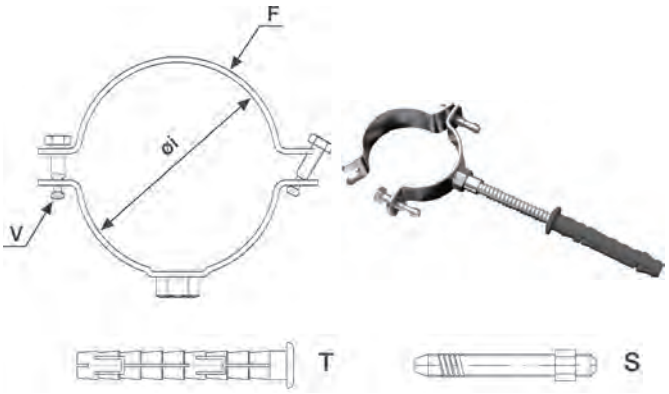
Conforme a / Conform to / Entsprechend / Correspondant / Conforme a la **DIN 4109**

CODE	DN inch	Øi mm	F lg x sp mm	V mm	M	g				€
351150001	15 mm	15	20 x 2,5	M 6 x 20	M 8	60	2	50*	2800	**3,97**
351308001	3/8"	17-19	20 x 2,5	M 6 x 20	M 8	69	2	50*	2800	**3,83**
351102001	1/2"	21-23	20 x 2,5	M 6 x 20	M 8	79	2	50*	2800	**3,83**
351304001	3/4"	26,5-28	20 x 2,5	M 6 x 25	M 8	88	2	50*	2800	**4,17**
351100001	1"	33-35	20 x 2,5	M 6 x 25	M 8	105	2	50*	2800	**4,96**
351114001	1"1/4	40-45	20 x 2,5	M 6 x 25	M 8	109	2	50*	2800	**5,62**
351112001	1"1/2	48-50	20 x 2,5	M 6 x 25	M 8	132	2	50*	1800	**6,19**
351200001	2"	60-63	20 x 2,5	M 6 x 25	M 8	149	2	20*	1920	**6,84**
351212001	2"1/2	71-80	30 x 2,5	M 6 x 25	M 10	282	2	20*	720	**10,77**
351300001	3"	81-89	30 x 2,5	M 6 x 25	M 10	342	2	10*	560	**11,82**
351312001	3"1/2	99-103	30 x 2,5	M 6 x 25	M 10	360	2	10*	560	**13,07**
351400001	4"	110-117	30 x 2,5	M 6 x 25	M 10	379	2	10*	560	**13,42**

Vite ferro-legno: M 8 x 100 mm cod. 216008100 - M 10 x 120 mm cod. 216010120 Tassello: 10 x 70 mm cod. 252100700 - 14 x 70 mm cod. 252140700
Bolt-wood screw: M 8 x 100 mm cod. 216008100 - M 10 x 120 mm cod. 216010120 Plug: 10 x 70 mm cod. 252100700 - 14 x 70 mm cod. 252140700
(*) unità minima di vendita / minimum selling quantity

COLLARI / COLLARS PRATIKO®

Y 20 21



555

COLLARE FISSAGGIO TUBO CON VITE-TASSELLO A BATTENTE

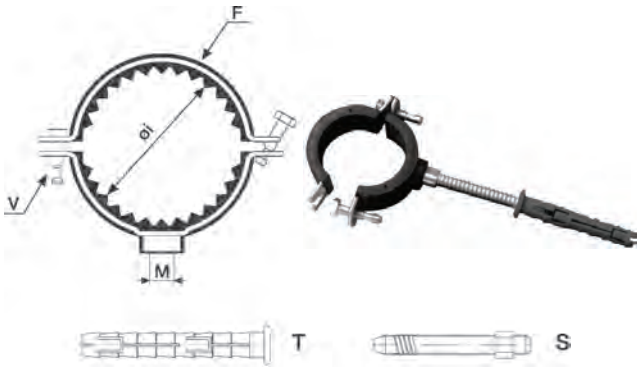
- COLLAR FOR PIPE CLAMPING-SPOT WELDED NUT
- SCHELLE FÜR ROHRBEFESTIGUNG - PUNKTGESCHWEISSTE MUTTER
- COLLIER DE FIXATION POUR TUBE-ECROU SOUDE PAR POINTS
- ABRAZADERA FIJACIÓN TUBO-TUERCA SOLDADA POR PUNTOS

MATERIAL: St. W 24
NOTE: dado saldato con puntatura elettrica
vite a battente: per materiali particolarmente compatti, introdurre la vite con avvitamento
spot welded nut
hammer screw: for very compact materials, introduce the screw with screwing

CODE	DN inch	Øi mm	F lg x sp mm	V mm	S mm	T mm	g				€
555308000	3/8"	16-18	20 x 2,5	M 6 x 20	M 8 x 93	10 x 70	95	2	100*	5600	**1,52**
555102000	1/2"	20-22	20 x 2,5	M 6 x 20	M 8 x 93	10 x 70	98	2	100*	5600	**1,46**
555304000	3/4"	25-28	20 x 2,5	M 6 x 25	M 8 x 93	10 x 70	100	2	100*	5600	**1,57**
555100000	1"	31-35	20 x 2,5	M 6 x 25	M 8 x 93	10 x 70	110	2	50*	2800	**1,62**
555114000	1"1/4	39-43	20 x 2,5	M 6 x 25	M 8 x 93	10 x 70	121	2	50*	2800	**1,81**
555112000	1"1/2	45-48,5	20 x 2,5	M 6 x 25	M 8 x 93	10 x 70	128	2	50*	2800	**1,92**
555200000	2"	58-61	20 x 2,5	M 6 x 25	M 8 x 93	10 x 70	133	2	50*	2800	**2,12**
555212000	2"1/2	73-76,5	30 x 2,5	M 6 x 25	M 10 x 90	14 x 70	180	2	20*	1920	**4,51**
555300000	3"	86-89	30 x 2,5	M 6 x 25	M 10 x 90	14 x 70	198	2	20*	1120	**5,12**
555400000	4"	110-115	30 x 2,5	M 6 x 25	M 10 x 90	14 x 70	240	2	20*	1120	**5,79**

Vite a battente: M 8 x 93 mm cod. 216008093 - M 10 x 90 mm cod. 216010093 Tassello: 10 x 70 mm cod. 252100700 - 14 x 70 mm cod. 252140700
Screw: M 8 x 93 mm cod. 216008093 - M 10 x 90 mm cod. 216010093 Plug: 10 x 70 mm cod. 252100700 - 14 x 70 mm cod. 252140700
(*) unità minima di vendita / minimum selling quantity

COLLARI / COLLARS PRATIKO®



Y 20 25

555/G

COLLARE FISSAGGIO TUBO CON GOMMA E VITE-TASSELLO A BATTENTE

- COLLAR FOR PIPE CLAMPING-SPOT WELDED NUT WITH RUBBER GASKET
- SCHELLE FÜR ROHRBEFESTIGUNG PUNKTGESCHWEISSTE MUTTER MIT GUMMIEINLAGE
- COLLIER DE FIXATION POUR TUBE-ECROU SOUDE PAR POINTS GARNITURE ISOPHONIQUE
- ABRAZADERA FIJACIÓN TUBO-TUERCA SOLDADAJUNTA DE GOMA

MATERIAL: St. W 24
VULCANIZED RUBBER: EPDM (-20° C/+120° C) durezza/hardness 55 Shore
NOTE: dado saldato con puntatura elettrica
vite a battente: per materiali particolarmente compatti, introdurre la vite con avvitamento
spot welded nut
hammer screw: for very compact materials, introduce the screw with screwing

Conforme a / Conform to / Entsprechend / Correspondant / Conforme a la **DIN 4109**

CODE	DN inch	Øi mm	F lg x sp mm	V mm	S mm	T mm	M	g				€
555150001	15 mm	15-18	20 x 2,5	M 6 x 20	M 8 x 93	10 x 70	M 8	100	2	50*	2800	**4,50**
555308001	3/8"	17-19	20 x 2,5	M 6 x 20	M 8 x 93	10 x 70	M 8	100	2	50*	2800	**4,50**
555102001	1/2"	21-23	20 x 2,5	M 6 x 20	M 8 x 93	10 x 70	M 8	115	2	50*	2800	**4,50**
555304001	3/4"	26,5-28	20 x 2,5	M 6 x 25	M 8 x 93	10 x 70	M 8	121	2	50*	2800	**4,66**
555100001	1"	33-35	20 x 2,5	M 6 x 25	M 8 x 93	10 x 70	M 8	137	2	50*	2800	**5,39**
555114001	1"1/4	40-45	20 x 2,5	M 6 x 25	M 8 x 93	10 x 70	M 8	140	2	50*	2800	**6,03**
555112001	1"1/2	48-50	20 x 2,5	M 6 x 25	M 8 x 93	10 x 70	M 8	153	2	50*	1800	**6,52**
555200001	2"	60-63	20 x 2,5	M 6 x 25	M 8 x 93	10 x 70	M 8	172	2	20*	1120	**7,22**
555212001	2"1/2	71-80	30 x 2,5	M 6 x 25	M 10 x 90	14 x 70	M 10	352	2	20*	720	**11,15**
555300001	3"	81-89	30 x 2,5	M 6 x 25	M 10 x 90	14 x 70	M 10	412	2	10*	560	**12,66**
555312001	3"1/2	99-103	30 x 2,5	M 6 x 25	M 10 x 90	14 x 70	M 10	430	2	10*	560	**13,82**
555400001	4"	110-117	30 x 2,5	M 6 x 25	M 10 x 90	14 x 70	M 10	450	2	10*	560	**13,79**

Vite a battente: M 8 x 93 mm cod. 216008093 - M 10 x 90 mm cod. 216010093 Tassello: 10 x 70 mm cod. 252100700 - 14 x 70 mm cod. 252140700
Screw: M 8 x 93 mm cod. 216008093 - M 10 x 90 mm cod. 216010093 Plug: 10 x 70 mm cod. 252100700 - 14 x 70 mm cod. 252140700
(*) unità minima di vendita / minimum selling quantity

FOCUS ON

PROVA DI TORSIONE DEL DADO SALDATO - MANICOTTO
TORQUE TEST OF WELDED NUT - SOCKET

ART. 155 - 156/304 - 156/304G - 255 - 251 - 355 - 351 - 355/G - 351/G - 555 - 555/G - 360 - 361 - 362 - 360/G

Nº	Descrizione *Description*	Valori di resistenza a torsione dado elettrosaldato *Values of the electro welded nut torsion resistance*	
1	dado / back nut M8 (fino/till 2")	Carbonio / *Carbon steel*	120 N x m
2	dado / back nut M10 (da / from 2"1/2 fino / till 8")	Carbonio / *Carbon steel*	160 N x m
1	dado / back nut M8 (fino/till 2")	Acciaio inossidabile *Stainless steel*	100 N x m
2	dado / back nut M10 (da / from 2"1/2 fino / till 8")	Acciaio inossidabile *Stainless steel*	130 N x m
3	manicotto / *socket ½"*	Carbonio / *Carbon steel*	140 N x m

NOTE

Non è consentito utilizzare i collari per avvitare la vite dentro il tassello già posizionato nel muro.
It is not allowed to use the collars for screwing the screw into the plug already positioned in the wall.

In questa configurazione, ruotando il collare s'imprime sulla fascia una forza che produce il distacco del dado in quanto con la vite in battuta, si ha la sommatoria delle due componenti di sforzo "torsione + trazione".
With this configuration, through the rotation of the collar a force on the band is impressed in order to produce the detachment of the nut because the screw arrives to the bottom: so you have the sum of the two components of load "torsion and traction".

I valori indicati sono da considerarsi come medie rappresentative.
The values provided should be interpreted as representative average figures.

PROVE A TRAZIONE DI SFILAMENTO DELLA VITE (massimo carico di tenuta a trazione)
SCREW PULL-OUT EXTRACTION TEST (maximum tensile load value)

ART. 155 - 156/304 - 156/304G - 255 - 251 - 355 - 351 - 355/G - 351/G - 555 - 555/G - 360 - 361 - 360/G

Unità di misura - daN ≈ Kg_f *Unit of measurement- daN ≈ Kg_f*	Mattone Pieno *Full Brick*	Mattone forato intonacato (laterizio comune) *Plastered perforated brick (common brick)*	Calcestruzzo *Concrete*
Vite a battente M8 *Hammer Screw M8*	810	200	660
Vite ferrolegno M8 *Bolt-wood screw M8*	520	250	720
Vite a battente M10 *Hammer Screw M10*	670	220	500
Vite ferrolegno M10 *Bolt-wood screw M10*	570	180	520

NOTE

Il carico massimo di utilizzo è il carico di tenuta a trazione indicato nella tabella sopra ÷ 4.
The maximum usable load is the tensile holding load indicated in the table above ÷ 4.

I valori indicati sono da considerarsi come medie rappresentative.
The values provided should be interpreted as representative average figures.

FOCUS ON

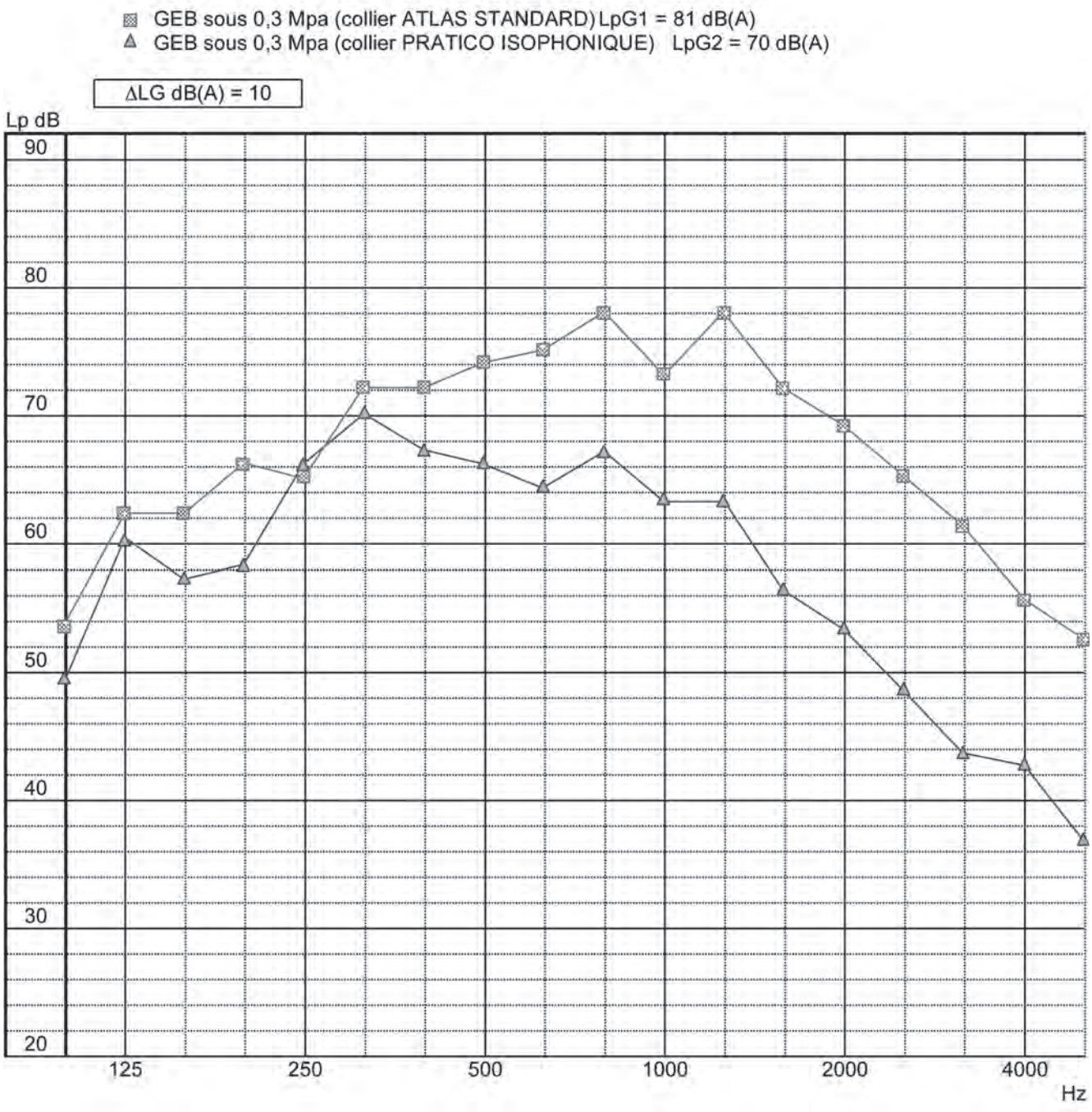
RILIEVO ACUSTICO IMPIANTO STAFFATO CON COLLARI STANDARD E RIVESTITI IN GOMMA
SOUND MEASUREMENT OF FIXED PLANT, WITH STANDARD COLLARS AND COLLARS COVERED WITH RUBBER

ANALISI DEL LIVELLO ACUSTICO
Eseguito da:
Centre de Recherche de Marne La Vallee

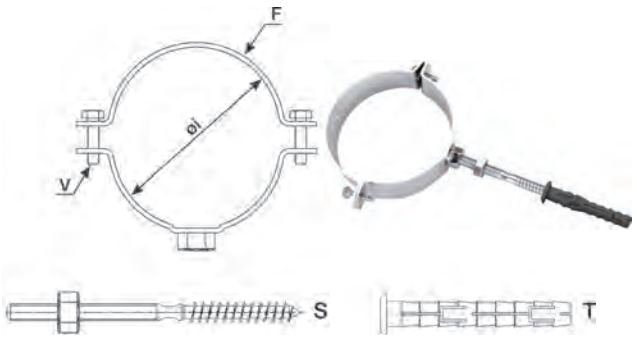
ANALYSIS OF THE SOUND LEVEL
Performed by:
Centre de Recherche de Marne La Vallee

DATO

DATUM



Y 2021



360

COLLARE FISSAGGIO TUBO POLIETILENE

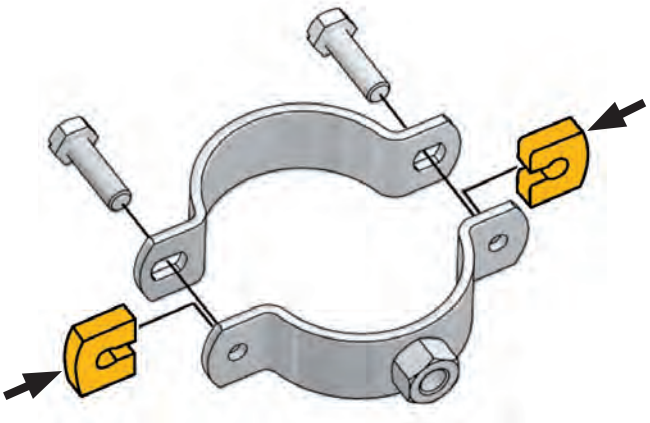
- COLLAR FOR PIPE CLAMPING FOR POLYETHYLENE PIPE
- SCHELLE FÜR BEFESTIGUNG VON POLYATHYLENROHREN
- COLLIER DE FIXATION POUR TUBE POLYETHYLENE
- ABRAZADERA FIJACIÓN TUBO DE POLIETILENO

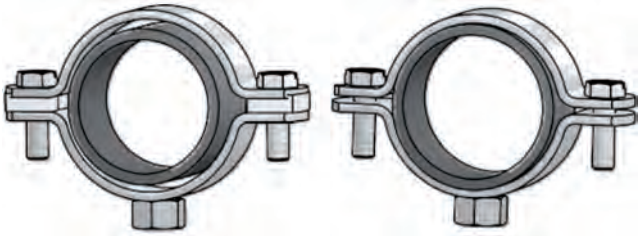
MATERIAL: St. W 24
NOTE: dado saldato con puntatura elettrica
completo di clips per "punto scorrevole"
spot welded nut
complete of clips for "sliding point"

CODE	Øi PE mm	F lg x sp mm	V mm	S mm	T mm	g				€
360040000	40	30 x 2,5	M 6 x 20	M 10 x 120	14 x 70	194	2	30*	1680	**3,79**
360050000	50	30 x 2,5	M 6 x 20	M 10 x 120	14 x 70	216	2	30*	1680	**3,85**
360063000	63	30 x 2,5	M 6 x 20	M 10 x 120	14 x 70	235	2	30*	1680	**4,14**
360075000	75	30 x 2,5	M 6 x 20	M 10 x 120	14 x 70	253	2	30*	1680	**4,44**
360090000	90	30 x 2,5	M 6 x 20	M 10 x 120	14 x 70	274	2	20*	1120	**4,49**
360100000	100	30 x 2,5	M 6 x 20	M 10 x 120	14 x 70	328	2	20*	1120	**4,99**
360110000	110	30 x 2,5	M 6 x 20	M 10 x 120	14 x 70	322	2	20*	1120	**4,79**
360125000	125	30 x 2,5	M 6 x 20	M 10 x 120	14 x 70	350	2	20*	1120	**5,78**
260140000	140	30 x 2,5	M 6 x 20	M 10 x 120	14 x 70	380	2	10*	560	**6,71**
260160000	160	30 x 2,5	M 6 x 20	M 10 x 120	14 x 70	440	2	10*	560	**6,81**
260200000	200	30 x 2,5	M 6 x 20	M 10 x 120	14 x 70	480	2	10*	560	**9,54**

Vite ferro-legno: M 10 x 120 mm cod. 216010120 Tassello: 14 x 70 mm cod. 252140700
Bolt-wood screw: M 10 x 120 mm cod. 216010120 Plug: 14 x 70 mm cod. 252140700
(*) unità minima di vendita / minimum selling quantity

CLIP PER PUNTO FISSO / SCORREVOLE COLLARI SERIE 360 - 361 - 362
CLIPS FOR FIXED / SLIDING POINT FOR COLLARS 360 - 361 - 362 SERIES





SI - YES



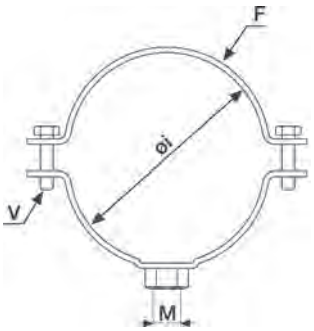
Punto scorrevole
Sliding point

NO



Punto fisso
Fixed point

Y 20 21





361

COLLARE FISSAGGIO TUBO POLIETILENE CON DADO PUNTATO

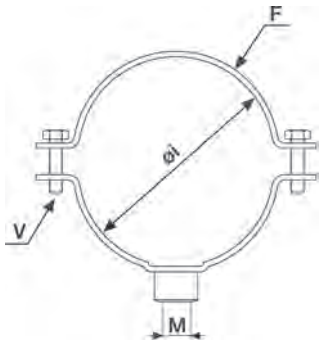
- COLLAR FOR POLYETHYLENE PIPE WITH WELDED NUT
- SCHELLE FÜR POLYATHYLENROHRE MIT GESCHWEISSTER MUTTER
- COLLIER POUR TUBE POLYETHYLENE-ECROU SOUDE
- ABRAZADERA PARA TUBO DE POLIETILENO CON TUERCA SOLDADA POR PUNTOS

MATERIAL: St. W 24
NOTE: dado saldato con puntatura elettrica
completo di clips per "punto scorrevole"
spot welded nut
complete of clips for "sliding point"

CODE	Øi PE mm	F lg x sp mm	V mm	M	g				€
361040000	40	30 x 2,5	M 6 x 20	M 10	123	2	30*	1680	**2,72**
361050000	50	30 x 2,5	M 6 x 20	M 10	146	2	30*	1680	**2,76**
361063000	63	30 x 2,5	M 6 x 20	M 10	165	2	30*	1680	**2,99**
361075000	75	30 x 2,5	M 6 x 20	M 10	198	2	30*	1680	**3,36**
361090000	90	30 x 2,5	M 6 x 20	M 10	212	2	20*	1120	**3,37**
361100000	100	30 x 2,5	M 6 x 20	M 10	242	2	20*	1120	**3,77**
361110000	110	30 x 2,5	M 6 x 20	M 10	253	2	20*	1120	**3,76**
361125000	125	30 x 2,5	M 6 x 20	M 10	287	2	20*	1120	**4,78**
261140000	140	30 x 2,5	M 6 x 20	M 10	320	2	10*	560	**5,46**
261160000	160	30 x 2,5	M 6 x 20	M 10	350	2	10*	560	**5,83**
261200000	200	30 x 2,5	M 6 x 20	M 10	410	2	10*	560	**7,59**

Vite ferro-legno: M 10 x 120 mm cod. 216010120 Tassello: 14 x 70 mm cod. 252140700
Bolt-wood screw: M 10 x 120 mm cod. 216010120 Plug: 14 x 70 mm cod. 252140700
(*) unità minima di vendita / minimum selling quantity

Y 20 21





362

COLLARE FISSAGGIO TUBO POLIETILENE CON MANICOTTO Ø 1/2"

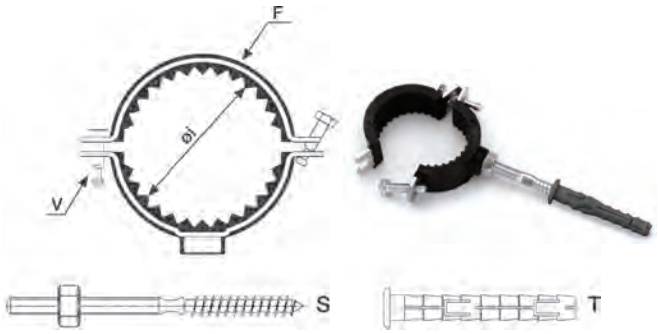
- COLLAR FOR POLYETHYLENE PIPE WITH SOCKET Ø 1/2"
- SCHELLE FÜR POLYATHYLENROHRE MIT MUFFE Ø 1/2"
- COLLIER POUR TUBE POLYETHYLENE AVEC MANCHON Ø 1/2"
- ABRAZADERA PARA TUBO DE POLIETILENO CON MANGUITO Ø 1/2"

MATERIAL: St. W 24
NOTE: manicotto saldato con puntatura elettrica
completo di clips per "punto scorrevole"
spot welded socket
complete with clips for "sliding point"

CODE	Øi PE mm	F lg x sp mm	V mm	M	g				€
362040000	40	30 x 2,5	M 6 x 20	1/2"	198	2	30*	1680	**3,40**
362050000	50	30 x 2,5	M 6 x 20	1/2"	222	2	30*	1680	**3,62**
362063000	63	30 x 2,5	M 6 x 20	1/2"	243	2	30*	1680	**3,88**
362075000	75	30 x 2,5	M 6 x 20	1/2"	265	2	30*	1680	**4,35**
362090000	90	30 x 2,5	M 6 x 20	1/2"	282	2	20*	1120	**4,37**
362110000	110	30 x 2,5	M 6 x 20	1/2"	335	2	20*	1120	**4,60**
362125000	125	30 x 2,5	M 6 x 20	1/2"	368	2	20*	1120	**5,54**
262140000	140	30 x 2,5	M 6 x 20	1/2"	380	2	10*	560	**6,20**
262160000	160	30 x 2,5	M 6 x 20	1/2"	410	2	10*	560	**6,49**
262200000	200	30 x 2,5	M 6 x 20	1/2"	500	2	10*	560	**9,54**

(*) unità minima di vendita / minimum selling quantity

COLLARI / COLLARS PRATIKO®



Y 20 25

360/G

COLLARI CON SGANCIO, DADO PUNTATO E RIVESTIMENTO IN GOMMA

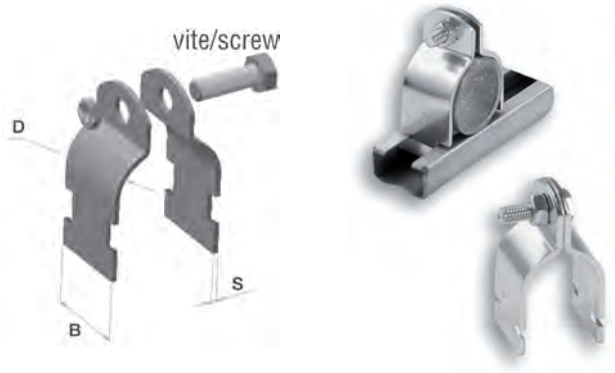
- COLLAR FOR PIPE CLAMPING-SPOT WELDED NUT WITH RUBBER GASKET
- SCHELLE FÜR ROHRBEFESTIGUNG PUNKTGESCHWEISSTE MUTTER MIT GUMMIEINLAGE
- COLLIER DE FIXATION POUR TUBE-ECROU SOUDE PAR POINTS GARNITURE ISOPHONIQUE
- ABRAZADERA FIJACIÓN TUBO-TUERCA SOLDADA-JUNTA DE GOMA

MATERIAL: St. W 24
VULCANIZED RUBBER: EPDM (-20° C/+120° C) durezza/hardness 55 Shore
NOTE: dado saldato con puntatura elettrica spot welded nut

Conforme a / Conform to / Entsprechend / Correspondant / Conforme a la **DIN 4109**

CODE	Øi PE mm	F lg x sp mm	V mm	S mm	T mm	g				€
355114001	40	20 x 2,5	M 6 x 25	M 8 x 100	10 x 70	140	2	50*	2800	5,72
355112001	50	20 x 2,5	M 6 x 25	M 8 x 100	10 x 70	153	2	50*	1800	6,36
355200001	63	20 x 2,5	M 6 x 25	M 8 x 100	10 x 70	172	2	20*	1120	7,00
355212001	75	30 x 2,5	M 6 x 25	M 10 x 120	14 x 70	352	2	20*	720	11,10
355300001	90	30 x 2,5	M 6 x 25	M 10 x 120	14 x 70	412	2	10*	560	12,24
355400001	110	30 x 2,5	M 6 x 25	M 10 x 120	14 x 70	470	2	10*	560	13,66

Vite ferro-legno: M 8 x 100 mm cod. 216008100 - M 10 x 120 mm cod. 216010120 Tassello: 10 x 70 mm cod. 252100700 - 14 x 70 mm cod. 252140700
Bolt-wood screw: M 8 x 100 mm cod. 216008100 - M 10 x 120 mm cod. 216010120 Plug: 10 x 70 mm cod. 252100700 - 14 x 70 mm cod. 252140700
(*) unità minima di vendita / minimum selling quantity



Y 20 24

352

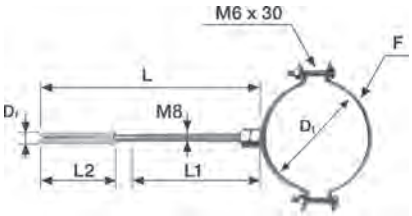
COLLARE AD INCASTRO PER PROFILATI

- SLOTTING COLLAR SECTIONS
- SCHELLE MIT EINSPANNUNG FÜR PROFIL
- COLLIER POUR PROFILES
- ABRAZADERA PARA ENCAJAR PARA GUÍA PERFORADA

For fixing rails: 30/15 - 32/20

CODE	DN inch	B mm	S mm	Screw	g			€
352308000	3/8"	24	2,5		42	1	100*	1,63
352102000	1/2"	24	2,5		52	1	100*	1,63
352304000	3/4"	24	2,5		62	1	100*	1,73
352100000	1"	24	2,5	M 6 x 20 + dado/nut	58	1	100*	1,78
352114000	1"1/4	24	2,5		78	1	50*	1,96
352112000	1"1/2	24	3		118	1	50*	2,87
352200000	2"	24	3		132	1	50*	3,02

(*) unità minima di vendita / minimum selling quantity





Y 20 24

353

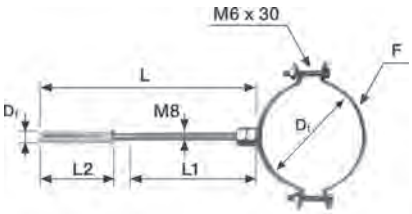
COLLARE VERNICIATO BIANCO PER TUBO FUMO

- WHITE PAINTED COLLAR FOR SMOKE PIPES
- WEISS SCHELLE FÜR RAUCH-ROHR
- COLLIER VERNI BLANC POUR TUBE FUMÉ
- ABRAZADERA BARNIZADA EN BLANCO PARA TUBO HUMO

MATERIAL: collare/collar: nastro decapato/ pickled band UNI EN 10111 tipo 11
viteria/screw: acciaio al carbonio zincato / galvanized carbon steel

CODE	Dt mm	F lg x sp mm	L mm	L1 mm	L2 mm	Df mm	g			€
353076000	76-80	24 x 1,5	200	110	70	10	187	2	20*	**7,30**
353100000	100	24 x 1,5	200	110	70	10	202	2	20*	**8,57**
353110000	110-120	24 x 1,5	200	110	70	10	211	2	20*	**9,85**
353125000	125-130	24 x 1,5	200	110	70	10	223	2	20*	**10,48**
353140000	140-150	24 x 1,5	200	110	70	10	241	2	20*	**12,09**
353160000	160	24 x 1,5	200	110	70	10	257	2	20*	**13,20**

(*) unità minima di vendita / minimum selling quantity





Y 20 24

353/INOX

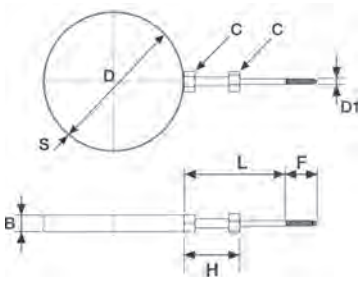
COLLARE INOX PER TUBO FUMO

- INOX COLLAR FOR SMOKE PIPE
- INOX SCHELLE FÜR RAUCH-ROHR
- COLLIER INOX POUR TUBE FUMÉ
- ABRAZADERA INOX PARA TUBO HUMO

MATERIAL: collare/collar: inox A2 UNI EN 10088. viteria/screw: acciaio inox/stainless steel

CODE	Dt mm	F lg x sp mm	L mm	L1 mm	L2 mm	Df mm	g			€
353076001	76-80	24 x 1,8	200	110	70	10	179	2	20*	**23,74**
353100001	100	24 x 1,8	200	110	70	10	204	2	20*	**27,46**
353110001	110-120	24 x 1,8	200	110	70	10	206	2	20*	**29,73**
353125001	125-130	24 x 1,8	200	110	70	10	221	2	20*	**33,23**
353140001	140-150	24 x 1,8	200	110	70	10	241	2	20*	**39,80**
353160001	160	24 x 1,8	200	110	70	10	259	2	20*	**46,31**

(*) unità minima di vendita / minimum selling quantity





Y 20 24

354

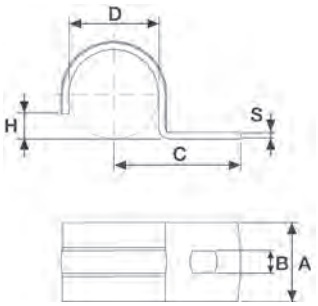
COLLARE TELESCOPICO A DIAMETRO VARIABILE PER TUBI FUMO

- COLLAR FOR SMOKE WITH VARIABLE ADJUSTMENT
- REGELBARE SCHELLE FÜR RAUCH-ROHR
- COLLIER TELESCOP+G166A CON DIAMETRO VARIABLE PARA TUBO HUMO

CODE	Version	D mm	B mm	S mm	L mm	H mm	C (key hex.) mm	F mm	D1 mm	g		€
354080000	bianco / white	80÷140	18	0,5	63÷110	60	12	32	5,6	72	100*	**8,79**
354080002	inox 1.4016 (X8Cr17)	80÷140	18	0,5	63÷110	60	12	32	5,6	76	100*	**15,76**
354140000	bianco / white	140÷200	18	0,5	63÷110	60	12	32	5,6	88	50*	**13,68**
354140002	inox 1.4016 (X8Cr17)	140÷200	18	0,5	63÷110	60	12	32	5,6	88	50*	**19,70**

(*) unità minima di vendita / minimum selling quantity

Y 20 24





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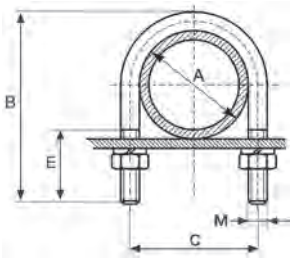
SEMICOLLARE FISSAGGIO TUBO

- HALF COLLAR FOR PIPE CLAMPING
- HALBSCHELLE FÜR ROHRBEFESTIGUNG
- DEMI-COLLIER DE FIXATION POUR TUBE
- MEDIA ABRAZADERA DE FIJACIÓN TUBO

CODE	DN inch	DN mm	A mm	B mm	C mm	H mm	S mm	g			€
275308000	3/8"	17,2	30	8,5	39	4,5	2,5	70	10	100*	1,24
275102000	1/2"	21,3	30	8,5	41,5	6	2,5	70	10	100*	1,29
275304000	3/4"	26,9	30	8,5	44	7,5	2,5	90	10	100*	1,38
275100000	1"	33,7	30	8,5	48	9,5	2,5	100	10	100*	1,48
275114000	1"1/4	42,4	30	8,5	52,5	12,5	2,5	100	5	50*	1,65
275112000	1"1/2	48,3	30	8,5	53,5	13,5	2,5	110	5	50*	1,76
275200000	2"	60,3	30	8,5	62	17	2,5	120	5	50*	1,91

(*) unità minima di vendita / minimum selling quantity

Y 20 24





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CAVALLOTTO ZINCATO PER FISSAGGIO TUBI

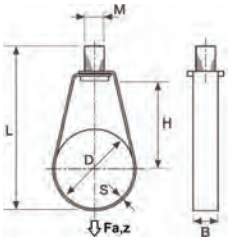
- GALVANIZED U-BOLT CLAMP
- RUNDSTAHLBÜGEL VERZINK
- ÉTRIER AVEC ECROUS GALVANISÉ
- ABARCON GALVANIZADO

NOTE: dado/back nut DIN 934
rondella/washer "grover"
MATERIAL: Q235

CODE	DN inch	A mm	B mm	C mm	M	E mm	g		€
256308000	3/8"	18	42	23	M 6	22	22	100*	1,41
256102000	1/2"	22	47	27	M 6	22	25	100*	1,41
256304000	3/4"	28	60	33	M 6	33	29	100*	1,52
256100000	1"	34	60	39	M 6	33	30	100*	1,58
256114000	1"1/4	43	72	48	M 6	33	35	100*	1,76
256112000	1"1/2	49	90	56	M 8	33	70	100*	1,81
256200000	2"	61	92	68	M 8	33	82	50*	2,76
256212000	2"1/2	77	114	84	M 8	45	100	50*	5,99
256300000	3"	90	122	97	M 8	45	106	50*	6,32
256400000	4"	115	155	124	M 10	45	220	25*	6,84
256500000	5"	140	180	151	M 10	45	260	25*	8,13
256600000	6"	175	214	184	M 10	45	290	25*	12,18
256800000	8"	225	264	234	M 10	45	330	25*	19,88

(*) unità minima di vendita / minimum selling quantity

Y 20 28





272/01

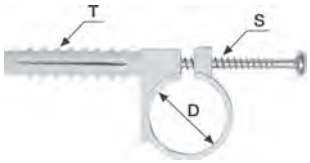
COLLARE PER IMPIANTI ANTINCENDIO CON BOCCOLA FILETTATA FM-UL

- SPRINKLER PIPE CLAMP FM-UL
- SPRINKLERSCHLAUFE FM-UL
- COLLIER SPRINKLER FM-UL
- ABRAZADERA SPRINKLER INSTALACIÓN FM-UL

CODE	DN inch	DN	D mm	M	L mm	H mm	B mm	S mm	Fa,z daN	g		€
272102001	1/2"	15	23	M 10	86	51	16	1	150	29	100*	**1,84**
272304001	3/4"	20	28	M 10	86	48	16	1	150	31	100*	**1,86**
272100001	1"	25	35	M 10	89	48	16	1	150	32	100*	**1,91**
272114001	1"1/4	32	44	M 10	98	52	16	1	150	38	100*	**2,10**
272112001	1"1/2	40	50	M 10	105	56	16	1	150	45	100*	**3,00**
272200001	2"	50	62	M 10	117	61	16	1	150	50	100*	**3,32**
272212001	2"1/2	65	77	M 10	130	68	22	2	450	123	50*	**5,10**
272300001	3"	80	90	M 10	143	74	22	2	450	131	50*	**5,99**
272400001	4"	100	115	M 10	175	93	22	2	450	159	25*	**7,65**
272500001	5"	125	142	M 12	213	111	25	3	520	362	25*	**9,74**
272600001	6"	150	170	M 12	250	132	25	3	520	417	25*	**12,21**
272800001	8"	200	221	M 12	312	167	25	3	520	516	10*	**20,05**

(*) unità minima di vendita / minimum selling quantity

Y 20 26





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COLLARE NYLON PER FISSAGGIO TUBO RAME

- NYLON COLLAR FOR COPPER PIPE CLAMPING
- NYLON-SCHELLE FÜR BEFESTIGUNG VON KUPFERRHOREN
- COLLIER DE FIXATION SIMPLE NYLON POUR TUBE CUIVRE
- ABRAZADERA DE NYLON PARA FIJACIÓN TUBO DE COBRE

CODE	D mm	T mm	S mm	Min. wall thickness (1) mm	Traction resistance (2) DaN	g			€
270100000	10	5 x 20	ø 3,5 x 35	30	54	2	10	500*	**0,67**
270120000	12	5 x 20	ø 3,5 x 35	30	54	2	10	500*	**0,79**
270140000	14	6 x 25	ø 4 x 45	50	90	5	10	500*	**0,83**
270150000	15	6 x 25	ø 4 x 45	50	90	6	10	500*	**1,03**
270160000	16	6 x 25	ø 4 x 45	50	90	5	10	500*	**1,03**
270180000	18	8 x 30	ø 4,5 x 50	60	96	8	10	200*	**1,13**
270200000	20	8 x 30	ø 4,5 x 50	60	96	8	10	200*	**1,23**
270220000	22	8 x 30	ø 4,5 x 50	60	96	8	10	200*	**1,30**
270280000	28	10 x 40	ø 6 x 60	80	180	20	10	100*	**2,51**

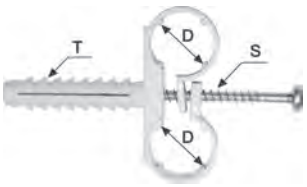
(*) Unità minima di vendita
(1) Spessore minimo muro
(2) Resistenza alla trazione in DaN. Applicazioni in calcestruzzo cl. C20/25. Si consiglia un coefficiente di sicurezza pari a 6.
IDONEO PER MATERIALI: calcestruzzo, pietra naturale, mattone pieno, mattone forato, mattone semipieno, blocco cemento vuoto.
PER ANCORARE: tubi per installazioni elettriche, canaline rigide
CARATTERISTICHE: supporto chiuso a collare in materiale plastico per tubi rigidi in PVC completo di tassello incorporato e vite zincata.
VANTAGGI
- Ideale per installazioni di canaline in fissaggi in parallelo e in serie
- Facilita la velocità d'installazione
- Temperatura di esercizio: -40°C÷ +40°C (max 80°C per breve periodo)
- Temperatura di posa: +5°C÷ +40°C
- Le alette interne al collarino impediscono le oscillazioni dei tubi

CONSIGLI PER L'IMPIEGO: non sono consigliate applicazioni permanenti con carichi sospesi oltre i 40°C utilizzando ancoranti plastici.

(*) Minimum selling quantity
(1) Minimum wall thickness
(2) Tensile strength in daN. Applications Concrete class C20/25. We recommend a safety factor of 6.
SUITABLE FOR MATERIALS: concrete, natural stone, brick full, hollow brick, half-full brick, hollow concrete block.
TO ANCHOR: pipes for electrical installations, rigid conduit.
FEATURES: closed support plastic collar for rigid pipes in PVC complete with built-in dowel and galvanized screw.
ADVANTAGES
- Ideal for installation of hardware cable ducts, parallel and series version
- It facilitates installation speed
- Operating temperature: -40°C to +40°C (for short period max 80° C)
- Installation temperature: +5°C to +40°C

The inner fins prevent the collar pipe oscillations
APPLICATION ADVICE: not recommended permanent applications with suspended loads above +40°C using plastic anchors.

Y 20 26





270/D

COLLARE NYLON DOPPIO PER FISSAGGIO TUBO RAME

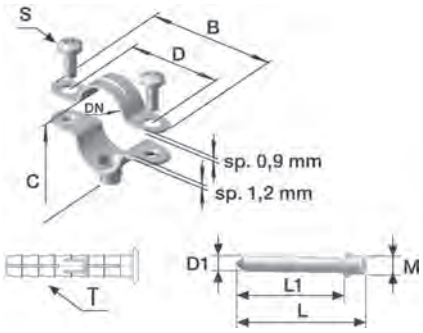
- NYLON COLLAR FOR COPPER PIPE CLAMPING
- NYLON-SCHELLE FÜR BEFESTIGUNG VON KUPFERRHOREN
- COLLIER DE FIXATION NYLON POUR TUBE CUIVRE
- ABRAZADERA DE NYLON PARA FIJACION TUBO DE COBRE

CODE	D mm	T mm	S mm	Min. wall thickness (1) mm	Traction resistance (2) DaN	g			€
270100200	10	8 x 30	ø 4,5 x 50	60	96	3	10	250*	**1,15**
270120200	12	8 x 30	ø 4,5 x 50	60	96	3	10	250*	**1,22**
270140200	14	8 x 30	ø 4,5 x 50	60	96	6	10	250*	**1,22**
270150200	15	8 x 30	ø 4,5 x 50	60	96	10	10	250*	**1,56**
270160200	16	8 x 30	ø 4,5 x 50	60	96	12	10	250*	**1,56**
270180200	18	10 x 40	ø 6 x 60	80	180	18	10	100*	**1,59**
270200200	20	10 x 40	ø 6 x 60	80	180	17	10	100*	**1,69**
270220200	22	10 x 40	ø 6 x 60	80	180	16	10	50*	**1,75**
270280200	28	10 x 40	ø 6 x 60	80	180	26	10	50*	**3,42**

(*) Unità minima di vendita
(1) Spessore minimo muro
(2) Resistenza alla trazione in DaN. Applicazioni in calcestruzzo cl. C20/25. Si consiglia un coefficiente di sicurezza pari a 6.
IDONEO PER MATERIALI: calcestruzzo, pietra naturale, mattone pieno, mattone forato, mattone semipieno, blocco cemento vuoto.
PER ANCORARE: tubi per installazioni elettriche, canaline rigide
CARATTERISTICHE: supporto chiuso a collare in materiale plastico per tubi rigidi in PVC completo di tassello incorporato e vite zincata.
VANTAGGI
– Ideale per installazioni di canaline in fissaggi in parallelo e in serie
– Facilita la velocità d'installazione
– Temperatura di esercizio: –40°C÷ +40°C (max 80°C per breve periodo)
– Temperatura di posa: +5°C÷ +40°C
– Le alette interne al collarino impediscono le oscillazioni dei tubi
CONSIGLI PER L'IMPIEGO: non sono consigliate applicazioni permanenti con carichi sospesi oltre i 40°C utilizzando ancoranti plastici.

(*) Minimum selling quantity
(1) Minimum wall thickness
(2) Tensile strength in daN. Applications Concrete class C20/25. We recommend a safety factor of 6.
SUITABLE FOR MATERIALS: concrete, natural stone, brick full, hollow brick, half–full brick, hollow concrete block.
TO ANCHOR: pipes for electrical installations, rigid conduit.
FEATURES: closed support plastic collar for rigid pipes in PVC complete with built–in dowel and galvanized screw.
ADVANTAGES
– Ideal for installation of hardware cable ducts, parallel and series version
– It facilitates installation speed
– Operating temperature: –40°C to +40°C (for short period max 80° C)
– Installation temperature: +5°C to +40°C
The inner fins prevent the collar pipe oscillations
APPLICATION ADVICE: not recommended permanent applications with suspended loads above +40°C using plastic anchors.

Y 20 27





270/CU

COLLARE RAME PER FISSAGGIO TUBO RAME

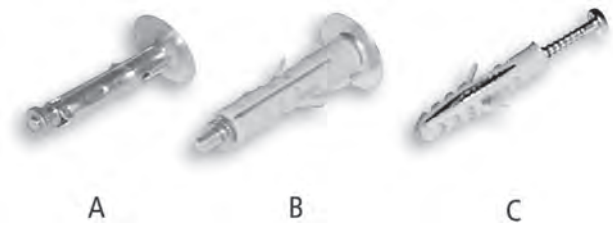
- COPPER COLLAR FOR COPPER PIPE CLAMPING
- KUPFER-SCHELLE FÜR BEFESTIGUNG VON KUPFERRHOREN
- COLLIER DE FIXATION EN CUIVRE POUR TUBE CUIVRE
- ABRAZADERA DE COBRE PARA FIJACIÓN TUBO DE COBRE

MATERIAL: collare/collar: rame/copper
viteria/screws: acciaio inox AISI 304 ramato
copper-plated AISI 304 stainless steel

CODE	DN mm	B mm	C mm	D mm	S	M	L mm	L1 mm	D1 mm	T mm	g			€
2701000CU	10	37	19	24	3/16 W x 10 mm	M 6	38	30	4,7	6 x 35	16	10	100*	**2,76**
2701200CU	12	45	24	26		M 6	38	30	4,7	6 x 35	18	10	100*	**2,77**
2701400CU	14	45	24	26		M 6	38	30	4,7	6 x 35	18	10	100*	**2,77**
2701600CU	15-16	45	24	33		M 6	38	30	4,7	6 x 35	19	10	100*	**2,97**
2701800CU	18	45	27	31		M 6	38	30	4,7	6 x 35	19	10	100*	**2,98**
2702200CU	22	46	28	35		M 6	38	30	4,7	6 x 35	20	10	100*	**3,00**
2702800CU	28	55	35	44		M 6	38	30	4,7	6 x 35	22	10	100*	**3,18**
2703500CU	35	67	45	55		M 6	38	30	4,7	6 x 35	26	10	100*	**3,79**
2704200CU	42	71	50	59		M 6	38	30	4,7	6 x 35	31	10	100*	**5,21**
2705400CU	54	93	64	80		M 6	38	30	4,7	6 x 35	39	10	100*	**6,07**

(*) unità minima di vendita / minimum selling quantity

Y 20 24



258/T

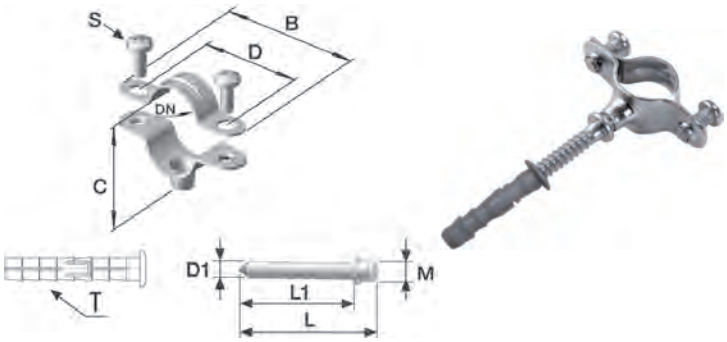
VITE E TASSELLO PER FISSAGGIO GRAFFETTE E CAVALLOTTI

- BOLT AND PLUG FOR LIGHT CLIP AND U-BOLT
- SCHRAUBE UND DÜBEL FÜR EINFACHE FIXBBRIDE UND ROHRBÄNDER
- VIS ET CHEVILLE POUR ATTACHES ET ÉTRIER LÉGÈRE
- TORNILLO Y TACO PARA GRAPA Y GRAPA PUENTE

CODE	Version	Screw	Plug		g		€
			Material	Dimension			
258000000	A	Ts M 4 x 45	acciaio - steel	8 x 35	8	200*	**0,60**
258000001	B	Ts M 4 x 40	nylon	9 x 40	8	100*	**0,68**
258000005	C	Ts ø 3,5 x 30	nylon	5 x 25	2	100*	**0,35**
258000006	C	Ts ø 4,5 x 40	nylon	6 x 30	4	100*	**0,38**
258000008	C	Ts ø 5 x 50	nylon	8 x 40	6	50*	**0,60**
258000010	C	Ts ø 6 x 60	nylon	10 x 50	10	25*	**1,16**

(*) unità minima di vendita / minimum selling quantity

Y 20 24



257

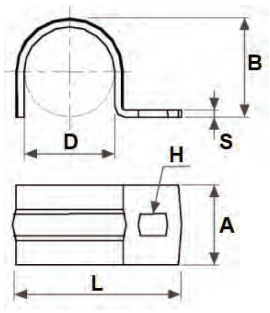
COLLARE LEGGERO ZINCATO

- LIGHT COLLAR
- LEICHT SCHELLE
- COLLIER LÉGÈRE
- ABRAZADERA LIGERA

CODE	DN mm	B mm	C mm	D mm	S	M	L mm	L1 mm	D1 mm	T mm	g			€
257100000	10	35	18	24	M 5 x 9	M 6	38	30	4,7	6 x 35	10	10	100*	**0,68**
257120000	12	37	19	27	M 5 x 9	M 6	38	30	4,7	6 x 35	12	10	100*	**0,68**
257140000	14	39	21	24	M 5 x 12	M 6	38	30	4,7	6 x 35	12	10	100*	**0,69**
257160000	16	41	23	31	M 5 x 12	M 6	38	30	4,7	6 x 35	14	10	100*	**0,69**
257180000	18	42	24	32	M 5 x 12	M 6	38	30	4,7	6 x 35	14	10	100*	**0,73**
257220000	22	45	27	35	M 5 x 12	M 6	38	30	4,7	6 x 35	16	10	100*	**0,73**
257260000	26	47	29	37	M 5 x 12	M 6	38	30	4,7	6 x 35	18	10	100*	**0,75**
257280000	28	51	32	40	M 5 x 12	M 6	38	30	4,7	6 x 35	18	10	100*	**0,82**
257320000	32	53	35	43	M 5 x 12	M 6	38	30	4,7	6 x 35	20	10	100*	**0,85**
257350000	35	57	39	46	M 5 x 12	M 6	38	30	4,7	6 x 35	22	10	50*	**0,93**
257400000	40	60	43	49	M 5 x 12	M 6	38	30	4,7	6 x 35	22	10	50*	**0,97**
257420000	42	65	48	55	M 5 x 12	M 6	38	30	4,7	6 x 35	22	10	50*	**1,07**
257480000	48	67	50	56	M 5 x 12	M 6	38	30	4,7	6 x 35	24	10	50*	**1,14**
257500000	50	78	58	65	M 5 x 12	M 6	38	30	4,7	6 x 35	26	10	50*	**1,19**
257600000	60	91	67	79	M 5 x 12	M 6	38	30	4,7	6 x 35	28	5	25*	**1,25**

(*) unità minima di vendita / minimum selling quantity

Y 20 24





259

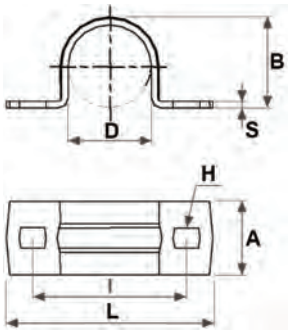
GRAFFETTA ZINCATA PER FISSAGGIO TUBO

- LIGHT CLIP
- EINFACHE FIXBBRIDE
- ATTACHE
- GRAPA

CODE	D mm	H mm	A mm	B mm	L mm	S mm	g		€
259100000	10	6,5 x 12,5	14	12	34	1,2	4	100*	**0,24**
259120000	12	6,5 x 12,5	14	14	37	1,2	4	100*	**0,26**
259140000	14	6,5 x 12,5	14	18	39	1,2	4	100*	**0,27**
259160000	16	6,5 x 12,5	14	17	39	1,2	6	100*	**0,28**
259200000	20	6,5 x 12,5	14	21	42	1,2	8	100*	**0,31**
259220000	22	6,5 x 12,5	14	23	45	1,2	8	100*	**0,32**
259260000	26	6,5 x 12,5	14	27	50	1,2	12	100*	**0,36**
259280000	28	6,5 x 12,5	14	29	53	1,2	12	100*	**0,40**
259320000	32	6,5 x 12,5	15	34	60	1,8	20	100*	**0,40**
259400000	40	6,5 x 12,5	15	42	67	1,8	24	50*	**0,43**
259500000	50	6,5 x 12,5	15	52	78	1,8	28	50*	**0,54**
259600000	60	8,5 x 11	25	62	98	2,2	66	50*	**0,84**

(*) unità minima di vendita / minimum selling quantity

Y 20 24





271

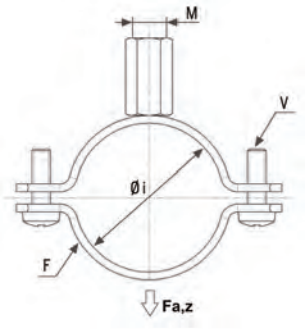
CAVALLOTTO ZINCATO PER FISSAGGIO TUBO

- LIGHT U-BOLT
- ROHRBÄNDER
- ÉTRIER LÉGÈRE
- GRAPA PUENTE

CODE	D mm	H mm	A mm	B mm	L mm	I mm	S mm	g		€
271100000	10	Foro / Hole 5	10	12	42	31	0,9	6	100*	**0,24**
271120000	12	Foro / Hole 5	10	14	45	34	0,9	6	100*	**0,26**
271140000	14	Foro / Hole 5	10	15	45	32	0,9	6	100*	**0,27**
271160000	16	5 x 6,5	12	17	49	36	0,9	6	100*	**0,28**
271200000	20	5 x 6,5	12	21	51	38	0,9	6	100*	**0,31**
271220000	22	6,5 x 8,5	14	23	61	46	0,9	8	100*	**0,32**
271260000	26	6,5 x 8,5	14	28	63	49	0,9	8	100*	**0,36**
271280000	28	6,5 x 8,5	14	30	67	50	0,9	12	100*	**0,40**
271320000	32	6,5 x 10	14	33	69	51	0,9	14	100*	**0,40**
271400000	40	6,5 x 10	14	41	78	60	0,9	16	50*	**0,43**
271500000	50	6,5 x 10	14	51	92	74	0,9	20	50*	**0,54**
271600000	60	8,5 x 11	25	62	125	97	2,2	78	50*	**1,61**

(*) unità minima di vendita / minimum selling quantity

Y 20 24





356

COLLARE SENZA VITE E TASSELLO, DADO COMBI M8-M10

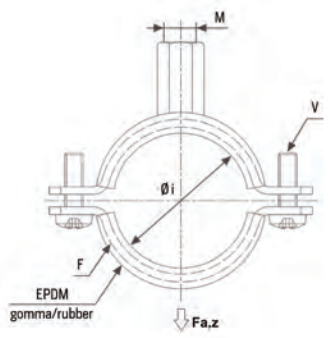
- COLLAR FOR PIPE CLAMPING WITHOUT DOWEL & WOOD-IRON SCREW
- SCHELLE FÜR ROHRBEFESTIGUNG OHNE DUBEL UND EISEN-HOLZSCHRAUBE, M8-M10 MUTTER
- COLLIER DE FIXATION POUR TUBE SANS CHEVILLE ET VIS FER-BOIS, ECROU M8-M10
- ABRAZADERA FIJACIÓN TUBO SIN TACO NI TORNILLO, TUERCA M8-M10

MATERIAL: S185 (1.0035)

CODE	DN inch	Øi mm	F lg x sp mm	M	V mm	Fa,z daN	g			€
356308000	3/8"	15-19	19 x 1,8	M 8 / 10	M 6 x 20	195	54	50*	5600	**1,14**
356102000	1/2"	20-25	19 x 1,8	M 8 / 10	M 6 x 20	195	54	50*	5600	**1,21**
356304000	3/4"	26-30	19 x 1,8	M 8 / 10	M 6 x 20	195	60	50*	5600	**1,31**
356100000	1"	32-36	19 x 1,8	M 8 / 10	M 6 x 20	195	64	50*	5000	**1,40**
356114000	1"1/4	38-43	19 x 1,8	M 8 / 10	M 6 x 20	195	70	50*	3000	**1,63**
356112000	1"1/2	47-51	19 x 1,8	M 8 / 10	M 6 x 20	195	75	25*	3000	**1,78**
356200000	2"	60-64	19 x 1,8	M 8 / 10	M 6 x 20	195	86	25*	3000	**1,90**
356212000	2"1/2	75-80	19 x 1,8	M 8 / 10	M 6 x 20	195	102	25*	2500	**2,77**
356300000	3"	87-92	19 x 1,8	M 8 / 10	M 6 x 20	195	112	25*	2500	**3,16**
356312000	3"1/2	99-105	19 x 1,8	M 8 / 10	M 6 x 20	195	116	25*	2500	**3,34**
356400000	4"	113-118	19 x 1,8	M 8 / 10	M 6 x 20	195	136	25*	1300	**3,75**
356412000	ø 125	125-130	19 x 2	M 8 / 10	M 6 x 20	195	144	25*	1300	**4,08**
356500000	5"	138-142	19 x 2	M 8 / 10	M 6 x 20	195	172	25*	1300	**5,83**
356600000	ø 160	159-166	19 x 2	M 8 / 10	M 6 x 25	195	192	25*	600	**6,29**
356612000	6"	168-172	19 x 2	M 8 / 10	M 6 x 25	195	192	25*	600	**8,26**
356800000	8"	215-226	19 x 2,2	M 8 / 10	M 6 x 30	195	280	25*	600	**9,13**

(*) unità minima di vendita / minimum selling quantity
Fa,z -> Fattore di sicurezza = 3; safety factor = 3; Sicherheitsfaktor = 3; facteur de sécurité = 3; factor de seguridad = 3.

Y 20 24





356/G

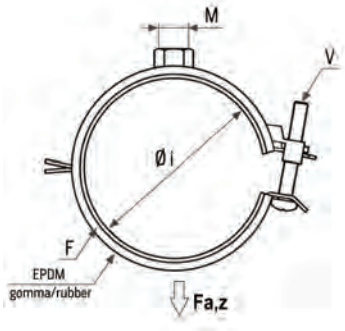
COLLARE CON GOMMA, SENZA VITE E TASSELLO, DADO COMBI M8-M10

- COLLAR FOR PIPE CLAMPING WITH RUBBER GASKET WITHOUT DOWEL & WOODIRON SCREW
- SCHELLE FÜR ROHRBEFESTIGUNG MIT GUMMIEINLAGE OHNE DUBEL UND EISENHOLZ-SCHRAUBE
- COLLIER DE FIXATION GARNITURE ISOPHONIQUE SANS CHEVILLE ET VIS FER-BOIS
- ABRAZADERA FIJACIÓN JUNTA DE GOMA SIN TACO NI TORNILLO

MATERIAL: S185 (1.0035)
VULCANIZED RUBBER: EPDM (-20° C/+120° C)

CODE	DN inch	Øi mm	F lg x sp mm	M	V mm	Fa,z daN	g			€
356308000G	3/8"	15-19	19 x 1,8	M 8 / 10	M 6 x 20	195	60	50*	5600	**1,38**
356102000G	1/2"	20-25	19 x 1,8	M 8 / 10	M 6 x 20	195	67	50*	5600	**1,45**
356304000G	3/4"	26-30	19 x 1,8	M 8 / 10	M 6 x 20	195	74	50*	5600	**1,51**
356100000G	1"	32-36	19 x 1,8	M 8 / 10	M 6 x 20	195	80	50*	5000	**1,73**
356114000G	1"1/4	38-43	19 x 1,8	M 8 / 10	M 6 x 20	195	88	25*	3000	**2,05**
356112000G	1"1/2	47-51	19 x 1,8	M 8 / 10	M 6 x 20	195	92	25*	3000	**2,18**
356054000G	ø 54	53-58	19 x 1,8	M 8 / 10	M 6 x 20	195	108	25*	3000	**2,36**
356200000G	2"	60-64	19 x 1,8	M 8 / 10	M 6 x 20	195	114	25*	3000	**2,42**
356212000G	2"1/2	75-80	19 x 1,8	M 8 / 10	M 6 x 20	195	130	25*	2500	**4,10**
356300000G	3"	87-92	19 x 1,8	M 8 / 10	M 6 x 20	195	150	25*	2500	**4,58**
356312000G	3"1/2	99-105	19 x 1,8	M 8 / 10	M 6 x 20	195	156	25*	2500	**4,92**
356110000G	ø 108-110	107-112	19 x 1,8	M 8 / 10	M 6 x 20	195	162	25*	1300	**5,37**
356400000G	4"	113-118	19 x 1,8	M 8 / 10	M 6 x 20	195	168	25*	1300	**5,56**
356412000G	ø 125	125-130	19 x 2	M 8 / 10	M 6 x 20	195	188	25*	1300	**8,29**
356500000G	5"	138-142	19 x 2	M 8 / 10	M 6 x 20	195	204	25*	1300	**9,65**
356600000G	ø 160	159-166	19 x 2	M 8 / 10	M 6 x 25	195	238	25*	600	**10,74**
356612000G	6"	168-172	19 x 2	M 8 / 10	M 6 x 25	195	242	25*	600	**12,54**
356800000G	8"	215-226	19 x 2,2	M 8 / 10	M 6 x 30	195	346	25*	600	**13,70**

(*) unità minima di vendita / minimum selling quantity
Fa,z -> Fattore di sicurezza = 3; safety factor = 3; Sicherheitsfaktor = 3; facteur de sécurité = 3; factor de seguridad = 3.





Y 20 24

359/M8

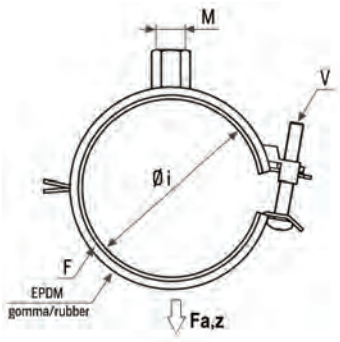
COLLARE CON GOMMA SGANCIO 1 VITE DADO M8

- PIPE CLAMP M8 WITH EPDM RUBBER 1 SCREW FIXING
- ROHRSCHELLE FÜR ROHRE IN SCHWEREE AUSFÜHRUNG MIT GUMMI IN EPDM, M8-MUTTER
- COLLIER ISOPHONIQUE Á CHARNIÉRE M8
- ABRAZADERA ABIERTA ISOFÓNICA M8

MATERIAL: S185 (1.0035)
VULCANIZED RUBBER: EPDM (-20° C/+120° C)

CODE	DN inch	Øi mm	F lg x sp mm	M	V mm	Fa,z daN	g			€
359104000	1/4"	11-15	20 x 1,2	M 8	M 5 x 25	80	30	100*	7200	**1,00**
359308000	3/8"	15-19	20 x 1,2	M 8	M 5 x 25	80	34	100*	7200	**1,14**
359102000	1/2"	21-23	20 x 1,2	M 8	M 5 x 25	80	38	100*	7200	**1,24**
359304000	3/4"	26-28	20 x 1,2	M 8	M 5 x 25	80	42	100*	4800	**1,30**
359100000	1"	32-35	20 x 1,2	M 8	M 5 x 30	80	50	100*	4800	**1,41**
359114000	1"1/4	40-43	20 x 1,2	M 8	M 5 x 30	80	54	50*	2500	**1,65**
359112000	1"1/2	48-51	20 x 1,2	M 8	M 5 x 35	80	63	50*	2500	**1,81**
359054000	ø 54	51-56	20 x 1,2	M 8	M 5 x 35	80	64	50*	1750	**1,91**
359200000	2"	57-60	20 x 1,2	M 8	M 5 x 35	80	70	50*	1750	**1,96**
359063000	ø 63	62-65	20 x 1,2	M 8	M 5 x 35	80	74	50*	1750	**2,04**

(*) unità minima di vendita / minimum selling quantity
Fa,z -> Fattore di sicurezza = 3; safety factor = 3; Sicherheitsfaktor = 3; facteur de sécurité = 3; factor de seguridad = 3.





Y 20 24

359/M8-10

COLLARE CON GOMMA SGANCIO 1 VITE DADO M8/M10

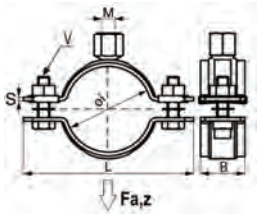
- PIPE CLAMP M8/M10 WITH EPDM RUBBER 1 SCREW FIXING
- ROHRSCHELLE FÜR ROHRE IN SCHWEREE AUSFÜHRUNG MIT GUMMI IN EPDM, M8/M10-MUTTE
- COLLIER ISOPHONIQUE Á CHARNIÉRE M8/M10
- ABRAZADERA ABIERTA ISOFÓNICA M8/M10

MATERIAL: S185 (1.0035)
VULCANIZED RUBBER: EPDM (-20° C/+120° C)

CODE	DN inch	Øi mm	F lg x sp mm	M	V mm	Fa,z daN	g			€
359104001	1/4"	11-15	20 x 1,2	M 8 / 10	M 5 x 25	80	36	100*	7200	**1,24**
359308001	3/8"	15-19	20 x 1,2	M 8 / 10	M 5 x 25	80	40	100*	7200	**1,34**
359102001	1/2"	21-23	20 x 1,2	M 8 / 10	M 5 x 25	80	44	100*	7200	**1,34**
359304001	3/4"	26-28	20 x 1,2	M 8 / 10	M 5 x 25	80	48	100*	4800	**1,44**
359100001	1"	32-35	20 x 1,2	M 8 / 10	M 5 x 30	80	54	100*	4800	**1,61**
359114001	1"1/4	40-43	20 x 1,2	M 8 / 10	M 5 x 30	80	62	50*	2500	**2,04**
359112001	1"1/2	48-51	20 x 1,2	M 8 / 10	M 5 x 35	80	68	50*	2500	**2,10**
359054001	ø 54	51-56	20 x 1,2	M 8 / 10	M 5 x 35	80	70	50*	1750	**2,18**
359200001	2"	57-60	20 x 1,2	M 8 / 10	M 5 x 35	80	74	50*	1750	**2,25**
359063001	ø 63	62-65	20 x 1,2	M 8 / 10	M 5 x 35	80	80	50*	1750	**2,32**

(*) unità minima di vendita / minimum selling quantity
Fa,z -> Fattore di sicurezza = 3; safety factor = 3; Sicherheitsfaktor = 3; facteur de sécurité = 3; factor de seguridad = 3.

Y 20 28





363

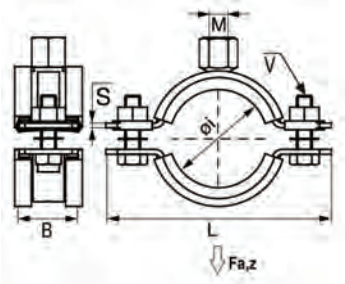
COLLARE PESANTE

- HEAVY COLLAR
- SCHWER SCHELLE
- COLLIER SÉRIE LOURDE
- ABRAZADERA GRUESA

CODE	DN inch	Øi mm	M	V mm	B mm	S mm	L mm	Fa,z daN	g			€
363000200	2"	59 - 65	M 8 / 10	M 8 x 30	30	2,5	122	210	225	-	50*	19,60
363000212	2"1/2	72 - 78	M 10 / 12	M 8 x 30	30	3	136	400	292	-	50*	20,91
363000300	3"	86 - 92	M 10 / 12	M 8 x 30	30	3	152	400	339	-	30*	23,29
363000400	4"	108 - 116	M 10 / 12	M 8 x 35	30	3	175	400	370	-	20*	24,09
363000500	5"	132 - 140	M 10 / 12	M 8 x 35	30	3	200	400	426	-	20*	26,85
363000600	6"	159 - 169	M 10 / 12	M 10 x 40	38	4	240	820	862	-	10*	34,34
363000800	8"	217 - 227	M 10 / 12	M 10 x 40	38	4	299	820	1047	1*	10	41,78
363000244	-	244 - 254	M 16	M 12 x 50	38	4	335	820	1238	1*	10	50,16
363001000	10"	267 - 279	M 16	M 12 x 50	38	4	360	820	1268	1*	10	51,07
363001200	12"	315 - 325	M 16	M 12 x 50	48	5	403	1200	2200	1*	-	74,18
363001400	14"	350 - 360	M 16	M 12 x 50	48	5	439	1200	2369	1*	-	91,97
363001600	16"	398 - 408	M 16	M 12 x 50	48	5	487	1200	2651	1*	-	100,10
363001800	18"	448 - 458	M 16	M 12 x 50	48	5	537	1200	2897	1*	-	111,90
363002000	20"	499 - 509	M 16	M 12 x 50	48	5	588	1200	3380	1*	-	113,65

(*) unità minima di vendita / minimum selling quantity

Y 20 28





Conforme a
Conform to
Entsprechend
Correspondant
Conforme a la
DIN 4109

363/G

COLLARE PESANTE CON GOMMA

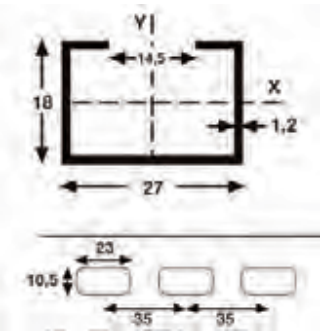
- HEAVY COLLAR WITH RUBBER
- SCHWER SCHELLE MIT GUMMI
- COLLIER GOMME SÉRIE LOURDE
- ABRAZADERA GRUESA CON GOMA

VULCANIZED RUBBER: EPDM (-20° C/+120° C) durezza/hardness 55 Shore

CODE	DN inch	Øi mm	M	V mm	B mm	S mm	L mm	Fa,z daN	g			€
363000212G	2"1/2	72 - 78	M 10 / 12	M 8 x 30	30	3	144	230	350	-	20*	26,49
363000300G	3"	86 - 92	M 10 / 12	M 8 x 30	30	3	159	230	390	-	20*	27,69
363000400G	4"	108 - 116	M 10 / 12	M 8 x 35	30	3	182	230	450	-	20*	29,56
363000500G	5"	132 - 140	M 10 / 12	M 8 x 35	30	3	207	230	523	-	10*	32,45
363000600G	6"	159 - 169	M 10 / 12	M 10 x 50	38	4	254	380	1094	-	10*	53,81
363000800G	8"	217 - 227	M 10 / 12	M 12 x 50	38	4	322	380	1380	1*	6	67,35
363000244G	-	240 - 250	M 16	M 12 x 50	38	4	345	380	1579	1*	6	75,71
363001000G	10"	265 - 275	M 16	M 12 x 50	48	5	367	920	2267	1*	4	87,79
363001200G	12"	315 - 325	M 16	M 12 x 50	48	5	414	920	2573	1*	-	90,24
363001400G	14"	354 - 364	M 16	M 12 x 50	48	5	453	920	2980	1*	-	113,32
363001600G	16"	398 - 408	M 16	M 12 x 50	48	5	497	920	3178	1*	-	122,32
363001800G	18"	448 - 458	M 16	M 12 x 50	48	5	548	920	3546	1*	-	144,96
363002000G	20"	499 - 509	M 16	M 12 x 50	48	5	599	920	3862	1*	-	148,56

(*) unità minima di vendita / minimum selling quantity

Y 10 11





210-P1

PROFILO 2 M ZINCATO SENDZIMIR

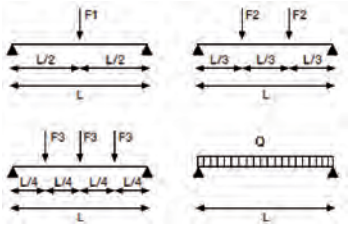
- GALVANIZED FIXING RAIL 2 M
- MONTAGESCHIENE VERZINKT 2 M
- RAIL GALVANISÉ 2 M
- GUÍA PERFORADA GALVANIZADA 2 M

MATERIAL: DX51D+Z
GALVANIZATION: zincatura Sendzimir
Sendzimir galvanised
DIMENSION: 27 x 18 x 1,2

CODE	Section cm²	Jx cm⁴	Jy cm⁴	Wx cm³	Wy cm³	kg/m		€
210000004	0,84	0,34	0,92	0,32	0,68	0,55	10 barre	**18,41**

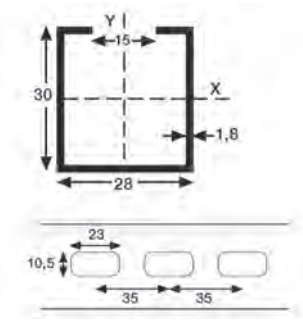
Asse di riferimento X-X
Il momento d'inerzia Jx-Jy ed i moduli di resistenza Wx-Wy sono calcolati in corrispondenza di una sezione omogenea (fori esclusi).
F1 - F2 - F3 - Q = (daN) 1 daN≈ 1 kgf Portate calcolate considerando una freccia limite = L/200.

Reference axis X-X
Moment of inertia Jx-Jy and strength modulus Wx-Wy are calculated in correspondence with homogeneous section (holes excluded).
F1 - F2 - F3 - Q = (daN) 1 daN≈ 1 kgf Loads calculation considering a limit deflection = L/200.



210000004	L (mm)			
27x18x1,2	**500**	**1000**	**1500**	**2000**
F1	37	19	8	5
F2	28	11	5	3
F3	19	8	4	2
Q	75	30	13	8

Y 10 11





210-P2

PROFILO 2 M ZINCATO SENDZIMIR

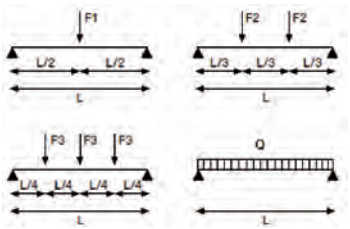
- GALVANIZED FIXING RAIL 2 M
- MONTAGESCHIENE VERZINKT 2 M
- RAIL GALVANISÉ 2 M
- GUÍA PERFORADA GALVANIZADA 2 M

MATERIAL: DX51D+Z
GALVANIZATION: zincatura Sendzimir
Sendzimir galvanised
DIMENSION: 28 x 30 x 1,8

CODE	Section cm²	Jx cm⁴	Jy cm⁴	Wx cm³	Wy cm³	kg/m		€
210000005	1,58	1,76	2,08	1,02	1,49	1,17	10 barre	**34,44**

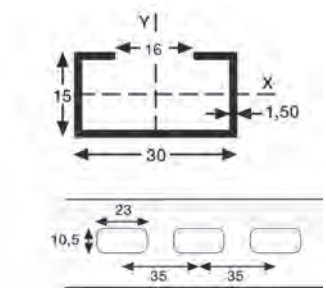
Asse di riferimento X-X
Il momento d'inerzia Jx-Jy ed i moduli di resistenza Wx-Wy sono calcolati in corrispondenza di una sezione omogenea (fori esclusi).
F1 - F2 - F3 - Q = (daN) 1 daN≈ 1 kgf Portate calcolate considerando una freccia limite = L/200.

Reference axis X-X
Moment of inertia Jx-Jy and strength modulus Wx-Wy are calculated in correspondence with homogeneous section (holes excluded).
F1 - F2 - F3 - Q = (daN) 1 daN≈ 1 kgf Loads calculation considering a limit deflection = L/200.



210000005	L (mm)			
28x30x1,8	**500**	**1000**	**1500**	**2000**
F1	116	58	39	23
F2	87	44	24	14
F3	58	29	17	10
Q	233	116	66	37

Y 10 11





210-P3

PROFILO 2 M ZINCATO SENDZIMIR

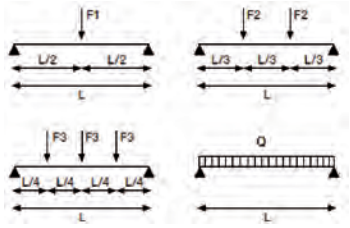
- GALVANIZED FIXING RAIL 2 M
- MONTAGESCHIENE VERZINKT 2 M
- RAIL GALVANISÉ 2 M
- GUÍA PERFORADA GALVANIZADA 2 M

MATERIAL: DX51D+Z
GALVANIZATION: zincatura Sendzimir
Sendzimir galvanised
DIMENSION: 30 x 15 x 1,5

CODE	Section cm²	Jx cm⁴	Jy cm⁴	Wx cm³	Wy cm³	kg/m		€
210000000	0,98	0,30	1,26	0,33	0,84	0,70	6 barre	**20,37**

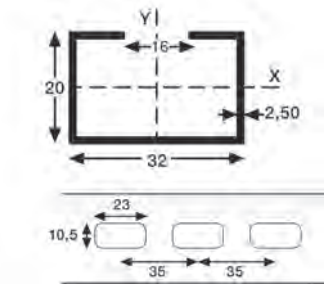
Asse di riferimento X-X
Il momento d'inerzia Jx-Jy ed i moduli di resistenza Wx-Wy sono calcolati in corrispondenza di una sezione omogenea (fori esclusi).
F1 - F2 - F3 - Q = (daN) 1 daN≈ 1 kgf Portate calcolate considerando una freccia limite = L/200.

Reference axis X-X
Moment of inertia Jx-Jy and strength modulus Wx-Wy are calculated in correspondence with homogeneous section (holes excluded).
F1 - F2 - F3 - Q = (daN) 1 daN≈ 1 kgf Loads calculation considering a limit deflection = L/200.



210000000	L (mm)			
30x15x1,5	**500**	**1000**	**1500**	**2000**
F1	36	15	7	4
F2	27	9	4	2
F3	18	6	3	2
Q	73	25	11	6

Y 10 11





210-P4

PROFILO 2 M ZINCATO SENDZIMIR

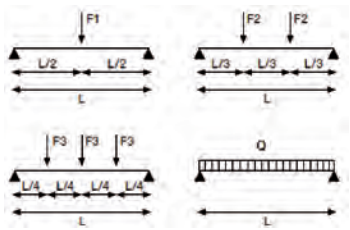
- GALVANIZED FIXING RAIL 2 M
- MONTAGESCHIENE VERZINKT 2 M
- RAIL GALVANISÉ 2 M
- GUÍA PERFORADA GALVANIZADA 2 M

MATERIAL: DX51D+Z
GALVANIZATION: zincatura Sendzimir
Sendzimir galvanised
DIMENSION: 32 x 20 x 2,5

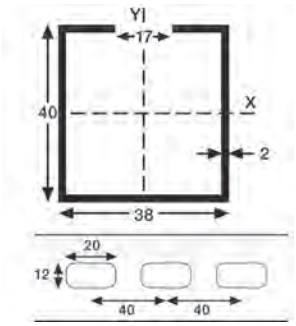
CODE	Section cm²	Jx cm⁴	Jy cm⁴	Wx cm³	Wy cm³	kg/m		€
210000001	1,87	0,94	2,70	0,80	1,68	1,30	6 barre	**33,34**

Asse di riferimento X-X
Il momento d'inerzia Jx-Jy ed i moduli di resistenza Wx-Wy sono calcolati in corrispondenza di una sezione omogenea (fori esclusi).
F1 - F2 - F3 - Q = (daN) 1 daN≈ 1 kgf Portate calcolate considerando una freccia limite = L/200.

Reference axis X-X
Moment of inertia Jx-Jy and strength modulus Wx-Wy are calculated in correspondence with homogeneous section (holes excluded).
F1 - F2 - F3 - Q = (daN) 1 daN≈ 1 kgf Loads calculation considering a limit deflection = L/200.



210000001	L (mm)			
32x20x2,5	**500**	**1000**	**1500**	**2000**
F1	86	43	21	12
F2	65	28	13	7
F3	43	20	9	5
Q	173	77	34	19





Y 10 11

210-P5

PROFILO 2 M ZINCATO SENDZIMIR

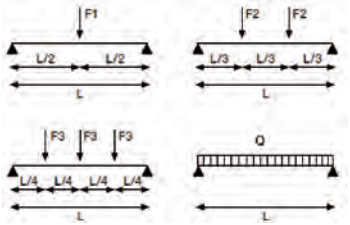
- GALVANIZED FIXING RAIL 2 M
- MONTAGESCHIENE VERZINKT 2 M
- RAIL GALVANISÉ 2 M
- GUÍA PERFORADA GALVANIZADA 2 M

MATERIAL: DX51D+Z
GALVANIZATION: zincatura Sendzimir
Sendzimir galvanised
DIMENSION: 38 x 40 x 2

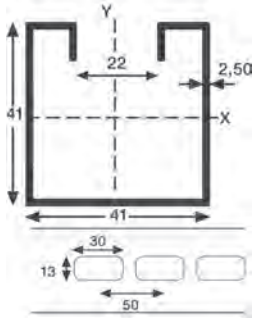
CODE	Section cm²	Jx cm⁴	Jy cm⁴	Wx cm³	Wy cm³	kg/m		€
210000002	2,59	5,57	6,20	2,51	3,26	2,0	4 barre	**59,31**

Asse di riferimento X-X
Il momento d'inerzia Jx-Jy ed i moduli di resistenza Wx-Wy sono calcolati in corrispondenza di una sezione omogenea (fori esclusi).
F1 - F2 - F3 - Q = (daN) 1 daN≈ 1 kgf Portate calcolate considerando una freccia limite = L/200.

Reference axis X-X
Moment of inertia Jx-Jy and strength modulus Wx-Wy are calculated in correspondence with homogeneous section (holes excluded).
F1 - F2 - F3 - Q = (daN) 1 daN≈ 1 kgf Loads calculation considering a limit deflection = L/200.



210000002	L (mm)			
38x40x2	500	1000	1500	2000
F1	256	128	85	64
F2	192	96	64	40
F3	128	64	43	29
Q	512	256	171	110





Y 10 11

210-P6

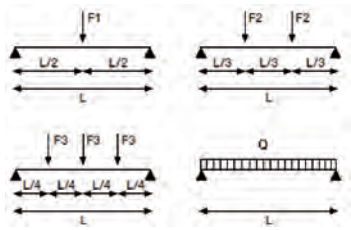
PROFILO 3/6 M ZINCATO SENDZIMIR

- GALVANIZED FIXING RAIL 3/6 M
- MONTAGESCHIENE VERZINKT 3/6 M
- RAIL GALVANISÉ 3/6 M
- GUÍA PERFORADA GALVANIZADA 3/6 M

MATERIAL: DX51D+Z
GALVANIZATION: zincatura Sendzimir
Sendzimir galvanised
DIMENSION: 41 x 41 x 2,5

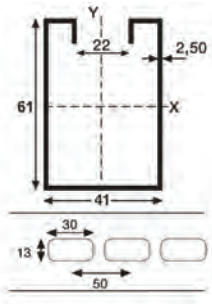
CODE	Total length m	Section cm²	Jx cm⁴	Jy cm⁴	Wx cm³	Wy cm³	kg/m		€
210000006	3 m	3,25	6,28	9,18	2,99	4,48	2,55	5 barre	**91,57**
210000007	6 m	3,25	6,28	9,18	2,99	4,48	2,55	5 barre	**177,94**

Asse di riferimento X-X
Il momento d'inerzia Jx-Jy ed i moduli di resistenza Wx-Wy sono calcolati in corrispondenza di una sezione omogenea (fori esclusi).
F1 - F2 - F3 - Q = (daN) 1 daN≈ 1 kgf Portate calcolate considerando una freccia limite = L/200.
Reference axis X-X
Moment of inertia Jx-Jy and strength modulus Wx-Wy are calculated in correspondence with homogeneous section (holes excluded).
F1 - F2 - F3 - Q = (daN) 1 daN≈ 1 kgf Loads calculation considering a limit deflection = L/200.



210000006 - 21000007	L (mm)				
41x41x2,5	500	1000	1500	2000	3000
F1	319	159	106	78	35
F2	239	120	80	46	20
F3	159	80	53	33	15
Q	638	319	213	124	55

Y 10 11





210-P8

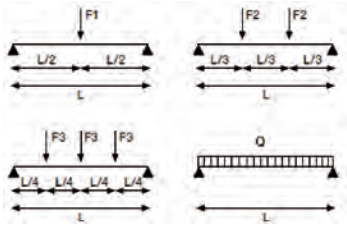
PROFILO 3 M ZINCATO SENDZIMIR

- GALVANIZED FIXING RAIL 3 M
- MONTAGESCHIENE VERZINKT 3 M
- RAIL GALVANISÉ 3 M
- GUÍA PERFORADA GALVANIZADA 3 M

MATERIAL: DX51D+Z
GALVANIZATION: zincatura Sendzimir
Sendzimir galvanised
DIMENSION: 41 x 61 x 2,5

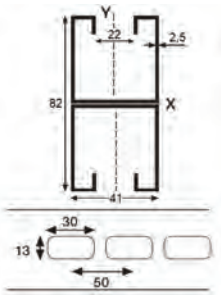
CODE	Section cm²	Jx cm⁴	Jy cm⁴	Wx cm³	Wy cm³	kg/m		€
210000008	4,25	17,56	12,88	5,67	6,29	3,34	5 barre	**125,15**

Asse di riferimento X-X
Il momento d'inerzia Jx-Jy ed i moduli di resistenza Wx-Wy sono calcolati in corrispondenza di una sezione omogenea (fori esclusi).
F1 – F2 – F3 – Q = (daN) 1 daN≈ 1 kgf Portate calcolate considerando una freccia limite = L/200.
Reference axis X-X
Moment of inertia Jx-Jy and strength modulus Wx-Wy are calculated in correspondence with homogeneous section (holes excluded).
F1 – F2 – F3 – Q = (daN) 1 daN≈ 1 kgf Loads calculation considering a limit deflection = L/200.



210000008	L (mm)				
41x61x2,5	**500**	**1000**	**1500**	**2000**	**3000**
F1	605	302	202	151	96
F2	454	227	151	113	57
F3	302	151	101	76	41
Q	1210	605	403	302	154

Y 10 11





210-P9

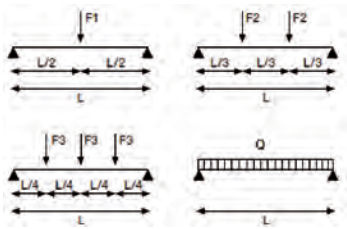
PROFILO 3 M ZINCATO SENDZIMIR

- GALVANIZED FIXING RAIL 3 M
- MONTAGESCHIENE VERZINKT 3 M
- RAIL GALVANISÉ 3 M
- GUÍA PERFORADA GALVANIZADA 3 M

MATERIAL: DX51D+Z
GALVANIZATION: zincatura Sendzimir
Sendzimir galvanised
DIMENSION: 41 x 82 x 2,5

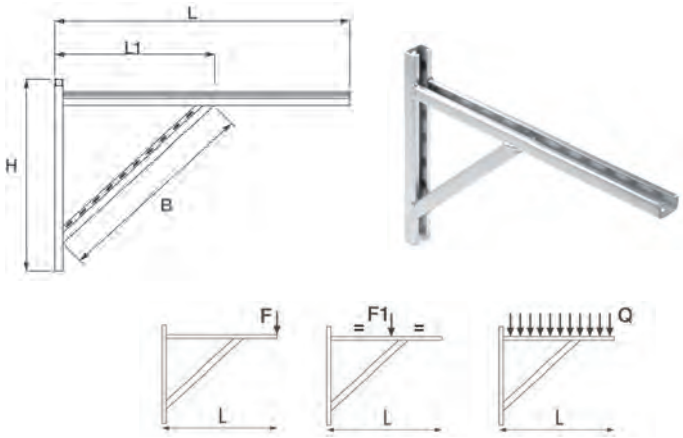
CODE	Section cm²	Jx cm⁴	Jy cm⁴	Wx cm³	Wy cm³	kg/m		€
210000009	6,50	36,83	18,35	8,98	8,95	5,10	5 barre	**211,63**

Asse di riferimento X-X
Il momento d'inerzia Jx-Jy ed i moduli di resistenza Wx-Wy sono calcolati in corrispondenza di una sezione omogenea (fori esclusi).
F1 – F2 – F3 – Q = (daN) 1 daN≈ 1 kgf Portate calcolate considerando una freccia limite = L/200.
Reference axis X-X
Moment of inertia Jx-Jy and strength modulus Wx-Wy are calculated in correspondence with homogeneous section (holes excluded).
F1 – F2 – F3 – Q = (daN) 1 daN≈ 1 kgf Loads calculation considering a limit deflection = L/200.



210000009	L (mm)				
41x82x2,5	**500**	**1000**	**1500**	**2000**	**3000**
F1	958	479	319	239	160
F2	718	359	239	180	119
F3	479	239	160	120	80
Q	1916	958	639	479	319

Y 10 11



230

MENSOLA SALDATA A SQUADRA IN PROFILATO

- TRIANGULAR BRACKET
- UNTERSTÜTZUNG FERTIGKONSOLE
- CONSOLE AVEC RENFORCE
- SOPORTE 90° SALDADO Y GALVANIZADO

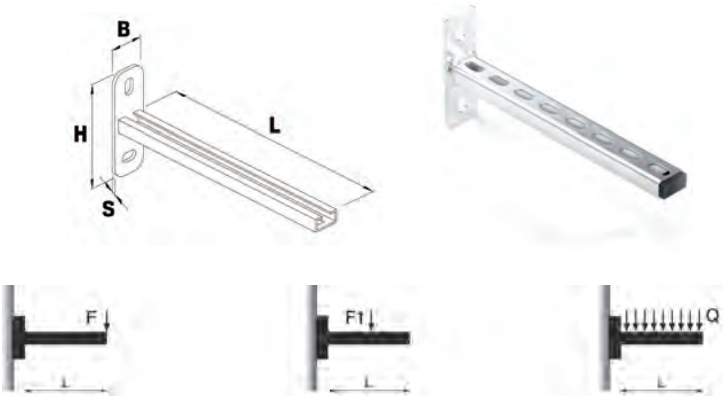
Fixing rail: 32x20x2,5

CODE	Version	L mm	L1 mm	B mm	H mm	F daN	F1 daN	Q daN	g			€
230370000	Zincata Galvanized	370	200	250	275	60	600	250	1100	2	240	**30,85**
230545000	Zincata Galvanized	545	290	380	380	40	600	160	1500	2	165	**40,04**
230370001	Zincata Verniciata Galvanized Painted	370	200	250	275	60	600	250	1100	2	240	**43,15**
230545001	Zincata Verniciata Galvanized Painted	545	290	380	380	40	600	160	1500	2	165	**56,12**

MATERIALE STAFFE: acciaio zincato. **FINITURA VERNICIATA:** a polvere, colore bianco RAL 9010
Raccorderie Metalliche garantisce le portate di carico fatto salvo il corretto ancoraggio alla parete. 1 DaN ≈ 1 Kgf

BRACKET MATERIAL: galvanized steel. **PAINTED FINISHING:** powder coated, RAL 9010 colour.
Raccorderie Metalliche guarantees the load only in the case of a corrrect wall anchorage. 1 daN ≈ 1 kgf

Y 10 11



231/32

MENSOLA SALDATA A PARETE ZINCATA

- GALVANIZED WALL BRACKET
- FERTIGKONSOLE VERZINK
- CONSOLE GALVANISÉE
- SOPORTE GALVANIZADO

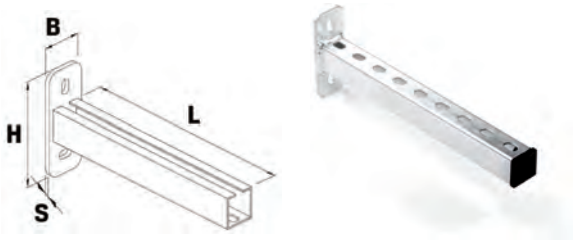
Fixing rail: 32x20x2,5

CODE	Version	L mm	B mm	S mm	H mm	F daN	F1 daN	Q daN	g			€
231280000	Zincata Galvanized	280	40	4	120	38	77	77	480	20	800	**12,45**

MATERIALE STAFFE: acciaio zincato. **VERSIONE:** con tappo di testa montato.
Raccorderie Metalliche garantisce le portate di carico fatto salvo il corretto ancoraggio alla parete. 1 DaN ≈ 1 Kgf

BRACKETS MATERIAL: galvanized steel. **VERSION:** with mounted head cap.
Raccorderie Metalliche guarantees the load only in the case of a corrrect wall anchorage. 1 daN ≈ 1 kgf

Y 10 11





231/38

MENSOLA SALDATA A PARETE ZINCATA

- GALVANIZED WALL BRACKET
- FERTIGKONSOLE VERZINK
- CONSOLE GALVANISÉE
- SOPORTE GALVANIZADO

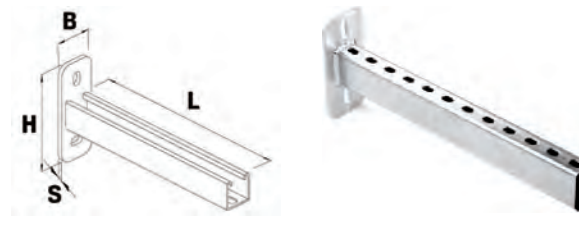
Fixing rail: 38x40x2

CODE	Version	L mm	B mm	S mm	H mm	F daN	F1 daN	Q daN	g		€
231200000	Zincata Galvanized	200	50	6	134	149	297	297	508	10	**40,16**
231360000	Zincata Galvanized	360	50	6	134	83	165	165	988	10	**42,11**
231520000	Zincata Galvanized	520	50	6	134	57	114	114	1316	10	**44,97**

MATERIALE STAFFE: acciaio zincato. **VERSIONE:** con tappo di testa montato.
Raccorderie Metalliche garantisce le portate di carico fatto salvo il corretto ancoraggio alla parete. 1 DaN ≈ 1 Kgf

BRACKETS MATERIAL: galvanized steel. **VERSION:** with mounted head cap.
Raccorderie Metalliche guarantees the load only in the case of a corrrect wall anchorage. 1 daN ≈ 1 kgf

Y 10 11





231/41

MENSOLA SALDATA A PARETE ZINCATA

- GALVANIZED WALL BRACKET
- FERTIGKONSOLE VERZINK
- CONSOLE GALVANISÉE
- SOPORTE GALVANIZADO

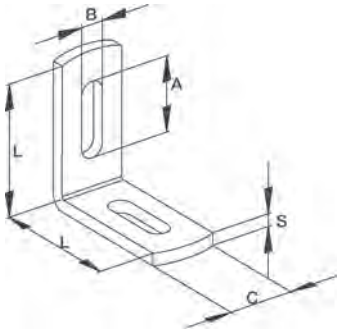
Fixing rail: 41x41x2,5

CODE	Version	L mm	B mm	S mm	H mm	F daN	F1 daN	Q daN	g		€
231325000	Zincata Galvanized	300	50	6	144	130	260	260	800	10	**32,67**
231425000	Zincata Galvanized	400	50	6	144	98	195	195	2100	1	**37,58**
231525000	Zincata Galvanized	500	50	6	144	78	156	156	1646	1	**44,11**
231625000	Zincata Galvanized	600	50	6	144	60	130	130	1932	1	**47,39**

MATERIALE STAFFE: acciaio zincato. **VERSIONE:** con tappo di testa montato.
Raccorderie Metalliche garantisce le portate di carico fatto salvo il corretto ancoraggio alla parete. 1 DaN ≈ 1 Kgf

BRACKETS MATERIAL: galvanized steel. **VERSION:** with mounted head cap.
Raccorderie Metalliche guarantees the load only in the case of a corrrect wall anchorage. 1 daN ≈ 1 kgf

Y 10 13





212/90

ANGOLARE A 90° ZINCATO PER PROFILATO

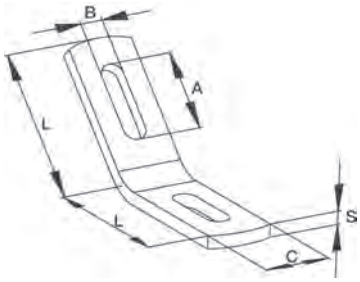
- 90° CONNECTION PLATE
- MONTAGE-WINKEL 90°
- EQUERRE 90°
- ESCUADRA 90°

For fixing rails: 27/18 - 28/30 - 30/15 - 32/20

CODE	L mm	C mm	S mm	A x B mm	g		€
212000090	60	26	5	30 x 8,5	92	100	**4,03**

Tolleranza angolo di piega squadretta: ± 2 gradi
Tolerance angle bracket: ± 2 degrees

Y 10 13





212/135

ANGOLARE A 135° ZINCATO PER PROFILATO

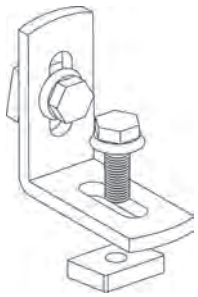
- 135° CONNECTION PLATE
- MONTAGE-WINKEL 135°
- EQUERRE 135°
- ESCUADRA 135°

For fixing rails: 27/18 - 28/30 - 30/15 - 32/20

CODE	L mm	C mm	S mm	A x B mm	g		€
212000045	56	26	5	30 x 8,5	88	100	**4,08**

Tolleranza angolo di piega squadretta: ± 2 gradi
Tolerance angle bracket: ± 2 degrees

Y 10 13





212/90 Kit

KIT ANGOLARE A 90° ZINCATO PER PROFILATO

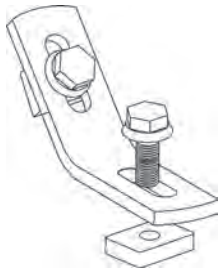
- KIT 90° CONNECTION PLATE
- MONTAGEKIT-WINKEL 90°
- KIT EQUERRE 90°
- KIT ESCUADRA 90°

For fixing rails: 27/18 - 28/30 - 30/15 - 32/20

CODE	Description	g		€
212900000	n° 2 angolari / connection plate 90° cod. 212000090 n° 4 dadi a rombo / rhomboidal nut cod. 213008000 n° 4 viti zigrinate / knurled screws M 8 x 14	275	50 Kit	**14,96**

Tolleranza angolo di piega squadretta: ± 2 gradi
Tolerance angle bracket: ± 2 degrees

Y 10 13





212/135 Kit

KIT ANGOLARE A 135° ZINCATO PER PROFILATO

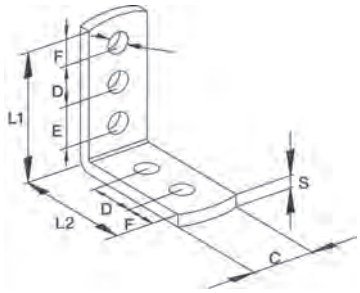
- KIT 135° CONNECTION PLATE
- MONTAGEKIT-WINKEL 135°
- KIT EQUERRE 135°
- KIT ESCUADRA 135°

For fixing rails: 27/18 - 28/30 - 30/15 - 32/20

CODE	Description	g		€
212450000	n° 2 angolari / connection plate 45° cod. 212000045 n° 4 dadi a rombo / rhomboidal nut cod. 213008000 n° 4 viti zigrinate / knurled screws M 8 x 14	272	50 Kit	**14,96**

Tolleranza angolo di piega squadretta: ± 2 gradi
Tolerance angle bracket: ± 2 degrees

Y 10 13





212/90 P

ANGOLARE A 90° ZINCATO PER PROFILATO

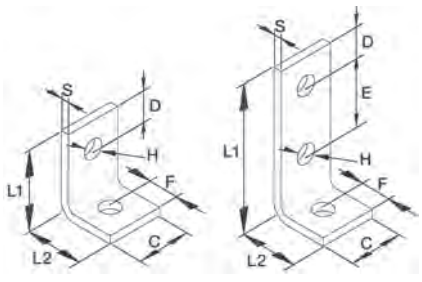
- 90° CONNECTION PLATE
- MONTAGE-WINKEL 90°
- EQUERRE 90°
- ESCUADRA 90°

For fixing rails: 38/40

CODE	L1 mm	L2 mm	C mm	D mm	E mm	S mm	F mm	H mm	g		€
212090000	105	90	40	40	32	6	18	ø 10	318	25	**6,47**

Tolleranza angolo di piega squadretta: ± 2 gradi
Tolerance angle bracket: ± 2 degrees

Y 10 13





212/90 P6

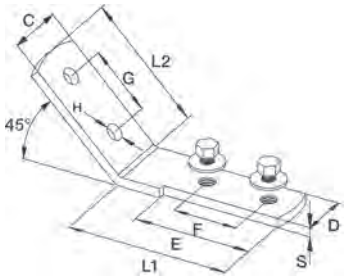
ANGOLARE A 90° ZINCATO PER PROFILATO

- 90° CONNECTION PLATE
- MONTAGE-WINKEL 90°
- EQUERRE 90°
- ESCUADRA 90°

For fixing rails: 41/41

CODE	L1 mm	L2 mm	C mm	D mm	E mm	S mm	F mm	H mm	g		€
212090001	56	41	40	19,5	-	6	19,5	ø 13	156	50	**4,83**
212090002	104	41	40	19,5	48	6	19,5	ø 13	230	50	**7,11**

Tolleranza angolo di piega squadretta: ± 2 gradi
Tolerance angle bracket: ± 2 degrees





Y 10 13

212/135 P

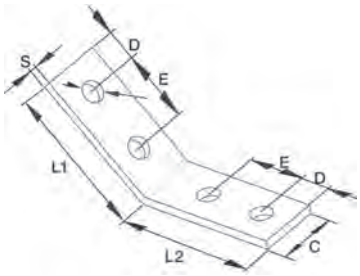
KIT ANGOLARE A 135° ZINCATO PER PROFILATO

- KIT 135° CONNECTION PLATE
- MONTAGEKIT-WINKEL 135°
- KIT EQUERRE 135°
- KIT ESCUADRA 135°

For fixing rails: 38/40

CODE	L1 mm	L2 mm	C mm	D mm	E mm	S mm	F mm	G mm	H mm	g		€
212045000	105	75	40	32	75	6	40	40	ø 10,5	356	25	**10,20**

Tolleranza angolo di piega squadretta: ± 2 gradi
Tolerance angle bracket: ± 2 degrees





Y 10 13

212/135 P6

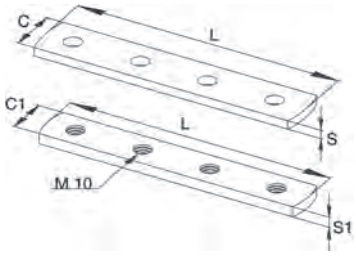
ANGOLARE A 135° ZINCATO PER PROFILATO

- 135° CONNECTION PLATE
- MONTAGE-WINKEL 135°
- EQUERRE 135°
- ESCUADRA 135°

For fixing rails: 41/41

CODE	L1 mm	L2 mm	C mm	D mm	E mm	S mm	H mm	g		€
212045001	90	90	40	19,5	48	6	ø 13	300	25	**7,69**

Tolleranza angolo di piega squadretta: ± 2 gradi
Tolerance angle bracket: ± 2 degrees





Y 10 13

205

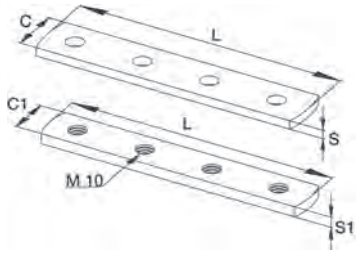
KIT PIASTRINA DI CONGIUNZIONE PER PROFILATO

- KIT CONNECTION PLATE FOR FIXING RAIL
- SCHIENENVERBINDER
- ECLISSE POUR RAILS
- UNIÓN DE CARRIL

For fixing rails: 27/18 - 28/30 - 30/15 - 32/20

CODE	L mm	C mm	S mm	C1 mm	S1 mm	g		€
205030000	155	30	5	25	6	456	20*	**15,74**

Completa di 4 viti M 10 x 20 e 4 rondelle ø 30 mm premontate
Complete with 4 screws M 10 x 20 and 4 washers ø 30 mm preassembled
(*) unità minima di vendita / minimum selling quantity





Y 10 13

205/P

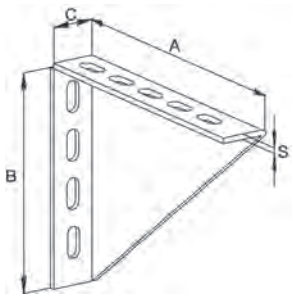
KIT PIASTRINA DI CONGIUNZIONE PER PROFILATO

- KIT CONNECTION PLATE FOR FIXING RAIL
- SCHIENENVERBINDER
- ECLISSE POUR RAILS
- UNIÓN DE CARRIL

For fixing rails: 38/40

CODE	L mm	C mm	S mm	C1 mm	S1 mm	g		€
205038000	155	40	4	32	6	514	20*	**16,57**

Completa di 4 viti M 10 x 20 e 4 rondelle ø 30 mm premontate
Complete with 4 screws M 10 x 20 and 4 washers ø 30 mm preassembled
(*) unità minima di vendita / minimum selling quantity





Y 10 13

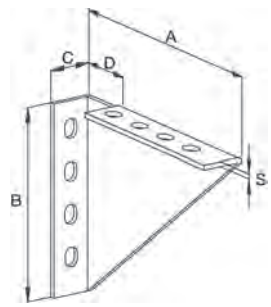
206/SS

SQUADRETTE DI RINFORZO SENZA SPACCO PER PROFILATO

- CORNER PLATE WITHOUT SPLIT
- KONSOLENWINKEL OHNE SCHLITZ
- EQUERRE DE CONSOLIDATION
- ÁNGULOS DE MONTAJE

For fixing rails: 30/15 - 32/20

CODE	A mm	B mm	C mm	S mm	Loops mm	g		€
206030000	185	150	36	4	20 x 11 mm interasse / wheelbase 35 mm	780	10	**37,98**





Y 10 13

206/CS

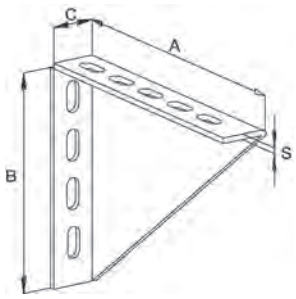
SQUADRETTE DI RINFORZO CON SPACCO PER PROFILATO

- CORNER PLATE WITH SPLIT
- KONSOLENWINKEL MIT SCHLITZ
- EQUERRE DE CONSOLIDATION
- ÁNGULOS DE MONTAJE

For fixing rails: 30/15 - 32/20

CODE	A mm	B mm	C mm	D mm	S mm	Loops mm	g		€
206030001	185	150	36	34	4	20 x 11 mm interasse / wheelbase 35 mm	726	10	**37,98**

Y 10 13





206/PSS

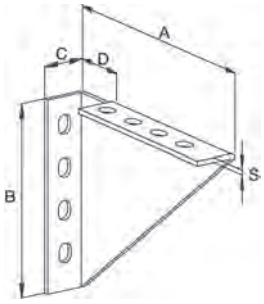
SQUADRETTE DI RINFORZO SENZA SPACCO PER PROFILATO

- CORNER PLATE WITHOUT SPLIT
- KONSOLENWINKEL OHNE SCHLITZ
- EQUERRE DE CONSOLIDATION
- ÁNGULOS DE MONTAJE

For fixing rails: 38/40

CODE	A mm	B mm	C mm	S mm	Loops mm	g		€
206038000	200	160	42	4	25 x 13 mm interasse / wheelbase 40 mm	876	10	**41,12**

Y 10 13





206/PCS

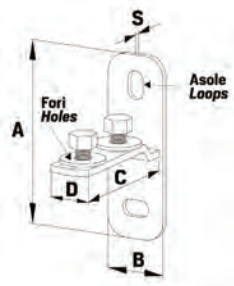
SQUADRETTE DI RINFORZO CON SPACCO PER PROFILATO

- CORNER PLATE WITH SPLIT
- KONSOLENWINKEL MIT SCHLITZ
- EQUERRE DE CONSOLIDATION
- ÁNGULOS DE MONTAJE

For fixing rails: 38/40

CODE	A mm	B mm	C mm	D mm	S mm	Loops mm	g		€
206038001	200	160	42	45	4	25 x 13 mm interasse / wheelbase 40 mm	852	10	**41,12**

Y 10 13





207 L 30

MENSOLA FRONTALE LONGITUDINALE PER PROFILATO

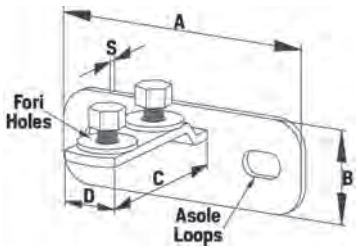
- LENGHTWAY FRONT BRACKET
- SATTELFLANSCH LÄNGS
- PLATINE U, SOUDURE LONGITUDINALE
- APOYO DE CARRIL VERTICAL

For fixing rails: 27/18 - 28/30 - 30/15 - 32/20

CODE	A mm	B mm	C mm	D mm	S mm	Loops mm	Holes mm	g		€
207030000	120	40	84	25	4	11 x 19 mm interasse / wheelbase 85 mm	M 10 interasse / wheelbase 40 mm	258	10	**15,29**

Completa di nº 2 viti M 10 e rondelle ø 30 mm premontate
Complete with 2 screws M10 and washers ø 30 mm preassembled

Y 10 13





207 T 30

MENSOLA FRONTALE TRASVERSALE PER PROFILATO

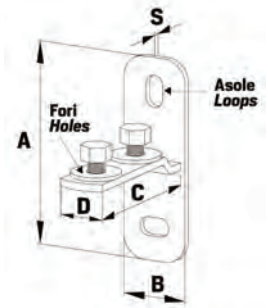
- CROSSWAY FRONT BRACKET
- SATTELFLANSCH QUER
- PLATINE U, SOUDURE TRANSVERSALE
- APOYO DE CARRIL HORIZONTAL

For fixing rails: 27/18 - 28/30 - 30/15 - 32/20

CODE	A mm	B mm	C mm	D mm	S mm	Loops mm	Holes mm	g		€
207030001	120	40	84	25	4	11 x 19 mm interasse / wheelbase 85 mm	M 10 interasse / wheelbase 40 mm	258	10	**15,29**

Completa di nº 2 viti M 10 e rondelle ø 30 mm premontate
Complete with 2 screws M10 and washers ø 30 mm preassembled

Y 10 13





207 L 38

MENSOLA FRONTALE LONGITUDINALE PER PROFILATO

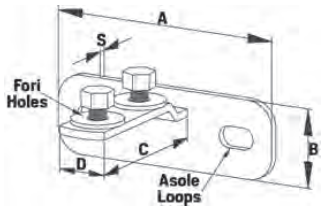
- LENGHTWAY FRONT BRACKET
- SATTELFLANSCH LÄNGS
- PLATINE U, SOUDURE LONGITUDINALE
- APOYO DE CARRIL VERTICAL

For fixing rails: 38/40

CODE	A mm	B mm	C mm	D mm	S mm	Loops mm	Holes mm	g		€
207038000	120	40	84	30	4	11 x 19 mm interasse / wheelbase 85 mm	M 10 interasse / wheelbase 40 mm	265	10	**24,44**

Completa di nº 2 viti M 10 e rondelle ø 30 mm premontate
Complete with 2 screws M10 and washers ø 30 mm preassembled

Y 10 13





207 T 38

MENSOLA FRONTALE TRASVERSALE PER PROFILATO

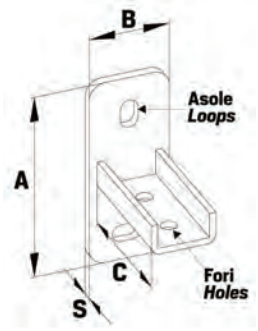
- CROSSWAY FRONT BRACKET
- SATTELFLANSCH QUER
- PLATINE U, SOUDURE TRANSVERSALE
- APOYO DE CARRIL HORIZONTAL

For fixing rails: 38/40

CODE	A mm	B mm	C mm	D mm	S mm	Loops mm	Holes mm	g		€
207038001	120	40	84	30	4	11 x 19 mm interasse / wheelbase 85 mm	M 10 interasse / wheelbase 40 mm	272	10	**24,44**

Completa di nº 2 viti M 10 e rondelle ø 30 mm premontate
Complete with 2 screws M10 and washers ø 30 mm preassembled

Y 10 13





208 L 30/32

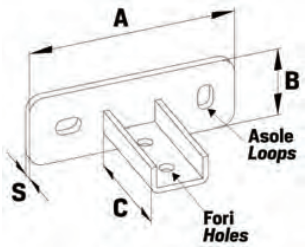
MENSOLA DI SUPPORTO LONGITUDINALE PER PROFILATO

- LENGHTWAY FRONT BRACKET
- SATTELFLANSCH LÄNGS
- PLATINE U, SOUDURE LONGITUDINALE
- APOYO DE CARRIL VERTICAL

For fixing rails: 30/15 - 32/20

CODE	A mm	B mm	C mm	S mm	Loops mm	Holes mm	g		€
208030000	128	50	80	6	11 x 18 mm interasse / wheelbase 80 mm	ø 11 interasse / wheelbase 35 mm	436	10	**11,95**

Y 10 13





208 T 30/32

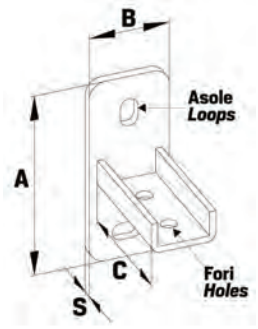
MENSOLA DI SUPPORTO TRASVERSALE PER PROFILATO

- CROSSWAY FRONT BRACKET
- SATTELFLANSCH QUER
- PLATINE U, SOUDURE TRANSVERSALE
- APOYO DE CARRIL HORIZONTAL

For fixing rails: 30/15 - 32/20

CODE	A mm	B mm	C mm	S mm	Loops mm	Holes mm	g		€
208030001	144	50	80	6	11 x 18 mm interasse / wheelbase 97 mm	ø 11 interasse / wheelbase 35 mm	472	10	**11,95**

Y 10 13





208 L 38/40

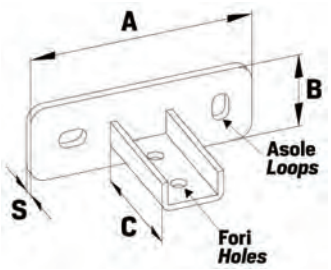
MENSOLA DI SUPPORTO LONGITUDINALE PER PROFILATO

- LENGHTWAY FRONT BRACKET
- SATTELFLANSCH LÄNGS
- PLATINE U, SOUDURE LONGITUDINALE
- APOYO DE CARRIL VERTICAL

For fixing rails: 38/40

CODE	A mm	B mm	C mm	S mm	Loops mm	Holes mm	g		€
208038000	144	50	80	6	11 x 18 mm interasse / wheelbase 97 mm	ø 12,5 interasse / wheelbase 40 mm	578	10	**31,43**

Y 10 13





208 T 38/40

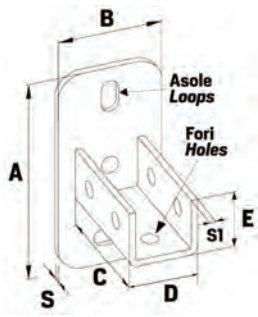
MENSOLA DI SUPPORTO TRASVERSALE PER PROFILATO

- CROSSWAY FRONT BRACKET
- SATTELFLANSCH QUER
- PLATINE U, SOUDURE TRANSVERSALE
- APOYO DE CARRIL HORIZONTAL

For fixing rails: 38/40

CODE	A mm	B mm	C mm	S mm	Loops mm	Holes mm	g		€
208038001	144	50	80	6	11 x 18 mm interasse / wheelbase 97 mm	ø 12,5 interasse / wheelbase 40 mm	582	10	**31,43**

Y 10 13





208 L 41

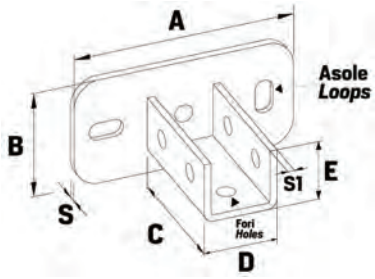
MENSOLA DI SUPPORTO LONGITUDINALE PER PROFILATO

- LENGHTWAY FRONT BRACKET
- SATTELFLANSCH LÄNGS
- PLATINE U, SOUDURE LONGITUDINALE
- APOYO DE CARRIL VERTICAL

For fixing rails: 41/41

CODE	A mm	B mm	C mm	D mm	E mm	S mm	S1 mm	Loops mm	Holes mm	g		€
208041000	160	80	98	53	45	6	5	13 x 25 mm interasse / wheelbase 115 mm	ø 12 interasse / wheelbase 48 mm	672	10	**35,92**

Y 10 13





208 T 41

MENSOLA DI SUPPORTO TRASVERSALE PER PROFILATO

- CROSSWAY FRONT BRACKET
- SATTELFLANSCH QUER
- PLATINE U, SOUDURE TRANSVERSALE
- APOYO DE CARRIL HORIZONTAL

For fixing rails: 41/41

CODE	A mm	B mm	C mm	D mm	E mm	S mm	S1 mm	Loops mm	Holes mm	g		€
208041001	160	80	98	53	45	6	5	13 x 25 mm interasse / wheelbase 115 mm	ø 13 interasse / wheelbase 48 mm	718	10	**35,92**

Y 10 13



209

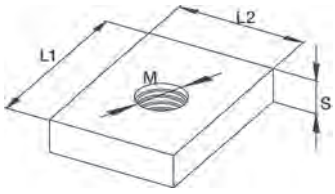
TAPPO PER PROFILO

- RAIL PROTECTION CAP
- ABSCHLUSSKAPPE
- CAPUCHON
- TAPÓN GUÍA

CODE	Description	g			€
209030000	Per profili / For fixing rails 27/18 - 28/30 - 30/15	3	10	50*	1,39
209032000	Per profili / For fixing rails 32/20	3	10	50*	2,40
209038000	Per profili / For fixing rails 38/40 - 41/41	11	10	50*	3,30

(*) unità minima di vendita / minimum selling quantity

Y 10 13





213/U

DADO UNIVERSALE PER PROFILO

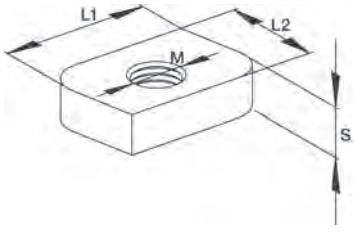
- UNIVERSAL NUT
- GEWINDEPLATTE
- ÉCROU RAIL
- TUERCA SOPORTE

For fixing rails: 30/15 - 32/20 - 38/40

CODE	M	L1 mm	L2 mm	S mm	g			€
213000008	M 8	24	32	6	36	20*	200	1,10
213000010	M 10	24	32	6	36	20*	200	1,16

(*) unità minima di vendita / minimum selling quantity

Y 10 13





213/R

DADO A ROMBO PER PROFILO

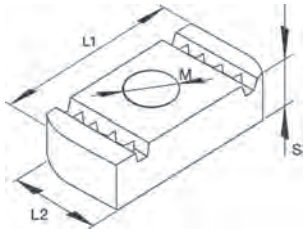
- RHOMBOIDAL NUT
- SCHIEBEMUTTER
- ÉCROU RHOMBÉ
- TUERCA A ROMBO SOPORTE

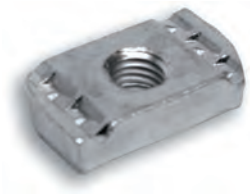
For fixing rails: 27/18 - 28/30 - 30/15 - 32/20

CODE	M	L1 mm	L2 mm	S mm	g			€
213008000	M 8	24	16	6	13	20*	200	1,05
213010000	M 10	24	16	6	14	20*	200	1,10

(*) unità minima di vendita / minimum selling quantity

Y 10 13





213/RT

DADO RETTANGOLARE PER PROFILO

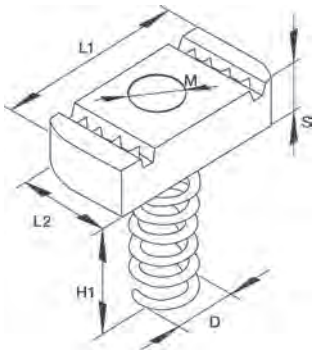
- SHAPED NUT
- MUTTER
- PLAQUE TARAUDÉE
- TUERCA RECTANGULAR

For fixing rails: 41/41

CODE	M	L1 mm	L2 mm	S mm	g			€
213008041	M 8	34	20	6	26	20*	200	1,62
213010041	M 10	34	20	8	30	20*	200	1,94
213012041	M 12	34	20	9	39	20*	200	2,86

(*) unità minima di vendita / minimum selling quantity

Y 10 13





213 M

DADO RETTANGOLARE CON MOLLA DI ANCORAGGIO PER PROFILO

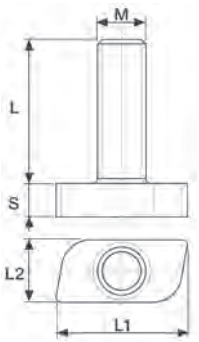
- SHAPED NUT WITH SPRING
- MUTTER MIT FEDER
- PLAQUE TARAUDÉE RESSORT
- TUERCA GUÍA

For fixing rails: 41/41

CODE	M	L1 mm	L2 mm	D mm	S mm	H1 mm	g			€
213008M41	M 8	34	20	18	6	35	27	100	200*	4,00
213010M41	M 10	34	20	18	8	35	35	100	200*	4,12
213012M41	M 12	34	20	18	9	35	37	100	200*	6,02

(*) unità minima di vendita / minimum selling quantity

Y 10 13





214 TMS

BULLONE TESTA MARTELLO M8 E M10

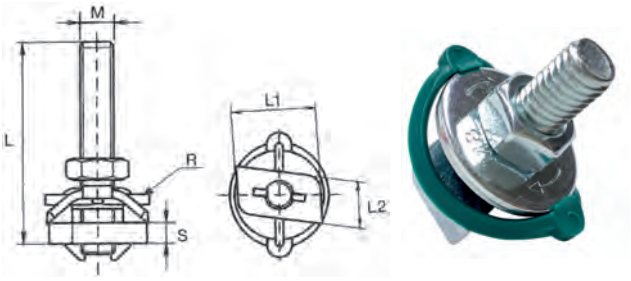
- M8 & M10 HAMMER HEAD BOLT
- HAMMERKOPFSCHRAUBE
- BOULON RAIL
- TORNILLO

For fixing rails: 27/18 - 28/30 - 30/15 - 32/20

CODE	M	L mm	L1 mm	L2 mm	S mm	g		€
214800000	M 8	30	25	13	7	28	100*	2,21
214100000	M 10	30	25	13	7	34	100*	2,86

(*) unità minima di vendita / minimum selling quantity

Y 10 13



214 TM/Clip

BULLONE TESTA MARTELLO CON CLIP, DADO E RONDELLA

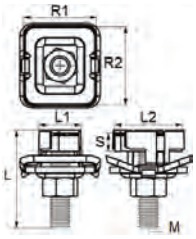
- HAMMER HEAD BOLT WITH CLIP, NUT AND WASHER
- T-BOLZEN MIT CLIP, GEGENMUTTER UND UNTERLEGSCHEIBE VERZINKT
- BOULON POUR PROFILE AVEC CLIP
- TORNILLO GUÍA CON TUERCA Y ARANDELA

For fixing rails: 27/18 - 28/30 - 30/15 - 32/20

CODE	M	L mm	L1 mm	L2 mm	S mm	R mm	g			€
214008030	M 8	30	23	13,5	5	ø 25 thk 2,5	30	10	100*	**5,04**
214008040	M 8	40	23	13,5	5	ø 25 thk 2,5	35	10	100*	**5,57**
214010030	M 10	30	23	13,5	5	ø 25 thk 2,5	39	10	100*	**5,15**
214010040	M 10	40	23	13,5	5	ø 25 thk 2,5	43	10	100*	**5,77**

(*) unità minima di vendita / minimum selling quantity

Y 10 13





214/41 TM/Clip

BULLONE TESTA MARTELLO CON CLIP, DADO E RONDELLA

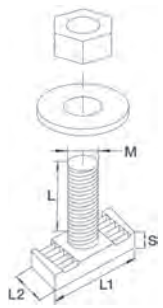
- HAMMER HEAD BOLT WITH CLIP, NUT AND WASHER
- T-BOLZEN MIT CLIP, GEGENMUTTER UND UNTERLEGSCHEIBE VERZINKT
- BOULON POUR PROFILE AVEC CLIP
- TORNILLO GUÍA CON TUERCA Y ARANDELA

For fixing rails: 41/41

CODE	M	L mm	L1 mm	L2 mm	S mm	R1 mm	R2 mm	g			€
214008040041	M 8	40	19	34,5	6	35	39	76	10*	100	
214008050041	M 8	50	19	34,5	6	35	39	79	10*	100	
214008060041	M 8	60	19	34,5	6	35	39	82	10*	100	
214010040041	M 10	40	19	34,5	8	35	39	84	10*	100	
214010060041	M 10	60	19	34,5	8	35	39	94	10*	100	

(*) unità minima di vendita / minimum selling quantity

Y 10 13





214 TMP

BULLONE TESTA MARTELLO PER PROFILO

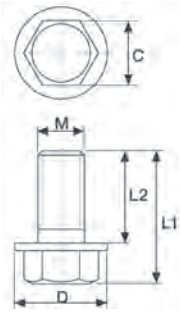
- HAMMER HEAD BOLT FOR FIXING RAIL
- T-BOLZEN FÜR PROFIL
- BOULON POUR PROFILE
- TORNILLO GUÍA

For fixing rails: 41/41

CODE	Description	M	L mm	L1 mm	L2 mm	S mm	g			€
214008041	con dado, rondella ø 8,7-40 sp. 3 with nut, washer ø 8,7-40 thk 3	M 8	30	35	19	6	68	10*	100	7,91
214010041	con dado, rondella ø 10,5-40 sp. 3 with nut, washer ø 10,5-40 thk 3	M 10	30	35	19	8	87	10*	100	7,37
214012041	con dado, rondella ø 13-40 sp. 3 with nut, washer ø 13-40 thk 3	M 12	40	35	19	9	113	10*	100	9,48

(*) unità minima di vendita / minimum selling quantity

Y 10 13





214/TE

BULLONE TESTA ESAGONALE CON FINTA RONDELLA DENTELLATA

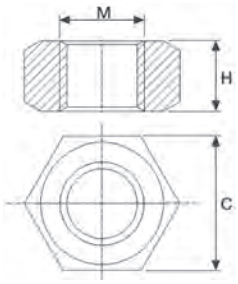
- HEXAGONAL KNURLED WASHER FACE SCREW
- 6-KANT SCHRAUBEN VERZINKT
- BOULON TÊTE HEXAGONAL AVEC FAUSSE RONDELLE DENTELLÉ
- TORNILLO HEXAGONAL GALVANIZADO

NORM: DIN 6921
MATERIAL: 4.8 min. ISO 898-1

CODE	M	L1 mm	L2 mm	C mm	D mm	g			€
214000008	M 8	21	14	13	18	12	20	200*	0,44
214000010	M 10	25	16	15	22	21	20	200*	0,78

(*) unità minima di vendita / minimum selling quantity

Y 10 13





215

DADO ESAGONALE MEDIO ZINCATO
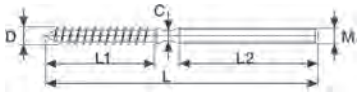
- GALVANIZED BACK NUT
- 6-KANT GEGENMUTTER VERZINKT
- ÉCROU HEXAGONAL GALVANISÉ
- TUERCA HEXAGONAL GALVANIZADA

NORM: UNI 5588

CODE	M	C mm	H mm	g			€
215006001	M 6	10	5	2	20	500*	0,27
215008001	M 8	13	6,5	5	20	500*	0,29
215010001	M 10	17	8	5	20	500*	0,34
215012001	M 12	19	10	15	20	300*	0,47
215016001	M 16	24	13	29	20	200*	0,80

(*) unità minima di vendita / minimum selling quantity

Y 10 13





216

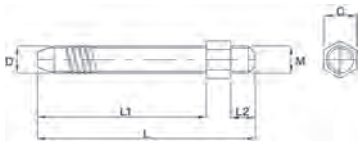
VITE FERROLEGNO ZINCATA

- GALVANIZED BOLT-WOOD SCREW
- HOLZSCHRAUBE VERZINKT
- VIS DOUBLE FILET GALVANISÉE
- TORNILLO DOBLE ROSCA GALVANIZADO

CODE	M	L mm	L1 mm	L2 mm	C mm	D mm	g		€
216008090	M 8	90	50	30	5	8	24	250*	**0,48**
216008100	M 8	100	65	23	5	8	24	250*	**0,59**
216010120	M 10	120	60	45	7	10	53	200*	**0,84**
216010140	M 10	140	60	45	7	10	64	200*	**1,03**
216010180	M 10	180	60	86	7	10	86	150*	**1,62**
216010250	M 10	220	60	44	7	10	108	100*	**3,85**

(*) unità minima di vendita / minimum selling quantity

Y 10 13





216/B

VITE A BATTENTE ZINCATA

- GALVANIZED SCREW
- HOLZSCHRAUBE VERZINKT
- VIS DOUBLE FILET GALVANISÉE
- TORNILLO DOBLE ROSCA GALVANIZADO

CODE	M	L mm	L1 mm	L2 mm	C mm	D mm	g		€
216008093	M 8	93	74	7,5	10	8	27	250*	**0,79**
216010093	M 10	90	72	9	12	10	27	200*	**1,00**

(*) unità minima di vendita / minimum selling quantity

Y 20 21



216/KIT

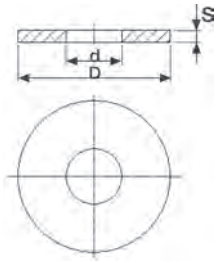
KIT VITE FERRO-LEGNO + TASSELLO + DADO

- KIT SCREW + PLUG + BACK NUT
- KIT HOLZSCHRAUBE + DÜBEL + 6-KUNT GEGENMUTTER
- KIT VIS BATTENTE + CHEVILLE + ÉCROU HEXAGONAL
- KIT TORNILLO + TACO + TUERCA HEXAGONAL

CODE	Plug	Screw	Back nut	g			€
216008100K	10 x 70	M 8 x 100	M 8	75	1 kit	200 kit*	**2,05**
216010120K	14 x 70	M 10 x 120	M 10	140	1 kit	100 kit*	**2,80**

Kit : n° 2 tasselli, n° 2 viti, n° 2 dadi
Kit : n° 2 plugs, n° 2 screws, n° 2 back nuts
(*) unità minima di vendita / minimum selling quantity

Y 10 13





218

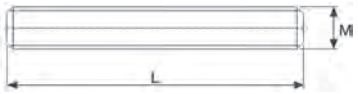
RONDELLA PIANA ZINCATA

- GALVANIZED WASHER
- UNTERLEGSCHEIBE VERZINK
- RONDELLE GALVANISÉE
- ARANDELA PLANA GALVANIZADA

CODE	M	D mm	d mm	S mm	g			€
218000006	M 6	24	6,3	1,5	6	20	500**	**0,31**
218000008	M 8	24	8,6	1,5	7	20	500**	**0,31**
218000010	M 10	30	10,6	2,5	11	20	500**	**0,36**
218000012	M 12	36	13,2	3	19	20	500**	**0,48**
218000016	M 16	48	18	4	48	20	500**	**0,79**
218008000*	M 8	40	8,7	4	20	20	500**	**1,81**
218010000*	M 10	40	10,7	3	22	20	500**	**0,73**
218012000*	M 12	48	12,4	4	51	20	200**	**1,97**

(*) per profilo / for fixing rail 41 x 41 mm
(**) unità minima di vendita / minimum selling quantity

Y 10 13





219

TRONCHETTO FILETTATO ZINCATO

- GALVANIZED THREADED ROD
- GEWINDESTANGE VERZINK
- TIGE FILETÉE GALVANISÉE
- ESPÁRRAGO SEPARADOR GALVANIZADO

CODE	M	L mm	g			€
219000008	M 8	32	9	20	500*	**0,43**
219000010	M 10	32	15	20	500*	**0,50**
219000012	M 12	32	22	20	500*	**1,58**

(*) unità minima di vendita / minimum selling quantity

Y 10 13





264

BARRA FILETTATA ZINCATA

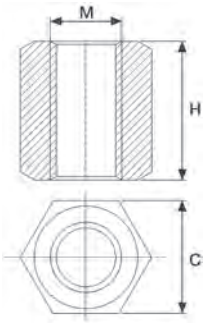
- GALVANIZED THREADED ROD
- GEWINDESTANGE VERZINK
- TIGE FILETÉE GALVANISÉE
- VARILLA ROSCADA GALVANIZADA

MATERIAL: acciaio 4.8 min. ISO 898-1
steel grade 4.8 min. ISO 898-1
Carico rottura traz. 40 Kg/mm2
Tensile failure load 40 Kg/mm2
NORM: DIN 975
GALVANIZATION: bianca/white
5 CR3 EN ISO 4042

CODE	M	L mm	Section mm²	g		€
264600001	M 6	1000	20,1	168	100*	**2,75**
264800001	M 8	1000	36,6	306	50*	**3,39**
264100001	M 10	1000	58	480	25*	**5,10**
264120001	M 12	1000	84,3	690	20*	**8,47**
264160001	M 16	1000	157	1292	10*	**14,26**

(*) unità minima di vendita / minimum selling quantity

Y 10 13





220

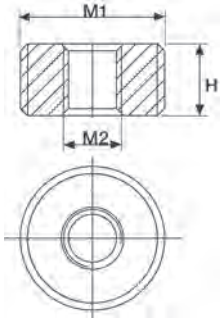
MANICOTTO ZINCATO DI CONGIUNZIONE

- GALVANIZED STUD CONNECTOR
- EINSCHLAGANKER VERZINK
- RACCORD DE JONCTION FF GALVANISÉE
- MANGUITO SEPARADOR GALVANIZADO

CODE	M	C mm	H mm	g			€
220000008	M 8	13	25	13	20	200*	**2,30**
220000010	M 10	17	30	20	20	100*	**3,98**
220000012	M 12	19	35	28	20	100*	**5,38**

(*) unità minima di vendita / minimum selling quantity

Y 10 13





222

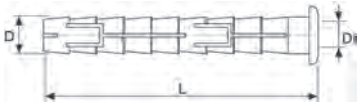
ADATTATORE ZINCATO 1/2" GAS - M8 / M10

- ADAPTER 1/2" GAS - M8 / M10
- REDUZIEMUFFE 1/2" GAS - M8 / M10
- ADAPTATEUR 1/2" GAS - M8 / M10
- ADAPTADOR 1/2" GAS - M8 / M10

CODE	M1	M2	H mm	g			€
222102008	1/2"	M 8 x 1,25	10	19	10	200*	**1,84**
222102010	1/2"	M 10 x 1,5	10	17	10	200*	**1,81**

(*) unità minima di vendita / minimum selling quantity

Y 20 21





252/N

TASSELLO DI FISSAGGIO

- PLUG
- DÜBEL
- CHEVILLE
- TACO

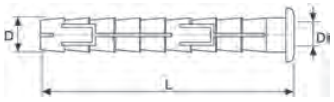
MATERIAL: PE-HD

CODE	L mm	D mm	Di mm	g		€
252060350	35	6	5	2	1000	**0,32**
252100500	50	10	6	2	600	**0,37**

Cod. 252100700: per vite M 8 x 100 (216) ed M 8 x 93 a battente (216/B)
Cod. 252140700: per vite M 10 x 120 (216) ed M 10 x 90 a battente (216/B)

Cod. 252100700: for screw M 8 x 100 (216) and M 8 x 93 (216/B)
Cod. 252140700: for screw M 10 x 120 (216) and M 10 x 90 (216/B)

Y 20 21





NEW

252/Nylon

TASSELLO DI FISSAGGIO

- PLUG
- DÜBEL
- CHEVILLE
- TACO

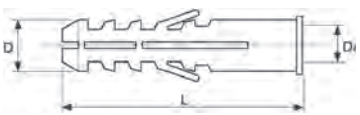
MATERIAL: Nylon

CODE	L mm	D mm	Di mm	g		€
252100700	70	10	8	3	600	**0,40**
252140700	70	14	11	4	350	**0,59**

Cod. 252100700: per vite M 8 x 100 (216) ed M 8 x 93 a battente (216/B)
Cod. 252140700: per vite M 10 x 120 (216) ed M 10 x 90 a battente (216/B)

Cod. 252100700: for screw M 8 x 100 (216) and M 8 x 93 (216/B)
Cod. 252140700: for screw M 10 x 120 (216) and M 10 x 90 (216/B)

Y 20 21





252/T

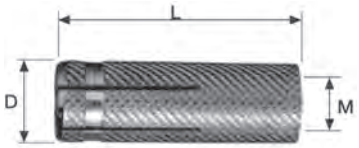
TASSELLO DI FISSAGGIO

- PLUG
- DÜBEL
- CHEVILLE
- TACO

Disponibile fino a esaurimento scorte
Available while supplies last
Lieferbar solange der Vorrat zu Verfügung steht
Disponible jusqu'à épuisement des stocks
Disponible hasta finalizar existencias

CODE	L mm	D mm	Di mm	g		€
252600300	30	6	4,5	2	1000	**0,44**
252800400	40	8	6	5	1000	**0,44**
252100600	60	10	8,5	2	600	**0,61**
252140750	75	14	12	4	350	**0,82**

Y 20 21





252/0TT

TASSELLO IN OTTONE PER FISSAGGI MEDIO-PESANTI

- BRASS ANCHOR
- MESSINGDÜBEL
- CHEVILLE EN LAITON
- ANCLAJE LATÓN

CODE	M	L mm	D mm	g		€
2520060TT	M 6	25	8	4	200	**1,39**
2520080TT	M 8	30	10	8	200	**2,10**
2520100TT	M 10	35	12	14	100	**2,97**
2520120TT	M 12	40	15	26	100	**5,21**

CARICHI MASSIMI AMMISSIBILI IN daN PER APPLICAZIONI IN CALCESTRUZZO
MAXIMUN PERMITTED LOADS IN daN FOR CONCRETE APPLICATIONS
RC≥25 N/mm²

Ancorante/Anchor	2520060TT	2520080TT	2520100TT	2520120TT
Vite/Screw 8.8	140	200	250	340

NOTE

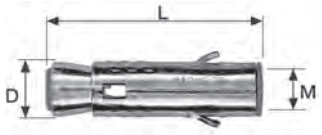
Il riquadro riporta i carichi ammissibili in daN in considerazione di:

- sollecitazioni applicate in qualsiasi direzione (trazione assiale, taglio, tiro inclinato)
- ancoranti installati con distanze dal bordo e distanze tra ancoranti uguali o superiori a quelle critiche; per distanze inferiori a quelle critiche è necessario ridurre i carichi
- spessori di supporto uguali o maggiori a quelli riportati

The table shows the permissible loads in daN, in consideration of:

- stresses applied in any direction (axial tension, cutting, tilted load)
- anchors installed with edge distances and distances between equal anchors or exceeding the critical conditions; for distances less than those criticals, it is necessary to reduce loads
- media thicknesses equal or bigger than those indicated above.

Y 20 21





252/ACC

TASSELLO IN ACCIAIO CON CONO PER FISSAGGI PESANTI

- STEEL ANCHOR
- STAHLDÜBEL
- CHEVILLE EN ACIER AVEC CONIQUE
- ANCLAJE ACERO

CODE	M	L mm	D mm	g		€
252006ACC	M 6	47	12	18	100	**2,47**
252008ACC	M 8	55	14	28	50	**3,18**
252010ACC	M 10	65	16	36	50	**5,21**
252012ACC	M 12	75	20	72	25	**8,58**
252016ACC	M 16	92	24	110	10	**15,41**

Y 20 21





252/ACV

TASSELLO IN ACCIAIO CON CONO E VITE PER FISSAGGI PESANTI

- SCREW ANCHOR
- STAHLDÜBEL MIT SCHRAUBE
- CHEVILLE EN ACIER AVEC VIS
- ANCLAJE TORNILLO

CODE	M	L mm	V mm	D mm	g		€
252006ACV	M 6	47	M 6 x 55	12	32	50	**3,65**
252008ACV	M 8	55	M 8 x 65	14	58	50	**4,40**
252010ACV	M 10	65	M 10 x 80	16	96	25	**7,69**
252012ACV	M 12	75	M 12 x 100	20	170	20	**11,52**
252016ACV	M 16	92	M 16 x 110	24	306	10	**21,55**

CARICHI CONSIGLIATI IN daN – APPLICAZIONI IN CALCESTRUZZO CLASSE C20/25
RECOMMENDED LOADS IN daN - APPLICATIONS IN CONCRETE C20/25 CLASS

ANCORANTE/ANCHOR	ACV6	ACV8	ACV10	ACV12	ACV16
Vite/Screw cl. 8.8	230	420	590	750	1080

PARAMETRI D'INSTALLAZIONE / INSTALLATION PARAMETERS

FILETTO/THREAD	M6	M8	M10	M12	M16
Interasse critico tra ancoranti (mm) Critical distance between anchors (mm)	160	180	220	280	320
Distanza critica dal bordo (mm) Critical distance from the edge (mm)	90	100	120	150	170
Interasse minimo tra ancoranti (mm) Minimum distance between anchors (mm)	70	80	90	120	130
Distanza minima dal bordo (mm) Minimum distance from the edge (mm)	60	70	80	100	115
Spessore minimo supporto (mm) Minimum thickness support (mm)	100	100	100	120	140
Coppia di serraggio (Nm) Torque (Nm)	10	25	50	85	150

NOTE

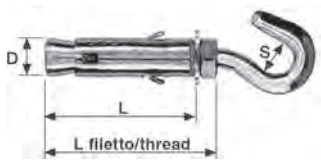
Il riquadro riporta i carichi ammissibili in daN in considerazione di:

- sollecitazioni applicate in qualsiasi direzione (trazione assiale, taglio, tiro inclinato)
- ancoranti installati con distanze dal bordo e distanze tra ancoranti uguali o superiori a quelle critiche; per distanze inferiori a quelle critiche è necessario ridurre i carichi
- spessori di supporto uguali o maggiori a quelli riportati

The table shows the permissible loads in daN, in consideration of:

- stresses applied in any direction (axial tension, cutting, tilted load)
- anchors installed with edge distances and distances between equal anchors or exceeding the critical conditions; for distances less than those criticals, it is necessary to reduce loads
- media thicknesses equal or bigger than those indicated above.

Y 10 13





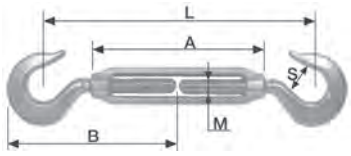
252/GAN

TASSELLO IN ACCIAIO A GANCIO M6

- ANCHOR WITH HOOK
- STAHLDÜBEL MIT HAKEN
- CHEVILLE EN ACIER AVEC CROCHET
- ANCLAJE GANCHO

CODE	M	L mm	L thread M x L mm	D mm	S mm	g		€
252000000	M 6	47	M 6 x 55	12	8	32	50	**14,75**

Y 10 13





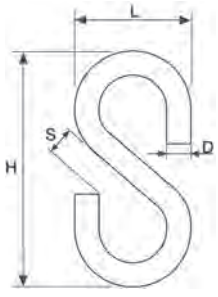
252/TEN

TENDITORE A 2 GANCI M6

- STRETCHER WITH TWO M6 HOOKS
- SPANNER MIT 2 HAKEN
- TENDEUR AVEC DEUX CROCHET
- TENSOR GALVANIZADO

CODE	M	L min mm	L max mm	A mm	B mm	S mm	g		€
252000001	M 6	110	170	80	66	8	66	50	**7,91**

Y 10 13





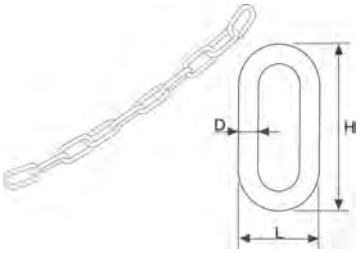
252/S

GANCIO A "S" ZINCATO

- "S" HOOK
- S HAKEN
- CROCHET "S"
- GANCHO "S"

CODE	L mm	D mm	S mm	H mm	g		€
252000002	24	5	6,5	49	16	300	**0,73**

Y 10 13





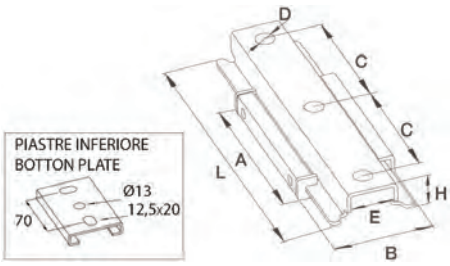
252/CAT

CATENA GENOVESE

- CHAIN
- KETTE
- CHAÎNE
- CADENA

CODE	D mm	H mm	L mm	g		€/m
252000003	2,2	20	11	4730	50 m	**4,38**
252000004	3	25	10	6910	100 m	**5,83**

Y 10 13





204

SLITTA DI SCORRIMENTO

- SLIDING SADDLE
- SCHLITTEN
- GUIDE A COULISSEMENT
- SOPORTE DESLIZANTE

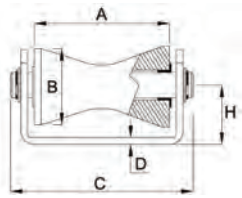
MATERIAL: DD11
GALVANIZATION: elettrolitic - electrolytic
elektrolytisch - électrolytique
electrolítica 5÷8 µm

CODE	L mm	A mm	B mm	C mm	D mm	E mm	H mm	g		€
204000000	210	109	66	80	12,5	29	21	540	12	**24,04**

MATERIALE: Acciaio Zincato. Guide di scorrimento: Poliammide con fibre di vetro.
LUNGHEZZA DI SCORRIMENTO: max 80 mm
RESISTENZA A TEMPERATURE: da -30° C a +120° C
CARICO MASSIMO DI DEFORMAZIONE: oltre 500 Kgf
CARICO MASSIMO PER SCORREVOLEZZA: con fissaggio a soffitto o pavimento 130 kgf, con fissaggio a parete 100 Kgf.
POSA: bullone M10 per assemblaggio supporto inferiore, bullone 214 TMS per per unire i collari alla parte superiore della slitta.

MATERIAL: galvanized carbon steel. Sliding guides: polyamide with glass fibers.
LENGTH SLIDER: max 80 mm
TEMPERATURE RESISTANCE: -30° C to + 120° C
MAX DEFORMATION LOAD: over 500 Kgf
MAX SLIDING LOAD: with ceiling or floor mounting 130 kgf, with wall mounting 100 kgf.
INSTALLATION: bolt M10 for lower support assembly, bolt 214 TMS for connect the collar to the top of the sliding saddle.

Y 10 13



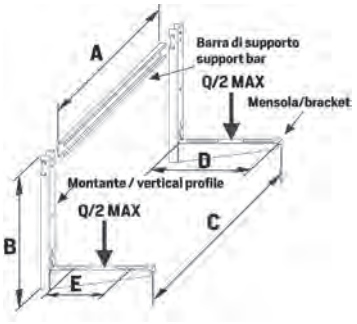


204/R

SUPPORTO A RULLO

- ROLL SUPPORT
- ROLLENAUFLAGE
- SUPPORT DE ROULEAU
- SOPORTE DE RODILLO

CODE	Pipe DN	A mm	B mm	C mm	D mm	H mm	MAX capacity Kg	kg		€
204304300	3/4" - 3" 25-85 mm	55	40	82	40 x 4	37	500	0,550	20	**59,61**
204300600	3" - 6" 80-180 mm	78	48	110	50 x 4	38	1000	0,900	16	**76,32**





Y 10 12

232/H

STAFFA UNIVERSALE PER UNITÀ ESTERNA

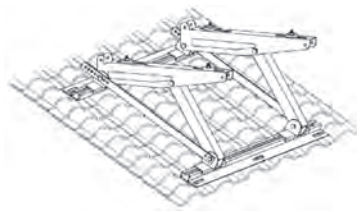
- UNIVERSAL BRACKET FOR AIR CONDITIONER
- UNIVERSAL KONSOLE FÜR EXTERNE EINHEIT
- SUPORT DE FIXATION UNIVERSEL POUR UNITÉ EXTERNE
- JUEGO SOPORTE

For fixing rails: VERSIONE PESANTE / HEAVY VERSION

CODE	A mm	B mm	D mm	E mm	C mm	Q MAX (capacity) kg	g		€
232420450	1000	475	450	160-370	90-950	95	6500	1	**165,09**
232420600	1000	475	600	230-530	90-950	85	8100	1	**184,98**

MATERIALE STAFFE: acciaio al carbonio sp. 2 mm barra di supporto, 3 mm i montanti e 2,5 mm le mensola.
TRATTAMENTO SUPERFICIALE: zincatura elettrolitica (4-7 µm) e verniciatura tipo epossi-poliestere con polveri termoindurenti per esterni (70-90 µm) RAL 1013.
VITERIA: viteria zincata, completa di fissaggi per l'installazione a muro e per il fissaggio della macchina.
Raccorderie Metalliche garantisce le portate di carico fatto salvo il corretto ancoraggio alla parete.

BRACKETS MATERIAL: carbon steel 2 mm thk. support bar, 3 mm vertical profiles and 2,5 mm bracket.
SURFACE TREATMENT: zinc plating (4-7 µm) and painting with epoxy-polyester powder coating for outside (70-90 µm) RAL 1013.
SCREWS: galvanized screws, complete of fixings for wall mounting and for machine fixing.
Raccorderie Metalliche guarantees the load only in the case of a corrrect wall anchorage.





Y 10 12

233/T

STAFFA A TETTO PER UNITÀ ESTERNA

- ROOF SUPPORT
- DACHFOERMIG KONSOLE FÜR EXTERNE EINHEIT
- SUPORT DE FIXATION POUR UNITÉ EXTERNE
- SOPORTE DE TECHO

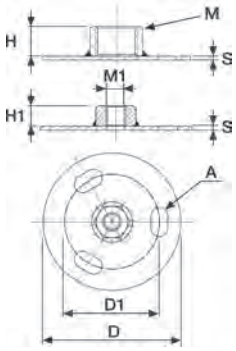
DIMENSION: 450 x 850 mm

CODE	MAX capacity with tilt				g		€
	15° kg	20° kg	25° kg	30° kg			
233450800	80	100	120	150	7358	1	**204,67**

MATERIALE STAFFE: acciaio al carbonio sp. 1,5 mm.
TRATTAMENTO SUPERFICIALE: zincatura tipo sendzimir e verniciatura tipo epossi-poliestere con polveri termoindurenti per esterni.
VITERIA: viteria zincata.
Struttura regolabile per recupero pendenza del tetto da 10° a 40°.
Dopo averla ben fissata sul tetto, ancorarla ad una parete. Eseguire l'installazione in zone riparate dal vento.
Raccorderie Metalliche garantisce le portate di carico fatto salvo il corretto ancoraggio.

BRACKETS MATERIAL: carbon steel 1,5 mm thk.
SURFACE TREATMENT: sendzimir zinc plating and painting with epoxy-polyester powder coating for outside.
SCREWS: galvanized screws.
Adjustable structure for recovery roof slope from 10° to 40°.
After having well fixed on the roof, anchor it to a wall. Perform installation in areas protected from the wind.
Raccorderie Metalliche guarantees the load only in the case of a correct wall anchorage.

Y 10 13





263/R

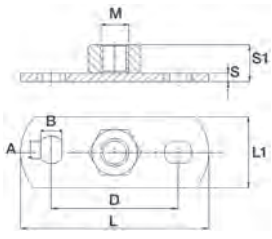
FLANGIA A MURO ZINCATA

- GALVANIZED FIXING FLANGE
- WANDFLANSCHE VERZINK
- BASE (POINT FIXE) DE FIXATION GALVANISÉE
- PLETINA FIJACIÓN GALVANIZADA

CODE	M	M1	A mm	D mm	D1 mm	S mm	H mm	H1 mm	g		€
263102000	øe 26,5 x 1/2"	-	17 x 8,5	70	52	2	16	-	165	100*	**4,31**
263100000	-	M 10	17 x 8,5	70	52	2	-	10	150	100*	**3,45**

(*) unità minima di vendita / minimum selling quantity

Y 10 13



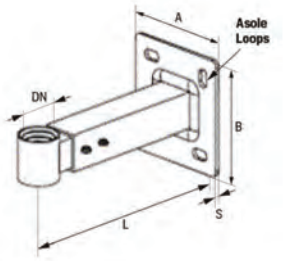


263/L

FLANGIA A MURO ZINCATA

- GALVANIZED FIXING FLANGE
- WANDFLANSCHE VERZINK
- BASE (POINT FIXE) DE FIXATION GALVANISÉE
- PLETINA FIJACIÓN GALVANIZADA

CODE	M	L mm	L1 mm	D mm	S mm	S1 mm	A x B mm	g		€
263080001	M 8	80	30	53	3	11	8,5 x 17	50	50	**3,03**





Y 10 13

263/T

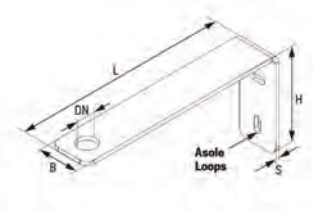
STAFFA PER VASO D'ESPANSIONE

- BRACKET FOR EXPANSION TANK
- HALTERUNG FÜR AUSDEHNUNGSGEFÄSS
- SUPPORT POUR VASE D'EXPANSION
- SOPORTE PARA VASO DE EXPANSIÓN

MATERIAL: DD11 - 1.0032
COLOUR: RAL 9016 (supporto a muro / wall bracket)
NOTE: supporto vaso zincato tank support galvanized

CODE	DN inch	A mm	L mm	B mm	S mm	Loops mm	Q MAX (capacity) kg	g			€
263304002	3/4"	88	160 - 250	95	3	9 x 15	60 kg (tank 15÷50 l)	623	1	15*	**26,90**
263100002	1"	88	160 - 250	95	3	9 x 15	60 kg (tank 15÷50 l)	763	1	15*	**27,05**

ACCESSORI: completa di nº 2 viti M 8x70 (DIN 571) e nº 2 tasselli ø 10 mm
ACCESSORIES: complete with 2 screws M 8x70 (DIN 571) and nº 2 plugs ø 10 mm
(*) unità minima di vendita / minimum selling quantity





Y 10 13

263/B

STAFFA PER VASO D'ESPANSIONE ZINCATA

- GALVANIZED BRACKET FOR EXPANSION TANK
- HALTERUNG FÜR AUSDEHNUNGSGEFÄSS VERZINK
- SUPPORT POUR VASE D'EXPANSION GALVANISÉE
- SOPORTE PARA VASO DE EXPANSIÓN GALVANIZADA

MATERIAL: DD11 - 1.0032

CODE	DN inch	L mm	B mm	S mm	Loops mm	H mm	Q MAX (capacity) kg	g			€
263304003	3/4"	265	50	5	8,5 x 21 interasse wheelbase 55 mm	120	25	700	1	10*	**20,44**

ACCESSORI: completa di nº 2 viti M 8x60 (DIN 571) e nº 2 tasselli ø 10 mm
ACCESSORIES: complete with 2 screws M 8x60 (DIN 571) and nº 2 plugs ø 10 mm
(*) unità minima di vendita / minimum selling quantity

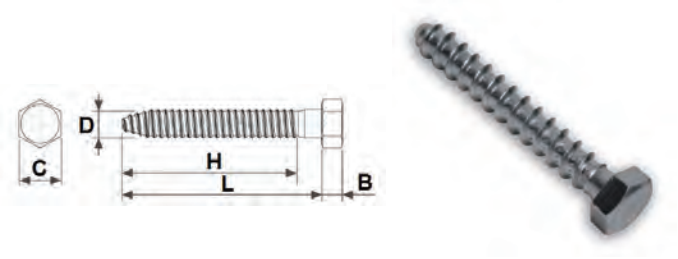
Y 10 13

223

VITE ZINCATA 8X60 PER FISSAGGIO FLANGE A MURO E SEMICOLLARI

- GALVANIZED SCREW 8X60
- SECHSKANTHOLZSCHRAUBE
- TIREFOND TÊTE HEXAGONALE
- TORNILLO GALVANIZADO

NORM: DIN 571 - UNI 704



CODE	L mm	B mm	C mm	D mm	H mm	g		€
223008060	60	5,5	13	8	55	20	500	0,50

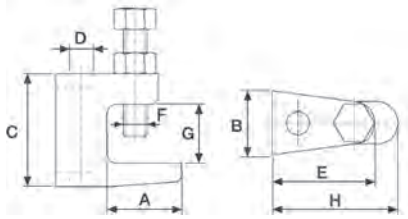
Y 10 13

258/M

MORSETTO IN GHISA PER ANCORAGGIO A TRAVI

- BEAM CLAMP
- TRÄGERKLAMMER
- CRAMPON SERRE-JOINT
- GANCHO DE SUJECIÓN

MATERIAL: Malleable cast iron
DIN EN ISO 8062-3 CT8
Bolt 8.8 DIN 933





CODE	A mm	B mm	C mm	D mm	E mm	F mm	G mm	H mm	Q MAX (capacity) kg	Certification	g		€
258008000	21	19	35	M 8	35	M 8	18	38	120	VdS – UL	84	100*	7,89
258010000	23	21	42	M 10	41	M 10	20	44	250	VdS – UL – FM	146	100*	8,81
258012000	35	23,5	54	M 12	48	M 10	26	58	350	VdS – UL – FM	220	50*	14,70

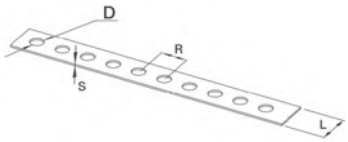
(*) unità minima di vendita / minimum selling quantity

Y 10 13

357

BANDELLA PREFORATA ZINCATA

- GALVANISED SUSPENSION BAND
- MONTAGEBAND VERZINK
- BANDE PERFORÉE ACIER GALVANISÉE
- GUÍA PERFORADA GALVANIZADA





CODE	L mm	D mm	S mm	R mm	Total length m	g		€
357000000	17	6,5	0,8	13	10 metri / meters	838	10 rotoli/rolls	26,81

Y 10 13

357/T

BANDELLA DI TESSUTO

- FABRIC BAND
- GEWEBEBAND
- BANDE EN TISSU
- TIRA EN TEJIDO

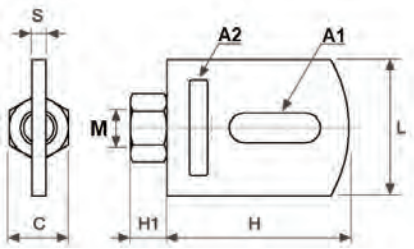
MATERIAL: polipropilene - polypropylene
Polypropylen - polypropylène
polipropileno





CODE	L mm	S mm	Total length m	g		€
357000004	15	0,8	10 metri / meters	73	10 rotoli / rolls	11,58

Y 10 13





357/SUP

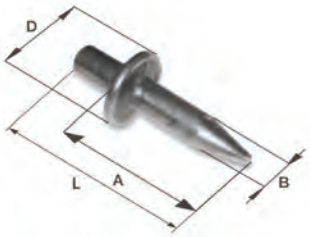
SUPPORTO PER BANDELLA CON VITE E DADO

- KIT SUPPORT FOR SUSPENSION BAND
- ROHRAUFHÄNGER MIT SCHRAUBEN UND GEGENMUTTER
- SUPORT POUR BANDE PERFORÉE AVEC VIS ET ÉCROU
- CÁNCAMOS CON ROSCA INTERIOR

CODE	M	L mm	C mm	S mm	H mm	H1 mm	A1 mm	A2 mm	Accessories	g			€
357000001	M 8	30	13	3	39	8	20 x 6,5	21 x 4	Vite/Screw M 6 x 16 + dado/back nut	34	1	100*	**7,24**

(*) unità minima di vendita / minimum selling quantity

Y 10 13



357/02

CHIODO IN ACCIAIO PER BANDELLA

- STEEL NAIL FOR SUSPENSION BAND
- EINSCHLAG-BOLZEN
- CLOU EN ACIER POUR BANDE PERFORÉE
- CLAVO EN ACERO PARA CINTA PERFORADA

CODE	L mm	A mm	B mm	D mm	g		€
357000002	27	18	4	10	1	500	**0,29**

Y 10 13



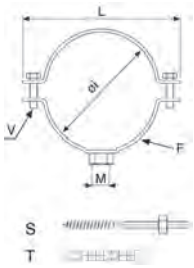
357/03

IMPUGNATURA PORTA CHIODO

- NAIL-HOLDER GRIP
- EINSCHLAGWERKZEUG
- POIGNÉE PORTE CLOU
- EMPUÑADURA PORTA CLAVO

CODE	g		€
357000003	478	1	**120,03**

A 50 50





155

COLLARE FISSAGGIO TUBO CON VITE E TASSELLO

- CLAMP WITH BOLT-WOOD SCREW AND PLUG
- ROHRSCHELLE MIT HOLZSCHRAUBE UND DÜBEL
- COLLIER DE FIXATION AVEC CHEVILLE ET VIS FER-BOIS
- ABRAZADERA CON TACO NI TORNILLO

MATERIAL: AISI 304 - 1.4301
NOTE: dado saldato con puntatura elettrica
spot welded nut

CODE	DN inch	Øi mm	M	T mm	S mm	V mm	F Lg x Sp mm	L mm	g			€
155308304	3/8"	16 - 18	M 8	10 x 70	M 8 x 90	M 6 x 20	20 x 2,5	53,5	96	1	100*	**6,53**
155102304	1/2"	20 - 22	M 8	10 x 70	M 8 x 90	M 6 x 20	20 x 2,5	58	100	1	100*	**6,53**
155304304	3/4"	25 - 28	M 8	10 x 70	M 8 x 90	M 6 x 20	20 x 2,5	63,5	106	1	100*	**7,09**
155100304	1"	31 - 35	M 8	10 x 70	M 8 x 90	M 6 x 20	20 x 2,5	70	114	1	50*	**7,88**
155114304	1"1/4	39 - 43	M 8	10 x 70	M 8 x 90	M 6 x 20	20 x 2,5	79	118	1	50*	**8,50**
155112304	1"1/2	45 - 48,5	M 8	10 x 70	M 8 x 90	M 6 x 20	20 x 2,5	85	130	1	50*	**9,11**
155054304	54 mm	54	M 8	10 x 70	M 8 x 90	M 6 x 25	20 x 2,5	94	138	1	50*	**9,92**
155200304	2"	58 - 61	M 8	10 x 70	M 8 x 90	M 6 x 20	20 x 2,5	97	144	1	50*	**9,92**
155212304	2"1/2	73 - 76,5	M 10	14 x 70	M 10 x 120	M 6 x 25	30 x 2,5	115	262	1	20*	**16,78**
155300304	3"	86 - 89	M 10	14 x 70	M 10 x 120	M 6 x 25	30 x 2,5	128	288	1	20*	**18,71**
155312304	3"1/2	99 - 103	M 10	14 x 70	M 10 x 120	M 6 x 25	30 x 2,5	148	310	1	20*	**21,59**
155400304	4"	110 - 115	M 10	14 x 70	M 10 x 120	M 6 x 25	30 x 2,5	153,5	338	1	20*	**23,98**
155500304	5"	139 - 143	M 10	14 x 70	M 10 x 120	M 6 x 25	30 x 2,5	198	398	1	10*	**31,22**
155600304	6"	166 - 170	M 10	14 x 70	M 10 x 120	M 6 x 25	30 x 2,5	230	450	1	10*	**34,90**
155800304	8"	217 - 221	M 10	14 x 70	M 10 x 120	M 6 x 25	30 x 2,5	281	560	1	10*	**43,57**

(*) unità minima di vendita / minimum selling quantity

A 50 50



158/KIT

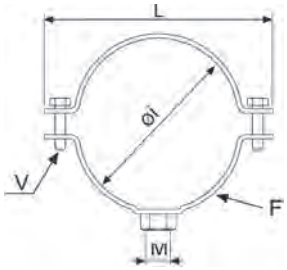
KIT VITE FERRO-LEGNO + TASSELLO + DADO

- KIT SCREW + PLUG + BACK NUT
- KIT HOLZSCHRAUBE + DÜBEL + 6-KUNT GEGENMUTTER
- KIT VIS BATTENTE + CHEVILLE + ÉCROU HEXAGONAL
- KIT TORNILLO + TACO + TUERCA HEXAGONAL

MATERIAL: AISI 304 - 1.4301

CODE	Plug	Screw	Back nut	g			€
158216008K	10 x 70	M 8 x 100	M 8	72	1 kit	200 kit*	**9,60**
158216010K	14 x 70	M 10 x 120	M 10	140	1 kit	100 kit*	**13,29**

Kit : nº 2 tasselli, nº 2 viti, nº 2 dadi
Kit : nº 2 plugs, nº 2 screws, nº 2 back nuts
(*) unità minima di vendita / minimum selling quantity





A 50 50

156/304

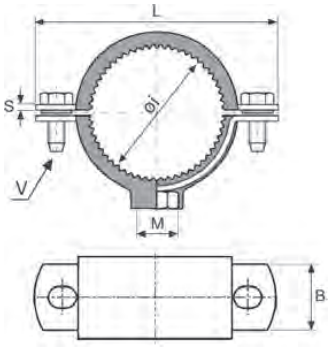
COLLARE FISSAGGIO TUBO

- CLAMP
- ROHRSCHELLE
- COLLIER DE FIXATION
- ABRAZADERA

MATERIAL: AISI 304 - 1.4301
NOTE: dado saldato con puntatura elettrica
spot welded nut

CODE	DN inch	DN mm	Øi mm	M	V mm	F Lg x Sp mm	L mm	g			€
156015304	15 mm	15	15	M 8	M 6 x 20	20 x 2,5	48	52	1	50*	5,99
156308304	3/8"	18	16 - 18	M 8	M 6 x 20	20 x 2,5	53,5	58	1	50*	5,99
156102304	1/2"	22	20 - 22	M 8	M 6 x 20	20 x 2,5	58	62	1	50*	5,77
156304304	3/4"	28	25 - 28	M 8	M 6 x 20	20 x 2,5	63,5	68	1	50*	5,97
156100304	1"	35	31 - 35	M 8	M 6 x 20	20 x 2,5	70	76	1	50*	6,68
156114304	1"1/4	42	39 - 43	M 8	M 6 x 20	20 x 2,5	79	88	1	50*	7,40
156112304	1"1/2	-	45 - 48,5	M 8	M 6 x 20	20 x 2,5	85	92	1	50*	7,99
156054304	54 mm	54	54	M 8	M 6 x 25	20 x 2,5	94	102	1	50*	8,70
156200304	2"	-	58 - 61	M 8	M 6 x 20	20 x 2,5	97	104	1	50*	8,70
156212304	2"1/2	76,1	73 - 76,5	M 10	M 6 x 25	30 x 2,5	115	200	1	20*	15,23
156300304	3"	88,9	86 - 89	M 10	M 6 x 25	30 x 2,5	128	221	1	20*	16,61
156312304	3"1/2	-	99 - 103	M 10	M 6 x 25	30 x 2,5	148	238	1	20*	18,85
156108304	108 mm	108	108	M 10	M 6 x 25	30 x 2,5	149	252	1	20*	19,25
156400304	4"	-	110 - 115	M 10	M 6 x 25	30 x 2,5	153,5	266	1	20*	19,25
156500304	5"	139,7	139 - 143	M 10	M 6 x 25	30 x 2,5	198	326	1	10*	27,97
156600304	6"	168,3	166 - 170	M 10	M 6 x 25	30 x 2,5	230	406	1	10*	32,04
156800304	8"	-	217 - 221	M 10	M 6 x 25	30 x 2,5	281	510	1	10*	39,55

(*) unità minima di vendita / minimum selling quantity





Conforme a
Conform to
Entsprechend
Correspondant
Conforme a la
DIN 4109

A 50 50

156/304 G

COLLARE CON GOMMA

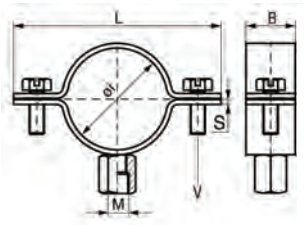
- CLAMP WITH RUBBER
- ROHRSCHELLE MIT GUMMIEINLAGE
- COLLIER DE FIXATION GARNITURE ISOPHONIQUE
- ABRAZADERA ISOFÓNICA

MATERIAL: AISI 304 - 1.4301
VULCANIZED RUBBER: EPDM (-20° C/+120° C)
durezza/hardness 55 Shore
NOTE: dado saldato con puntatura elettrica
spot welded nut

CODE	DN inch	DN mm	Øi mm	M	V mm	B mm	S mm	L mm	g			€
156150304G	-	15	15 - 18	M 8	M 6 x 20	20	2,5	58	72	1	50*	12,18
156308304G	3/8"	18	16 - 18	M 8	M 6 x 20	20	2,5	58	76	1	50*	12,18
156102304G	1/2"	22	20 - 24	M 8	M 6 x 20	20	2,5	63,5	86	1	50*	12,42
156304304G	3/4"	28	25 - 28	M 8	M 6 x 20	20	2,5	70	94	1	50*	12,91
156100304G	1"	35	31 - 35	M 8	M 6 x 20	20	2,5	79	112	1	50*	13,68
156114304G	1"1/4	42	39 - 43	M 8	M 6 x 20	20	2,5	85	120	1	50*	15,94
156112304G	1"1/2	54	47 - 54	M 8	M 6 x 25	20	2,5	97	142	1	50*	17,38
156200304G	2"	-	58 - 61	M 8	M 6 x 20	20	2,5	107	156	1	20*	18,88
156212304G	2"1/2	76,1	73 - 76,5	M 10	M 6 x 25	30	2,5	128	308	1	10*	26,40
156300304G	3"	88,9	86 - 89	M 10	M 6 x 25	30	2,5	148	346	1	10*	28,61
156400304G	4"	-	110 -115	M 10	M 6 x 25	30	2,5	166	382	1	10*	34,55

(*) unità minima di vendita / minimum selling quantity

A 50 51





156/316

COLLARE FISSAGGIO TUBO

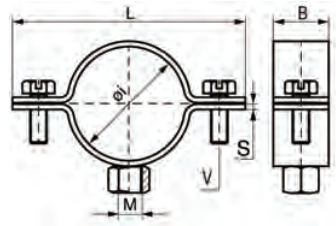
- CLAMP
- ROHRSCHELLE
- COLLIER DE FIXATION
- ABRAZADERA

MATERIAL: AISI 316 - 1.4401
NOTE: dado saldato con puntatura elettrica
spot welded nut

CODE	DN inch	DN mm	Øi mm	M	V mm	B mm	S mm	L mm	g		€
156308316	3/8"	15 - 18	15 - 18	M 8 / 10	M 6 x 16	20	2	54	56	50*	**9,23**
156102316	1/2"	22	20 - 24	M 8 / 10	M 6 x 16	20	2	62	62	50*	**9,89**
156304316	3/4"	28	26 - 30	M 8 / 10	M 6 x 16	20	2	66	64	50*	**10,37**
156100316	1"	35	32 - 36	M 8 / 10	M 6 x 20	20	2	72	70	50*	**10,78**
156114316	1"1/4	42	36 - 42	M 8 / 10	M 6 x 20	20	2	80	83	50*	**11,63**
156112316	1"1/2	-	47 - 50	M 8 / 10	M 6 x 20	20	2	87	89	50*	**12,41**
156054316	54 mm	54	51 - 55	M 8 / 10	M 6 x 20	20	2	94	94	50*	**12,88**
156200316	2"	-	60 - 64	M 8 / 10	M 6 x 20	20	2	102	102	50*	**13,74**
156070316	70 mm	-	67 - 73	M 8 / 10	M 6 x 20	20	2	118	110	20*	**15,37**
156212316	2"1/2	76,1	75 - 80	M 8 / 10	M 6 x 20	20	2	125	117	20*	**15,62**
156300316	3"	88,9	87 - 92	M 8 / 10	M 6 x 20	20	2	141	132	20*	**17,15**
156312316	3"1/2	-	99 - 105	M 8 / 10	M 6 x 20	20	2	155	143	20*	**18,66**
156108316	108 mm	108	106 - 112	M 8 / 10	M 6 x 20	20	2	162	152	20*	**19,72**
156400316	4"	-	114 - 119	M 8 / 10	M 6 x 25	20	2	171	161	20*	**21,46**
156125316	125 mm	-	124 - 131	M 8 / 10	M 6 x 25	20	2	179	179	10*	**22,80**
156160316	160 mm	-	159 - 163	M 8 / 10	M 6 x 25	20	2	211	201	10*	**26,44**
1560200316	200 mm	-	199 - 204	M 8 / 10	M 6 x 25	20	2	253	256	10*	**28,42**

(*) unità minima di vendita / minimum selling quantity

A 50 51





156/316L

COLLARE FISSAGGIO TUBO - SERIE PESANTE

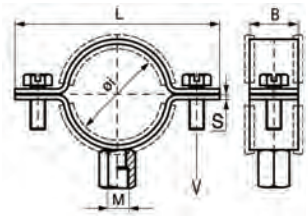
- CLAMP - HEAVY SERIES
- ROHRSCHELLE - SCHWERE SERIE
- COLLIER DE FIXATION - SÉRIE LOURDE
- ABRAZADERA - SERIE PESADA

MATERIAL: AISI 316L - 1.4404
NOTE: dado saldato con puntatura elettrica
spot welded nut

CODE	DN inch	DN mm	Øi mm	M	V mm	B mm	S mm	L mm	g		€
156500316	5"	139,7	139 - 144	M 10	M 6 x 25	20	2,5	179	210	10*	**26,41**
156600316	6"	168,3	164 - 169	M 10	M 6 x 25	20	2,5	203	240	10*	**27,93**

(*) unità minima di vendita / minimum selling quantity

A 50 51





156/316 G

COLLARE CON GOMMA

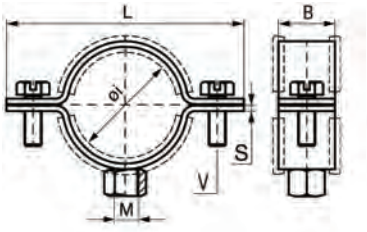
- CLAMP WITH RUBBER
- ROHRSCHELLE MIT GUMMIEINLAGE
- COLLIER DE FIXATION GARNITURE ISOPHONIQUE
- ABRAZADERA ISOFÓNICA

MATERIAL: AISI 316 - 1.4401
VULCANIZED RUBBER: EPDM (-20° C/+120° C)
NOTE: dado saldato con puntatura elettrica
spot welded nut

CODE	DN inch	DN mm	Øi mm	M	V mm	B mm	S mm	L mm	g		€
1563083166	3/8"	15 - 18	15 - 18	M 8 / 10	M 6 x 16	20	2	65	71	50*	**10,85**
1561023166	1/2"	22	20 - 24	M 8 / 10	M 6 x 16	20	2	69	77	50*	**11,44**
1563043166	3/4"	28	26 - 30	M 8 / 10	M 6 x 16	20	2	74	83	50*	**11,84**
1561003166	1"	35	32 - 36	M 8 / 10	M 6 x 20	20	2	81	91	50*	**12,75**
1561143166	1"1/4	42	38 - 42	M 8 / 10	M 6 x 20	20	2	89	100	50*	**13,69**
1561123166	1"1/2	-	47 - 50	M 8 / 10	M 6 x 20	20	2	100	111	50*	**14,76**
1560543166	54 mm	54	51 -55	M 8 / 10	M 6 x 20	20	2	102	120	50*	**15,48**
1562003166	2"	-	60 - 64	M 8 / 10	M 6 x 20	20	2	114	132	20*	**16,97**
1560703166	70 mm	-	67 - 73	M 8 / 10	M 6 x 20	20	2	124	147	10*	**19,14**
1562123166	2"1/2	76,1	75 - 80	M 8 / 10	M 6 x 20	20	2	130	154	10*	**19,82**
1563003166	3"	88,9	87 - 92	M 8 / 10	M 6 x 20	20	2	141	170	10*	**23,25**
1563123166	3"1/2	-	100 - 106	M 8 / 10	M 6 x 20	20	2	165	189	10*	**23,88**
1561083166	-	108	108	M 8 / 10	M 6 x 25	20	2	168	200	10*	**23,95**
1564003166	4"	-	114 - 119	M 8 / 10	M 6 x 25	20	2	180	210	10*	**24,71**
1561253166	125 mm	-	124 - 131	M 8 / 10	M 6 x 25	20	2	191	220	10*	**26,19**
1561603166	160 mm	-	159 - 165	M 8 / 10	M 6 x 25	20	2	217	261	10*	**30,56**

(*) unità minima di vendita / minimum selling quantity

A 50 51





156/316L G

COLLARE CON GOMMA - SERIE PESANTE

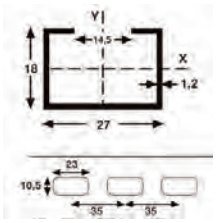
- CLAMP WITH RUBBER - HEAVY SERIES
- ROHRSCHELLE MIT GUMMIEINLAGE - SCHWERE SERIE
- COLLIER DE FIXATION GARNITURE ISOPHONIQUE - SÉRIE LOURDE
- ABRAZADERA ISOFÓNICA - SERIE PESADA

MATERIAL: AISI 316L - 1.4404
VULCANIZED RUBBER: EPDM (-20° C/+120° C) durezza/hardness 55 Shore
NOTE: dado saldato con puntatura elettrica
spot welded nut

CODE	DN inch	DN mm	Øi mm	M	V mm	B mm	S mm	L mm	g		€
1565003166	5"	139,7	133 - 141	M 10	M 6 x 25	20	2,5	179	250	10*	**29,65**
1566003166	6"	168,3	159 - 168	M 10	M 8 x 35	25	2,5	233	470	10*	**32,50**

(*) unità minima di vendita / minimum selling quantity

A 50 50





157-P1

PROFILO 2 M

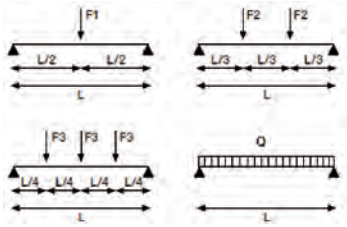
- FIXING RAIL 2 M
- MONTAGESCHIENE 2 M
- RAIL 2 M
- GUÍA PERFORADA 2 M

MATERIAL: AISI 304 - 1.4301
DIMENSION: 27 x 18 x 1,2

CODE	Section cm²	Jx cm⁴	Jy cm⁴	Wx cm³	Wy cm³	kg/m		€
157027000	0,84	0,34	0,92	0,32	0,68	0,55	6 barre	**186,06**

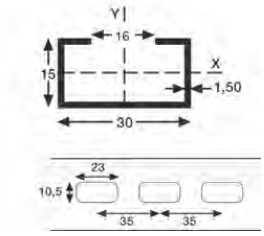
Asse di riferimento X-X
Il momento d'inerzia Jx-Jy ed i moduli di resistenza Wx-Wy sono calcolati in corrispondenza di una sezione omogenea (fori esclusi).
F1 - F2 - F3 - Q = (daN) 1 daN≈ 1 kgf Portate calcolate considerando una freccia limite = L/200.

Reference axis X-X
Moment of inertia Jx-Jy and strength modulus Wx-Wy are calculated in correspondence with homogeneous section (holes excluded).
F1 - F2 - F3 - Q = (daN) 1 daN≈ 1 kgf Loads calculation considering a limit deflection = L/200.



157027000	L (mm)			
27x18x1,2	**500**	**1000**	**1500**	**2000**
F1	51	19	8	5
F2	38	11	5	3
F3	25	8	4	2
Q	101	30	14	8

A 50 50





157-P3

PROFILO 2 M

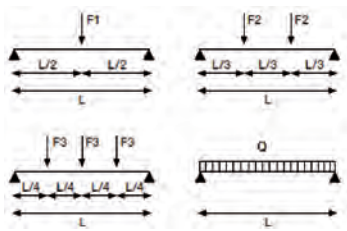
- FIXING RAIL 2 M
- MONTAGESCHIENE 2 M
- RAIL 2 M
- GUÍA PERFORADA 2 M

MATERIAL: AISI 304 - 1.4301
DIMENSION: 30 x 15 x 1,5

CODE	Section cm²	Jx cm⁴	Jy cm⁴	Wx cm³	Wy cm³	kg/m		€
157030000	0,98	0,30	1,26	0,33	0,84	0,70	6 barre	**198,43**

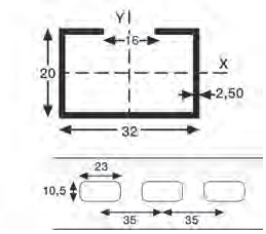
Asse di riferimento X-X
Il momento d'inerzia Jx-Jy ed i moduli di resistenza Wx-Wy sono calcolati in corrispondenza di una sezione omogenea (fori esclusi).
F1 - F2 - F3 - Q = (daN) 1 daN≈ 1 kgf Portate calcolate considerando una freccia limite = L/200.

Reference axis X-X
Moment of inertia Jx-Jy and strength modulus Wx-Wy are calculated in correspondence with homogeneous section (holes excluded).
F1 - F2 - F3 - Q = (daN) 1 daN≈ 1 kgf Loads calculation considering a limit deflection = L/200.



157030000	L (mm)			
30x15x1,5	**500**	**1000**	**1500**	**2000**
F1	49	15	7	4
F2	39	9	4	2
F3	25	6	3	2
Q	98	25	11	6

A 50 50





157-P4

PROFILO 2 M

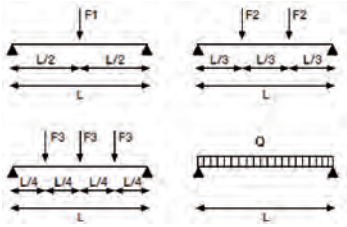
- FIXING RAIL 2 M
- MONTAGESCHIENE 2 M
- RAIL 2 M
- GUÍA PERFORADA 2 M

MATERIAL: AISI 304 - 1.4301
DIMENSION: 32 x 20 x 2,5

CODE	Section cm²	Jx cm⁴	Jy cm⁴	Wx cm³	Wy cm³	kg/m		€
157032000	1,87	0,94	2,70	0,80	1,68	1,30	6 barre	**308,10**

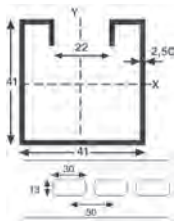
Asse di riferimento X-X
Il momento d'inerzia Jx-Jy ed i moduli di resistenza Wx-Wy sono calcolati in corrispondenza di una sezione omogenea (fori esclusi).
F1 - F2 - F3 - Q = (daN) 1 daN≈ 1 kgf Portate calcolate considerando una freccia limite = L/200.

Reference axis X-X
Moment of inertia Jx-Jy and strength modulus Wx-Wy are calculated in correspondence with homogeneous section (holes excluded).
F1 - F2 - F3 - Q = (daN) 1 daN≈ 1 kgf Loads calculation considering a limit deflection = L/200.



157032000 32x20x2,5	L (mm) 500	1000	1500	2000
F1	117	48	21	12
F2	88	28	13	7
F3	59	20	9	5
Q	235	77	34	19

A 50 50





157-P6

PROFILO 3 M

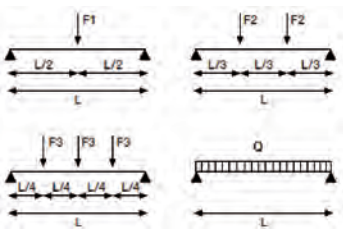
- FIXING RAIL 3 M
- MONTAGESCHIENE 3 M
- RAIL 3 M
- GUÍA PERFORADA 3 M

MATERIAL: AISI 304 - 1.4301
DIMENSION: 41 x 41 x 2,5

CODE	Section cm²	Jx cm⁴	Jy cm⁴	Wx cm³	Wy cm³	kg/m		€
157041000	3,25	6,28	9,18	2,99	4,48	2,6	5 barre	**502,24**

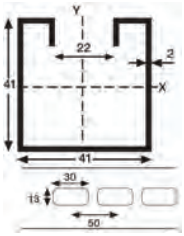
Asse di riferimento X-X
Il momento d'inerzia Jx-Jy ed i moduli di resistenza Wx-Wy sono calcolati in corrispondenza di una sezione omogenea (fori esclusi).
F1 - F2 - F3 - Q = (daN) 1 daN≈ 1 kgf Portate calcolate considerando una freccia limite = L/200.

Reference axis X-X
Moment of inertia Jx-Jy and strength modulus Wx-Wy are calculated in correspondence with homogeneous section (holes excluded).
F1 - F2 - F3 - Q = (daN) 1 daN≈ 1 kgf Loads calculation considering a limit deflection = L/200.



157041000 41x41x2,5	L (mm) 500	1000	1500	2000	3000
F1	433	216	138	78	35
F2	325	162	81	46	20
F3	216	108	58	33	15
Q	866	433	221	124	55

A 50 50





157-P6 L

PROFILO 3 M

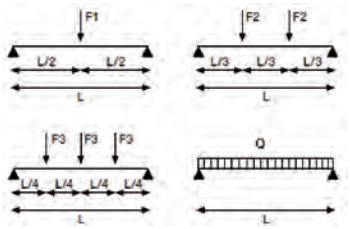
- FIXING RAIL 3 M
- MONTAGESCHIENE 3 M
- RAIL 3 M
- GUÍA PERFORADA 3 M

MATERIAL: AISI 304 - 1.4301
DIMENSION: 41 x 41 x 2

CODE	Section cm²	Jx cm⁴	Jy cm⁴	Wx cm³	Wy cm³	kg/m		€
157041001	2,63	5,26	7,60	2,50	3,71	2,06	5 barre	**436,99**

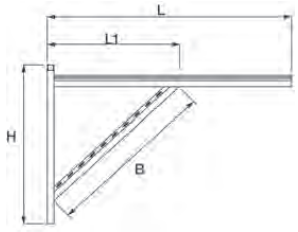
Asse di riferimento X-X
Il momento d'inerzia Jx-Jy ed i moduli di resistenza Wx-Wy sono calcolati in corrispondenza di una sezione omogenea (fori esclusi).
F1 - F2 - F3 - Q = (daN) 1 daN≈ 1 kgf Portate calcolate considerando una freccia limite = L/200.

Reference axis X-X
Moment of inertia Jx-Jy and strength modulus Wx-Wy are calculated in correspondence with homogeneous section (holes excluded).
F1 - F2 - F3 - Q = (daN) 1 daN≈ 1 kgf Loads calculation considering a limit deflection = L/200.

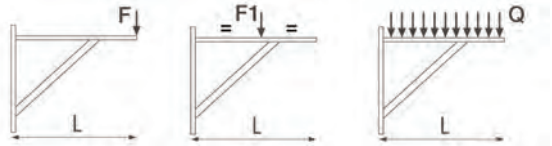


157041001 41x41x2	L (mm) 500	1000	1500	2000	3000
F1	362	181	116	65	29
F2	271	136	68	38	17
F3	181	90	49	27	12
Q	724	362	185	104	46

A 50 50







230 I

MENSOLA SALDATA A SQUADRA IN PROFILATO

- TRIANGULAR BRACKET
- UNTERSTÜTZUNG FERTIGKONSOLE
- CONSOLE AVEC RENFORCE
- SOPORTE 90º SALDADO

MATERIAL: AISI 304 - 1.4301

Fixing rail: 32x20x2,5

CODE	L mm	L1 mm	B mm	H mm	F daN	F1 daN	Q daN	g			€
230370304	370	200	250	275	60	600	250	1100	2	240	**148,12**
230545304	545	290	380	380	40	600	160	1500	2	165	**201,99**

MATERIALE STAFFE: acciaio inossidabile AISI 304 - 1.4301.
Raccorderie Metalliche garantisce le portate di carico fatto salvo il corretto ancoraggio alla parete. 1 DaN ≈ 1 Kgf

BRACKET MATERIAL: stainless steel AISI 304 - 1.4301.
Raccorderie Metalliche guarantees the load only in the case of a corrrect wall anchorage. 1 daN ≈ 1 kgf

A 50 50



231/32 I

MENSOLA SALDATA A PARETE 32X20X2

- WALL BRACKET
- FERTIGKONSOLE
- CONSOLE
- SOPORTE

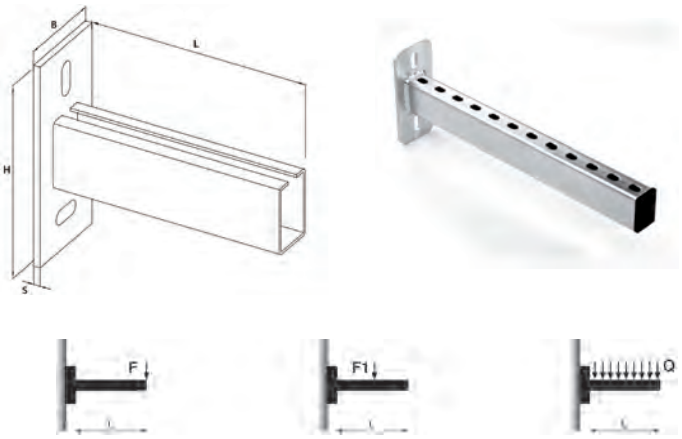
MATERIAL: AISI 304 - 1.4301

CODE	L mm	H mm	B mm	S mm	F daN	F1 daN	Q daN	g		€
231280304	280	120	40	4	33	67	67	436	10	**70,57**

Versione con tappo di testa montato.
Raccorderie Metalliche garantisce le portate di carico fatto salvo il corretto ancoraggio alla parete.
1 DaN ≈ 1 Kgf

Version with mounted head cap.
Raccorderie Metalliche guarantees the load only in the case of a corrrect wall anchorage.
1 daN ≈ 1 kgf

A 50 50



231/40 I

MENSOLA SALDATA A PARETE 32X20X2

- WALL BRACKET
- FERTIGKONSOLE
- CONSOLE
- SOPORTE

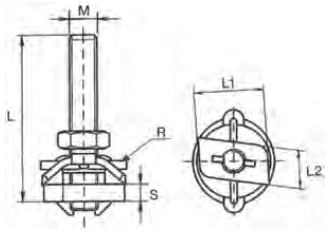
MATERIAL: AISI 304 - 1.4301

CODE	L mm	H mm	B mm	S mm	F daN	F1 daN	Q daN	g		€
231600304	600	160	80	5	75	150	150	2080	1	**282,25**

Versione con tappo di testa montato.
Raccorderie Metalliche garantisce le portate di carico fatto salvo il corretto ancoraggio alla parete.
1 DaN ≈ 1 Kgf

Version with mounted head cap.
Raccorderie Metalliche guarantees the load only in the case of a corrrect wall anchorage.
1 daN ≈ 1 kgf

A 50 50





214 TM/Clip INOX

BULLONE TESTA MARTELLO CON CLIP, DADO E RONDELLA

- HAMMER HEAD BOLT WITH CLIP, NUT AND WASHER
- T-BOLZEN MIT CLIP, GEGENMUTTER UND UNTERLEGSCHEIBE VERZINKT
- BOULON POUR PROFILE AVEC CLIP
- TORNILLO GUÍA CON TUERCA Y ARANDELA

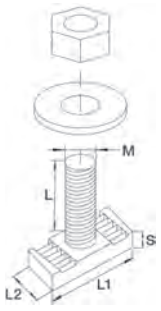
MATERIAL: AISI 316 - 1.4401

For fixing rails: 27/18 - 30/15 - 32/20

CODE	M	L mm	L1 mm	L2 mm	S mm	R mm	g			€
214008040I	M 8	40	23	13,5	5	ø 25 thk 2,5	34	10*	100	**11,99**
214010040I	M 10	40	23	13,5	5	ø 25 thk 2,5	48	10*	100	**15,87**

(*) unità minima di vendita / minimum selling quantity

A 50 50





214 TMP INOX

BULLONE TESTA MARTELLO PER PROFILO

- HAMMER HEAD BOLT FOR FIXING RAIL
- T-BOLZEN FÜR PROFIL
- BOULON POUR PROFILE
- TORNILLO GUÍA

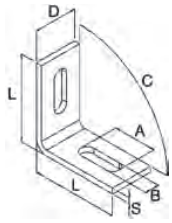
MATERIAL: AISI 304 - 1.4301

For fixing rails: 41/41

CODE	Description	M	L mm	L1 mm	L2 mm	S mm	g			€
214008041I	con dado, rondella ø 10,5-40 sp. 3 with nut, washer ø 10,5-40 thk 3	M 8	30	34	21	5	62	20*	100	**9,90**
214010041I		M 10	30	34	21	5	78	10*	100	**10,15**

(*) unità minima di vendita / minimum selling quantity

A 50 50





158/212

ANGOLARE PER PROFILO

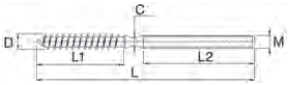
- CONNECTION PLATE
- MONTAGE-WINKEL
- EQUERRE
- ESCUADRA DE MONTAJE

MATERIAL: AISI 304 - 1.4301

For fixing rails: 27/18

CODE	L mm	S mm	A mm	B mm	degrees	D mm	g		€
158212045	50	5	25	10	135°	25	78	100	**16,37**
158212090	54	5	25	10	90°	25	78	100	**16,37**

A 50 50





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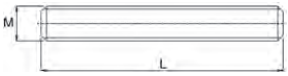
VITE FERROLEGNO

- BOLT-WOOD SCREW
- HOLZSCHRAUBE
- VIS DOUBLE FILET
- TORNILLO DOBLE ROSCA

MATERIAL: AISI 304 - 1.4301

CODE	M	L mm	L1 mm	L2 mm	C mm	D mm	g		€
158216008	M 8	100	63	23	5	8	27	100	**2,56**
158216010	M 10	120	60	45	7	10	54	100	**3,80**

A 50 50





158/219

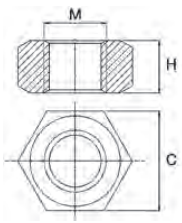
TRONCHETTO FILETTATO

- THREADED ROD
- GEWINDESTANGE
- TIGE FILETÉE
- ESPÁRRAGO SEPARADOR

MATERIAL: AISI 304 - 1.4301

CODE	M	L mm	g		€
158219008	M 8	30	10	500	**7,35**
158219010	M 10	30	14	400	**9,76**

A 50 50





158/215

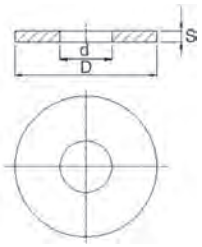
DADO ESAGONALE MEDIO

- BACK NUT
- 6-KANT GEGENMUTTER
- ÉCROU HEXAGONAL
- TUERCA HEXAGONAL

MATERIAL: AISI 304 - 1.4301

CODE	M	C mm	H mm	g		€
158215008	M 8	13	6,5	4	100	**2,15**
158215010	M 10	17	8	10	100	**2,40**

A 50 50





158/218

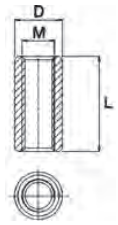
RONDELLA PIANA

- WASHER
- UNTERLEGSCHEIBE
- RONDELLE
- ARANDELA PLANA

NORM: DIN 9021
MATERIAL: AISI 304 - 1.4301

CODE	M	D mm	d mm	S mm	g		€
158218008	M 8	24	8,4	2	4	100	1,85
158218010	M 10	30	10,5	2,5	12	100	2,33

A 50 50





158/220

MANICOTTO DI CONGIUNZIONE

- STUD CONNECTOR
- EINSCHLAGANKER
- RACCORD DE JONCTION FF
- MANGUITO SEPARADOR

MATERIAL: AISI 304 - 1.4301

CODE	M	D mm	L mm	g		€
158220008	M 8	11	30	12	100	5,90
158220010	M 10	13	30	15	100	6,10

A 50 50





158/264

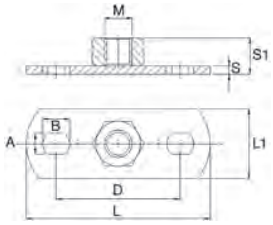
BARRA FILETTATA

- THREADED ROD
- GEWINDESTANGE
- TIGE FILETÉE
- VARILLA ROSCADA

MATERIAL: AISI 304 - 1.4301

CODE	M	L mm	g		€
158264008	M 8	1000	312	50	26,97
158264010	M 10	1000	494	25	42,43

A 50 50





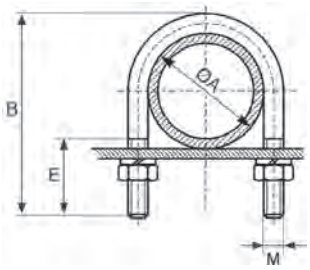
158/263

FLANGIA A MURO

- FIXING FLANGE
- WANDFLANSCHE
- BASE (POINT FIXE) DE FIXATION
- PLETINA FIJACIÓN

MATERIAL: AISI 304 - 1.4301

CODE	M	L mm	L1 mm	S mm	S1 mm	D mm	A x B mm	g		€
158263008	M 8	70	20	2	8,5	53	6,5 x 8,5	26	100	7,19
158263010	M 10	70	20	2	10	53	6,5 x 8,5	30	100	8,38





A 50 50

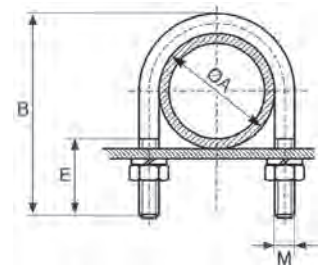
159

CAVALLOTTO PER FISSAGGIO TUBI

- U-BOLT CLAMP
- RUNDSTAHLBÜGEL
- ÉTRIER AVEC ECROUS
- ABARCON

MATERIAL: AISI 304 - 1.4301
NOTE: dado/back nut DIN 934
rondella/washer "grover"

CODE	DN inch	M	A mm	B mm	E mm	g		€
159308304	3/8"	M 6	18	50	35	25	100	**4,38**
159102304	1/2"	M 6	22	53	35	27	100	**4,58**
159304304	3/4"	M 6	28	59	35	31	100	**5,04**
159100304	1"	M 6	34	65	35	34	100	**5,31**
159114304	1"1/4	M 6	43	74	35	39	100	**5,52**
159112304	1"1/2	M 8	49	85	40	80	100	**6,49**
159200304	2"	M 8	61	99	40	94	50	**10,85**
159212304	2"1/2	M 8	77	113	40	109	50	**12,69**
159300304	3"	M 8	90	126	40	122	50	**14,12**
159400304	4"	M 10	115	155	40	235	25	**21,33**
159500304	5"	M 10	144	184	40	281	25	**27,03**
159600304	6"	M 10	170	210	40	323	25	**30,88**
159800304	8"	M 10	221	259	40	401	25	**37,69**
1591000304	10"	M 10	275	313	40	487	25	**43,46**





A 50 50

159/M

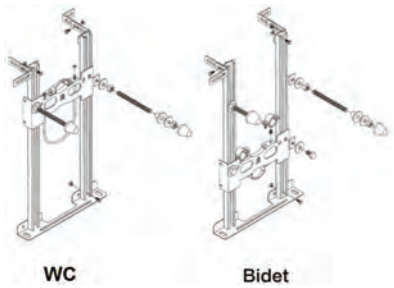
CAVALLOTTO PER FISSAGGIO TUBI

- U-BOLT CLAMP
- RUNDSTAHLBÜGEL
- ÉTRIER AVEC ECROUS
- ABARCON

MATERIAL: AISI 304 - 1.4301
NOTE: dado/back nut DIN 934
rondella/washer "grover"

CODE	D mm	M	A mm	B mm	E mm	g		€
1590038304	38	M 6	39	70	35	37	100	**6,47**
1590054304	54	M 8	55	97	40	91	50	**11,29**
1590065304	65	M 8	66	99	40	95	50	**12,38**
1590070304	70	M 8	71	102	40	98	50	**12,74**
1590084304	84	M 8	85	117	40	113	50	**15,14**
1590104304	104	M 10	105	149	40	224	25	**25,00**
1590129304	129	M 10	130	170	40	259	25	**29,74**
1590154304	154	M 10	155	194	40	297	25	**33,44**
1590204304	204	M 10	206	244	40	377	25	**39,94**
1590254304	254	M 10	256	294	40	456	25	**47,73**
1590304304	304	M 10	306	344	50	536	25	**54,73**
1590354304	354	M 10	356	407	50	627	25	**65,63**

PRATIKO® CLASSIC





Y 30 32

234/235

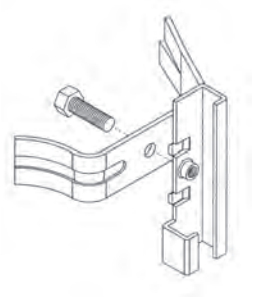
STAFFA PER VASO E BIDET SOSPESO

- SUPPORT FOR WC AND BIDET
- HALTERUNG FÜR WC UND BIDET
- SUPORT DE FIXATION POUR WC ET BIDET SUSPENDU
- SOPORTE WC Y BIDÉ SUSPENDIDOS

CODE	Support wheelbase	g			€
234235000	180 - 230 mm	3796	1	162	**73,59**

DIMENSIONE STRUTTURA: 265 mm base x 600 mm altezza.
STRUTTURA: montanti in profilo 32x20 sp. 2 mm da assiemare in cantiere, zanche inferiori e superiori fissate con vite/tassello.
FINITURA: montanti e traversi zincati.
ACCESSORI: completo di viti ed accessori per lo staffaggio (tubi di cacciata e scarico esclusi).
CARICO MASSIMO: 400 kg (UNI EN 997).

STRUCTURE SIZE: 265 mm width x 600 mm height.
STRUCTURE: vertical rails 32x20 2 mm thk to be assembled on site, upper and lower brackets fixed with screw / plug.
FINISHING: galvanized rails.
ACCESSORIES: complete with screws and accessories for mounting (flush and exhaust pipes excluded).
MAXIMUM LOAD: 400 kg (UNI EN 997).





Y 30 32

234/235 Plus

STAFFA UNIVERSALE PER VASO E BIDET SOSPESO

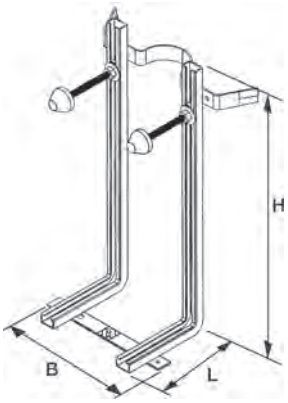
- UNIVERSAL SUPPORT FOR WC AND BIDET UNIVERSAL
- UNIVERSALHALTERUNG FÜR WC UND BIDET
- SUPORT DE FIXATION UNIVERSEL POUR WC ET BIDET SUSPENDU
- SOPORTE UNIVERSAL WC Y BIDÉ SUSPENDIDOS

CODE	Support wheelbase	g			€
234235001	180 - 230 mm	4362	1	160	**75,50**

DIMENSIONE STRUTTURA: 265 mm base x 560 mm altezza, piedi rinforzo L= 190 mm.
STRUTTURA: montanti in profilo 32x20 sp. 2 mm sagomati a "L" da assiemare in cantiere, zanche a murare + zanche per fissaggio con vite/tassello.
FINITURA: montanti e traversi zincati.
ACCESSORI: completo di viti ed accessori per lo staffaggio (tubi di cacciata e scarico esclusi).
CARICO MASSIMO: 400 kg (UNI EN 997).

STRUCTURE SIZE: 265 mm width x 560 mm height, "foot" reinforcement L = 190 mm.
STRUCTURE: vertical rails 32x20 2 mm thk to be assembled on site, clamps to wall brackets for mounting with screw / plug.
FINISHING: galvanized rails.
ACCESSORIES: complete with screws and accessories for mounting (flush and exhaust pipes excluded).
MAXIMUM LOAD: 400 kg (UNI EN 997).

PRATIKO® CLASSIC





Y 30 32

237

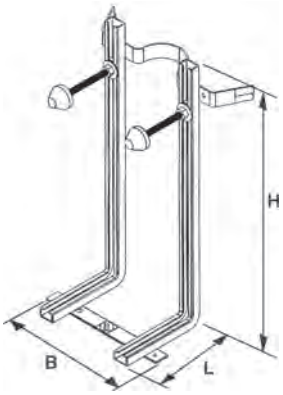
FISSAGGIO COMPONIBILE PER VASO E BIDET

- MODULAR WATER AND BIDET SUPPORT
- ZUSAMMENSETZBAR HALTERUNG FÜR HAENGENDES WC UND BIDET
- SUPORT COMPOSÉ POUR FIXATION WC ET BIDET SUSPENDU
- FIJADOR COMPONIBLE PARA WC Y BIDÉ SUSPENDIDOS

CODE	L mm	B mm	H mm	Support wheelbase	g			€
237000000	190	265	560	180 - 230 mm	2727	1	160	**42,73**

STRUTTURA: montanti in profilo 32x20 sp. 2 mm, sagomati a "L" da assiemare in cantiere, zanche a murare. **FINITURA:** montanti e traversi zincati.
ACCESSORI: completo di viti ed accessori per lo staffaggio. **CARICO MASSIMO:** 400 kg (UNI EN 997).

STRUCTURE: rails 32x20 2 mm thk, "L" shaped to be assembled on site, clamps for wall applications. **FINISHING:** galvanized rails.
ACCESSORIES: complete with screws and accessories for mounting. **MAXIMUM LOAD:** 400 kg (UNI EN 997).





Y 30 32

236/180

FISSAGGIO PER VASO E BIDET SOSPESO (VERSIONE BULLONATA)

- BOLTED WATER AND BIDET SUPPORT
- BEFESTIGUNGSSET FÜR WC UND BIDET
- SUPORT BOULONNÉ POUR FIXATION WC ET BIDET
- FIJADOR ATORNILLADO PARA WC Y BIDÉ SUSPENDIDOS

CODE	Description	L mm	B mm	H mm	Support wheelbase	g			€
236000180	Staffa + kit art. 120236004K Support + kit art. 120236004K	200	265	660	180 mm	2312	1	50	**46,47**

STRUTTURA: montanti in profilo 35x20 sp. 1,5 mm sagomati a "L".
FINITURA: montanti, zanche a murare e traverso in versione zincata. Struttura assiemata attraverso bullonatura.
ACCESSORI: completo di viti ed accessori per lo staffaggio. **CARICO MASSIMO:** 400 kg (UNI EN 997).

STRUCTURE: rails 35x20 1,5 mm thk, "L" shaped.
FINISHING: completely galvanized. Structure assembled through bolting.
ACCESSORIES: complete with screws and accessories for mounting. **MAXIMUM LOAD:** 400 kg (UNI EN 997).

Y 30 32



120/236-237 KIT

KIT PER ART. 237-236/180

- KIT FOR ART. 237-236/180
- SATZ FÜR ARTIKEL 237-236/180
- KIT POUR L'ART. 237-236/180
- KIT PARA ARTÍCULOS 237-236/180

CODE	Description	g			€
120236004K	Kit viteria cappucci + vitoni + slitte in nylon per art. 237000000-236000180 Kit caps + screws + nylon slides for art. 237000000-236000180	470	1	25	**17,28**

PRATIKO® STAR





Y 30 31

234/02

STAFFA DI FISSAGGIO PER BIDET SOSPESO

- BRACKET FOR HANGING BIDET
- HALTERUNG FÜR BIDET
- SUPORT DE FIXATION POUR BIDET SUSPENDU
- SOPORTE FIJADOR PARA BIDÉ SUSPENDIDO

CODE	Support wheelbase	g			€
234000002	180 - 230 mm	3418	1	72	**96,03**

DIMENSIONE STRUTTURA: 440 mm base x 405 mm altezza.
STRUTTURA: montanti e traversi in tubolare (sp. 1,5 mm) incastrati e rivettati con verniciatura finale.
FINITURA: staffe pre-montate e verniciate con polvere termoindurente poliestere.
PIEDINI: altezza regolabile 170 mm.
ACCESSORI: completo di viti ed accessori per lo staffaggio.
CARICO MASSIMO: 400 kg (UNI EN 14528).

STRUCTURE SIZE: 440 mm width x 405 mm height.
STRUCTURE: vertical and horizontal tubular (1,5 mm thk) and riveted stuck with final painting.
FINISHING: brackets pre-assembled and painted with polyester powder paint.
FOOTHOLD: adjustable height 170 mm.
ACCESSORIES: complete with screws and accessories for mounting.
MAXIMUM LOAD: 400 kg (UNI EN 14528).





Y 30 31

235/02

STAFFA DI FISSAGGIO PER VASO SOSPESO

- BRACKET FOR HANGING WATER
- UNIVERSALHALTERUNG FÜR WC
- SUPORT DE FIXATION POUR WC SUSPENDU
- SOPORTE FIJADOR PARA WC SUSPENDIDO

CODE	Support wheelbase	g			€
235000002	180 - 230 mm	2904	1	108	**77,48**

DIMENSIONE STRUTTURA: 305 mm base x 405 mm altezza.
STRUTTURA: montanti in tubolare (sp. 1,5 mm) incastrati e rivettati, traverso in lamiera (sp. 3 mm), con verniciatura finale.
FINITURA: staffe pre-montate e verniciate con polvere termoindurente poliestere.
PIEDINI: altezza regolabile 170 mm.
ACCESSORI: completo di viti ed accessori per lo staffaggio.
CARICO MASSIMO: 400 kg (UNI EN 997).

STRUCTURE SIZE: 305 mm width x 405 mm height.
STRUCTURE: vertical and horizontal tubular (1,5 mm thk) and riveted stuck, transverse plate (3 mm thk) with final painting.
FINISHING: brackets pre-assembled and painted with polyester powder paint.
FOOTHOLD: adjustable height 170 mm.
ACCESSORIES: complete with screws and accessories for mounting.
MAXIMUM LOAD: 400 kg (UNI EN 997).

PRATIKO® STAR





Y 30 31

238/04

STAFFA SLIM PER VASO SOSPESO E CASSETTA AD INCASSO

- SUPPORT FRAME FOR WATER & FLUSHING CISTERN
- SLIMLINEVORWANDMONTAGE FÜR UNTERPUTZSPÜLKASTEN
- SUPORT DE FIXATION POUR WC SUSPENDU AVEC CASSETTE
- SOPORTE FIJADOR WC SUSPENDIDO EMPOTRADO CON TANQUE

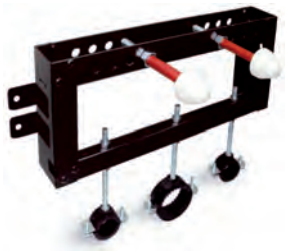
CODE	Support wheelbase	g			€
238000004	180 - 230 mm	4750	1	27	**195,32**

DIMENSIONE STRUTTURA: 580 mm base x 1255 mm altezza x 80 mm ca. spessore (misura compreso cassetta).
STRUTTURA: montanti e traversi in tubolare (sp. 1,5/2 mm) incastrati e rivettati con verniciatura finale.
FINITURA: staffe pre-montate e verniciate con polvere termoindurente poliestere.
PIEDINI: altezza regolabile 170 mm. **ACCESSORI:** completo di viti ed accessori per lo staffaggio.
CARICO MASSIMO: 400 kg (UNI EN 997).
COMPATIBILITÀ: cassette modello Viega (Mono Slim), Geberit (Unica + / Sigma 8), Valsir (Medusa), Pucci (Sara).

STRUCTURE SIZE: 580 mm width x 1255 mm height x 80 mm ca. thickness (measure including flushing cistern).
STRUCTURE: vertical and horizontal tubular (1,5 / 2 mm thk) and riveted stuck with final painting.
FINISHING: brackets pre-assembled and painted with polyester powder paint.
FOOTHOLD: adjustable height 170 mm. **ACCESSORIES:** complete with screws and accessories for mounting.
MAXIMUM LOAD: 400 kg (UNI EN 997).
COMPATIBILITY: model flushing cistern Viega (Mono Slim), Geberit (Unica + / Sigma 8), Valsir (Medusa), Pucci (Sara).

PRATIKO® KOMBI





Y 30 31

234/K

STAFFA DI FISSAGGIO PER LAVABO E BIDET SOSPESO

- SUPPORT FRAME FOR WASHBASIN AND BIDET
- BEFESTIGUNGSWINKEL FÜR WASCHBECKEN UND BIDET
- SUPORT DE FIXATION POUR LAVE-MAINS ET BIDET SUSPENDU
- SOPORTE FIJADOR PARA LAVABO Y BIDÉ SUSPENDIDO

CODE	Support wheelbase	g		€
234239002	130 - 180 - 230 - 280 mm	2946	1	**92,92**

DIMENSIONE STRUTTURA: 395 mm base x 170 mm altezza x 60 mm ca. spessore.
STRUTTURA: montanti (sp. 1,2 mm) e traversi (sp. 1,5/3 mm) in lamiera piegata e tubolare, incastrati e rivettati.
FINITURA: staffe pre-montate e verniciate con polvere termoindurente poliestere.
ACCESSORI: collari per fissaggio attacchi acqua calda/fredda e scarico in versione gomma vulcanizzata.
CARICO MASSIMO: 400 kg (UNI EN 14528).

STRUCTURE SIZE: 395 mm width x 170 mm height x 60 mm ca. thickness.
STRUCTURE: posts (thk 1,2 mm) and transoms (thk 1,5 / 3 mm) bent sheet metal and tubular, stuck and riveted. FINISHING: brackets pre-assembled and painted with polyester powder paint
ACCESSORIES: collars for hot / cold water, drain mounting attacks in vulcanized rubber version
MAXIMUM LOAD: 400 kg (UNI EN 14528).

PRATIKO® TOP

Y 30 31





234

STAFFA DI FISSAGGIO PER BIDET SOSPESO

- BRACKET FOR HANGING BIDET
- HALTERUNG FÜR HAENGENDE BIDET
- SUPORT DE FIXATION POUR BIDET SUSPENDU
- SOPORTE FIJADOR PARA BIDÉ SUSPENDIDO

CODE	Support wheelbase	g			€
234000000	180 - 230 mm	3300	1	100	**103,10**

FINITURA: staffe pre-montate, e verniciate con polvere termoindurente epossipoliestere.
DIMENSIONI: adatto per interasse 180 e 230 mm, spessore delle spalle 3 mm, spessore piastra centrale 2,5 mm.
ACCESSORI: completa di piedini regolabili, kit di fissaggio staffa e kit di fissaggio bidet.
CARICO MASSIMO: 400 kg (UNI EN 14528). **MONTAGGIO:** evitare l'utilizzo di calce in quanto corrosiva. Utilizzare solo cemento puro.
OPTIONAL: staffe di rinforzo da utilizzare nei casi in cui il muro non garantisca sufficiente solidità (art. 234235002).

FINISHING: brackets pre-assembled, painted with thermosetting epoxy powder.
SIZE: suitable for spacing 180 and 230 mm, vertical structure thickness of 3 mm, center plate thickness 2,5 mm.
ACCESSORIES: complete with adjustable feet, kit for fixing and kit for bidet mounting.
MAXIMUM LOAD: 400 kg (UNI EN 14528). **ASSEMBLY:** avoid the use of lime because it is corrosive. Use only pure cement.
OPTIONAL: reinforcing brackets to be used in cases where the wall does not ensure sufficient solidity (art. 234235002).

Y 30 31

Kit per art. 234 - Kit for art. 234

CODE	Description	g			€
120234235K	Kit fissaggio staffa / Kit fixing bracket	264	1	50	**8,01**
120234000K	Kit fissaggio bidet / Kit fixing bidet	186	1	100	**6,02**

CODICE / CODE 120234235K



KIT FISSAGGIO STAFFA KIT BRACKET INSTALLATION	N°	g
Tassello / Plug 10x60	4	264
Dado / Back nut M8	8	
Dado / Back nut M12	6	
Rondella / Washer 36x3 Ø12	6	
Tappo di copertura bianco White cover cap	2	
Dado bianco con rondella White back nut with washer	2	

CODICE / CODE 120234000K



KIT FISSAGGIO BIDET KIT BIDET INSTALLATION	N°	g
Dado / Back nut M6	2	186
Semi collare / Half collar Ø 8 mm	1	
Vite /Screw M6x20	2	
Vite /Screw M8x10	2	
Rondella / Washer Ø 17 mm - foro/hole Ø 8 mm	2	
Collare Ø ½" con viti Collar Ø ½" with screw	2	

PRATIKO® TOP

Y 30 31





235

STAFFA DI FISSAGGIO PER VASO SOSPESO

- BRACKET FOR HANGING WATER
- HALTERUNG FÜR HAENGENDE WC
- SUPORT DE FIXATION POUR WC SUSPENDU
- SOPORTE FIJADOR PARA WC SUSPENDIDO

CODE	Support wheelbase	g			€
235000000	180 - 230 mm	2800	1	100	**103,10**

FINITURA: staffe pre-montate, e verniciate con polvere termoindurente epossipoliestere.
DIMENSIONI: adatto per interasse 180 e 230 mm, spessore delle spalle 3 mm, spessore piastra centrale 2,5 mm.
ACCESSORI: completa di piedini regolabili, kit di fissaggio staffa e kit di fissaggio bidet.
CARICO MASSIMO: 400 kg (UNI EN 997).
MONTAGGIO: evitare l'utilizzo di calce in quanto corrosiva. Utilizzare solo cemento puro.
OPTIONAL: staffe di rinforzo da utilizzare nei casi in cui il muro non garantisca sufficiente solidità (art. 234235002).

FINISHING: brackets pre-assembled, painted with thermosetting epoxy powder.
SIZE: suitable for spacing 180 and 230 mm, vertical structure thickness of 3 mm, center plate thickness 2,5 mm.
ACCESSORIES: complete with adjustable feet, kit for fixing and kit for WC mounting.
MAXIMUM LOAD: 400 kg (UNI EN 997).
ASSEMBLY: avoid the use of lime because it is corrosive. Use only pure cement.
OPTIONAL: reinforcing brackets to be used in cases where the wall does not ensure sufficient solidity (art. 234235002).

Y 30 31

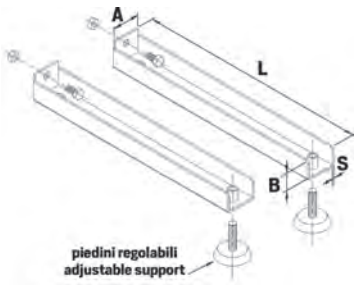
Kit per art. 235 - Kit for art. 235

CODE	Description	g			€
120235000K	Kit fissaggio vaso / Kit fixing WC	112	1	70	**4,52**
120234235K	Kit fissaggio staffa / Kit fixing bracket	264	1	50	**8,01**

CODICE / CODE	KIT FISSAGGIO STAFFA KIT BRACKET INSTALLATION	Nº	g
	Tassello / Plug 10x60	4	264
	Dado / Back nut M8	8	
	Dado / Back nut M12	6	
	Rondella / Washer 36x3 Ø12	6	
	Tappo di copertura bianco White cover cap	2	
	Dado bianco con rondella White back nut with washer	2	

CODICE / CODE	KIT FISSAGGIO VASO KIT WC INSTALLATION	Nº	g
	Dado / Back nut M6	4	112
	Cavallotto / U-bolt M6	1	
	Semi collare / Half collar Ø 8 mm	1	
	Vite /Screw M6x20	2	

PRATIKO® TOP





Y 30 31

235/R

STAFFE DI RINFORZO PER ARTICOLI 234 / 235

- REINFORCEMENT PLATES FOR WATER AND BIDET SUPPORT
- VERSTÄRKUNG PLATTEN FÜR HALTERUNG WC UND BIDET
- PROFILES DE RENFORCE POUR SUPORT DE FIXATION WC ET BIDET SUSPENDU
- SOPORTES DE REFUERZO

CODE	L mm	A mm	B mm	S mm	Adjustable supports mm	g		€
234235002	350	48	30	3	M 10 x 120	1834	1 coppia	**80,18**

Coppia di staffe complete di piedini regolabili e bulloni M8x16.
Couple of brackets complete with adjustable feet and bolts M8x16.



Y 30 31

239/R

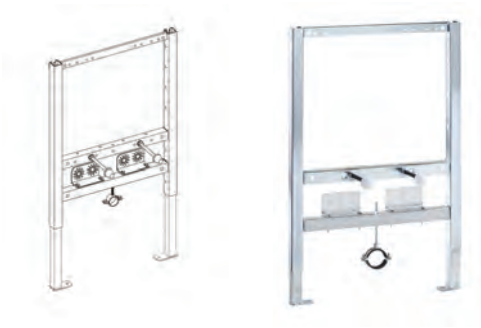
RIDUZIONE 120-100 MM

- 120-100 MM REDUCTION
- REDUKTION 120-100 MM
- RÉDUCTION 120-100 MM
- REDUCCIÓN 120-100 MM

DIMENSION: 120 mm - 100 mm

CODE	g		€
239120100	42	20	**7,47**

PRATIKO® KART



Y 30 31

234/05

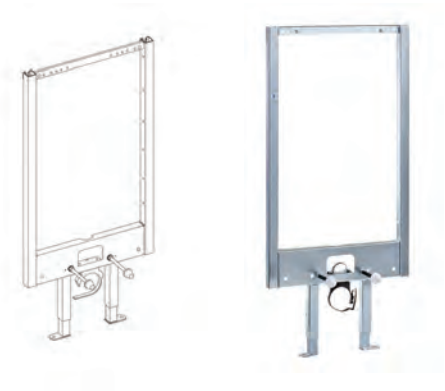
SUPPORTO AUTOPORTANTE BIDET SOSPESO PER PARETI IN CARTONGESSO

- BIDET SELF-SUPPORT FOR PLASTERBOARD WALLS
- MODUL WAND-WC FÜR TROCKENBAUWAND
- SUPORT DE FIXATION POUR BIDET SUSPENDU SUR PAROI EN PLACOPLATRE
- SOPORTE EMPOTRADO AUTOPORTANTE PARA BIDET SUSPENDIDO

CODE	Support wheelbase	g			€
234000005	180 - 230 mm	8300	1	40	**203,69**

DIMENSIONE STRUTTURA: 580 mm base x 770 mm altezza. **FINITURA:** struttura in acciaio completamente zincata.
PIEDINI: altezza regolabile 430 mm ca. **CARICO MASSIMO:** 400 kg (UNI EN 14528).
Curva di scarico esclusa dalla confezione

STRUCTURE SIZE: 580 mm width x 770 mm height. **FINISHING:** steel structure completely galvanized.
FOOTHOLD: adjustable height 430 mm ca. **MAXIMUM LOAD:** 400 kg (UNI EN 14528).
Discharge curve excluded from the package



Y 30 31

235/05

SUPPORTO AUTOPORTANTE VASO SOSPESO PER PARETI IN CARTONGESSO

- WC SELF-SUPPORT FOR PLASTERBOARD WALLS
- MODUL FREIHÄNGENDES BIDET FÜR TROCKENBAUWAND
- SUPORT DE FIXATION POUR WC SUSPENDU SUR PAROI EN PLACOPLATRE
- SOPORTE EMPOTRADO AUTOPORTANTE PARA WC

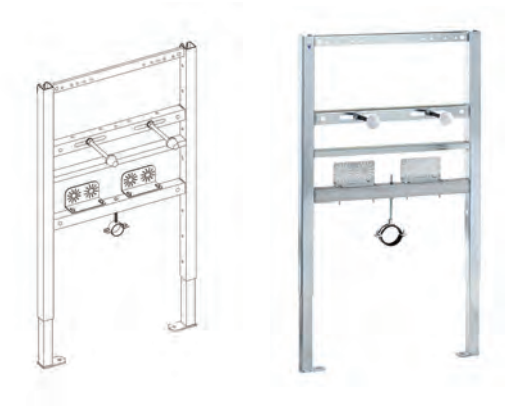
CODE	Support wheelbase	g			€
235000005	180 - 230 mm	9500	1	30	**228,40**

DIMENSIONE STRUTTURA: 580 mm base x 1180 mm altezza. **FINITURA:** struttura in acciaio completamente zincata. **PIEDINI:** altezza regolabile 430 mm ca. **INGOMBRO**: con scarico Ø 90 mm, spessore totale = 90 mm. **CARICO MASSIMO:** 400 kg (UNI EN 997).
COMPATIBILITÀ: cassette modello Geberit (Unica + / Sigma 8), ITS Todini (Evolution), Valsir (Tropea 3, Tropea S), Pucci (Sara), Fais Milani, Kariba (Futura, Monolith), Oliver (Diamante), ISAR, Bampi* (incasso), Nupi *
*utilizzare spezzoni distanziatori M6x100 per fissare cassetta a telaio (non forniti di serie).
Curve di cacciata e di scarico escluse dalla confezione. Usare solamente curva di scarico ø 90 mm.

STRUCTURE SIZE: 580 mm width x 1180 mm height. **FINISHING:** steel structure completely galvanized. **FOOTHOLD:** adjustable height 430 mm ca.
DIMENSIONS: Ø 90 mm with discharge pipe, total thickness = 90 mm. **MAXIMUM LOAD:** 400 kg (UNI EN 997).
COMPATIBILITY: flushing cistern model: Geberit (Unica + / Sigma 8), ITS Todini (Evolution), Valsir (Tropea 3, Tropea S), Pucci (Sara), Fais Milani, Kariba (Futura, Monolith), Oliver (Diamante), ISAR, Bampi* (incasso), Nupi *
*Use threaded rod M6x100 to connect cassette to structure (not supplied as standard).
Curves of expulsion and discharge are excluded from the package. Use only discharge curve ø 90 mm.

PRATIKO® KART

Y 30 31



239/05

SUPPORTO AUTOPORTANTE LAVABO SOSPESO PER PARETI IN CARTONGESSO

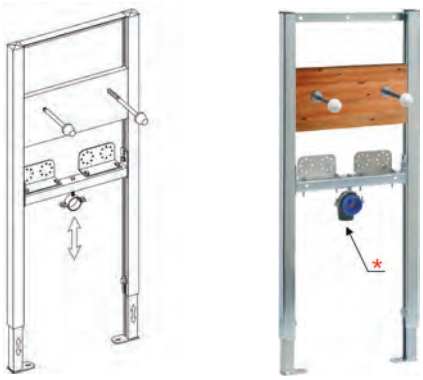
- WASHBASIN SELF-SUPPORT FOR PLASTERBOARD WALLS
- WASCHTISCHMODUL FÜR TROCKENBAUWAND
- SUPORT DE FIXATION POUR LAVE-MAINS SUSPENDU SUR PAROI EN PLACOPLATRE
- SOPORTE EMPOTRADO AUTOPORTANTE PARA LAVABO

CODE	Support wheelbase	g			€
239000005	120 - 330 mm	8900	1	30	**216,03**

DIMENSIONE STRUTTURA: 580 mm base x 980 mm altezza. **FINITURA:** struttura in acciaio completamente zincata. **PIEDINI:** altezza regolabile 430 mm ca. **CARICO MASSIMO:** 150 kg (UNI EN 14688).
Curva di scarico esclusa dalla confezione

STRUCTURE SIZE: 580 mm width x 980 mm height. **FINISHING**: steel structure completely galvanized. **FOOTHOLD:** adjustable height 430 mm ca. **MAXIMUM LOAD:** 150 kg (UNI EN 14688).
Outlet elbow is excluded from the package

Y 30 31



235/001 - 235/002

SUPPORTO AUTOPORTANTE ORINATOIO / VUOTATOIO PER PARETI IN CARTONGESSO

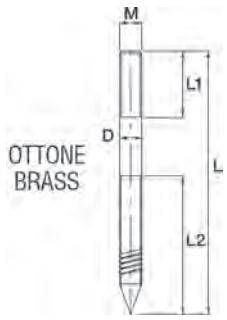
- URINAL/SINK SELF-SUPPORT FOR PLASTERBOARD WALLS
- FLEXIBLES MODUL WASCHTISCH ODER URINAL FÜR TROCKENBAUWAND
- SUPORT DE FIXATION POUR URINOIR/LAVABO SUSPENDU SUR PAROI EN PLACOPLATRE
- SOPORTE EMPOTRADO AUTOPORTANTE PARA URINARIO/ VERTEDERO

CODE	Description	Support wheelbase	g		€
235001005	orinatoio sospeso / urinal	variabile / variable	9800	1	**296,30**
235002005	vuotatoio sospeso / sink	235 mm	8900	1	**228,40**

Cod. 235001005
DIMENSIONE STRUTTURA: 450 base x 1000 mm altezza + 430 mm ca. piedi regolabili. **FINITURA:** struttura in acciaio completamente zincata, fissaggio orinatoio su tavoletta in legno multistrato marino.
Cod. 235002005
DIMENSIONE STRUTTURA: 580 base x 1185 mm altezza + 430 mm ca. piedi regolabili. **FINITURA:** struttura in acciaio completamente zincata. **COMPATIBILITÀ:** vuotatoio modello Brenta (ceramica Dolomite)
(*) Curva di scarico esclusa dalla confezione

Cod. 235001005
STRUCTURE SIZE: 450 width x 1000 mm, height 430 mm ca. adjustable foothold. **FINISHING:** galvanized steel structure, fastening urinal tablet of wood plywood.
Cod. 235002005
STRUCTURE SIZE: 580 width x 1185 mm, height 430 mm ca. adjustable foothold. **FINISHING:** steel structure completely galvanized. **COMPATIBILITY:** slop sink model Brenta (ceramics Dolomite)
(*) Outlet elbow excluded from the package

Y 30 33





253/0

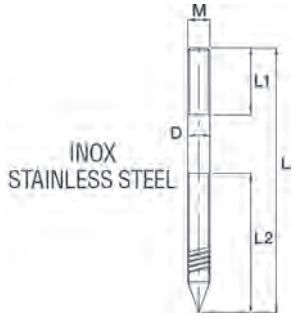
VITE DI FISSAGGIO IN OTTONE PER VASI + BIDET

- FIXING BRASS SCREWS FOR WC AND BIDET
- WC -U. BIDET BEFESTIGUNGS MESSINGSCHRAUBE
- VIS DE FIXATION EN LAITON POUR CUVETTE WC BIDET
- TORNILLOS DE FIJACIÓN EN LATON PARA WC Y BIDET

CODE	M	L mm	L1 mm	L2 mm	D mm	Plug	g			€
253600800	M 6	80	18	40	5	ø 10 x 50 (**)	75	1 kit	50 kit*	**8,34**

(*) unità minima di vendita / minimum selling quantity
Kit: 4 viti ottone M 6 x 80, 4 dadi ciechi M 6, 4 tasselli 10 x 50, 4 bussole in plastica; (**) tassello codice 252100500
Kit: 4 brass screws M6 x 80, 4 nuts M6, 4 plugs 10 x 50, 4 plastic bushes; (**) plug code 252100500

Y 30 33





253/I

VITE DI FISSAGGIO INOX PER VASI + BIDET

- FIXING INOX SCREWS FOR WC AND BIDETS
- WC – U. BIDET BEFESTIGUNGS INOX SCHRAUBEN
- VIS DE FIXATION EN INOX POUR CUVETTE WC BIDET
- TORNILLOS DE FIJACIÓN INOX PARA WC Y BIDET

CODE	M	L mm	L1 mm	L2 mm	D mm	Plug	g			€
253600801	M 6	80	18	40	5	ø 10 x 50 (**)	106	1 kit	50 kit*	**6,53**

(*) unità minima di vendita / minimum selling quantity
Kit: 4 viti inox M 6 x 80, 4 dadi ciechi M 6, 4 tasselli 10 x 50, 4 bussole in plastica; (**) tassello codice 252100500
Kit: 4 stainless steel screws M6 x 80, 4 nuts M6, 4 plugs 10 x 50, 4 plastic bushes; (**) plug code 252100500

Y 30 33





253/T

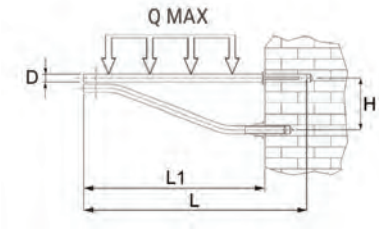
VITE DI FISSAGGIO TROPICALIZZATA PER VASI + BIDET

- FIXING TROPICALIZED SCREWS FOR WC AND BIDET
- WC – U. BIDET BEFESTIGUNGS SCHRAUBEN
- VIS DE FIXATION POUR CUVETTE WC BIDET
- TORNILLOS DE FIJACIÓN ACERO PARA WC Y BIDET

CODE	M	L mm	L1 mm	L2 mm	D mm	Plug	g			€
253600802	6	80	18	40	5	ø 10 x 50 (**)	75	1 kit	50 kit*	**5,73**

(*) unità minima di vendita / minimum selling quantity
Kit: 4 viti acciaio al carbonio tropicalizzato M 6 x 80, 4 dadi ciechi M 6, 4 tasselli 10 x 50, 4 bussole in plastica; (**) tassello codice 252100500
Kit: 4 screws carbon steel tropicalized M6 x 80, 4 nuts M6, 4 plugs 10 x 50, 4 plastic bushes; (**) Plug code 252100500

Y 30 33





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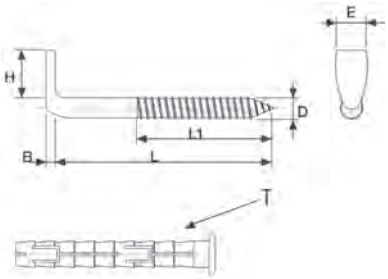
COPPIA DI MENSOLE PLASTIFICATE BIANCHE PER LAVABO

- WHITE PLASTIC-COATED BRACKETS FOR WASH BASIN
- WEISSE KUNTSTOFFBESCHICHTETE KONSOLEN FÜR WASCHBECKEN
- CONSOLES PLASTIFIEES BLANCHES POUR LAVABO
- MENSULAS PLASTIFICADAS BIANCAS PARA LAVAMANO

NOTE: Mensole regolabili zincate e verniciate
Adjustable bracket galvanized and painted

CODE	L mm	L1 mm	D mm	H mm	Plug	Q MAX (capacity) kg	g		€
254340000	345	250	12	100	ø 15 x 90	90	1233	15	**43,28**
254460000	465	370	12	160	ø 15 x 90	80	1690	15	**45,35**

Y 30 33





265

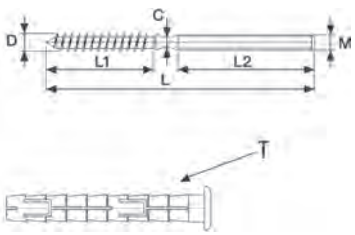
CODETTE FISSAGGIO SCALDABAGNO

- BOILER CLAMPING ELEMENTS
- BOILER- BEFESTIGUNGSELEMENT
- VIS DE FIXATION DE CHAUFFE EAU
- ALCAYATA FIJACIÓN CALENTADOR

CODE	L mm	L1 mm	B mm	D mm	E mm	H mm	T mm	g			€
265800700	64	40	3	8	11	18	ø 10 x 70 art.252100700	60	1 kit	100 kit*	**1,83**
265100800	74	58	4	10	14	22	ø 14 x 70 art.252140700	92	1 kit	50 kit*	**2,14**
265100100	94	58	4	10	14	22	ø 14 x 70 art.252140700	112	1 kit	50 kit*	**2,42**

(*) unità minima di vendita / minimum selling quantity
Kit: 2 codette, 2 tasselli.
Kit: 2 boiler clampings, 2 plugs.

Y 30 33





266

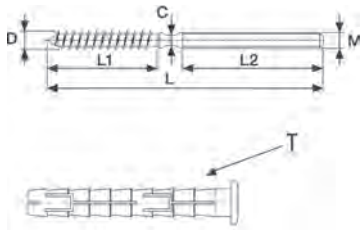
FISSALAVABO

- WASH-BASIN CLAMP
- WASCHTISCHBEFESTIGUNG
- VIS DE FIXATION DE LAVABO
- FIJACIÓN PARA LAVABO

CODE	M	L mm	L1 mm	L2 mm	C mm	D mm	T mm	White plastic ring mm	g			€
266800900	M 8	100	65	23	5	8	ø 10 x 70 art. 252100700	Øe=39 mm L= 17 mm	79	1 kit	50 kit*	**2,07**
266100120	M 10	120	60	45	7	10	ø 14 x 70 art. 252140700	Øe=39 mm L= 17 mm	152	1 kit	40 kit*	**2,62**
266100140	M 10	140	60	45	7	10	ø 14 x 70 art. 252140700	Øe=39 mm L= 17 mm	16	1 kit	40 kit*	**4,45**
266100180	M 10	180	60	75	7	10	ø 14 x 70 art. 252140700	Øe=39 mm L= 17 mm	208	1 kit	20 kit*	**6,10**
266100250	M 10	220	60	45	7	10	ø 14 x 70 art. 252140700	Øe=39 mm L= 17 mm	245	1 kit	20 kit*	**8,74**

(*) unità minima di vendita / minimum selling quantity
Kit: 2 viti, 2 dadi, 2 tasselli, 2 ghiere bianche in plastica sagomate.
Kit: 2 screws, 2 nuts, 2 plugs, 2 white rings in shaped plastic.

Y 30 33





267

FISSA SANITARIO A PARETE

- WALL SANITARY CLAMP
- WAND- SANITARBEFESTIGUNG
- VIS DE FIXATION DE LAVABO ET DE CHAUFFE EAU AVEC ECROU NYLON
- FIJACIÓN PARA SANITARIO DE MURO

CODE	M	L mm	L1 mm	L2 mm	C mm	D mm	T mm	White plastic ring mm	g			€
267100120	M 10	120	45	60	7	10	ø 14 x 70 art. 252140700	Øe=39 mm L= 33 mm Ex=17 mm	131	1 kit	40 kit*	**3,80**
267100140	M 10	140	70	60	8,5	10	ø 14 x 70 art. 252140700	Øe=39 mm L= 33 mm Ex=17 mm	15	1 kit	40 kit*	**4,83**

(*) unità minima di vendita / minimum selling quantity
Kit: 2 viti, 2 tasselli, 2 ghiere filettate bianche in plastica, sagomate con l'impronta della chiave di serraggio.
Kit: 2 screws, 2 plugs, 2 threaded rings in white plastic, shaped with the imprint of the torque wrench.

Y 30 33



269/N

ELEMENTO DI FISSAGGIO ORIZZONTALE WC/BIDET IN NYLON

- NYLON WC/BIDET HORIZONTAL CLAMPING ELEMENT
- WC/BIDET BEFESTIGUNGSELEMENT AUS NYLON, HORIZONTAL
- ÉLÉMENT DE FIXATION HORIZONTAL POUR WC/BIDET EN NYLON
- ELEMENTO DE FIJACIÓN HORIZONTAL WC/BIDET EN NYLON

CODE	Plug	Screw	g			€
269500500	ø 10 x 50	ø 7 x 60	90	1 kit	40	**8,67**

NOTE



Tappi e accessori per radiatori

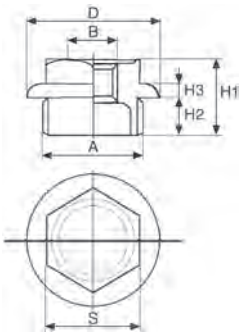
PLUGS AND ACCESSORIES FOR RADIATORS

STOPFEN UND HEIZKÖRPERZUBEHÖRE

BOUCHONS ET RÉDUCTIONS EN ACIER AU CARBONE POUR RADIATEURS

TAPONES Y ACCESORIOS PARA RADIADORES

G 10 11





211/42

TAPPO ZINCATO SERIE 1" CON FLANGIA Ø 42

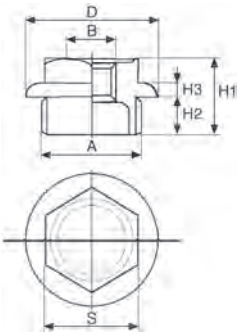
- GALVANIZED PLUG RANGE 1" WITH Ø 42 FLANGE
- VERZINKT STAHLSTOPFEN 1" MIT FLANSCH Ø 42
- BOUCHON RADIATEURS GALVANISÉ, SERIE 1" BRIDE Ø 42
- TAPÓN GALVANIZADO SERIE 1" CON BRIDA Ø 42

THREAD: ISO 228/1 (ex DIN 259)
USE: radiatori alluminio
aluminum radiators
RECOMMENDED SEAL: senza amianto
asbestos free
art. 950/A sp. 2 mm

CODE	A inch	B inch	Version	D mm	H1 mm	H2 mm	H3 mm	S mm	g			€
211100001	1"	-	dx	42	22,6	12,6	4	32	93	100	9600	**2,11**
211100002	1"	-	sx	42	22,6	12,6	4	32	93	100	9600	**2,11**
211100181	1"	1/8"	dx	42	22,6	12,6	4	32	100	100	9600	**2,47**
211100182	1"	1/8"	sx	42	22,6	12,6	4	32	100	100	9600	**2,47**
211100381	1"	3/8"	dx	42	22,6	12,6	4	32	88	100	9600	**2,47**
211100382	1"	3/8"	sx	42	22,6	12,6	4	32	88	100	9600	**2,47**
211100121	1"	1/2"	dx	42	22,6	12,6	4	32	76	100	9600	**2,81**
211100122	1"	1/2"	sx	42	22,6	12,6	4	32	76	100	9600	**2,81**
211100341	1"	3/4"	dx	42	22,6	12,6	4	32	67	100	9600	**4,10**
211100342	1"	3/4"	sx	42	22,6	12,6	4	32	67	100	9600	**4,10**

La garanzia della tenuta dei tappi vale soltanto con le guarnizioni consigliate da RM.
The guarantee of plugs seal is valid only with the recommended gasket by RM.

G 10 11





401/56

TAPPO ZINCATO SERIE 1"1/4 CON FLANGIA Ø 56

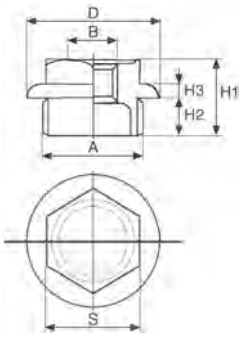
- GALVANIZED PLUG RANGE 1" 1/4 WITH Ø 56 FLANGE
- VERZINKT STAHLSTOPFEN 1" 1/4 MIT FLANSCH Ø 56
- BOUCHON RADIATEURS GALVANISÉ, SERIE 1" 1/4 BRIDE Ø 56
- TAPÓN GALVANIZADO SERIE 1" 1/4 CON BRIDA Ø 56

THREAD: ISO 228/1 (ex DIN 259)
USE: radiatori ghisa / tubolari
cast iron / tubolar radiators
RECOMMENDED SEAL: senza amianto
asbestos free
art. 950/A sp. 2 mm

CODE	A inch	B inch	Version	D mm	H1 mm	H2 mm	H3 mm	S mm	g			€
401114001	1"1/4	-	dx	56	25,5	13,6	4	40	158	50	4800	**4,69**
401114002	1"1/4	-	sx	56	25,5	13,6	4	40	158	50	4800	**4,69**
401114141	1"1/4	1/4"	dx	56	25,5	13,6	4	40	156	50	4800	**5,17**
401114142	1"1/4	1/4"	sx	56	25,5	13,6	4	40	156	50	4800	**5,17**
401114381	1"1/4	3/8"	dx	56	25,5	13,6	4	40	154	50	4800	**5,17**
401114382	1"1/4	3/8"	sx	56	25,5	13,6	4	40	154	50	4800	**5,17**
401114121	1"1/4	1/2"	dx	56	25,5	13,6	4	40	148	50	4800	**5,32**
401114122	1"1/4	1/2"	sx	56	25,5	13,6	4	40	148	50	4800	**5,32**
401114341	1"1/4	3/4"	dx	56	25,5	13,6	4	40	146	50	4800	**5,96**
401114342	1"1/4	3/4"	sx	56	25,5	13,6	4	40	146	50	4800	**5,96**
401114101	1"1/4	1"	dx	56	25,5	13,6	4	40	130	50	4800	**12,19**
401114102	1"1/4	1"	sx	56	25,5	13,6	4	40	130	50	4800	**12,19**

La garanzia della tenuta dei tappi vale soltanto con le guarnizioni consigliate da RM.
The guarantee of plugs seal is valid only with the recommended gasket by RM.

G 10 11





103

TAPPO VERNICIATO SU BASE ZINCATA SERIE 1" CON FLANGIA PIANA Ø 42

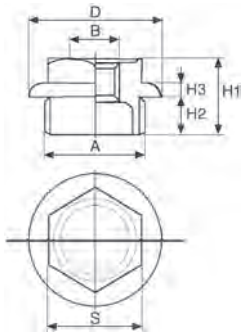
- GALVANIZED AND PAINTED PLUG RANGE 1" WITH PLANE FLANGE Ø 42
- VERZINKT UND LACKIERTE STAHLSTOPFEN 1" MIT GLATTFLANSCH Ø 42
- BOUCHON RADIATEURS GALVANISÉ ET VERNIS, SERIE 1" BRIDE PLATE Ø 42
- TAPÓN GALVANIZADO/PINTADO SERIE 1" CON BRIDA Ø 42 PLANA

THREAD: ISO 228/1 (ex DIN 259)
USE: radiatori alluminio / aluminum radiators
RECOMMENDED SEAL: senza amianto/asbestos free art. 950/A sp. 2 mm
COLOUR: RAL 9010

CODE	A inch	B inch	Version	D mm	H1 mm	H2 mm	H3 mm	S mm	g			€
103100001	1"	-	dx	42	22,6	12,6	4	32	103	40	7280	**2,44**
103100002	1"	-	sx	42	22,6	12,6	4	32	103	40	7280	**2,44**
103100181	1"	1/8"	dx	42	22,6	12,6	4	32	100	40	7280	**2,90**
103100182	1"	1/8"	sx	42	22,6	12,6	4	32	100	40	7280	**2,90**
103100141	1"	1/4"	dx	42	22,6	12,6	4	32	96	40	7280	**2,90**
103100142	1"	1/4"	sx	42	22,6	12,6	4	32	96	40	7280	**2,90**
103100381	1"	3/8"	dx	42	22,6	12,6	4	32	92	40	7280	**2,90**
103100382	1"	3/8"	sx	42	22,6	12,6	4	32	92	40	7280	**2,90**
103100121	1"	1/2"	dx	42	22,6	12,6	4	32	89	40	7280	**3,36**
103100122	1"	1/2"	sx	42	22,6	12,6	4	32	89	40	7280	**3,36**
103100341	1"	3/4"	dx	42	22,6	12,6	4	32	72	40	7280	**5,11**
103100342	1"	3/4"	sx	42	22,6	12,6	4	32	72	40	7280	**5,11**

La garanzia della tenuta dei tappi vale soltanto con le guarnizioni consigliate da RM.
The guarantee of plugs seal is valid only with the recommended gasket by RM.

G 10 11





109/42

TAPPO VERNICIATO SU BASE ZINCATA SERIE 1" CON FLANGIA Ø 42

- GALVANIZED AND PAINTED PLUG RANGE 1" WITH FLANGE Ø 42
- VERZINKT UND LACKIERTE STAHLSTOPFEN 1" MIT FLANSCH Ø 42 UND DICHTUNG
- BOUCHON RADIATEURS GALVANISÉ ET VERNIS, SERIE 1" BRIDE Ø 42
- TAPÓN GALVANIZADO/PINTADO SERIE 1" CON BRIDA Ø 42

THREAD: ISO 228/1 (ex DIN 259)
USE: radiatori alluminio / aluminum radiators
GASKET: montata sotto la flangia, resistente a + 120° C mounted under the flange, resistant till +120° C
COLOUR: RAL 9010

CODE	A inch	B inch	Version	D mm	H1 mm	H2 mm	H3 mm	S mm	g			€
109100001	1"	-	dx	42	22,6	12,6	4	28	112	40	7280	**3,08**
109100002	1"	-	sx	42	22,6	12,6	4	28	112	40	7280	**3,08**
109100141	1"	1/4"	dx	42	22,6	12,6	4	28	108	40	7280	**3,39**
109100142	1"	1/4"	sx	42	22,6	12,6	4	28	108	40	7280	**3,39**
109100381	1"	3/8"	dx	42	22,6	12,6	4	28	103	40	7280	**3,39**
109100382	1"	3/8"	sx	42	22,6	12,6	4	28	103	40	7280	**3,39**
109100121	1"	1/2"	dx	42	22,6	12,6	4	28	96	40	7280	**4,10**
109100122	1"	1/2"	sx	42	22,6	12,6	4	28	96	40	7280	**4,10**
109100341	1"	3/4"	dx	42	22,6	12,6	4	32	97	40	7280	**5,66**
109100342	1"	3/4"	sx	42	22,6	12,6	4	32	97	40	7280	**5,66**

ATTENZIONE! / *ATTENTION!*

OK



NO

G 10 12



105/42-975

KIT UNIVERSALE PER RADIATORI ALLUMINIO 1" FLANGIA Ø 42 (CON VALVOLA DI SCARICO ART. 975/G)

- UNIVERSAL KIT FOR ALUMINUM RADIATORS 1" SERIES, Ø 42 FLANGE
- UNIVERSAL-KIT FÜR RADIATOREN AUS ALUMINUM 1" MIT FLANSCH Ø 42
- KIT UNIVERSEL RADIATEURS ALUMINUM, SERIE 1" BRIDE Ø 42
- KIT UNIVERSAL PARA RADIADORES ALUMINIO 1" CON BRIDA Ø 42

THREAD: ISO 228/1 (ex DIN 259)
USE: radiatori alluminio / aluminum radiators
COLOUR: RAL 9010

CODE	Measure	Description	g			€
105100308	1" x 3/8"	nº 2 rid. DX + nº 2 rid. SX con guarnizione montata nº 1 valvola art. 975/G + nº 1 tappo ottone capp. bianco da 3/8" nº 2 red. DX + nº 2 red. SX with mounted gasket nº 1 air vent art. 975/G + nº 1 plug with white cap 3/8"	369	30	2100	**18,67**
105100102V	1" x 1/2"	nº 2 rid. DX + nº 2 rid. SX con guarnizione montata nº 1 valvola art. 975/G + nº 1 tappo ottone capp. bianco da 1/2" nº 2 red. DX + nº 2 red. SX with mounted gasket nº 1 air vent art. 975/G + nº 1 plug with white cap 1/2"	360	30	2100	**18,96**

G 10 12



105/42-979

KIT UNIVERSALE PER RADIATORI ALLUMINIO 1" FLANGIA Ø 42 (CON VALVOLA DI SCARICO ART. 979)

- UNIVERSAL KIT FOR ALUMINUM RADIATORS 1" SERIES, Ø 42 FLANGE
- UNIVERSAL-KIT FÜR RADIATOREN AUS ALUMINUM 1" MIT FLANSCH Ø 42
- KIT UNIVERSEL RADIATEURS ALUMINUM, SERIE 1" BRIDE Ø 42
- KIT UNIVERSAL PARA RADIADORES ALUMINIO 1" CON BRIDA Ø 42

THREAD: ISO 228/1 (ex DIN 259)
USE: radiatori alluminio / aluminum radiators
COLOUR: RAL 9010

CODE	Measure	Description	g			€
105100308T*	1" x 3/8"	nº 2 rid. DX + nº 2 rid. SX con guarnizione montata nº 1 valvola art. 979 con chiave in nylon nº 1 tappo ottone cappuccio bianco da 3/8" nº 2 red. DX + nº 2 red. SX with mounted gasket nº 1 air vent art. 979 with nylon key nº 1 plug with white cap 3/8"	422	30	1080	**19,06**
105100102	1" x 1/2"	nº 2 rid. DX + nº 2 rid. SX con guarnizione montata nº 1 valvola art. 979 con chiave in nylon nº 1 tappo ottone cappuccio bianco da 1/2" nº 2 red. DX + nº 2 red. SX with mounted gasket nº 1 air vent art. 979 with nylon key nº 1 plug with white cap 1/2"	341	30	2100	**19,40**

(*) disponibile fino ad esaurimento scorte / available while supplies last / Lieferbar solange der Vorrat zu Verfügung steht – die Fertigung wurde eingestellt / disponible jusqu'à épuisement des stocks / disponible hasta finalizar existencias.

G 10 12



105/42-979 Z

KIT UNIVERSALE PER RADIATORI ALLUMINIO 1" FLANGIA Ø 42 ZINCATO (CON VALVOLA DI SCARICO ART. 979)

- UNIVERSAL KIT FOR ALUMINUM RADIATORS 1" SERIES - GALVANIZED, Ø 42 FLANGE
- UNIVERSAL-KIT FÜR RADIATOREN AUS ALUMINUM 1" MIT FLANSCH Ø 42 - VERZINKT
- KIT UNIVERSEL RADIATEURS ALUMINUM - GALVANISÉ, SERIE 1" BRIDE Ø 42
- KIT UNIVERSAL PARA RADIADORES ALUMINIO 1" CON BRIDA Ø 42 - GALVANIZADO

THREAD: ISO 228/1 (ex DIN 259)
USE: radiatori alluminio / aluminum radiators

CODE	Measure	Description	g			€
105100102Z	1" x 1/2"	nº 2 rid. DX + nº 2 rid. SX con guarnizione montata nº 1 valvola art. 979 con chiave in nylon nº 1 tappo ottone cappuccio bianco da 1/2" nº 2 red. DX + nº 2 red. SX with mounted gasket nº 1 air vent art. 979 with nylon key nº 1 plug with white cap 1/2"	344	30	1080	**19,24**

G 10 12



105/56

KIT UNIVERSALE RADIATORI TUBOLARI ACCIAIO 1"1/4 FLANGIA Ø 56

- UNIVERSAL KIT FOR TUBOLAR RADIATORS 1"1/4 SERIES, Ø 56 FLANGE
- UNIVERSAL-KIT FÜR RADIATOREN RÖHRENFÖRMIGE AUS STAHL 1"1/4 MIT FLANSCH Ø 56
- KIT UNIVERSEL RADIATEURS TUBULAIRE DE ACIER, SERIE 1"1/4 BRIDE Ø 56
- KIT UNIVERSAL PARA RADIADORES TUBULARES ACERO 1"1/4 BRIDA Ø 56 PINTADO

THREAD: ISO 228/1 (ex DIN 259)
USE: radiatori ghisa / tubolari - cast iron / tubolar radiators
COLOUR: RAL 9010

CODE	Measure	Description	g			€
105114308	1" 1/4 x 3/8"	nº 2 rid. DX + nº 2 rid. SX con guarnizione montata nº 1 valvola art. 975/G + nº 1 tappo ottone capp. bianco da 3/8" nº 2 red. DX + nº 2 red. SX with mounted gasket nº 1 air vent art. 975/G + nº 1 plug with white cap 3/8"	700	20	720	**41,60**
105114102	1" 1/4 x 1/2"	nº 2 rid. DX + nº 2 rid. SX con guarnizione montata nº 1 valvola art. 979 con chiave in nylon nº 1 tappo ottone cappuccio bianco da 1/2" nº 2 red. DX + nº 2 red. SX with mounted gasket nº 1 air vent art. 979 with nylon key nº 1 plug with white cap 1/2"	660	20	720	**42,59**

G 10 12



106/42

KIT UNIVERSALE PER RADIATORI ALLUMINIO 1" FLANGIA Ø 42 + MENSOLE

- UNIVERSAL KIT FOR ALUMINUM RADIATORS 1" SERIES, Ø 42 FLANGE + BRACKETS
- UNIVERSAL-KIT FÜR RADIATOREN AUS ALUMINUM 1" MIT FLANSCH Ø 42 + KONSOLEN
- KIT UNIVERSEL RADIATEURS ALUMINUM, SERIE 1" BRIDE Ø 42 + SUPPORTS
- KIT UNIVERSAL DE ALUMINIO RADIADOR 1 "BRIDA DE Ø 42 + ESTANTES

THREAD: ISO 228/1 (ex DIN 259)
USE: radiatori alluminio / aluminum radiators
COLOUR: RAL 9010

CODE	Measure	Description	g			€
10610038MS	1" x 3/8"	nº 2 rid. DX + nº 2 rid. SX con guarnizione montata nº 1 valvola art. 975/G + nº 1 tappo ottone capp. bianco da 3/8" nº 2 mensole MA schiacciate 7x170 nº 2 red. DX + nº 2 red. SX with mounted gasket nº 1 air vent art. 975/G + nº 1 plug with white cap 3/8" nº 2 pressed brackets MA 7x170	471	20	960	**27,88**
10610012MS	1" x 1/2"	nº 2 rid. DX + nº 2 rid. SX con guarnizione montata nº 1 valvola art. 979 con chiave in nylon nº 1 tappo ottone capp. bianco da 1/2" nº 2 mensole MA schiacciate 7x170 nº 2 red. DX + nº 2 red. SX with mounted gasket nº 1 air vent art. 979 with nylon key nº 1 plug with white cap 1/2" nº 2 pressed brackets MA 7x170	451	20	960	**28,32**

G 10 12



105/28

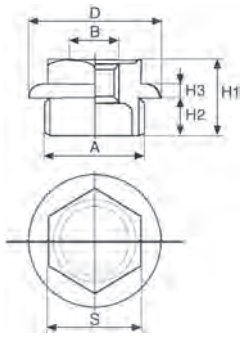
KIT UNIVERSALE ATT. 1/2"

- 1/2" UNIVERSAL KIT
- UNIVERSAL-KIT 1/2"
- KIT UNIVERSEL ATTAQUE 1/2"
- KIT UNIVERSAL 1/2"

THREAD: ISO 228/1 (ex DIN 259)

CODE	Measure	Description	g		€
105102000	1/2"	nº 1 valvola scarico 979 1/2" cod. 979102002 nº 1 tappo ottone con cappuccio bianco 1/2" cod. 104102000 nº 1 airvent plug 979 1/2" code 979102002 nº 1 cap with white cape 1/2 "code 104102000	42	50	**7,14**

G 10 11





104/28

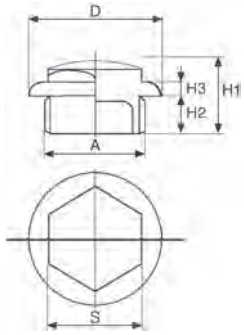
TAPPO IN OTTONE CROMATO SERIE 1/2" CON FLANGIA Ø 28 FILETTO CON TENUTA O-RING

- PLUG CHROM PLATED BRASS RANGE 1/2" WITH FLANGE Ø 28
- MESSINGSTOPFEN 1/2" MIT FLANSCH Ø 28 UND O-RING
- BOUCHON EN LAITON CHROMÉ,SERIE 1/2"AVEC BRIDE Ø 28 ET FILETAGE À ÉTANCHÉITÉ PAR JOINT OR
- TAPÓN EN LATÓN CROMADO SERIE 1/2" CON BRIDA Ø 28 ROSCADA Y JUNTA

THREAD: ISO 228/1 (ex DIN 259)

CODE	A inch	B inch	Version	D mm	H1 mm	H2 mm	H3 mm	S mm	g		€
104102001	1/2"	-	dx	24	13	7	2	22	22	200	**3,24**
104102181	1/2"	1/8"	dx	24	13	7	2	22	24	200	**3,24**
104102141	1/2"	1/4"	dx	24	13	7	2	22	22	200	**3,24**
104102381	1/2"	3/8"	dx	24	13	7	2	22	16	200	**3,24**

G 10 11





104/B

TAPPO IN OTTONE CROMATO CAPPUCCIO BIANCO CON TENUTA O-RING

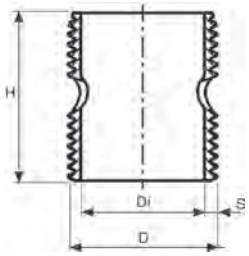
- CRHOMIUM-PLATE BRASS PLUG WITH WHITE CAP
- VERCHROMTE MESSINGSTOPFEN MIT WEISSE DECKEL
- BOUCHON EN LAITON CHROMÉ AVEC CAPUCHON BLANC
- TAPÓN EN LATÓN CROMADO CON CAPUCHA BLANCA

THREAD: ISO 228/1 (ex DIN 259)
O-RING: NBR nero - black - Schwarz - noir - negro

CODE	A inch	Version	D mm	H1 mm	H2 mm	H3 mm	S mm	g			€
104102000	1/2"	dx	24	16,5	7	2	22	15	50	100*	**2,20**

(*) unità minima di vendita / minimum selling quantity

G 10 11





958

NIPPLO IN ACCIAIO PER RADIATORI

- CARBON STEEL NIPPLE FOR RADIATORS
- GEWINDENIPPELN FÜR RADIATOREN
- MAMELON POUR RADIATORS
- CASQUILLO EN ACERO PARA RADIADORES

THREAD: ISO 228/1 (ex DIN 259)

CODE	D inch	Di mm	S mm	H mm	g		€
958100000	1"	25	4	25	52	250	**1,78**
958114000	1"1/4	33	4	27	80	150	**2,02**

G 10 15



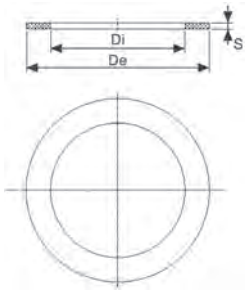
101

CHIAVE IN NYLON PER TAPPI E RIDUZIONI VERNICIATE

- NYLON KEY FOR PLUGS AND REDUCTIONS
- SCHLÜSSEL AUS NYLON FÜR LACKIERTE STAHLSTOPFEN UND REDUZIERTSTUECKE
- CLÉ À BOUCHONS ET RÉDUCTIONS VERNIS EN NYLON
- LLAVE EN NYLON PARA TAPÓNES Y REDUCCIONES PINTADAS

CODE	Description	g		€
101000001	impronte esagonali / hexagonal imprints ø 1/2" - 1" - 1" 1/4	134	50	**22,35**

G 10 14





950/A

GUARNIZIONE SENZA AMIANTO

- ASBESTOS FREE GASKET
- DICHTUNG OHNE ASBEST
- JOINT SANS AMIANTE
- JUNTA SIN AMIANTO

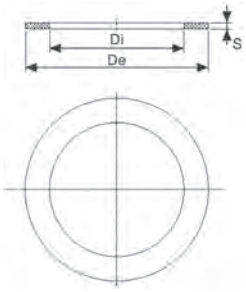
MATERIAL: Fasit® 202 - Doniflex® G-MD

CODE	D inch/mm	De mm	Di mm	S mm	Version	g		€
950102001	1/2" - 28	28	20	2	Fasit® 202	1	100	**0,53**
950304001	3/4" - 34	34	27	2	Fasit® 202	1	100	**0,64**
950111003	1" - 42	42	33	1	Doniflex® G-MD	2	100	**0,61**
950111001	1" - 42	42	33	2	Fasit® 202	2	100	**0,64**
950100001*	1" - 48	48	33	2	Fasit® 202	2	100	**0,72**
950114003	1"1/4 - 56	56	42	1	Doniflex® G-MD	2	100	**0,93**
950114001	1"1/4 - 56	56	42	2	Fasit® 202	2	100	**1,14**

(*) disponibile fino ad esaurimento scorte / available while supplies last / Lieferbar solange der Vorrat zu Verfügung steht – die Fertigung wurde eingestellt / disponible jusqu'à épuisement des stocks / disponible hasta finalizar existencias.
Fasit® 202: Fibre di cellulosa, NBR
IMPIEGHI: Acqua calda e fredda, olii vegetali ed animali, carburanti (no gas)
LIMITI DI TEMPERATURA ORIENTATIVI: Temperatura massima per brevi esposizioni 180° C – Temperatura massima di esercizio continuo per fluidi non aggressivi 150° C – Temperatura massima di esercizio continuo con vapore 120° C
Doniflex® G-MD: fibre aramidiche, grafite naturale, riempitivo inorganico, legante NBR.
IMPIEGHI: è particolarmente adatto per vapore ed acqua calda nonché per caldaie e radiatori.
LIMITI DI TEMPERATURA ORIENTATIVI: Temperatura di esercizio MAX 250° C

Fasit® 202: cellulose fibers, NBR
USES: Hot and cold water, vegetable and animal oils, fuels (no gas)
GUIDELINE TEMPERATURE LIMITS: Maximum temperature for short exposure 180° C – Maximum operating temperature for continuous non-aggressive fluids 150° C – Maximum temperature for continuous operation with steam 120 °C
Doniflex® G-MD: aramid fibres, natural graphite, inorganic fillers, NBR binder.
USES: It is particularly suitable for steam and hotwater supplies as well as for boilers or radiators.
GUIDELINE TEMPERATURE LIMITS: Operating temperature 250° C MAX

G 10 14





950/C

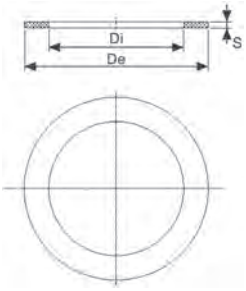
GUARNIZIONE IN CARTONCINO

- THIN CARD
- STEIFPAPIER
- CARTON
- CARTULINA

MATERIAL: lastra di cartoncino / cardboard sheet

CODE	D inch/mm	De mm	Di mm	S mm	g		€
950111002	1" - 42	42	33	0,5	4	200	**0,24**
950114002	1"1/4 - 56	56	42	0,5	1	200	**0,26**

G 10 14





951

GUARNIZIONE ESENTE AMIANTO PER RACCORDI SANITARI

- ASBESTOS FREE GASKET FOR FITTINGS
- DICHTUNG OHNE ASBEST FÜR SANITAER FITTINGE
- JOINT SANS AMIANTE POUR RACCORDS SANITAIRS
- JUNTA EXENTAS DE AMIANTO PARA ACCESORIOS SANITARIOS

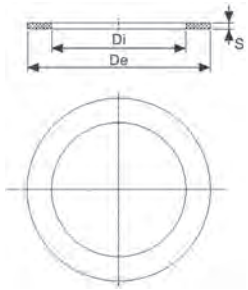
MATERIAL: Fasit® 202

CODE	D inch	De mm	Di mm	S mm	g		€
951308000	3/8"	14,8	9	2	1	1000	**0,22**
951102000	1/2"	18,5	11	2	1	1000	**0,24**
951304000	3/4"	24	16	2	1	1000	**0,24**
951100000	1"	30	21	2	1	1000	**0,26**
951114000	1"1/4	39	30	2	1	100	**0,30**
951112000	1"1/2	44,5	36	2	2	100	**0,40**
951200000	2"	56	43,5	2	2	100	**0,91**

Fasit® 202: Fibre di cellulosa, NBR
IMPIEGHI: Acqua calda e fredda, olii vegetali ed animali, carburanti (no gas)
LIMITI DI TEMPERATURA ORIENTATIVI: Temperatura massima per brevi esposizioni 180° C - Temperatura massima di esercizio continuo per fluidi non aggressivi 150° C - Temperatura massima di esercizio continuo con vapore 120° C

Fasit® 202: cellulose fibers, NBR
USES: Hot and cold water, vegetable and animal oils, fuels (no gas)
GUIDELINE TEMPERATURE LIMITS: Maximum temperature for short exposure 180° C - Maximum operating temperature for continuous non-aggressive fluids 150° C - Maximum temperature for continuous operation with steam 120° C

G 10 14





952

GUARNIZIONE IN GOMMA PER RACCORDI SANITARI

- RUBBER GASKET FOR FITTINGS
- DICHTUNG AUS GUMMI FÜR SANITAER FITTINGE
- JOINT EN CAOUTCHOUC POUR RACCORDS SANITAIRS
- JUNTA EN GOMA PARA ACCESORIOS SANITARIOS

CODE	D inch	De mm	Di mm	S mm	Material	g		€
952308000	3/8"	14,5	10	2	EPDM 80 Shore	1	100	**0,24**
952102000	1/2"	18	12	2		1	100	**0,24**
952304000	3/4"	24	16	2		1	100	**0,24**
952100000	1"	30	24	2	SBR 70 Shore	1	100	**0,28**
952114000	1"1/4	38	30	2		1	100	**0,35**
952112000	1"1/2	44	36	2		2	100	**0,43**
952200000	2"	56	44	2		2	100	**0,97**

G 10 15



226

TAPPO ROSSO, BLU PER PROVA IMPIANTO

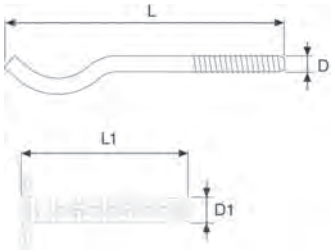
- RED, BLU PLUG FOR PLANT HYDRAULIC TEST
- ROTE, BLAUE STOPFEN FÜR ANLAGEPROBEN
- CAPUCHON ROUGE , BLEU POUR TEST INSTALLATION
- TAPON ROJO, AZUL PARA PRUEBA DE INSTALACION

NOTE: avvitare a mano / tighten with hand

CODE	DN inch	Description	g			€
22600000R	1/2"	tappo rosso / red plug	18	100*	10	**1,44**
22600000B	1/2"	tappo blu / blue plug	18	100*	10	**1,44**

(*) unità minima di vendita / minimum selling quantity

G 10 13





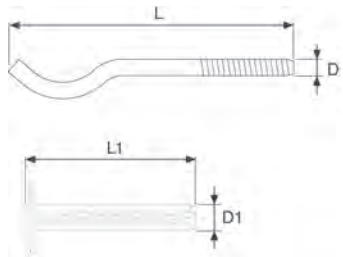
942 M 2-4 Z

MENSOLE ZINCATE PER RADIATORI 2-4 COLONNE

- GALVANIZED ANCHOR BRACKETS FOR 2-4 COLUMNS RADIATORS
- VERZINKTE KONSOLEN FÜR RADIATOREN 2-4 KOLONNE
- SUPPORTS GALVANISÉS POUR RADIATEURS 2 - 4 COLONNES
- ESTANTES GALVANIZADOS PARA RADIADORES 2-4 COLUMNAS

CODE	L mm	D mm	L1 mm	D1 mm	g			€
942240000	205	10,7	86	15	326	40 coppie / pairs	1440 coppie / pairs	**6,56**

G 10 13





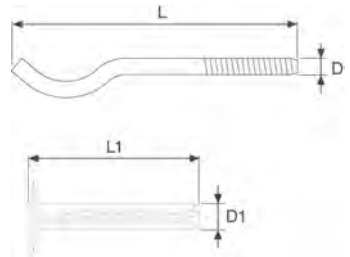
942 M 4-6 Z

MENSOLE ZINCATE PER RADIATORI 4-6 COLONNE

- GALVANIZED ANCHOR BRACKETS FOR 4-6 COLUMNS RADIATORS
- VERZINKTE KONSOLEN FÜR RADIATOREN 4-6 KOLONNE
- SUPPORTS GALVANISÉS POUR RADIATEURS 4-6 COLONNES
- ESTANTES GALVANIZADOS PARA RADIADORES 4-6 COLUMNAS

CODE	L mm	D mm	L1 mm	D1 mm	g			€
942460000	245	10,7	86	15	386	40 coppie / pairs	1440 coppie / pairs	**7,81**

G 10 13





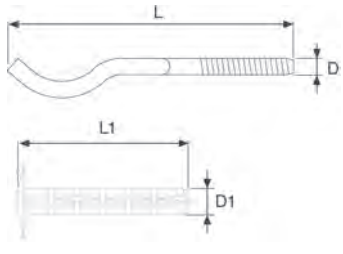
942 MA Z

MENSOLE ZINCATE PER RADIATORI ALLUMINIO

- GALVANIZED BRACKETS FOR ALUMINIUM RADIATORS
- VERZINKTE KONSOLEN FÜR RADIATOREN AUS ALUNIMUN
- SUPPORTS GALVANISÉS POUR RADIATEURS EN ALUMINIUM
- ESTANTES GALVANIZADOS PARA RADIADORES DE ALUMINIO

CODE	L mm	D mm	L1 mm	D1 mm	g			€
942195000	170	8,8	83	12	115	80 coppie / pairs	2880 coppie / pairs	**4,39**

G 10 13





942 MA/S Z

MENSOLE ZINCATE SCHIACCIATE PER RADIATORI ALLUMINIO

- GALVANIZED PRESSED BRACKETS FOR ALUMINIUM RADIATORS
- VERZINKTE GLATTE KONSOLEN FÜR RADIATOREN AUS ALUMINUM
- SUPPORTS GALVANISÉS APLATIS POUR RADIATEURS EN ALUMINIUM
- ESTANTES GALVANIZADOS “APLASTADOS” PARA RADIADORES ALUMINIO

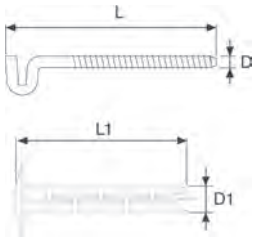
CODE	L mm	D mm	L1 mm	D1 mm	g			€
942195005	170	7	75	10	118	80 coppie / pairs	2880 coppie / pairs	**4,48**
942195001	170	8,8	83	12	175	80 coppie / pairs	2880 coppie / pairs	**4,79**
942245001	245	8,8	83	12	244	40 coppie / pairs	1440 coppie / pairs	**6,07**

G 10 13

942 MU Z

MENSOLE ZINCATE PER RADIATORI LAMELLARI E CALDAIE MURALI

- GALVANIZED BRACKETS FOR STEEL PLATES AND WATER HEATERS
- VERZINKTE KONSOLEN FÜR RADIATOREN UND KESSEL
- SUPPORTS GALVANISÉS POUR RADIATEURS LAMELLAIRES ET CHAUDIÈRES MURALES
- ESTANTES GALVANIZADOS PARA RADIADORES LAMINADOS Y CALDERAS A MURO





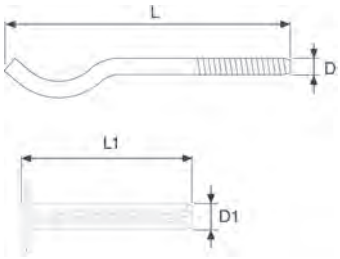
CODE	L mm	D mm	L1 mm	D1 mm	g		€
942130000	130	7	75	10	107	100 coppie / pairs	**6,88**

G 10 13

942 M 2-4 V

MENSOLE VENICIATE PER RADIATORI 2-4 COLONNE

- GALVANIZED & PAINTED ANCHOR BRACKETS FOR 2-4 COLUMNS RADIATORS
- VERZINKTE UND LACKIERTE KONSOLEN FÜR RADIATOREN 2-4 KOLONNE
- SUPPORTS GALVANISÉS/VERNIS POUR RADIATEURS 2-4 COLONNES
- ESTANTES GALVANIZADOS/PINTADOS PARA RADIADORES 2-4 COLUMNAS





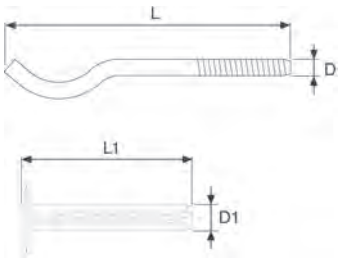
CODE	L mm	D mm	L1 mm	D1 mm	g			€
942240001	205	10,7	86	15	326	40 coppie / pairs	1440 coppie / pairs	**7,92**

G 10 13

942 M 4-6 V

MENSOLE VENICIATE PER RADIATORI 4-6 COLONNE

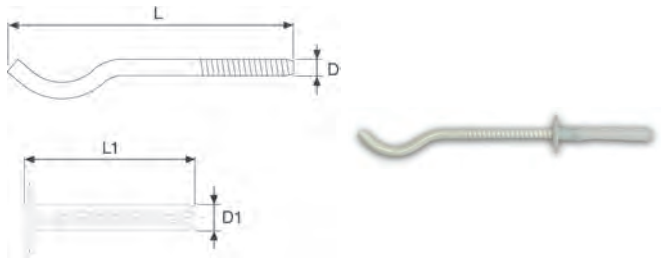
- GALVANIZED & PAINTED ANCHOR BRACKETS FOR 4-6 COLUMNS RADIATORS
- VERZINKTE UND LACKIERTE KONSOLE FÜR RADIATOREN 4-6 KOLONNE
- SUPPORTS GALVANISÉS/VERNIS POUR RADIATEURS 4-6 COLONNES
- ESTANTES GALVANIZADOS/PINTADOS PARA RADIADORES 4-6 COLUMNAS





CODE	L mm	D mm	L1 mm	D1 mm	g			€
942460001	245	10,7	86	15	386	40 coppie / pairs	1440 coppie / pairs	**8,98**

G 10 13



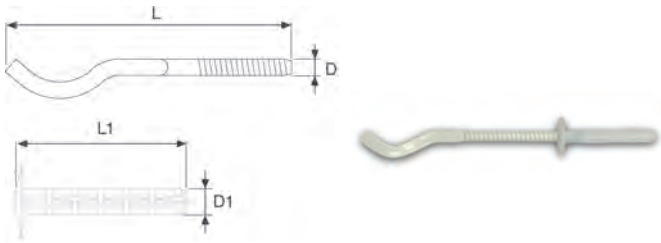
942 MA V

MENSOLE VERNICIATE PER RADIATORI ALLUMINIO

- GALVANISED & PAINTED BRACKETS FOR ALUMINIUM RADIATORS
- VERZINKTE UND LACKIERTE KONSOLEN FÜR RADIATOREN AUS ALUNIMUN
- SUPPORTS GALVANISÉS / VERNIS POUR RADIATEURS EN ALUMINIUM
- ESTANTES GALVANIZADOS/PINTADOS PARA RADIADORES ALUMINIO

CODE	L mm	D mm	L1 mm	D1 mm	g			€
942195006	170	7	75	10	120	80 coppie / pairs	2880 coppie / pairs	**5,66**
942195002	170	8,8	83	12	174	80 coppie / pairs	2880 coppie / pairs	**5,85**

G 10 13



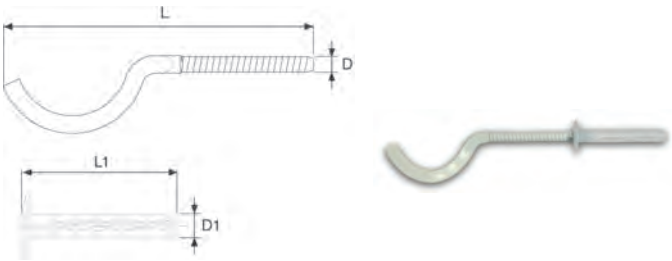
942 MA/S V

MENSOLE VERNICIATE SCHIACCIATE PER RADIATORI ALLUMINIO

- GALVANISED & PAINTED PRESSED BRACKETS FOR ALUMINIUM RADIATORS
- VERZINKTE UND LACKIERTE GLATTE KONSOLEN FÜR RADIATOREN AUS ALUMINUM
- SUPPORTS GALVANISÉS / VERNIS APLATIS POUR RADIATEURS EN ALUMINIUM
- ESTANTES GALVANIZADOS/PINTADOS “APLASTADOS” PARA RADIADORES ALUMINIO

CODE	L mm	D mm	L1 mm	D1 mm	g			€
942195007	170	7	75	10	118	80 coppie / pairs	2880 coppie / pairs	**5,52**
942195003	170	8,8	83	12	175	80 coppie / pairs	2880 coppie / pairs	**5,92**
942220003	220	8,8	83	12	212	40 coppie / pairs	1440 coppie / pairs	**7,27**
942245003	245	8,8	83	12	244	40 coppie / pairs	1440 coppie / pairs	**7,56**

G 10 13



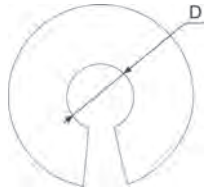
942 M V

MENSOLE VERNICIATE SCHIACCIATE PER RADIATORI TUBOLARI

- GALVANISED & PAINTED BRACKETS FOR TUBOLAR RADIATORS
- VERZINKTE UND LACKIERTE KONSOLEN FÜR RADIATOREN RÖHRENFÖRMIGE
- SUPPORTS GALVANISÉS / VERNIS POUR RADIATEURS TUBOLAIRES
- ESTANTES GALVANIZADOS/PINTADOS PARA RADIADORES TUBULARES

CODE	L mm	D mm	L1 mm	D1 mm	g		€
942175881	185	8,8	83	12	208	40 coppie / pairs	**7,29**
942205881	205	8,8	83	12	226	40 coppie / pairs	**7,61**
942245881	250	8,8	83	12	270	40 coppie / pairs	**8,98**

G 10 15





225

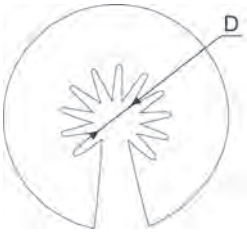
ROSETTA IN PVC COLOR BIANCO

- FRONT COVER IN WHITE PVC
- WEISSE DECKUNG AUS PVC
- RONDELLE EN PVC COLEUR BLANC
- FLORON EMBELLECEDOR EN PVC COLOR BLANCO

CODE	D mm	g			€
225000010	10	6	25	400*	0,62
225000012	12	6	25	400*	0,62
225000014	14	6	25	400*	0,62
225000015	15	6	25	400*	0,62
225000016	16	6	25	400*	0,62
225000018	18 - 3/8"	6	25	400*	0,65
225000022	22 - 1/2"	6	25	400*	0,65
225000026	28 - 3/4"	6	25	400*	0,83

(*) unità minima di vendita / minimum selling quantity

G 10 15





225 bis

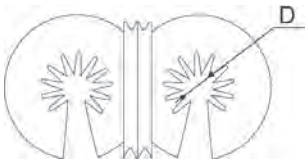
ROSETTA IN PVC BIANCO UNIVERSALE PER TUBI RAME

- UNIVERSAL FRONT COVER IN WHITE PVC FOR COPPER PIPES
- UNIVERSALE WEISSE DECKUNG AUS PVC FÜR KUPFERROHREN
- RONDELLE UNIVERSELLE EN PVC BLANC POUR TUBES CUIVRE
- FLORON EMBELLECEDOR UNIVERSAL PVC BLANCO PARA TUBOS DE COBRE

CODE	D mm	g			€
225000100	Ø 10 ÷ 22 mm	6	25	400*	0,61

(*) unità minima di vendita / minimum selling quantity

G 10 15





225 ter

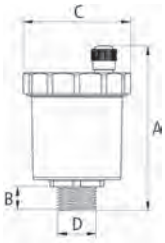
ROSETTA DOPPIA IN PVC BIANCO UNIVERSALE PER TUBI RAME

- DOUBLE FRONT COVER IN WHITE PVC FOR COPPER PIPES
- UNIVERSALE DOPPELTE WEISSE DECKUNG AUS PVC FÜR KUPFERROHREN
- DOUBLE RONDELLE UNIVERSELLE EN PVC BLANC POUR TUBES CUIVRE
- FLORON EMBELLECEDOR UNIVERSAL DOBLE PVC BLANCO PARA TUBOS DE COBRE

CODE	D mm	g			€
225000200	Ø 10 ÷ 22 mm	8	50	200*	2,86

(*) unità minima di vendita / minimum selling quantity

G 20 20





973

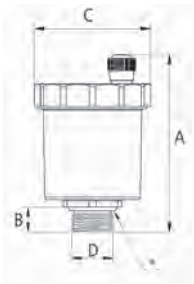
VALVOLA AUTOMATICA SFOGO D'ARIA BESSER

- AUTOMATIC AIRVENT BESSER
- SCHNELLENTLÜFTER BESSER
- PURGEUR AUTOMATIQUE BESSER
- PURGADOR AUTOMÁTICO BESSER

THREAD: ISO 228/1 (ex DIN 259)

CODE	D inch	A mm	B mm	C mm	g				€
973308000	3/8"	70	9	46	156	24	96	3840	**19,80**
973102000	1/2"	70	9	46	167	24	96	3840	**19,80**

G 20 20





973/O-Ring + 971

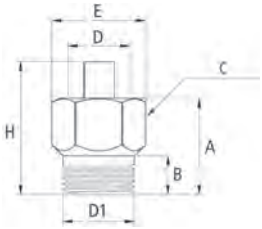
VALVOLA AUT. SFOGO D'ARIA BESSER CON VALVOLA D'INTERCETTAZIONE

- AUTOMATIC AIRVENT BESSER WITH SHUT-OFF VALVE
- SCHNELLENTLÜFTER BESSER MIT ABSPERRVENTIL
- PURGEUR AUTOMATIQUE BESSER AVEC VANNE D'ARRÊT
- PURGADOR AUTOMÁTICO BESSER CON VÁLVULA DE RETENCION

THREAD: ISO 228/1 (ex DIN 259)
NOTE: (*) O-Ring NBR

CODE	D inch	A mm	B mm	C mm	g				€
973308001	3/8"	70	7,5	46	175	24	96	3840	**29,31**

G 20 20





971

VALVOLA D'INTERCETTAZIONE PER ART. 973

- SHUT-OFF VALVE FOR 973 ARTICLE
- ABSPERVENTIL FÜR ARTIKEL 973
- VANNE D'ARRET POUR ART. 973
- VÁLVULA DE RETENCIÓN PARA ART. 973

THREAD: ISO 228/1 (ex DIN 259)

CODE	D (F) inch	D1 (M) inch	A mm	B mm	C mm	E mm	H mm	g			€
971308000	3/8"	3/8"	22,5	9	19	22	32,5	19	10	250	**8,69**
971102000	1/2"	1/2"	25	9	23	26	35	29	10	250	**8,69**

FOCUS ON

973 - VALVOLE AUTOMATICHE SFOGO ARIA "BESSER"

CARATTERISTICHE IDRAULICHE

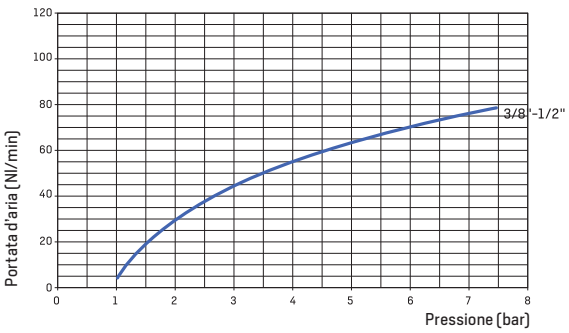
Le valvole sfiato aria Besser sono valvole a singolo galleggiante automatiche, che svolgono principalmente due funzioni:

- l'evacuazione di un consistente flusso di aria da una tubazione (es. durante il caricamento/pressurizzazione dell'impianto)
- il degasaggio (lo scarico dell'aria intrappolata nella tubazione o che si viene a formare durante l'esercizio).

Come indicato nella norma EN 14868, la presenza di ossigeno negli impianti di riscaldamento può provocare processi corrosivi anodici, rumorosità localizzate, sacche d'aria, ostruzioni, fenomeni di cavitazione nelle pompe, etc. che possono compromettere in modo rilevante l'integrità ed il rendimento dell'impianto. Le valvole sfogo aria Besser vengono installate in posizione verticale:

- sul separatore;
- alla sommità delle colonne montanti degli impianti di riscaldamento a vaso chiuso;
- in tutti i punti in cui è possibile l'accumulo di aria.

CURVA DI FUNZIONAMENTO VALVOLA BESSER



Per consentire lo sfogo dell'aria, svitare il cappuccio di protezione di almeno due giri. Si consiglia di non togliere il cappuccio di protezione onde evitare penetrazioni di impurità nell'apparecchio.
Assicurarsi che tutti i raccordi siano a tenuta idraulica.

CARATTERISTICHE TECNICHE	
Pressioni	massima ammissibile (PN) 10 bar
	minima pressione di tenuta 0,2 bar (grado A rif. EN 12266-1)
	campo di impiego funzione evacuazione aria 0,5 ÷ 7 bar (variazione ± 10% valore max. rilevato)
Temperature	massima ammissibile di esercizio (TS) 0°C (escluso gelo) ÷ +110 °C
Fluidi compatibili	fluido termovettore conforme a UNI 8065 soluzioni glicole 50%
Filettature	ISO 228/1 (ex DIN 259)
Prove e collaudi	EN 1074-4

973 - MATERIALI VALVOLA BESSER	
Corpo	ottone pressofuso EN 1982 – CB754S
Tappo	ottone EN 12165 – CW617N
Sede di tenuta	ottone EN 12164 – CW614N
Meccanismi interni	resina acetalica POM
Guarnizione sede + O-Ring*	gomma NBR
Galleggiante	polipropilene PP ad alta resistenza
Molla	acciaio inox EN 10088 – 1.4310 (AISI 302)

* Solo per articolo cod. 973308001

971 - RUBINETTO INTERCETTAZIONE PER VALVOLA SFOGO D'ARIA

CARATTERISTICHE IDRAULICHE

Il rubinetto di intercettazione favorisce le operazioni di sostituzione e verifica delle valvole sfogo aria, bloccando il flusso di acqua a valvola disinserita. Quando è utilizzato in combinazione con valvole sfogo d'aria su sistemi di distribuzione acqua potabile, soddisfano i requisiti della norma EN 1074-2.

CARATTERISTICHE TECNICHE / MATERIALI	
Pressioni	massima ammissibile (PN) 10 bar
Temperature	massima ammissibile di esercizio (TS) 0°C (escluso gelo) ÷ +110 °C
Fluidi compatibili	fluido termovettore conforme a UNI 8065 soluzioni glicole 50%
Filettature	ISO 228/1 (ex DIN 259)
Prove e collaudi	P12-EN 12266-1 (grado A)
Corpo	ottone EN 12164 – CW614N
Valvolina separatrice	resina acetalica POM
Molla	acciaio inox EN 10088-1.4310 (AISI 302)

FOCUS ON

973 - AUTOMATIC AIRVENT "BESSER"

HYDRAULIC FEATURES

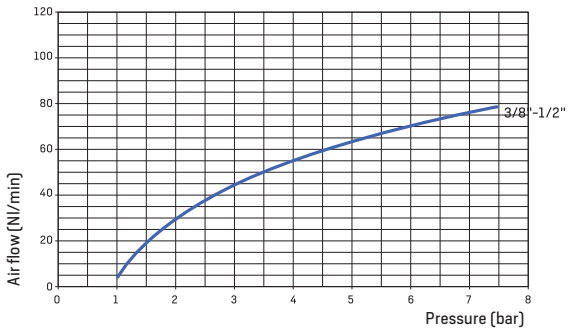
The automatic air vent Besser has a single automatic float that carries out two main functions:

- the evacuation of a consistent air flow through a pipeline (e.g. during loading/pressurization of the plant)
- degassing, which discharges air trapped or formed during operation in the pipeline.

As in European Standard EN 14868, the presence of oxygen in heating systems can provoke anodic corrosion, noise, air pockets, obstructions, cavitation in the circulation pumps, etc. that may significantly compromise the performance and integrity of the systems.
The automatic airvent Besser are installed in the vertical position:

- on the air separator;
- in the top of the installation of heating close systems;
- in all the points which it is possible the accumulation of air.

GRAPHIC FOR BESSER AIRVENT FUNCTIONING



To allow the air evacuation, unscrew the protective cap of at least two turns. We recommend that you don't remove the protective cap to avoid penetration of impurities into the unit.
Check that all pipes connections are watertight.

TECHNICAL FEATURES	
Pressure	maximum allowable working pressure (PN) 10 bar
	minimum accumulation 0.2 bar (grade A according to EN 12266-1)
	range of operation air evacuation 0.5 ÷ 7 bar (tolerance ± 10% max. detected)
Temperature	maximum working temperature (TS) 0°C (excluding ice) ÷ +110°C
Compatible fluids	heat transfer fluids in compliance with Italian standard UNI 8065 glycolate solutions (glycol) 50%
Threading	ISO 228/1 (ex DIN 259)
Requirements and tests	EN 1074-4

973 - BESSER AUTOMATIC AIRVENT DESIGN	
Body	cast brass EN 1982 – CB754S
Plug	brass EN 12165 – CW617N
Seat	brass EN 12164 – CW614N
Internal mechanisms	acetal resin (POM)
Seat gaskets + O-Ring*	NBR rubber
Float	highly resistant polypropilene PP
Spring	stainless steel EN 10088 – 14310 (AISI 302)

* Only for article cod. 973308001

971 - SHUT OFF VALVES FOR AUTOMATIC AIR VENTS

HYDRAULIC FEATURES

The shut-off valve is useful for tasks of substitution or inspection of air vents, blocking the flow to the disconnected valve. When used in conjunction with an air vent in distribution systems for drinkable water, this product meets the standards stipulated in EN 1074-2.

TECHNICAL FEATURES / DESIGN	
Pressure	maximum allowable working pressure (PN) 10 bar
Temperature	maximum working temperature (TS) 0°C (excluding ice) ÷ + 110°C
Compatible fluids	Heat transfer fluids in compliance with Italian standard UNI 8065 glycolate solutions (glycol) 50%
Threading	ISO 228/1 (ex DIN 259)
Requirements and tests	P12 - EN 12266-1 (grade A)
Body	brass EN 12164 – CW614N
Separating valve	acetal resin (POM)
Spring	stainless steel EN 10088 – 14310 (AISI 302)

FOCUS ON

973 - SCHNELLENTLÜFTER "BESSER"

HYDRAULISCHE EIGENSCHAFTEN

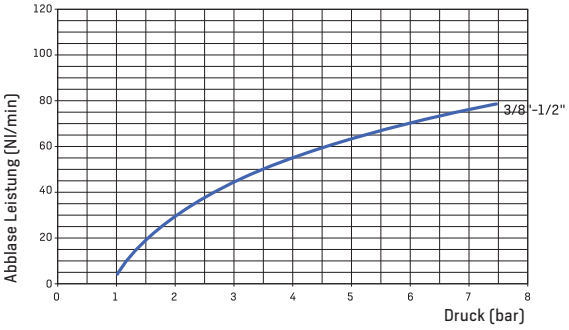
Die Besser Schnellentlüfter sind automatische Entlüfter mit Einzel Schwimmer welche zwei Hauptfunktionen erfüllen:

- die Entlüftung von Luft aus einer Leitung (z.B. wäh – rend des befüllen oder die Druckbeaufschlagung der Anlage)
- die Entgasung, (die Abscheidung der Luft innerhalb der Leitung)

Wie in der EN 14868 Norm beschrieben, kann die Anwesenheit von Sauerstoff innerhalb von Heizungsleitungen zu Korrosion Phänomene, lokalisierten Geräusche, Lufteinschlüsse, Verstopfungen, Kavitation in den Umwälzpumpen, usw. führen. Diese können die Funktionsfähigkeit der Anlage negativ beeinflussen. Die „Besser" Schnellentlüfter müssen senkrecht installiert werden:

- auf dem Verteiler;
- an den Steigleitungen;
- überall wo sich Lufteinschlüsse sich bilden.

DIAGRAMM DER BETRIEB DES SCHNELLENTLÜFTER BESSER



Um die optimale Funktionsfähigkeit zu ermöglichen, muss der obere Deckel mindestens um zwei Umdrehungen gelockert werden. Es ist zu empfehlen den Deckel nicht zu entfernen, um Eindringen von schmutz in dem Entlüfter zu vermeiden.
Bitte stellen Sie sicher, dass das komplette System dicht ist.

TECHNISCHE DATEN	
Drücke	Max. Betriebsdruck 10 bar
	Mix. Druck 0,2 bar (Grad A - EN 12266-1)
	Anwendungsdruck von 0,5 bar bis 7 bar (± 10% vom Maximum)
Temperaturen	Max. Betriebstemperatur (TS) 0°C (ausgenommen Frost) ÷ +110 °C
Flüssig	Wärmeträgerflüssigkeit nach UNI 8065 Glykol Gemisch 50%
Gewindeanschluss	ISO 228/1 (ex DIN 259)
Prüfung	EN 1074-4

973 - MATERIAL SCHNELLENTLÜFTER "BESSER"	
Gehäuse	Guss Messing EN 1982 – CB754S
Deckel	Messing EN 12165 – CW617N
Dichtheitselement	Messing EN 12164 – CW614N
Interne Komponenten	Acetylharz POM
Dichtungen + O-Ring*	NBR-Kautschuk
Schwimmer	Polypropylen PP
Feder	Edelstahl EN 10088 – 1.4310 (AISI 302)

* Nur für Artikel-Code 973308001

971 – ABSPERVENTIL FUR SCHNELLENTLÜFTER

HYDRAULISCHE EIGENSCHAFTEN

Das Absperrventil verinfacht den Austausch und die Kontrolle des Schnellentlüfters durch Absperren des Wasserzuflusses.
Bei Verwendung in Kombination mit den Schnellentlüfter in Trinkwasseranlagen ist dieser konform mit der EN 1074-2 Norm.

TECHNISCHE DATEN / Material	
Drücke	Max. Betriebsdruck 10 bar
Temperaturen	Max. Betriebstemperatur (TS) 0°C (Ausegenommen Frost) ÷ +110°C
Kompatible Flüssigkeiten	Wärmeträgerflüssigkeit nach UNI 8065 Wasser und Glykollösungen - Max. Glykolgehalt 50%
Gewindeanschluss	ISO 228/1 (ex DIN 259)
Prüfung	P12-EN 12266-1 (Grad A)
Körper	Messing EN 12164 – CW614N
Absperrventil	Acetylharz POM
Feder	Edelstahl EN 10088 – 1.4310 (AISI 302)

FOCUS ON

973 - PURGEUR AUTOMATIQUE "BESSER"

CARACTÉRISTIQUES HYDRAULIQUES

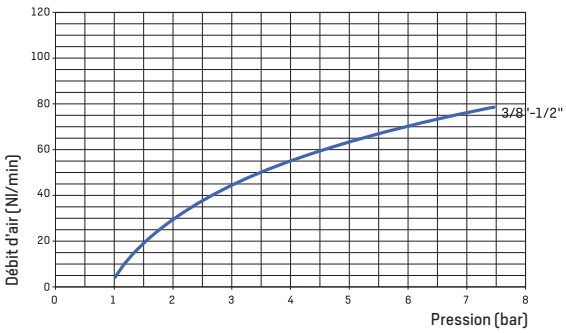
Le purgeur automatique BESSER sont une vanne automatique a flotteur simple qui exerce deux fonctions principales:

- l'évacuation d'un flux d'air important depuis une tuyauterie (par ex. lors de la charge/pressurisation de l'installation)
- le dégazage, qui permet de purger l'air emprisonne dans la tuyauterie ou qui se forme pendant l'exploitation.

La présence d'oxygène dans les circuits de chauffage peut provoquer des processus corrosifs anodiques, des bruits localises, des poches d'air, des obstructions, la cavitation des pompes etc. qui peuvent compromettre considérablement le débit et l'intégrité de l'installation, comme documente par la norme EN 14868.
Les purgeurs d'air Besser sont installés à la verticale:

- sur le séparateur d'air;
- au bout des colonnes montantes des installations de chauffage à cuve fermée;
- dans tous les endroits où il est possible de l'accumulation d'air.

COURBE DE FONCTIONNEMENT PURGEUR D'AIR BESSER



Pour permettre l'évacuation de l'air, dévisser le capuchon de protection au moins deux tours. Nous vous recommandons de ne pas enlever le capuchon de protection pour éviter la pénétration d'impuretés dans l'appareil. S'assurer que tous les raccords aient une parfaite étanchéité.

CARACTÉRISTIQUES TECHNIQUES	
Pressions	maximale admissible (PN) 10 bars
	étanchéité minime 0,2 bar (degre A selon EN 12266-1)
	domaine d'utilisation fonction évacuation air 0,5 ÷ 7 bar (variation ± 10% valeur max. relevée)
Temperature	maximale de fonctionnement admissible (TS) 0°C (gel exclu) ÷ + 110°C
Fluides compatibles	Fluide caloporteur conforme a la norme UNI 8065 solutions glycols 50%
Filetages	ISO 228/1 (ex DIN 259)
Essais et contrôles	EN 1074-4

973 - CONSTRUCTION PURGEUR AUTOMATIQUE "BESSER"	
Corps	cast brass EN 1982 – CB754S
Bouchon	laiton EN 12165 – CW617N
Siege d'étanchéité	laiton EN 12164 – CW614N
Mécanismes internes	resine acetal POM
Joint de siège + O-Ring*	caoutchouc NBR
Flotteur	polypropylene PP a haute résistance
Ressort	acier inox EN 10088 – 1.4310 (AISI 302)

* Uniquement pour art. 973308001

971 - ROBINET D'INTERCEPTION POUR PURGEUR D'AIR

CARACTÉRISTIQUES HYDRAULIQUES

Le robinet d'interception facilite les opérations de remplacement et de contrôle des purgeurs d'air, en bloquant l'écoulement de l'eau, lorsque la vanne est déconnectée. L'étanchéité hydraulique avec le corps de la vanne peut être garantie au moyen d'un joint torique (selon les modelés). Lorsqu'il est utilisé avec des purgeurs d'air sur des systèmes de distribution d'eau potable, il répond aux qualités requises par la norme EN 1074-2.

CARACTÉRISTIQUES TECHNIQUES / CONSTRUCTION	
Pression	maximale admissible (PN) 10 bar
Température	maximale de fonctionnement admissible (TS) 0°C (gel exclu) ÷ +110°C
Fluides compatibles	fluide caloporteur conforme à la norme UNI 8065 solutions glycols 50%
Filetages	ISO 228/1 (ex DIN 259)
Essais et contrôles	P12 - EN 12266-1 (degré A)
Corps	laiton EN 12164 - CW614N
Petite vanne de séparation	resine acetal POM
Ressort	acier inox EN 10088 - 1.4310 (AISI 302)

FOCUS ON

973 - PURGADORES DE BOYA "BESSER"

CARACTERISTICAS HIDRAULICAS

Los purgadores Besser se caracteriza por tener una unica boya interna automati ca, sus funciones principales son dos:

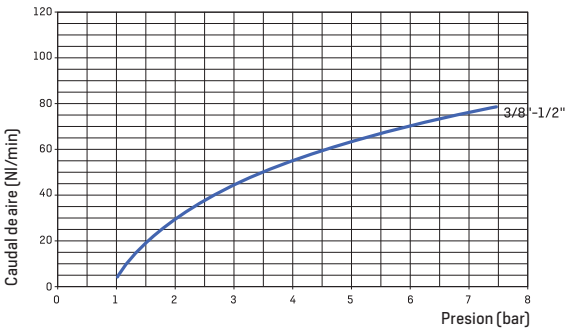
- La evacuacion alta de aire procedente del tubo (ej. Durante la carga/presurizacion de la instalacion)
- Desaireacion (descarga del aire atrapado en el tubo o que se forma durante el ejercicio)

Como indicado en la norma EN 14868, la presencia de oxigeno en las instalaciones de calefaccion puede provocar procesos corrosivos, ruidos localizados, sacos de aire, obstrucciones, la cavitation des pompes, etc. que pueden comprometer gravemente la integridad y rendimiento de la instalacion.

Los purgadores Besser se instalan en posicion vertical:

- sobre el separador de aire;
- en la parte mas alta de la instalacion;
- en todos los puntos donde pueda haber una acumulacion de aire.

CURVA DE FUNCIONAMIENTO PURGADOR BESSER



Para consentir la salida de aire, desenroscar la capucha de proteccion minimo dos giros. Se aconseja de no quitar la capucha de proteccion con el fin de evitar la presencia de impurezas.
Compruebe la estanqueidad hidráulica de los racores de conexión.

CARACTERISTICAS TECNICAS	
Presion	maxima admisible (PN) 10 bar
	minima presion sostenida 0,2 bar (grado A sec. EN 12266-1)
	campo de uso funcion evacuacion aire 0,5 ÷ 7 bar (variacion ± 10% valor max. relevado)
Temperatura	maxima admision de ejercicio (TS) 0°C (excluido hielo) ÷ +110 °C
Fluidos compatibles	fluido termovector conforme a UNI 8065 solucion glicol 50%
Rosca	ISO 228/1 (ex DIN 259)
Pruebas e ensayos	EN 1074-4

973 - MATERIAL PURGADOR BESSER	
Cuerpo	laton presofundido EN 1982 – CB754S
Tapon	laton EN 12165 – CW617N
Sede de apoyo	laton EN 12164 – CW614N
Mecanismos internos	resina acetalica POM
Sede junta + O-Ring*	goma NBR
Boya	polipropileno PP alta resistencia
Muelle	acero inox EN 10088 – 1.4310 (AISI 302)

* Sólo para art. 973308001

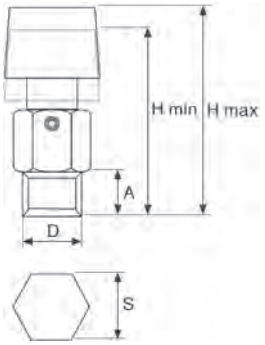
971 – VALVULA DE INTERCEPTACION PARA PURGADOR AUTOMATICO DE AIRE

CARACTERISTICAS HIDRAULICAS

La valvula de interceptacion favorece las operaciones de sustitucion y bloquea el flujo de agua en el caso quitemos el purgador automatico. Cuando la utilizamos junto con los purgadores en sistemas de distribucion de agua potable, satisfacen los requisitos de la norma EN 1074-2.

CARACTERISTICAS TECNICAS / Material	
Presion	maxima admisible (PN) 10 bar
Temperatura	maxima admisible de ejercicio (TS) 0°C (excluido hielo) ÷ +110 °C
Fluidos compatibles	fluido termovector conforme a UNI 8065 solucion glicol 50%
Rosca	ISO 228/1 (ex DIN 259)
Pruebas y ensayos	P12-EN 12266-1 (grado A)
Cuerpo	laton EN 12164 – CW614N
Purgador separador	resina acetalica POM
Muelle	acero inox EN 10088 – 1.4310 (AISI 302)

G 20 20





975

VALVOLA MANUALE SCARICO RADIATORI

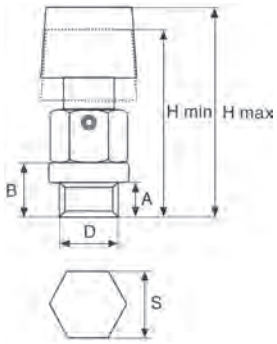
- RADIATOR AIR VENT
- RADIATOR ENTLÜFTUNGSVENTIL
- PURGEUR MANUEL ÉVACUATION RADIATEURS
- PURGADOR MANUAL DESCARGA RADIADOR

MATERIAL: CW617N-DW
THREAD: ISO 228/1 (ex DIN 259)
NOTE: volantino in nylon / nylon handwheel
T max 85°C - P max 7 bar

CODE	DN	D inch	S mm	A mm	H min mm	H max mm	g			€
975108000	6	1/8"	13	7	28	30	17	10	500*	**2,38**
975104000	8	1/4"	13	7	28	30	22	10	500*	**2,38**
975308000	10	3/8"	17	7	28	30	30	10	500*	**3,21**

(*) unità minima di vendita / minimum selling quantity
Articoli non adatti per impieghi su elementi ad uso riscaldamento e raffrescamento (es: fan coil).
Items not suitable to use for heating and cooling elements (ex. fan coil).

G 20 20





975/G

VALVOLA MANUALE SCARICO RADIATORI CON ANELLO IN PTFE

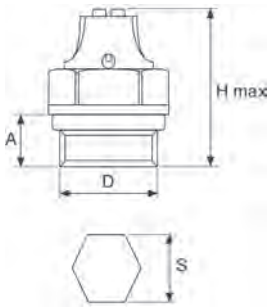
- RADIATOR AIR VENT WITH PTFE RING
- RADIATOR ENTLÜFTUNGSVENTIL MIT PTFE DICHTUNG
- PURGEUR MANUEL ÉVACUATION RADIATEURS AVEC ANNEAU EN PTFE
- PURGADOR MANUAL DESCARGA RADIADOR CON ANILLO EN PTFE

MATERIAL: CW617N-DW
THREAD: ISO 228/1 (ex DIN 259)
NOTE: volantino in nylon, tenuta PTFE
nylon handwheel, PTFE gasket
T max 85°C - P max 7 bar

CODE	DN	D inch	S mm	A mm	B mm	H min mm	H max mm	g			€
97510400G	8	1/4"	13	4	8	28	30	22	10	500*	**2,61**
97530800G	10	3/8"	17	4	8	28	30	30	10	500*	**3,40**
97510200G	15	1/2"	21	4	8	26	28	44	10	250*	**4,87**

(*) unità minima di vendita / minimum selling quantity
Articoli non adatti per impieghi su elementi ad uso riscaldamento e raffrescamento (es: fan coil).
Items not suitable to use for heating and cooling elements (ex. fan coil).

G 20 20





979

TAPPO IN OTTONE CON VALVOLA SCARICO ARIA

- AIR VENT PLUG
- MESSINGSTOPF MIT SCHNELLENTLUFTER
- BOUCHON EN LAITON AVEC PURGEUR ÉVACUATION D'AIRE
- TAPÓN EN LATÓN CON PURGADOR DESCARGA AIRE

MATERIAL: CW614N (OT58) / CuZn39Pb3
THREAD: ISO 228/1 (ex DIN 259)
NOTE: valvola orientabile, tenuta O-Ring
adjustable valve, O-ring seal
T max 85°C - P max 7 bar

CODE	DN	D inch	S mm	A mm	H max mm	g			€
979308002	10	3/8"	19	6	21	20	50	150*	**4,95**
979102002	15	1/2"	22	7	21	20	50	150*	**5,97**
979304002	20	3/4"	25	8	23	33	50	150*	**10,09**

(*) unità minima di vendita / minimum selling quantity
Articoli non adatti per impieghi su elementi ad uso riscaldamento e raffrescamento (es: fan coil).
Items not suitable to use for heating and cooling elements (ex. fan coil).

G 20 20



979/C

CHIAVETTA IN NYLON PER ART. 979

- NYLON KEY FOR 979 ARTICLE
- SCHLUESSEL AUS NYLON FÜR ARTIKEL 979
- CLÉ EN NYLON POUR ART. 979
- LLAVE EN NYLON PARA ART. 979

CODE	Description	g		€
979000000	per / for art. 979 3/8" - 1/2" - 3/4"	2	100	**1,00**

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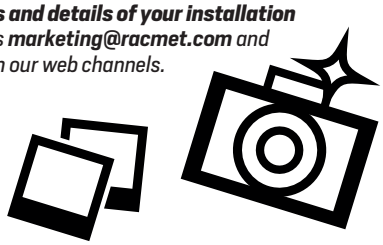
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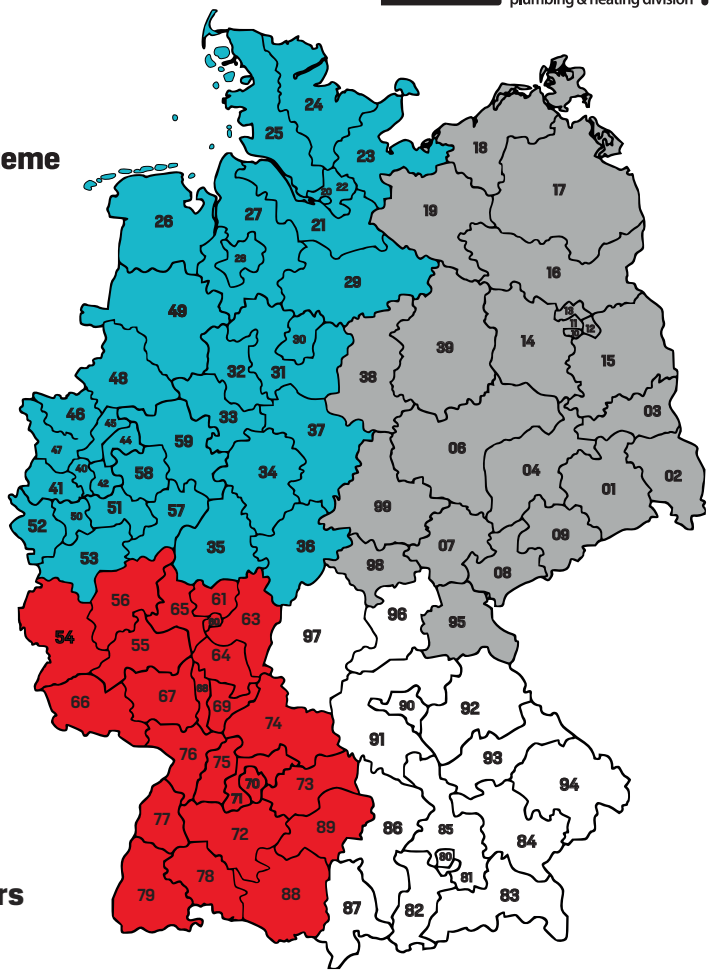
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Condizioni Generali di Vendita

Di seguito sono riportate le Condizioni Generali di Vendita ("CGV") applicabili a tutti i rapporti di vendita tra Raccorderie Metalliche S.p.A. ("RM" o la "Società") e i soggetti che effettuano, direttamente o tramite agente, un ordine di merce (gli "Acquirenti" o, singolarmente, l'Acquirente").
Tutte le CGV, incluse le presenti premesse, si intendono pertanto conosciute ed accettate dagli Acquirenti, senza riserva alcuna, con il conferimento dell'ordine a RM, a nulla rilevando eventuali condizioni generali predisposte dall'Acquirente.
Le CGV trovano applicazione ai rapporti di vendita, in quanto non derogate da specifici accordi contrattuali tra RM e gli Acquirenti.
Nell'interpretazione ed esecuzione degli ordini si farà riferimento inoltre alle clausole previste dagli Incoterms edizione 2020.

1. Ordini

1.1 Le nostre offerte sono da considerarsi impegnative solo a fronte di una regolare conferma d'ordine scritta ("CdO") inviata all'Acquirente da RM.
1.2 Gli ordini richiesti a RM non sono vincolanti fino a CdO scritta.
1.3 E' facoltà di RM di richiedere ulteriori chiarimenti prima di accettare l'ordine ovvero di rifiutarlo a proprio insindacabile giudizio.
1.4 Gli ordinativi di merce si intendono fatti con riferimento al catalogo vigente. I prodotti ed i prezzi riportati sono da considerarsi comunque indicativi. E' facoltà di RM di modificare le caratteristiche tecniche dei prodotti indicati e di rivedere i prezzi.

2. Prezzo

2.1 Il prezzo, le modalità e i termini di pagamento sono quelli indicati nella CdO o in fattura e sono vincolanti per l'Acquirente.
2.2 In nessun caso l'Acquirente potrà ritardare, ridurre o sospendere il pagamento. In caso di mancato o parziale pagamento, l'Acquirente sarà considerato in mora senza necessità di formale diffida e saranno applicabili gli interessi legali di mora ai sensi degli articoli 2 lettera e), 4 e 5 del D.Lgs. 9 Ottobre 2002 n. 231.
2.3 È sempre salva la facoltà per RM di sospendere l'esecuzione di ordini, qualora l'Acquirente non abbia regolarmente adempiuto ai pagamenti relativi a precedenti ordinativi ovvero abbia dimostrato di non essere in grado di adempiere al proprio pagamento. In tale caso, l'ordine potrà essere eseguito soltanto a fronte di un pagamento anticipato ovvero a seguito di presentazione di idonea garanzia di gradimento di RM.
2.4 Nel caso di aumenti del prezzo della merce in corso d'opera superiori al 5% del prezzo indicato in catalogo, tali diversi importi saranno comunicati da RM all'Acquirente. Tali diversi importi sono vincolanti per l'Acquirente, fatto salvo, in questo caso, il suo diritto di rinunciare all'acquisto della merce, senza che l'Acquirente possa avanzare pretese di danni nei confronti di RM.

3. Trasporto

3.1 Salvo diversamente previsto nel Contratto di Vendita, i prodotti saranno consegnati al cliente in conformità alla Regola Incoterms 2020, Ex-Works (EXW) o FCA – stabilimento del Venditore.

4. Consegna

4.1 I termini di consegna sono da intendersi indicativi e non sono vincolanti per la Società e l'eventuale ritardo non potrà in alcun modo dare diritto all'Acquirente di recedere dal contratto, annullare l'ordine, sospendere, ridurre o ritardare il pagamento del prezzo, o pretendere il pagamento di danni, di qualunque natura, anche in forma di interessi moratori.
4.2 In ogni caso, i termini di consegna decorrono esclusivamente dalla data della CdO. Sono inefficaci eventuali termini riportati nell'ordine.
4.3 Qualora l'Acquirente necessitasse di specifici termini di consegna, questi dovranno preventivamente essere concordati e per essere efficaci dovranno inoltre essere confermati per iscritto nella CdO. In ogni caso, è fatto salvo il caso della forza maggiore, con ciò intendendosi, a titolo puramente esplicativo ma non esaustivo, casi di scioperi anche dei vettori, guerre, epidemie, catastrofi, atti terroristici, incidenti, chiusura delle frontiere o impedimento per ordine dell'Autorità.

4.4 Nel caso in cui la consegna diventi impossibile o particolarmente gravosa, RM si riserva il diritto di annullare l'ordine senza che l'Acquirente possa avanzare richiesta di danni.

5. Riserva di Proprietà

5.1 RM si riserva il diritto di proprietà sulla merce sino a quando saranno interamente pagati tutti gli importi relativi al prezzo della merce ed al trasporto, ivi incluse a titolo esemplificativo ma non esaustivo le spese di imballaggio e di dogana, quest'ultime se applicabili.
5.2 In caso di risoluzione del contratto per inadempimento dell'Acquirente, gli acconti pagati resteranno acquisiti a RM a titolo d'indennità.

6. Reclami

6.1 Eventuali reclami per difetti della merce dovranno essere comunicati entro dieci giorni dal ricevimento della stessa.
6.2 Gli eventuali reclami non danno diritto all'Acquirente di sospendere o ritardare il pagamento nei termini indicati.
6.3 Nel caso in cui l'Acquirente richieda la compatibilità della merce per un uso particolare, tale richiesta dovrà avvenire con l'ordine e avrà valore solo se confermata specificatamente per iscritto nella CdO.

7. Garanzia sistemi a pressare

7.1 Per quanto concerne la garanzia dei sistemi a pressare, fanno fede le condizioni ed i termini esposti sul Manuale Tecnico Sistemi a Pressare di Raccorderie Metalliche S.p.A.

8. Lingua, Controversie, Legge applicabile

8.1 Eventuali altre traduzioni delle CGV sono da intendersi di mera cortesia e non superano quella italiana, la quale è la sola che fa fede.
8.2 In caso di controversie è competente in via esclusiva il Tribunale del luogo dove ha sede la Società.
8.3 Per quanto non previsto dalle presenti CGV, i rapporti di vendita tra RM e gli Acquirenti saranno regolati dalla legge italiana.

General Conditions of Sale

Below you can find our General Conditions of Sale (hereinafter, the "GCS") that shall apply to all sale relationships between Raccorderie Metalliche S.p.A. (hereinafter, "RM" or the "Company") and subjects who place their orders, either directly or through their agents, with the latter (hereinafter, the "Purchasers" or, individually, the "Purchaser").
All GCS (including the recitals) are therefore acknowledged and accepted by the Purchasers, without reservation, on the date of the order placement to RM; in case of existing Purchaser's conditions, the GCS will prevail.
The GCS shall apply to all sale relationships, unless otherwise agreed upon between RM and the Purchasers.
To interpret and execute the orders, the parties shall moreover refer to the provisions provided for by Incoterms 2020.

1. Orders

1.1 Our offers shall be considered as binding only in case of regular order confirmation in written form (hereinafter, the "OC") sent by RM to the Purchaser.
1.2 The orders sent to RM shall be considered to be binding only in case a written OC is sent to the Purchaser.
1.3 RM is entitled to require further information before accepting an order, as well as to decline the latter, at its sole discretion.
1.4 The orders shall refer to RM's catalogue being in force from time to time. Anyway, both the products and the prices are indicative. RM reserves the right to modify the technical features of the products and readjust the prices.

2. Price

2.1 Price, payment method and conditions being indicated in the OC are binding on the Purchaser.
2.2 Under no circumstances, the Purchaser may delay, reduce or cease payments. In case of partial or total non payment, the Purchaser will be considered to be in arrears, with no need to send him formal injunction, and in this case interest of arrears will be applied according to articles 2 letter e), 4 and 5 of the Decree Law Nº 231, dated 9th October 2002.
2.3 RM reserves the right to stop the execution of orders, in the event the Purchaser has not fulfilled payment relating to preceding orders, i.e. has proven not to be in a position to fulfil its payment. In such a case, the orders will only be executed against a payment in advance and after RM sends its consent to the Purchaser.
2.4 In case of price increase regarding goods belonging to orders in progress and exceeding 5 % of the price contained in the catalogue, RM will inform the Purchaser about the relevant different amounts. The latter will be binding on the Purchaser, who has anyway the right to refuse to purchase the goods but not the right to put forward claims against RM.

3. Transport

3.1 Unless otherwise provided in the Sales Contract, the products will be delivered to the customer according to the Incoterms 2020, Ex-Works (EXW) or FCA – Supplier's company.

4. Delivery

4.1 The delivery time is indicative and not binding on the Company and a possible delay does not entitle the Purchaser to back out of a contract, cancel an order, cease, reduce, delay a payment of the price, nor claim for any damages and/or interest of arrears.
4.2 In any case, the delivery time starts on the date of the OC. Possible different terms contained in the orders will be considered null and void.
4.3 In case the Purchaser requires a specific delivery time, the latter shall preliminarily be agreed and written in the OC to confirm its validity. In any case, the foregoing is without prejudice to force majeure including, but not limited to strike (even forwarders' strike), war, epidemics, disasters, terrorist attacks, accidents, closed borders, authority vetoes.
4.4 In the event it is impossible or very difficult to deliver, RM reserves the right to cancel the order and the Purchaser is not entitled to put forward claims against RM.

5. Retention of Title

5.1 RM reserves its property right concerning the goods, until all amounts relating to the price of the goods and the freight including, but not limited to packing & customs charges (if applicable).
5.2 In case of contract termination due to the Purchaser's breach, possible down payments shall remain acquired by RM as indemnity.

6. Complaints

6.1 Possible complaints regarding defects of the goods shall be notified within ten days from the receiving of the latter by the Purchaser.
6.2 Possible complaints do not entitle the Purchaser to stop or delay the payment of the goods, which has to be issued within the scheduled time.
6.3 In case the Purchaser requires the goods to be conformed to a special purpose, the relevant request shall be made with the order and it shall be valid only in case it has been specifically confirmed in writing in the OC.

7. Warranty of press systems.

7.1 Concerning the warranty of press systems, the terms and conditions indicated in Press Systems Technical Manual of Raccorderie Metalliche S.p.A. shall apply.

8. Language, Disputes, Applicable Law

8.1 Any possible translation other than the present GCS one shall be intended as mere favour and shall not prevail over the Italian text, which is the only applicable text.
8.2 All possible disputes shall be subject to the exclusive jurisdiction of the court of the place in which the Company has its registered office.
8.3 For any aspect not provided for by the present GCS, the sales relationships between RM and the Purchasers shall be ruled by the Italian law.

Allgemeine Geschäftsbedingungen

Nachfolgend werden die Allgemeinen Geschäftsbedingungen aufgeführt, die auf alle Verkaufsbeziehungen zwischen Raccorderie Metalliche S.p.A. ("RM" oder die "Gesellschaft") und Personen, die direkt oder durch einen Vertreter eine Bestellung aufgeben (im Folgenden "Käufer") anwendbar sind. Sämtliche AGB, einschließlich der vorliegenden Vorbemerkungen, verstehen sich vorbehaltlos als von den Käufern verstanden und akzeptiert durch die Bestellerteilung an RM, wobei etwaige verfasste allgemeine Geschäftsbedingungen des Käufers keine Bedeutung haben. Die AGB finden Anwendung in den Verkaufsbeziehungen, weil sie nicht von bestimmten Vertragsvereinbarungen zwischen RM und den Käufern abweichen. In der Beurteilung und Ausführung der Bestellungen wird außerdem auf die von Incoterms Ausgabe 2020 vorgesehenen Klauseln Bezug genommen.

1. Bestellungen

1.1 Unsere Bestellungen sind als bindend zu betrachten nur bei Vorliegen einer regulären schriftlichen Auftragsbestätigung ("AB"), die dem Käufer durch RM zugestellt wird.

1.2 Die an RM angefragten Bestellungen sind bis zur schriftlichen AB nicht bindend.

1.3. RM steht es frei, vor der Bestellannahme weitere Auskünfte einzuholen oder die Bestellung nach eigenem Ermessen abzulehnen.

1.4 Die Warenbestellungen verstehen sich in Bezug auf den gültigen Katalog. Die angegebenen Produkte und Preise sind als maßgebend zu verstehen. RM behält sich das Recht vor, Änderungen an den technischen Eigenschaften der Produkte vorzunehmen und die Preise anzupassen.

2. Preis

2.1 Preis, Zahlungsbedingungen und Zahlungsfristen sind in der Auftragsbestätigung angegeben und sind bindend für den Käufer.

2.2. In keinem Fall darf der Käufer die Zahlung verzögern, mindern oder aufheben. Bei Nichtzahlung oder teilweiser Zahlung befindet sich der Käufer in Verzug, ohne dass es einer formellen Benachrichtigung bedarf, und es werden Verzugszinsen gemäß des italienischen Gesetzesdekrets Nr. 231, Art. 2 Satz 4 und 5 vom 9. Oktober 2002 angerechnet. Weiterhin behält sich RM das Recht vor, die Ausführung von Bestellungen aufzuheben, wenn der Käufer nicht ordnungsgemäß Zahlungen für vorherige Bestellungen vorgenommen hat oder anderweitig bewiesen hat, zahlungsunfähig zu sein. In diesem Fall kann die Bestellung nur bei vorzeitiger Zahlung oder bei Vorliegen entsprechender Vertrauensgarantie durch RM ausgeführt werden.

2.4 Im Falle von Preiserhöhung über 5% im Vergleich zum Katalogpreis bei Waren in Bearbeitung, wird RM die entsprechenden Beträge dem Käufer mitteilen. Diese abweichenden Beträge sind für den Käufer bindend, unberührt seines Rechts, in diesem Fall auf den Kauf der Ware zu verzichten, ohne dass der Käufer Schadensersatz gegenüber RM fordern kann.

3. Transport

3.1 Sofern im Kaufvertrag nichts anderes vereinbart wurde, werden die Produkte gemäß den Incoterms 2020, Ex-Works (EXW) oder FCA – Werk des Verkäufers an den Kunden geliefert.

4. Lieferung

4.1 Die Lieferzeiten sind nicht verbindlich und nicht bindend für die Gesellschaft. Eine eventuelle Verspätung berechtigt den Käufer in keiner Weise vom Vertrag zurück zu treten, die Bestellung zu annullieren, die Zahlung einzustellen, zu mindern oder zu verzögern, oder Schadensersatz jeglicher Art zu fordern, einschließlich der Verzugszinsen.

4.2 In jedem Fall richten sich die Lieferzeiten ausschließlich nach dem Datum der AB. Eventuelle in der Bestellung angegebene Fristen sind unwirksam.

4.3. Falls der Käufer bestimmte Lieferzeiten benötigt, müssen diese im Voraus vereinbart werden und für ihre Wirksamkeit müssen sie außerdem schriftlich in der AB bestätigt werden. Jedenfalls bleiben die Fälle höherer Gewalt unberührt, darunter, als Erläuterung aber keinesfalls vollständig, Fälle von Streik, einschließlich der Beförderungsunternehmen, Kriege, Epidemien, Katastrophen, Terroranschläge, Grenzschließungen oder Verhinderung durch behördliche Anweisung.

4.4. für den Fall, dass die Lieferung unmöglich oder besonders belastend wird, behält sich RM das Recht vor, die Bestellung zu annullieren, ohne dass der Käufer Schadensersatz fordern kann.

5. Eigentumsvorbehalt

5.1 RM behält sich das Recht des Eigentums an der Ware bis zur vollständigen Zahlung aller Beträge bezüglich des Warenpreises und des Transports vor, einschließlich – als Erläuterung aber keinesfalls vollständig – Verpackungs- und Zollkosten, falls anwendbar.

5.2 Im Falle der Vertragsauflösung wegen Nichterfüllung durch den Käufer werden bereits geleistete Anzahlungen an RM als Entschädigung erworben gelten.

6. Beanstandungen

6.1 Eventuelle Beanstandungen wegen fehlerhafter Ware müssen innerhalb einer Frist von zehn Tagen ab Warenerhalt mitgeteilt werden.

6.2 Eventuelle Beanstandungen berechtigen nicht den Käufer, die Zahlung innerhalb der genannten Frist einzustellen oder zu verzögern.

6.3 Falls der Käufer die Kompatibilität der Ware für eine bestimmte Verwendung verlangt, muss dies Anfrage mit der Bestellung erfolgen und sie wird nur durch schriftliche Bestätigung in der AB wirksam.

7. Gewährleistung Drucksysteme.

7.1 Bezüglich der Gewährleistung der Drucksysteme, sind die im Technischen Handbuch Drucksysteme von Metalliche S.p.A. angegebenen Bedingungen und Fristen verbindlich.

8. Sprache, Streitigkeiten, anwendbares Recht

8.1 Eventuelle Übersetzungen der AGB sind als reine Dienstleistung zu sehen und stehen nicht über die italienische Version, die ausschließlich gültig ist.

8.2 Bei Streitigkeiten ist ausschließlich das Gericht zuständig, in dessen Bezirk die Gesellschaft ihren Sitz hat.

8.3 Falls nicht durch die vorliegenden AGB abgedeckt, werden die Kaufbeziehungen zwischen RM und Käufer durch italienisches Recht geregelt.

Conditions Générales de Vente

Ci-Après les Conditions Générales de Vente ("CGV") applicables à tous les rapports de vente entre Raccorderie Metalliche S.p.A. ("RM" ou la "Société") et les sujets qui effectuent, directement ou par l'intermédiaire d'un agent, un ordre de marchandise (les "Acheteurs" ou, individuellement, l'"Acheteur"). Toutes les CGV, y compris ces prémisses, s'entendent par conséquent, connues et acceptées par les Acheteurs, sans aucune réserve, avec l'attribution de l'ordre à RM, si les éventuelles conditions de vente prédisposées par l'Acheteur ne sont pas en contradiction. Les CGV s'appliquent aux rapports de vente dans la mesure où elles ne dérogent pas d'accords contractuels spécifiques entre RM et les Acheteurs. Pour l'interprétation et l'exécution des commandes, il faudra en outre faire référence aux clauses prévues par les conditions internationales de vente Incoterms édition 2020.

1. Commandes

1.1 Nos offres doivent être considérées liantes uniquement vis-à-vis d'une confirmation régulière d'une commande écrite ("CdC") envoyée à l'Acheteur par RM.
1.2 Les commandes requises à RM ne sont liantes qu'après la rédaction de la CdC.
1.3 RM est en droit de demander des précisions supplémentaires avant d'accepter la commande ou de la refuser à son jugement sans appel.
1.4 Les commandes de marchandise s'entendent comme passées sur la base du catalogue en vigueur. Les produits et les prix indiqués doivent dans tous les cas être considérés comme indicatifs. RM est en droit de modifier les caractéristiques techniques des produits indiqués et de revoir les prix.

2. Prix

2.1 Le prix, les modalités et les délais de paiement sont ceux indiqués dans la CdC ou dans la facture et sont liants pour l'Acheteur.
2.2 En aucun cas l'Acheteur ne pourra retarder, réduire ou suspendre le paiement. En cas de non-paiement ou de paiement partiel, l'Acheteur sera considéré en demeure sans obligation d'une mise en demeure formelle et des intérêts légaux pour retard de paiement s'appliqueront, conformément aux articles 2 point e), 4 et 5 du décret législatif du 9 octobre 2002 nº 231.
2.3 RM a toujours le droit de suspendre l'exécution de la commande dans le cas où l'acheteur n'a pas effectué les paiements relatifs aux commandes précédentes ou s'il a démontré être incapable d'effectuer le paiement. Dans ce cas, la commande pourra être effectuée uniquement contre un paiement anticipé après la présentation d'une garantie de complaisance de RM.
2.4 En cas d'augmentations du prix de la marchandise en cours de production supérieures à 5 % du prix indiqué dans le catalogue, ces montants différents seront communiqués à l'Acheteur par RM. Ces différents montants liants pour l'Acheteur, sous réserve, dans ce cas d'exercer son droit de renoncer à l'achat de la marchandise sans que l'Acheteur puisse prétendre des dommages et intérêts vis à vis de RM.

3. Transport

3.1 Sauf disposition contraire dans le contrat de vente, les produits seront livrés au client conformément à la règlementation Incoterms 2020, Ex-Works (EXW) ou FCA – à l'adresse du vendeur.

4. Livraison

4.1 Les délais de livraison sont indicatifs et non contraignants pour la Société et tout retard éventuel ne peut en aucune façon permettre à l'acheteur de résilier le contrat, annuler la commande, suspendre, réduire ou retarder le paiement du montant, ou exiger le paiement de dommages de toute nature, de quelque nature que ce soit, même sous la forme d'intérêts moratoires.
4.2 Dans tous les cas, les délais de livraison commencent à courir exclusivement à la date de la CdC. Les éventuels délais reportés dans la commande ne sont pas pris en compte.
4.3 Dans le cas où l'Acheteur aurait besoin de délais de livraison spécifiques, ceux-ci devront préalablement être fixés et pour qu'ils deviennent effectifs, ils devront être confirmés par écrit dans la CdC. Dans tous les cas, exception est faite en cas de force majeure, c'est à dire à titre purement explicatif, mais sans s'y limiter, les cas de grève, également des transporteurs, les guerres, les épidémies, les catastrophes, les actes de terrorisme, les accidents, la fermeture des frontières ou tout empêchement sur l'ordre des Autorités.
4.4 Dans le cas où la livraison devient impossible ou particulièrement excessive, RM se réserve le droit d'annuler la commande sans que l'Acheteur puisse réclamer des dommages et intérêts.

5. Réserve de propriété

5.1 RM se réserve le droit de propriété sur la marchandise jusqu'à ce que soient payés tous les montants relatifs au prix de la marchandise et au transport, y compris, à titre d'exemple mais sans s'y limiter, les frais de conditionnent et de douane, si ces derniers sont applicables.
5.2 En cas de résiliation du contrat par non-exécution de l'Acheteur, les acomptes payés resteront acquis à RM à titre d'indemnisation.

6. Réclamations

6.1 Les éventuelles réclamations pour défauts de la marchandise devront être communiquées dans les dix jours à compter de la réception de celle-ci.
6.2 Les éventuelles réclamations n'autorisent pas l'Acheteur à suspendre ou retarder le paiement dans les délais indiqués.
6.3 Dans le cas où l'Acheteur requiert la compatibilité de la marchandise pour un usage particulier, cette demande devra parvenir avec la commande et sera effective uniquement si spécifiquement confirmée par écrit dans la CdC.

7. Garantie systèmes à sertir

7.1 En ce qui concerne la garantie des systèmes à sertir, font foi les termes et les conditions exposés dans le Manuel Technique des Systèmes à Presser de Raccorderie Metalliche S.p.A.

8. Langue, Litige, Juridiction

8.1 Les éventuelles traductions des CGV ne sont fournies que pour des raisons de commodité mais l'Italien est la seule langue faisant foi.
8.2 En cas de litige, seul le Tribunal du lieu où la Société à son siège, est compétent.
8.3 Pour tout ce qui n'est pas prévu par les présentes CGV, les rapports de vente entre RM et les Acheteurs seront régis par la loi italienne.

Condiciones Generales de Venta

A continuación encontrará las Condiciones Generales de Venta ("CGV") que se aplican a todas las ventas entre Raccorderie Metalliche S.p.A. (en adelante "RM" o la "Sociedad") y los sujetos que efectúan, directa o indirectamente a través de un agente, un pedido de productos (los "Compradores" o, de manera individual, el "Comprador"). Todas las CGV, incluso esta introduccón, se entienden por lo tanto conocidas y aceptadas por los Compradores, sin reserva alguna, al otorgar a RM el pedido, y prevalecen ante posibles condiciones generales redactadas por el Comprador. Las CGV se aplican a las relaciones de venta, siempre que no hayan sido derogadas por acuerdos contractuales específicos entre RM y los Compradores. Para interpretar y ejecutar los pedidos se tomarán además como referencia las clásulas previstas por los Incoterms edición de 2020.

1. Pedidos

1.1 Nuestras ofertas se considerarán vinculantes únicamente en el caso de confirmación escrita del pedido ("CdP") enviada por RM al Comprador.
1.2 Los pedidos efectuados a RM no son vinculantes si no existe la confirmación del pedido ("CdP") escrita.
1.3 RM tiene la facultad para solicitar ulteriores aclaraciones antes de aceptar el pedido o incluso para recharzarlo, en cuyo caso, su decisión es inapelable.
1.4 Los pedidos de mercancía se entienden efectuados según el catálogo vigente. Los productos y los precios que allí aparecen deben considerarse indicativos. RM tiene la facultad de modificar las características técnicas de los productos indicados y de rectificar los precios.

2. Precio

2.1 El precio, las formas y los plazos de pago son los que se indican en la CdP o en la factura y son vinculantes para el Comprador.
2.2 En ningún caso el Comprador podrá retrasar, reducir o suspender el pago. En caso de pago parcial o pago no efectuado, el Comprador será considerado moroso sin necesidad de intimación formal y se le aplicarán los intereses por mora de conformidad con los artículos 2 letra e), 4 y 5 del Decreto Legislativo del 9 de octubre de 2002 n. 231.
2.3 RM se reserva siempre la facultad de suspender la ejecución de los pedidos, en caso de que el Comprador no haya cumplido con los pagos de pedidos anteriores o haya demostrado que no puede realizar los mismos. En este caso, se podrá dar curso al pedido solo si se efectúa el pago anticipado o se presenta una garanta adecuada que cuente con el beneplácito de RM.
2.4 Si durante el proceso de venta, se produjeran aumentos de precio de la mercancía superiores al 5% del precio indicado en el catálogo, los nuevos importes serán comunicados por RM al Comprador. Dichos importes serán vinculantes para el Comprador, sin perjuicio, en este caso, de su derecho a renunciar a la compra de la mercancía, sin que por este motivo pueda exigir ninguna indemnizacón por parte de RM.

3. Transporte

3.1 A menos que se estipule lo contrario en el Contrato de venta, los productos se entregarán al cliente de acuerdo con los Incoterms 2020, Ex-Works (EXW) o FCA – stablecimiento del vendedor.

4. Entrega

4.1 Los plazos de entrega son indicativos y no son vinculantes para la Sociedad y en ningún caso el eventual retraso podrá dar derecho al Comprador para rescindir el contrato, anular el pedido, suspender, reducir o retrasar el pago del precio, así como tampoco pretender una indemnización por daños de cualquier tipo, incluso bajo forma de intereses moratorios.
4.2 De cualquier forma, los plazos de entrega se cuentan exclusivamente a partir de la fecha de la CdP. No tendrán validez los plazos indicados en el pedido.
4.3 En caso de que el Comprador necesitara determinados plazos de entrega, los mismos tendrán que pactarse previamente y para que tengan validez deberán ser confirmados por escrito en la CdP, sin perjuicio de los casos de fuerza mayor, bajo cuyo nombre se entienden, a modo de ejemplo no exhaustivo, huelgas incluso de los transportistas, guerras, epidemias, catástrofes, actos terroristas, accidentes, cierre de fronteras o impedimento por orden de las autoridades.
4.4 En caso de que la entrega sea imposible o muy difícil y costosa, RM se reserva el derecho de anular el pedido sin que el Comprador pueda exigir ningún tipo de indemnización por daños y perjuicios.

5. Reserva de Propiedad

5.1 RM se reserva el derecho de propiedad de la mercancía hasta cuando no hayan sido pagados totalmente todos los importes correspondientes al precio de la misma y al transporte, incluso a modo de ejemplo no exhaustivo los gastos de embalaje y de aduana, estos últimos siempre que correspondan.
5.2 En caso de rescisión del contrato por incumplimiento del Comprador, los pagos a cuenta que haya percibido RM serán retenidos por RM a título de indemnización.

6. Reclamaciones

6.1 Las eventuales reclamaciones por defectos de la mercancía tendrán que ser comunicadas dentro de un plazo de diez días a partir de la fecha de recepción de la misma.
6.2 Las eventuales reclamaciones no dan derecho al Comprador para que suspenda o retrase el pago dentro de los plazos estipulados.
6.3 En el caso de que el Comprador requiera la compatibilidad de la mercancía para un uso especial, dicha solicitud se deberá hacer en el pedido y tendrá valor sólo si se confirma por escrito y esplícitamente en la CdP.

7. Garantía de sistemas de prensado.

7.1 Por lo que se refiere a la garantía de los sistemas de prensado, tienen validez las condiciones y los térrminos expuestos en el Manual Técnico de Sistemas de Prensado de Raccorderie Metalliche S.p.A.

8. Lengua, Litigios, Ley aplicable

8.1 Las posibles traducciones de las CDV deben entenderse como traducciones de cortesía, que no prevalecen ante el texto en italiano que es el único que da fe.
8.2 En caso de litigios es competente en vía exclusiva el Tribunal del lugar en el que tiene su sede la Sociedad.
8.3 Todos los aspectos no previstos en estas CGV y relacionados con las relaciones de venta entre RM y los Compradores estarán regulados por la ley italiana.

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178028316	57,118	181022451CU	227	181042900	35	181108301	32	183015012	44	183035001UNW	250
179015000	57,236	181022451CUNW	245	181042900G	76	181108301HT	96	183015012G	82	183035002	44
179015000NW	251	181022600	34	181042900HT	99	181108450	33	183015012U	235	183035002G	82
179015001	63	181022600HT	98	181042900ST	113	181108450G	75	183015020GD	90	183035002U	235
179018000	57,236	181022601	34	181042900U	228	181108450HT	97	183015102GD	90	183035002UNW	251
179018000NW	251	181022900C	35	181042900UNW	246	181108450NW	121	183015304GP	90	183035003	45
179018001	63	181022900CG	76	181042901	35	181108451	33	183015708GP	90	183035003G	82
179022000	57,236	181022900CHT	99	181042901G	76	181108451G	75	183018000	43	183035003HT	102
179022001	63	181022900CST	113	181042901HT	99	181108451HT	97	183018000G	81	183035003ST	116
179028000	57,236	181022900CU	228	181042901ST	113	181108451NW	121	183018000HT	102	183035003U	235
179028001	63	181022900CUNW	246	181042901U	228	181108600	34	183018000ST	115	183035003UNW	251
179035001	63	181022901C	35	181042901UNW	246	181108601	34	183018000U	234	183035012	44
179042001	63	181022901CG	76	181054150	31	181108900	35	183018000UNW	250	183035012G	82
179054001	63	181022901CHT	99	181054150HT	95	181108900G	76	183018001	43	183035114GD	90
179076001	63	181022901CST	113	181054151	31	181108900HT	99	183018001G	81	183042000	43
179088001	63	181022901CU	228	181054151HT	95	181108900NW	122	183018001U	234	183042000G	81
179108001	63	181022901CUNW	246	181054300	32	181108901	35	183018001UNW	250	183042000HT	102
180100316	382	181028150	31	181054300HT	96	181108901G	76	183018002	44	183042000ST	115
180102316	382	181028151	31	181054301	32	181108901HT	99	183018002G	82	183042000U	234
180104316	382	181028300	32	181054301HT	96	181108901NW	122	183018002U	235	183042000UNW	250
180108316	382	181028300HT	96	181054450	33	181139450	33	183018002UNW	251	183042001	43
180112316	382	181028301	32	181054450G	75	181139451	33	183018003	45	183042001G	81
180114316	382	181028450C	33	181054450HT	97	181139900	35	183018003G	82	183042001U	234
180200316	382	181028450CG	75	181054450ST	112	181139901	35	183018003HT	102	183042001UNW	250
180212316	382	181028450CHT	97	181054450U	227	181168450	33	183018003ST	116	183042002	44
180300316	382	181028450CST	112	181054450UNW	245	181168451	33	183018003U	235	183042002G	82
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180400316	382	181028451C	33	181054451HT	97	182015000	39	183018012G	82	183042003HT	102
181015150	31	181028451CG	75	181054451ST	112	182015000G	78	183018012U	235	183042003ST	116
181015151	31	181028451CHT	97	181054451U	227	182015000HT	100	183018012UNW	251	183042003U	235
181015300	32	181028451CST	112	181054451UNW	245	182015000ST	114	183018102GD	90	183042003UNW	251
181015301	32	181028451CU	227	181054600	34	182015000U	231	183018304GD	90	183042012	44
181015450C	33	181028451CUNW	245	181054600HT	98	182015000UNW	248	183018304GP	90	183042012G	82
181015450CG	75	181028600	34	181054601	34	182018000	39	183018708GC	91	183042012U	235
181015450CHT	97	181028600HT	98	181054900	35	182018000G	78	183018708GCP	91	183042022	44
181015450CST	112	181028601	34	181054900G	76	182018000HT	100	183018708GD	90	183042022G	82
181015450CU	227	181028601HT	98	181054900HT	99	182018000ST	114	183018708GP	90	183042112GD	90
181015450CUNW	245	181028900C	35	181054900ST	113	182018000U	231	183022000	43	183054000	43
181015451C	33	181028900CG	76	181054900U	228	182018000UNW	248	183022000G	81	183054000G	81
181015451CG	75	181028900CHT	99	181054900UNW	246	182022000	39	183022000HT	102	183054000HT	102
181015451CHT	97	181028900CST	113	181054901	35	182022000G	78	183022000ST	115	183054000ST	115
181015451CST	112	181028900CU	228	181054901G	76	182022000HT	100	183022000U	234	183054000U	234
181015451CU	227	181028900CUNW	246	181054901HT	99	182022000ST	114	183022000UNW	250	183054000UNW	250
181015451CUNW	245	181028901C	35	181054901ST	113	182022000U	231	183022001	43	183054001	43
181015600	34	181028901CG	76	181054901U	228	182022000UNW	248	183022001G	81	183054001G	81
181015601	34	181028901CHT	99	181054901UNW	246	182028000	39	183022001U	234	183054001U	234
181015900C	35	181028901CST	113	181076150C	31	182028000G	78	183022001UNW	250	183054001UNW	250
181015900CG	76	181028901CU	228	181076150CHT	95	182028000HT	100	183022002	44	183054002	44
181015900CHT	99	181028901CUNW	246	181076151C	31	182028000ST	114	183022002G	82	183054002G	82
181015900CST	113	181035150	31	181076300	32	182028000U	231	183022002U	235	183054003	45
181015900CU	228	181035151	31	181076300HT	96	182028000UNW	248	183022002UNW	251	183054003G	82
181015900CUNW	246	181035300	32	181076301	32	182035000	39	183022003	45	183054003HT	102
181015901C	35	181035300HT	96	181076301HT	96	182035000G	78	183022003G	82	183054003ST	116
181015901CG	76	181035301	32	181076450	33	182035000HT	100	183022003HT	102	183054003U	235
181015901CHT	99	181035450	33	181076450G	75	182035000ST	114	183022003ST	116	183054003UNW	251
181015901CST	113	181035450G	75	181076450HT	97	182035000U	231	183022003U	235	183054012	44
181015901CU	228	181035450HT	97	181076450NW	121	182035000UNW	248	183022003UNW	251	183054012G	82
181015901CUNW	246	181035450ST	112	181076451	33	182042000	39	183022012	44	183054012U	235
181018150	31	181035450U	227	181076451G	75	182042000G	78	183022012G	82	183054022	44
181018150HT	95	181035450UNW	245	181076451HT	97	182042000HT	100	183022012U	235	183054022G	82
181018300	32	181035451	33	181076451NW	121	182042000ST	114	183022012UNW	251	183054200GD	90
181018300HT	96	181035451G	75	181076600	34	182042000U	231	183022304GD	90	183076000	43
181018450C	33	181035451HT	97	181076601	34	182042000UNW	248	183022304GP	90	183076000G	81

RACCORDERIE METALLICHE

183076000HT	102	184028002IG	88	186102015FCU	230	187212076	49	189200076NW	123	19011435NPT	51
183076000NW	124	184028002IU	241	186102018C	38	187212076G	84	189200088	40	190200054	50
183076001	43	184028002U	240	186102018CU	230	187212076NW	125	189200088G	79	190200054G	85
183076001G	81	184028002UNW	255	186102018CUNW	247	187300088	49	189200088NW	123	190200054HT	104
183076001NW	124	184028003	54	186112042	38	187300088G	84	189200108	40	190200054ST	117
183076003	45	184028003G	87	186114035	38	187300088NW	125	189200108G	79	190200054U	238
183076003G	82	184028003I	55	186114042	38	187304015	49	189200108NW	123	190200054UNW	253
183076003NW	124	184028003IG	88	186200054	38	187304015G	84	189200139	40	19020054NPT	51
183088000	43	184028003IHT	105	186304018FCU	230	187304015U	237	189200168	40	190304015	50
183088000G	81	184028003IU	241	186304022C	38	187304015UNW	252	189304018	40	190304015G	85
183088000HT	102	184028003U	240	186304022CU	230	187304018	49	189304018G	79	190304015U	238
183088000NW	124	184028003UNW	255	186304022CUNW	247	187304018G	84	189304018U	231	190304015UNW	253
183088001	43	184028342	54	187015000R	48	187304018U	237	189304022	40	190304018	50
183088001G	81	184028342G	87	187018000R	48	187304018UNW	252	189304022G	79	190304018G	85
183088001NW	124	184028343	54	187022000R	48	187304022	49	189304022HT	100	190304018U	238
183088003	45	184028343G	87	187028000R	48	187304022G	84	189304022ST	114	190304018UNW	253
183088003G	82	184035000	53	187035000R	48	187304022HT	103	189304022U	231	190304022	50
183088003NW	124	184035001	53	187042000R	48	187304022ST	116	189304022UNW	248	190304022G	85
183108000	43	184035001U	239	187042000RHT	103	187304022U	237	189304028	40	190304022HT	104
183108000G	81	184035001UNW	254	187054000R	48	187304022UNW	252	189304028G	79	190304022ST	117
183108000NW	124	184035002	54	187054000RHT	103	187304028	49	189304028HT	100	190304022U	238
183108001	43	184035002G	87	187076000R	48	187304028G	84	189304028MF	39	190304022UNW	253
183108001G	81	184035002I	55	187088000R	48	187304028HT	103	189304028ST	114	190304028	50
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183108003	45	184035002IU	241	187100022G	84	187304028U	237	189304028UNW	248	190304028HT	104
183108003G	82	184035002U	240	187100022HT	103	187304028UNW	252	189304035	40	190304028ST	117
183108003NW	124	184035002UNW	255	187100022ST	116	18730422NPT	50	189304035G	79	190304028U	238
183139000	43	184035003	54	187100022U	237	187308015	49	189304042	40	190304028UNW	253
183139003	45	184035003G	87	187100022UNW	252	187308015G	84	189304042G	79	19030422NPT	51
183168000	43	184035003I	55	187100028	49	187308015HT	103	189304054	40	191018015	56
183168003	45	184035003IG	88	187100028G	84	18730815NPT	50	189304054G	79	191018015G	89
184015000	53	184035003IU	241	187100028HT	103	187400108	49	189304054HT	100	191018015HT	105
184015001	53	184035003U	240	187100028ST	116	187400108G	84	189304076	40	191018015ST	117
184015001U	239	184035003UNW	255	187100028U	237	187400108NW	125	189304076G	79	191018015U	242
184015001UNW	254	184042000	53	187100028UNW	252	188028022	42	189304076HT	100	191018015UNW	256
184015002	54	184042001	53	187100035	49	188028022G	78	189304076NW	123	191022015	56
184015002G	87	184042001U	239	187100035G	84	188035022	42	189304088	40	191022015G	89
184015002I	55	184042001UNW	254	187100035U	237	188035022G	78	189304088G	79	191022015U	242
184015002IG	88	184042002	54	187100035UNW	252	188035028	42	189304088NW	123	191022015UNW	256
184015002IU	241	184042002G	87	18710028NPT	50	188035028G	78	189304108	40	191022018	56
184015002U	240	184042002I	55	187102015	49	188042028	42	189304108G	79	191022018G	89
184015002UNW	255	184042002IU	241	187102015G	84	188042028G	78	189304108NW	123	191022018HT	105
184015003	54	184042002U	240	187102015HT	103	188054028	42	190100022	50	191022018ST	117
184015003G	87	184042002UNW	255	187102015ST	116	188054028G	78	190100022G	85	191022018U	242
184015003I	55	184042003	54	187102015U	237	188054028HT	101	190100022U	238	191022018UNW	256
184015003IG	88	184042003G	87	187102015UNW	252	189100028	40	190100022UNW	253	191028015	56
184015003IU	241	184042003I	55	187102018	49	189100028U	231	190100028	50	191028015G	89
184015003U	240	184042003IU	241	187102018G	84	189100028UNW	248	190100028G	85	191028015HT	105
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184015012I	55	184042003UNW	255	187102018ST	116	189100035HT	100	190100028ST	117	191028015UNW	256
184015013I	55	184054000	53	187102018U	237	189100035ST	114	190100028U	238	191028018	56
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184018001	53	184054001U	239	187102022	49	189100042HT	100	190100035	50	191028018HT	105
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184018002	54	184054002I	55	187102022U	237	189100168	40	19010028NPT	51	191028022G	89
184018002G	87	184054002IU	241	187102022UNW	252	189102015	40	190102015	50	191028022HT	105
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184018002IG	88	184054002UNW	255	18710215NPT	50	189102015HT	100	190102015HT	104	191028022U	242
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184018002UNW	255	184054003I	55	187108000RHT	103	189102015U	231	190102015UNW	253	191035015G	89
184018003	54	184054003IU	241	187112035	49	189102015UNW	248	190102018	50	191035015U	242
184018003G	87	184054003U	240	187112035G	84	189102018	40	190102018G	85	191035015UNW	256
184018003I	55	184054003UNW	255	187112035U	237	189102018G	79	190102018HT	104	191035018	56
184018003IG	88	185000C0NG	89	187112035UNW	252	189102018HT	100	190102018ST	117	191035018G	89
184018003IU	241	185100122G	83	187112042	49	189102018ST	114	190102018U	238	191035018HT	105
184018003U	240	185100128G	83	187112042G	84	189102018U	231	190102018UNW	253	191035018U	242
184018003UNW	255	185102015	45	187112042HT	103	189102018UNW	248	190102022	50	191035018UNW	256
184018012I	55	185102015G	83	187112042ST	116	189102022	40	190102022G	85	191035022	56
184018013I	55	185102015M	46	187112042U	237	189102022G	79	190102022U	238	191035022G	89
184022000	53	185102015U	236	187112042UNW	252	189102022HT	100	190102022UNW	253	191035022HT	105
184022001	53	185102018	45	187112054	49	189102022MF	39	190102028	50	191035022U	242
184022001U	239	185102018G	83	187112054G	84	189102022ST	114	190102028HT	104	191035022UNW	256
184022001UNW	254	185102018M	46	187112054HT	103	189102022U	231	19010215NPT	51	191035028	56
184022002	54	185102018U	236	187112054U	237	189102022UNW	248	19010218NPT	51	191035028G	89
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184022002IG	88	185102115M	47	187114028	49	189102028HT	100	190112042	50	191035028U	242
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184022003	54	185102315U	236	187114035	49	189102035	40	190112042U	238	191042018	56
184022003G	87	185102318	47	187114035G	84	189102035G	79	190112042UNW	253	191042018G	89
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184022003U	240	185304022	45	187114035UNW	252	189102042	40	190112054UNW	253	191042022U	242
184022003UNW	255	185304022G	83	187114042	49	189102042G	79	19011242NPT	51	191042022UNW	256
184022012I	55	185304022M	46	187114042G	84	189102042HT	100	190114028	50	191042028	56
184022013I	55	185304022U	236	187114042HT	103	189102042U	231	190114028G	85	191042028EST	118
184022022I	55	185304122	46	187114042U	237	189102042UNW	248	190114028U	238	191042028G	89
184022122	54	185304122M	47	187114042UNW	252	189102054	40	190114028UNW	253	191042028HT	105
184022122G	87	185304218	46	18711435NPT	50	189102054G	79	190114035	50	191042028ST	117
184022123	54	186042134R	38	187139000R	48	189102054HT	100	190114035G	85	191042028U	242
184022123G	87	186054238R	38	187168000R	48	189102054U	231	190114035HT	104	191042028UNW	256
184028000	53	186100028C	38	187200054	49	189102054UNW	248	190114035ST	117	191042035	56
184028001	53	186100028CU	230	187200054G	84	189200054	40	190114035U	238	191042035G	89
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184028001UNW	254	186100035	38	187200054ST	116	189200054HT	100	190114042	50	191042035ST	117
184028002	54	186102015C	38	187200054U	237	189200054ST	114	190114042G	85	191042035U	242
184028002G	87	186102015CU	230	187200054UNW	252	189200076	40	190114042U	238	191042035UNW	256
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191054015G	89	192035022ST	115	192108076HT	101	193088002	59	196001019	196	197304028	37
191054018	56	192035022U	232	192108076NW	123	193088003	61	196001020	197	197304028G	77
191054018G	89	192035022UNW	249	192108088	41	193088004	61	196001021	197	197304028U	229
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