



Collari e sistemi di fissaggio

BRACKETS FOR PIPE SUPPORTS AND FIXING SYSTEMS

ROHSCELLEN UND ROHRBEFESTIGUNGEN SYSTEME

COLLIERS DE FIXATION POUR TUBES

ABRAZADERAS Y SISTEMAS DE FIJACIÓN

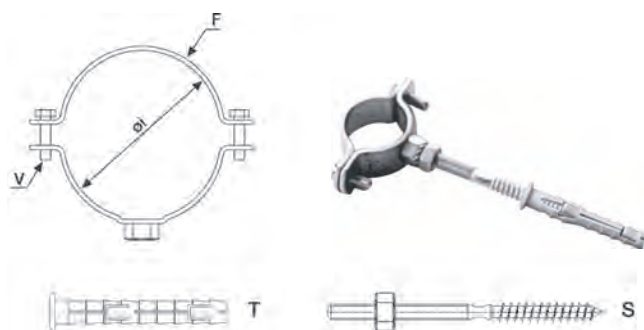
Certificazioni / Certifications



COLLARS AND FIXING SYSTEM

POCC IT.AM05.H05079

Ø 15 – 108 mm



255

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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

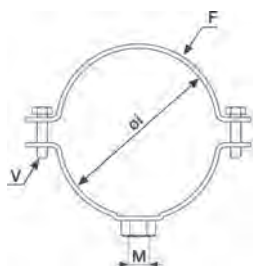
MATERIAL: St. W 24**NOTE:** dado saldato con puntatura elettrica
spot welded nut

| CODE | DN inch | Øi mm | F lg x sp mm | V mm | S mm | T mm | | | | | € |
|-----------|------------|----------|-----------------|----------|------------|---------|-----|---|------|------|-------|
| 255308000 | 3/8" | 16-18 | 20 x 2,5 | M 6 x 20 | M 8 x 100 | 10 x 70 | 92 | 2 | 100* | 5600 | 1,38 |
| 255102000 | 1/2" | 20-22 | 20 x 2,5 | M 6 x 20 | M 8 x 100 | 10 x 70 | 98 | 2 | 100* | 5600 | 1,30 |
| 255304000 | 3/4" | 25-28 | 20 x 2,5 | M 6 x 20 | M 8 x 100 | 10 x 70 | 107 | 2 | 100* | 3600 | 1,39 |
| 255100000 | 1" | 31-35 | 20 x 2,5 | M 6 x 20 | M 8 x 100 | 10 x 70 | 116 | 2 | 50* | 2800 | 1,45 |
| 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 | 1,66 |
| 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 | 1,74 |
| 255200000 | 2" | 58-61 | 20 x 2,5 | M 6 x 20 | M 8 x 100 | 10 x 70 | 156 | 2 | 50* | 2800 | 1,98 |
| 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 | 4,11 |
| 255300000 | 3" | 86-89 | 30 x 2,5 | M 6 x 20 | M 10 x 120 | 14 x 70 | 280 | 2 | 20* | 1120 | 4,64 |
| 255400000 | 4" | 110-115 | 30 x 2,5 | M 6 x 20 | M 10 x 120 | 14 x 70 | 328 | 2 | 20* | 1120 | 5,12 |
| 255500000 | 5" | 139-143 | 30 x 2,5 | M 6 x 20 | M 10 x 120 | 14 x 70 | 393 | 2 | 10* | 560 | 8,07 |
| 255600000 | 6" | 166-170 | 30 x 2,5 | M 6 x 20 | M 10 x 120 | 14 x 70 | 449 | 2 | 10* | 560 | 9,49 |
| 255800000 | 8" | 217-221 | 30 x 2,5 | M 6 x 20 | M 10 x 120 | 14 x 70 | 538 | 2 | 10* | 560 | 11,93 |

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

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


251

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

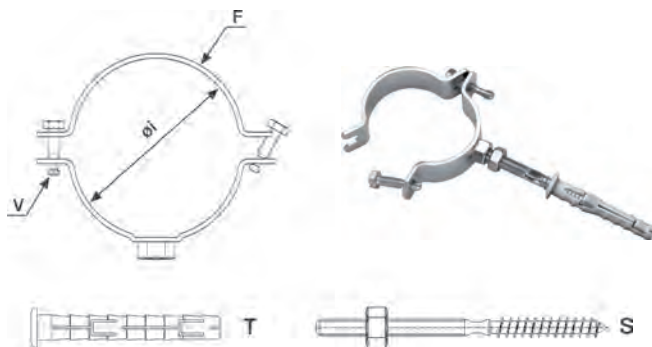
MATERIAL: St. W 24**NOTE:** dado saldato con puntatura elettrica
spot welded nut

| CODE | DN inch | Øi mm | F lg x sp mm | V mm | M |  |  |  |  | € |
|-----------|------------|----------|-----------------|----------|------|---|---|---|---|-------|
| 251308000 | 3/8" | 16-18 | 20 x 2,5 | M 6 x 20 | M 8 | 65 | 2 | 100* | 5600 | 1,22 |
| 251102000 | 1/2" | 20-22 | 20 x 2,5 | M 6 x 20 | M 8 | 70 | 2 | 100* | 5600 | 1,18 |
| 251304000 | 3/4" | 25-28 | 20 x 2,5 | M 6 x 20 | M 8 | 80 | 2 | 100* | 5600 | 1,20 |
| 251100000 | 1" | 31-35 | 20 x 2,5 | M 6 x 20 | M 8 | 90 | 2 | 100* | 5600 | 1,23 |
| 251114000 | 1 1/4" | 39-43 | 20 x 2,5 | M 6 x 20 | M 8 | 84 | 2 | 50* | 2800 | 1,39 |
| 251112000 | 1 1/2" | 45-48,5 | 20 x 2,5 | M 6 x 20 | M 8 | 110 | 2 | 50* | 2800 | 1,44 |
| 251200000 | 2" | 58-61 | 20 x 2,5 | M 6 x 20 | M 8 | 120 | 2 | 50* | 2800 | 1,62 |
| 251212000 | 2 1/2" | 73-76,5 | 30 x 2,5 | M 6 x 20 | M 10 | 189 | 2 | 20* | 1920 | 3,27 |
| 251300000 | 3" | 86-89 | 30 x 2,5 | M 6 x 20 | M 10 | 215 | 2 | 20* | 1120 | 3,44 |
| 251400000 | 4" | 110-115 | 30 x 2,5 | M 6 x 20 | M 10 | 258 | 2 | 20* | 1120 | 3,91 |
| 251500000 | 5" | 139-143 | 30 x 2,5 | M 6 x 20 | M 10 | 332 | 2 | 10* | 560 | 7,15 |
| 251600000 | 6" | 166-170 | 30 x 2,5 | M 6 x 20 | M 10 | 379 | 2 | 10* | 560 | 8,38 |
| 251800000 | 8" | 217-221 | 30 x 2,5 | M 6 x 20 | M 10 | 473 | 2 | 10* | 560 | 10,53 |

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 PRATI^{KO}

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355

COLLARE CON SGANCIO, DADO PUNTATO

- COLLAR FOR PIPE CLAMPING-SPOT WELDED NUT
- SCHELLE FÜR ROHRBEFESTIGUNGSPUNKTGESCHWEISSTE 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

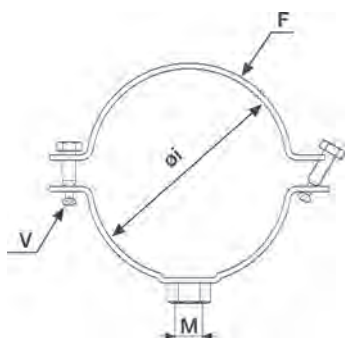
| CODE | DN inch | Øi mm | F lg x sp mm | V mm | S mm | T mm |  |  |  |  | € |
|-----------|------------|----------|-----------------|----------|------------|---------|--|---|---|---|------|
| 355308000 | 3/8" | 16-18 | 20 x 2,5 | M 6 x 20 | M 8 x 100 | 10 x 70 | 95 | 2 | 100* | 5600 | 1,41 |
| 355102000 | 1/2" | 20-22 | 20 x 2,5 | M 6 x 20 | M 8 x 100 | 10 x 70 | 98 | 2 | 100* | 5600 | 1,35 |
| 355304000 | 3/4" | 25-28 | 20 x 2,5 | M 6 x 25 | M 8 x 100 | 10 x 70 | 100 | 2 | 100* | 3600 | 1,41 |
| 355100000 | 1" | 31-35 | 20 x 2,5 | M 6 x 25 | M 8 x 100 | 10 x 70 | 110 | 2 | 50* | 2800 | 1,48 |
| 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 | 1,68 |
| 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 | 1,76 |
| 355054000 | 54 mm | 52-56 | 20 x 2,5 | M 6 x 25 | M 8 x 100 | 10 x 70 | 130 | 2 | 50* | 2800 | 1,89 |
| 355200000 | 2" | 58-61 | 20 x 2,5 | M 6 x 25 | M 8 x 100 | 10 x 70 | 133 | 2 | 50* | 2800 | 1,99 |
| 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 | 4,15 |
| 355300000 | 3" | 86-89 | 30 x 2,5 | M 6 x 25 | M 10 x 120 | 14 x 70 | 288 | 2 | 20* | 1120 | 4,65 |
| 355108000 | 108 mm | 106-110 | 30 x 2,5 | M 6 x 25 | M 10 x 120 | 14 x 70 | 305 | 2 | 20* | 1120 | 5,13 |
| 355400000 | 4" | 110-115 | 30 x 2,5 | M 6 x 25 | M 10 x 120 | 14 x 70 | 326 | 2 | 20* | 1120 | 5,13 |

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 PRATI^{KO}

Y 20 21



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COLLARE CON SGANCIO SENZA VITE E TASSELLO, DADO PUNTATO

- COLLAR FOR PIPE CLAMPING WITHOUT DOWEL & WOOD-IRON SCREW
- SCHELLE FÜR ROHRBEFESTIGUNG OHNE DÜBEL 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 | | | | | € |
|-----------|------------|----------|-----------------|----------|------|-----|---|------|------|------|
| 351308000 | 3/8" | 16-18 | 20 x 2,5 | M 6 x 20 | M 8 | 63 | 2 | 100* | 5600 | 1,26 |
| 351102000 | 1/2" | 20-22 | 20 x 2,5 | M 6 x 20 | M 8 | 65 | 2 | 100* | 5600 | 1,19 |
| 351304000 | 3/4" | 25-28 | 20 x 2,5 | M 6 x 25 | M 8 | 69 | 2 | 100* | 5600 | 1,23 |
| 351100000 | 1" | 31-35 | 20 x 2,5 | M 6 x 25 | M 8 | 78 | 2 | 100* | 5600 | 1,25 |
| 351114000 | 1 1/4" | 39-43 | 20 x 2,5 | M 6 x 25 | M 8 | 89 | 2 | 50* | 2800 | 1,42 |
| 351112000 | 1 1/2" | 45-48,5 | 20 x 2,5 | M 6 x 25 | M 8 | 93 | 2 | 50* | 2800 | 1,45 |
| 351054000 | 5/4 mm | 52-56 | 20 x 2,5 | M 6 x 25 | M 8 | 100 | 2 | 50* | 2800 | 1,56 |
| 351200000 | 2" | 58-61 | 20 x 2,5 | M 6 x 25 | M 8 | 108 | 2 | 50* | 2800 | 1,66 |
| 351212000 | 2 1/2" | 73-76,5 | 30 x 2,5 | M 6 x 25 | M 10 | 187 | 2 | 20* | 1920 | 3,27 |
| 351300000 | 3" | 86-89 | 30 x 2,5 | M 6 x 25 | M 10 | 215 | 2 | 20* | 1120 | 3,44 |
| 351108000 | 108 mm | 106-110 | 30 x 2,5 | M 6 x 25 | M 10 | 232 | 2 | 20* | 1120 | 3,91 |
| 351400000 | 4" | 110-115 | 30 x 2,5 | M 6 x 25 | M 10 | 256 | 2 | 20* | 1120 | 3,91 |

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

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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 | | | | € |
|------------|---------|------------|----------|-----|-------|----------|------|
| 216008100K | 10 x 70 | M 8 x 100 | M 8 | 75 | 1 kit | 200 kit* | 1,99 |
| 216010120K | 14 x 70 | M 10 x 120 | M 10 | 140 | 1 kit | 100 kit* | 2,72 |

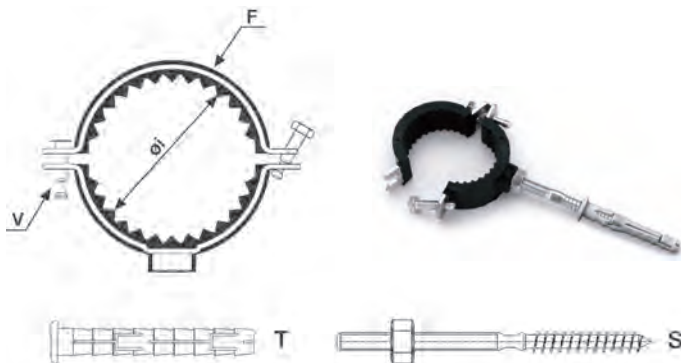
Kit : n° 2 tasselli, n° 2 viti, n° 2 dadi.

Kit : n° 2 plugs, n° 2 screws, n° 2 back nuts.

(*) unità minima di vendita / minimum selling quantity

COLLARI / COLLARS PRATI^{KO}

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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 ShoreNOTE: dado saldato con puntatura elettrica
spot welded nut

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DIN 4109

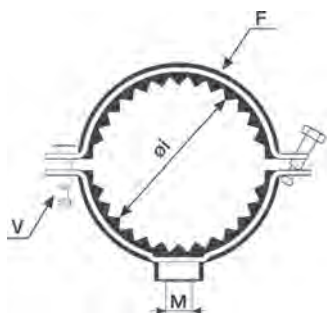
| CODE | DN inch | Øi mm | F lg x sp mm | V mm | S mm | T mm | | | | | € |
|-----------|------------|----------|-----------------|----------|------------|---------|-----|---|-----|------|-------|
| 355150001 | 15 mm | 15-18 | 20 x 2,5 | M 6 x 20 | M 8 x 100 | 10 x 70 | 104 | 2 | 50* | 2800 | 4,26 |
| 355308001 | 3/8" | 17-19 | 20 x 2,5 | M 6 x 20 | M 8 x 100 | 10 x 70 | 100 | 2 | 50* | 2800 | 4,19 |
| 355102001 | 1/2" | 21-23 | 20 x 2,5 | M 6 x 20 | M 8 x 100 | 10 x 70 | 115 | 2 | 50* | 2800 | 4,19 |
| 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 | 4,37 |
| 355100001 | 1" | 33-35 | 20 x 2,5 | M 6 x 25 | M 8 x 100 | 10 x 70 | 137 | 2 | 50* | 2800 | 5,01 |
| 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 | 5,55 |
| 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 | 6,17 |
| 355200001 | 2" | 60-63 | 20 x 2,5 | M 6 x 25 | M 8 x 100 | 10 x 70 | 172 | 2 | 20* | 1120 | 6,80 |
| 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 | 10,78 |
| 355300001 | 3" | 81-89 | 30 x 2,5 | M 6 x 25 | M 10 x 120 | 14 x 70 | 412 | 2 | 10* | 560 | 11,88 |
| 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 | 13,33 |
| 355400001 | 4" | 110-117 | 30 x 2,5 | M 6 x 25 | M 10 x 120 | 14 x 70 | 470 | 2 | 10* | 560 | 13,26 |

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 PRATI^{KO}

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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

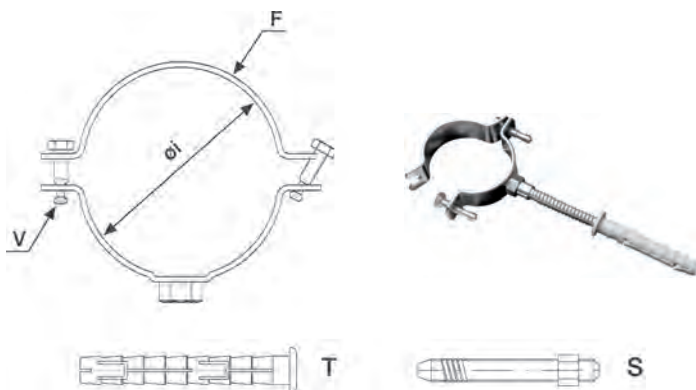
| CODE | DN inch | Øi mm | F lg x sp mm | V mm | M |  |  |  |  | € |
|-----------|------------|----------|-----------------|----------|------|---|---|---|---|-------|
| 351150001 | 15 mm | 15 | 20 x 2,5 | M 6 x 20 | M 8 | 60 | 2 | 50* | 2800 | 3,85 |
| 351308001 | 3/8" | 17-19 | 20 x 2,5 | M 6 x 20 | M 8 | 69 | 2 | 50* | 2800 | 3,72 |
| 351102001 | 1/2" | 21-23 | 20 x 2,5 | M 6 x 20 | M 8 | 79 | 2 | 50* | 2800 | 3,72 |
| 351304001 | 3/4" | 26,5-28 | 20 x 2,5 | M 6 x 25 | M 8 | 88 | 2 | 50* | 2800 | 4,05 |
| 351100001 | 1" | 33-35 | 20 x 2,5 | M 6 x 25 | M 8 | 105 | 2 | 50* | 2800 | 4,82 |
| 351114001 | 1 1/4" | 40-45 | 20 x 2,5 | M 6 x 25 | M 8 | 109 | 2 | 50* | 2800 | 5,46 |
| 351112001 | 1 1/2" | 48-50 | 20 x 2,5 | M 6 x 25 | M 8 | 132 | 2 | 50* | 1800 | 6,01 |
| 351200001 | 2" | 60-63 | 20 x 2,5 | M 6 x 25 | M 8 | 149 | 2 | 20* | 1920 | 6,64 |
| 351212001 | 2 1/2" | 71-80 | 30 x 2,5 | M 6 x 25 | M 10 | 282 | 2 | 20* | 720 | 10,46 |
| 351300001 | 3" | 81-89 | 30 x 2,5 | M 6 x 25 | M 10 | 342 | 2 | 10* | 560 | 11,48 |
| 351312001 | 3 1/2" | 99-103 | 30 x 2,5 | M 6 x 25 | M 10 | 360 | 2 | 10* | 560 | 12,69 |
| 351400001 | 4" | 110-117 | 30 x 2,5 | M 6 x 25 | M 10 | 379 | 2 | 10* | 560 | 13,03 |

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

COLLARI / COLLARS **PRATI^{KO}**





Y 2021

**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 |  |  |  |  | € |
|-----------|------------|----------|-----------------|----------|-----------|---------|--|---|---|---|------|
| 555308000 | 3/8" | 16-18 | 20 x 2,5 | M 6 x 20 | M 8 x 93 | 10 x 70 | 95 | 2 | 100* | 5600 | 1,48 |
| 555102000 | 1/2" | 20-22 | 20 x 2,5 | M 6 x 20 | M 8 x 93 | 10 x 70 | 98 | 2 | 100* | 5600 | 1,42 |
| 555304000 | 3/4" | 25-28 | 20 x 2,5 | M 6 x 25 | M 8 x 93 | 10 x 70 | 100 | 2 | 100* | 5600 | 1,52 |
| 555100000 | 1" | 31-35 | 20 x 2,5 | M 6 x 25 | M 8 x 93 | 10 x 70 | 110 | 2 | 50* | 2800 | 1,57 |
| 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 | 1,76 |
| 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 | 1,86 |
| 555200000 | 2" | 58-61 | 20 x 2,5 | M 6 x 25 | M 8 x 93 | 10 x 70 | 133 | 2 | 50* | 2800 | 2,06 |
| 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 | 4,38 |
| 555300000 | 3" | 86-89 | 30 x 2,5 | M 6 x 25 | M 10 x 90 | 14 x 70 | 198 | 2 | 20* | 1120 | 4,97 |
| 555400000 | 4" | 110-115 | 30 x 2,5 | M 6 x 25 | M 10 x 90 | 14 x 70 | 240 | 2 | 20* | 1120 | 5,62 |

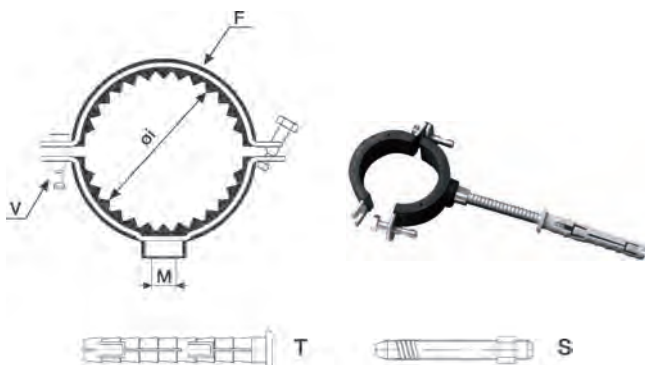
Vite a battente: M 8 x 93 mm cod. 216008093 - M 10 x 90 mm cod. 216010093 Tassello: 10 x 70 mm cod. 252100700 - 14 x 70 mm cod. 252140700

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 PRATI^{KO}

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 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
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

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DIN 4109

| CODE | DN inch | Øi mm | F lg x sp mm | V mm | S mm | T mm | M | | | | | € |
|-----------|------------|----------|-----------------|----------|-----------|---------|------|-----|---|-----|------|-------|
| 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 | 4,37 |
| 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 | 4,37 |
| 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 | 4,37 |
| 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 | 4,52 |
| 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 | 5,23 |
| 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 | 5,85 |
| 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 | 6,33 |
| 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 | 7,01 |
| 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 | 10,83 |
| 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 | 12,29 |
| 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 | 13,42 |
| 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 | 13,39 |

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

| N° | 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") | 80 N/m |
| 2 | dado / back nut M10 (da / from 2"1/2 fino / till 8") | 120 N/m |
| 3 | manicotto / socket 1/2" | 140 N/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".

PROVE DI SFILAMENTO A TRAZIONE VITE - TASSELLO A BATTENTE EXTRACTION TEST OF "HAMMER" SCREW

Art. 555 - 555/G COLLARI CON VITE TASSELLO A BATTENTE - COLLARS WITH "HAMMER" SCREW/PLUG

| N° | Supporto Material | Carico di tenuta a trazione Tensile load value daN \approx Kg _f | Carico Max di utilizzo Max load of use daN \approx Kg _f |
|----|---|--|--|
| 1 | mattone pieno / full brick | 497 | 119 |
| 2 | mattone forato intonacato (laterizio comune) plastered perforated brick (common brick) | 254 | 43 |
| 3 | calcestruzzo / concrete | 524 | 131 |

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

ANALYSIS OF THE SOUND LEVEL

Eseguito da:

Performed by:

Centre de Recherche de Marne La Vallee

Centre de Recherche de Marne La Vallee

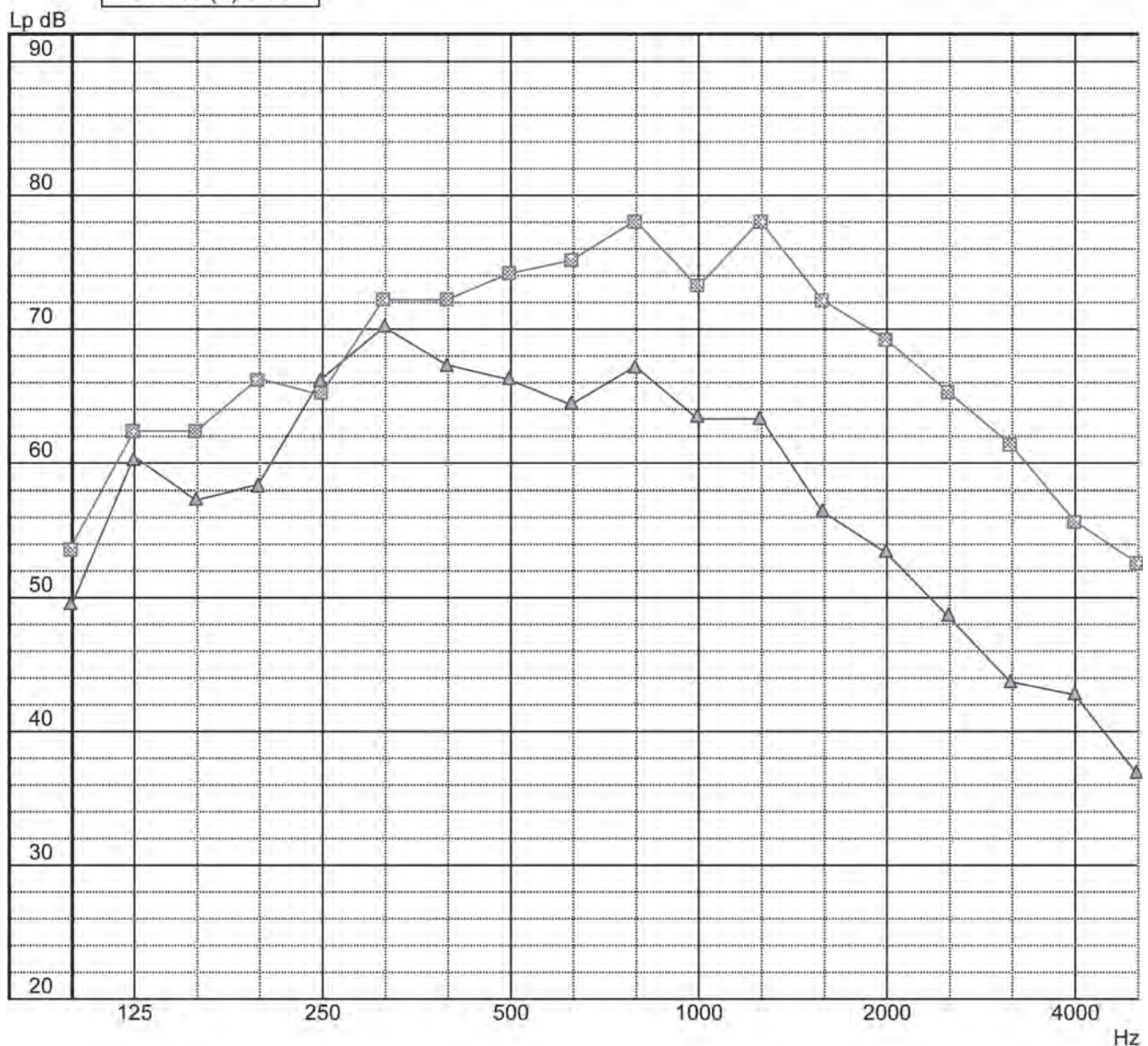
DATO

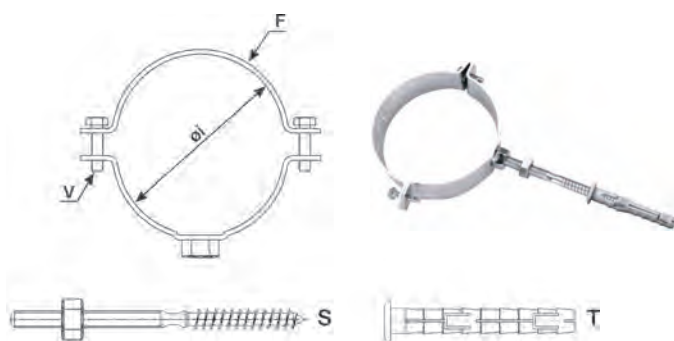
DATUM

■ GEB sous 0,3 Mpa (collier ATLAS STANDARD) LpG1 = 81 dB(A)

▲ GEB sous 0,3 Mpa (collier PRATICO ISOPHONIQUE) LpG2 = 70 dB(A)

$\Delta LG \text{ dB(A)} = 10$





360

COLLARE FISSAGGIO TUBO POLIETILENE

- COLLAR FOR PIPE CLAMPING FOR POLYETHYLENE PIPE
- SCHELLE FÜR BEFESTIGUNG VON POLYÄTHYLENROHREN
- COLLIER DE FIXATION POUR TUBE POLYÉTHYLENE
- 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"

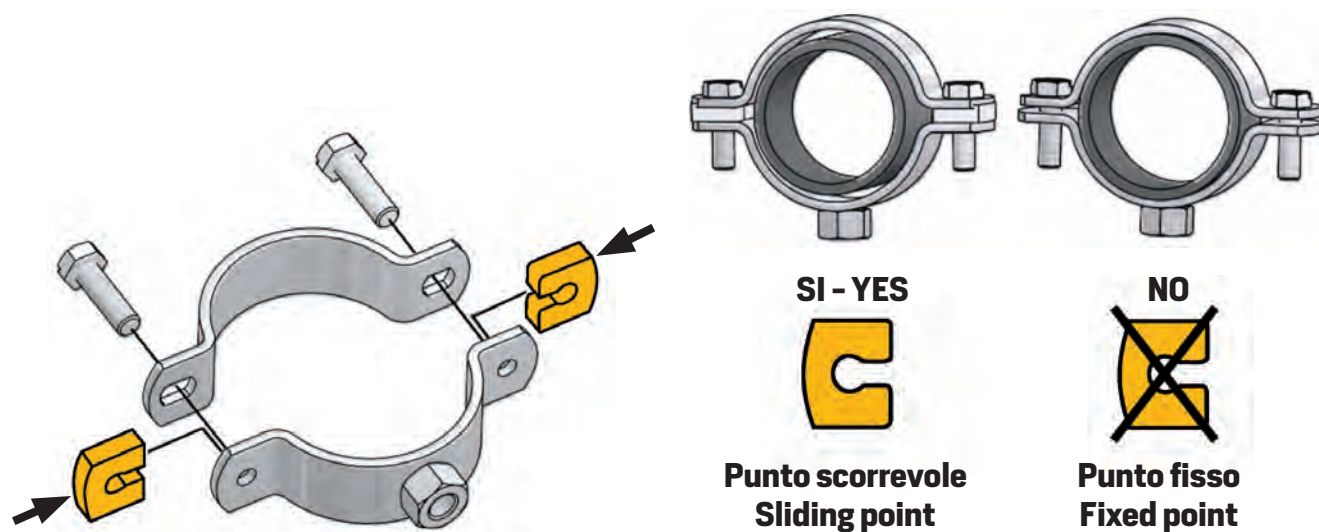
| CODE | ØI PE mm | F lg x sp mm | V mm | S mm | T mm | | | | | € |
|-----------|-------------|-----------------|----------|------------|---------|-----|---|-----|------|------|
| 360040000 | 40 | 30 x 2,5 | M 6 x 20 | M 10 x 120 | 14 x 70 | 194 | 2 | 30* | 1680 | 3,68 |
| 360050000 | 50 | 30 x 2,5 | M 6 x 20 | M 10 x 120 | 14 x 70 | 216 | 2 | 30* | 1680 | 3,74 |
| 360063000 | 63 | 30 x 2,5 | M 6 x 20 | M 10 x 120 | 14 x 70 | 235 | 2 | 30* | 1680 | 4,02 |
| 360075000 | 75 | 30 x 2,5 | M 6 x 20 | M 10 x 120 | 14 x 70 | 253 | 2 | 30* | 1680 | 4,31 |
| 360090000 | 90 | 30 x 2,5 | M 6 x 20 | M 10 x 120 | 14 x 70 | 274 | 2 | 20* | 1120 | 4,36 |
| 360100000 | 100 | 30 x 2,5 | M 6 x 20 | M 10 x 120 | 14 x 70 | 328 | 2 | 20* | 1120 | 4,84 |
| 360110000 | 110 | 30 x 2,5 | M 6 x 20 | M 10 x 120 | 14 x 70 | 322 | 2 | 20* | 1120 | 4,65 |
| 360125000 | 125 | 30 x 2,5 | M 6 x 20 | M 10 x 120 | 14 x 70 | 350 | 2 | 20* | 1120 | 5,61 |
| 260140000 | 140 | 30 x 2,5 | M 6 x 20 | M 10 x 120 | 14 x 70 | 380 | 2 | 10* | 560 | 6,51 |
| 260160000 | 160 | 30 x 2,5 | M 6 x 20 | M 10 x 120 | 14 x 70 | 440 | 2 | 10* | 560 | 6,61 |
| 260200000 | 200 | 30 x 2,5 | M 6 x 20 | M 10 x 120 | 14 x 70 | 480 | 2 | 10* | 560 | 9,26 |

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



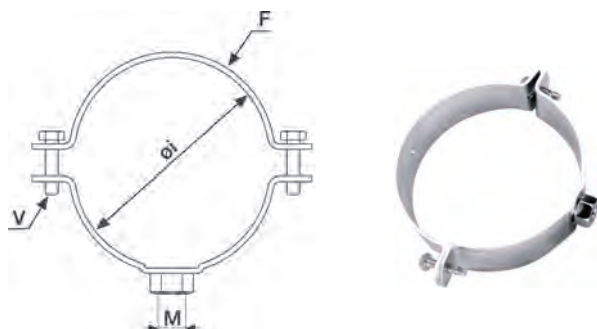
Y 20 21

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 | | | | | € |
|-----------|-------------|-----------------|----------|------|-----|---|-----|------|------|
| 361040000 | 40 | 30 x 2,5 | M 6 x 20 | M 10 | 123 | 2 | 30* | 1680 | 2,64 |
| 361050000 | 50 | 30 x 2,5 | M 6 x 20 | M 10 | 146 | 2 | 30* | 1680 | 2,68 |
| 361063000 | 63 | 30 x 2,5 | M 6 x 20 | M 10 | 165 | 2 | 30* | 1680 | 2,90 |
| 361075000 | 75 | 30 x 2,5 | M 6 x 20 | M 10 | 198 | 2 | 30* | 1680 | 3,26 |
| 361090000 | 90 | 30 x 2,5 | M 6 x 20 | M 10 | 212 | 2 | 20* | 1120 | 3,27 |
| 361100000 | 100 | 30 x 2,5 | M 6 x 20 | M 10 | 242 | 2 | 20* | 1120 | 3,66 |
| 361110000 | 110 | 30 x 2,5 | M 6 x 20 | M 10 | 253 | 2 | 20* | 1120 | 3,65 |
| 361125000 | 125 | 30 x 2,5 | M 6 x 20 | M 10 | 287 | 2 | 20* | 1120 | 4,64 |
| 261140000 | 140 | 30 x 2,5 | M 6 x 20 | M 10 | 320 | 2 | 10* | 560 | 5,30 |
| 261160000 | 160 | 30 x 2,5 | M 6 x 20 | M 10 | 350 | 2 | 10* | 560 | 5,66 |
| 261200000 | 200 | 30 x 2,5 | M 6 x 20 | M 10 | 410 | 2 | 10* | 560 | 7,37 |

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

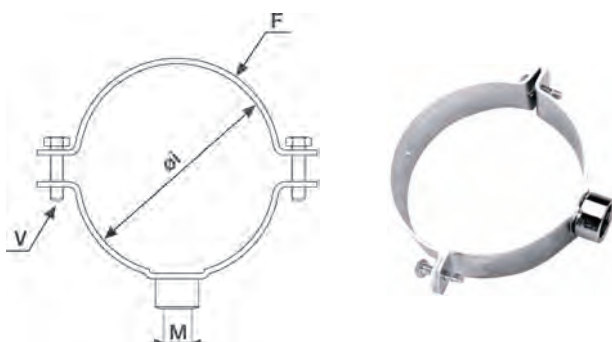
Y 20 21

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"

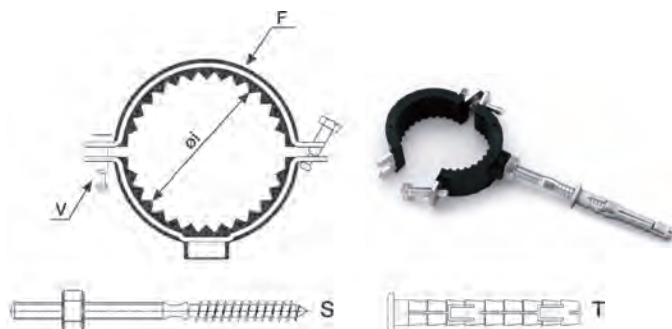


| CODE | Øi PE mm | F lg x sp mm | V mm | M | | | | | € |
|-----------|-------------|-----------------|----------|------|-----|---|-----|------|------|
| 362040000 | 40 | 30 x 2,5 | M 6 x 20 | 1/2" | 198 | 2 | 30* | 1680 | 3,30 |
| 362050000 | 50 | 30 x 2,5 | M 6 x 20 | 1/2" | 222 | 2 | 30* | 1680 | 3,51 |
| 362063000 | 63 | 30 x 2,5 | M 6 x 20 | 1/2" | 243 | 2 | 30* | 1680 | 3,77 |
| 362075000 | 75 | 30 x 2,5 | M 6 x 20 | 1/2" | 265 | 2 | 30* | 1680 | 4,22 |
| 362090000 | 90 | 30 x 2,5 | M 6 x 20 | 1/2" | 282 | 2 | 20* | 1120 | 4,24 |
| 362110000 | 110 | 30 x 2,5 | M 6 x 20 | 1/2" | 335 | 2 | 20* | 1120 | 4,47 |
| 362125000 | 125 | 30 x 2,5 | M 6 x 20 | 1/2" | 368 | 2 | 20* | 1120 | 5,38 |
| 262140000 | 140 | 30 x 2,5 | M 6 x 20 | 1/2" | 380 | 2 | 10* | 560 | 6,02 |
| 262160000 | 160 | 30 x 2,5 | M 6 x 20 | 1/2" | 410 | 2 | 10* | 560 | 6,30 |
| 262200000 | 200 | 30 x 2,5 | M 6 x 20 | 1/2" | 500 | 2 | 10* | 560 | 9,26 |

(*) unità minima di vendita / minimum selling quantity

COLLARI / COLLARS **PRATI^{KO}**

Y 20 25



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Correspondant
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DIN 4109**360/G****COLLARE GOMMATO PER TUBO POLIETILENE**

- COLLAR WITH RUBBER FOR POLYETHYLENE PIPE CLAMPING
- SCHELLE FÜR BEFESTIGUNG VON POLYÄTHYLENROHREN MIT GUMMIEINLAGE
- COLLIER DE FIXATION GARNITURE ISOPHONIQUE POUR TUBE POLYETHYLENE
- ABRAZADERA FIJACIÓN JUNTA DE GOMA TUBO DE POLIETILENO

MATERIAL: St. W 24**VULCANIZED RUBBER:** EPDM (-20° C/+120° C)
durezza/hardness 55 Shore**NOTE:** dado saldato con puntatura elettrica
spot welded nut

| CODE | Øi PE mm | F lg x sp mm | V mm | S mm | T mm | | | | | € |
|-----------|-------------|-----------------|----------|------------|---------|-----|---|-----|------|-------|
| 355114001 | 40 | 20 x 2,5 | M 6 x 25 | M 8 x 100 | 10 x 70 | 140 | 2 | 50* | 2800 | 5,55 |
| 355112001 | 50 | 20 x 2,5 | M 6 x 25 | M 8 x 100 | 10 x 70 | 153 | 2 | 50* | 1800 | 6,17 |
| 355200001 | 63 | 20 x 2,5 | M 6 x 25 | M 8 x 100 | 10 x 70 | 172 | 2 | 20* | 1120 | 6,80 |
| 355212001 | 75 | 30 x 2,5 | M 6 x 25 | M 10 x 120 | 14 x 70 | 352 | 2 | 20* | 720 | 10,78 |
| 355300001 | 90 | 30 x 2,5 | M 6 x 25 | M 10 x 120 | 14 x 70 | 412 | 2 | 10* | 560 | 11,88 |
| 355400001 | 110 | 30 x 2,5 | M 6 x 25 | M 10 x 120 | 14 x 70 | 470 | 2 | 10* | 560 | 13,26 |

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 | | | | € |
|-----------|------------|---------|---------|---------------------|-----|---|------|------|
| 352308000 | 3/8" | 24 | 2,5 | M 6 x 20 + dado/nut | 42 | 1 | 100* | 1,58 |
| 352102000 | 1/2" | 24 | 2,5 | | 52 | 1 | 100* | 1,58 |
| 352304000 | 3/4" | 24 | 2,5 | | 62 | 1 | 100* | 1,68 |
| 352100000 | 1" | 24 | 2,5 | | 58 | 1 | 100* | 1,73 |
| 352114000 | 1 1/4" | 24 | 2,5 | | 78 | 1 | 50* | 1,90 |
| 352112000 | 1 1/2" | 24 | 3 | | 118 | 1 | 50* | 2,79 |
| 352200000 | 2" | 24 | 3 | | 132 | 1 | 50* | 2,93 |

[*] unità minima di vendita / minimum selling quantity

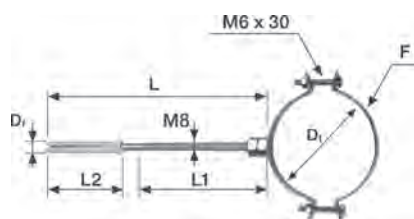
Y 20 24

353

COLLARE VERNICIATO BIANCO PER TUBO FUMO

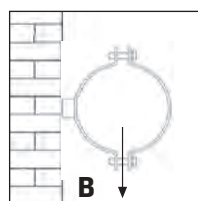
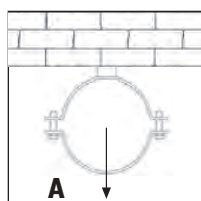
- WHITE PAINTED COLLAR FOR SMOKE PIPES
- WEISS SCHELLE FÜR RAUCH-ROHR
- COLLIER VERNI BLANC POUR TUBE FUMÉ
- ABRAZADERA BARNIZADA EN BLANCO PARA TUBO HUMO

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 | | | | € |
|-----------|----------|-----------------|---------|----------|----------|----------|-----|---|-----|-------|
| 353076000 | 76-80 | 24 x 1,5 | 200 | 110 | 70 | 10 | 187 | 2 | 20* | 7,09 |
| 353100000 | 100 | 24 x 1,5 | 200 | 110 | 70 | 10 | 202 | 2 | 20* | 8,32 |
| 353110000 | 110-120 | 24 x 1,5 | 200 | 110 | 70 | 10 | 211 | 2 | 20* | 9,56 |
| 353125000 | 125-130 | 24 x 1,5 | 200 | 110 | 70 | 10 | 223 | 2 | 20* | 10,17 |
| 353140000 | 140-150 | 24 x 1,5 | 200 | 110 | 70 | 10 | 241 | 2 | 20* | 11,74 |
| 353160000 | 160 | 24 x 1,5 | 200 | 110 | 70 | 10 | 257 | 2 | 20* | 12,82 |

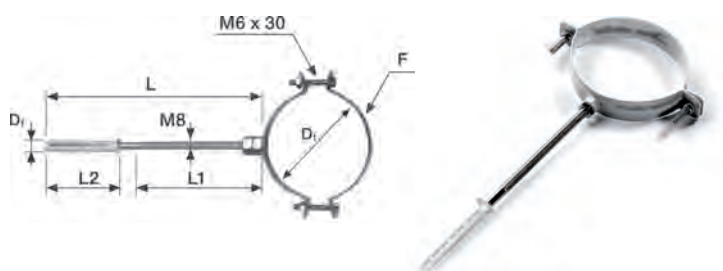
(*) unità minima di vendita / minimum selling quantity

**PRESCRIZIONI TECNICHE / TECHNICAL REQUIREMENTS**

| DE tubo / pipe mm | 76-80 | 100 | 110-120 | 125-130 | 140-150 | 160 |
|---|-------|-----|---------|---------|---------|-----|
| A carico di utilizzo utilization load | 90 | 90 | 90 | 90 | 90 | 90 |
| A carico di rottura breaking load | 340 | 340 | 340 | 340 | 340 | 340 |
| B carico di utilizzo utilization load | 26 | 26 | 26 | 26 | 26 | 26 |
| B carico di rottura breaking load | 270 | 270 | 270 | 270 | 270 | 270 |




NOTE

valori in Kg / Valour in kgf

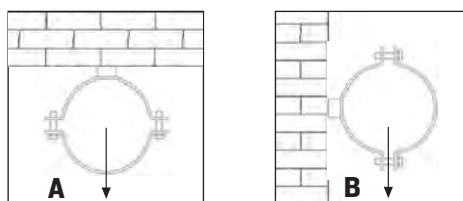
**353/INOX****COLLARE INOX PER TUBO FUMO**

- 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 X10 CrNiS 1809
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 |  |  |  | € |
|------------------|----------|-----------------|---------|----------|----------|----------|---|---|---|--------------|
| 353076001 | 76-80 | 24 x 1,8 | 200 | 110 | 70 | 10 | 179 | 2 | 20* | 23,05 |
| 353100001 | 100 | 24 x 1,8 | 200 | 110 | 70 | 10 | 204 | 2 | 20* | 26,66 |
| 353110001 | 110-120 | 24 x 1,8 | 200 | 110 | 70 | 10 | 206 | 2 | 20* | 28,86 |
| 353125001 | 125-130 | 24 x 1,8 | 200 | 110 | 70 | 10 | 221 | 2 | 20* | 32,26 |
| 353140001 | 140-150 | 24 x 1,8 | 200 | 110 | 70 | 10 | 241 | 2 | 20* | 38,64 |
| 353160001 | 160 | 24 x 1,8 | 200 | 110 | 70 | 10 | 259 | 2 | 20* | 44,96 |

[*] unità minima di vendita / minimum selling quantity

**PRESCRIZIONI TECNICHE / TECHNICAL REQUIREMENTS**

| DE tubo / pipe mm | 76-80 | 100 | 110-120 | 125-130 | 140-150 | 160 |
|---|-------|-----|---------|---------|---------|-----|
| A carico di utilizzo utilization load | 90 | 90 | 90 | 90 | 90 | 90 |
| A carico di rottura breaking load | 340 | 340 | 340 | 340 | 340 | 340 |
| B carico di utilizzo utilization load | 26 | 26 | 26 | 26 | 26 | 26 |
| B carico di rottura breaking load | 270 | 270 | 270 | 270 | 270 | 270 |

NOTE

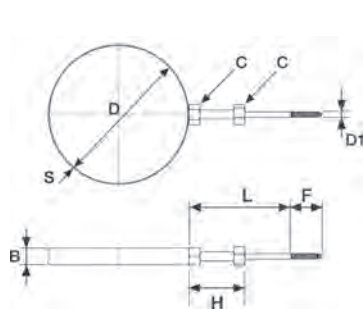
valori in Kg / Valour in kgf

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354

COLLARE TELESCOPICO A DIAMETRO VARIABILE PER TUBI FUMO

- COLLAR FOR SMOKE WITH VARIABLE ADJUSTMENT
- REGELBARE SCHELLE FÜR RAUCH-ROHR
- COLLIER TELESCOPIQUE POUR TUBE FUMÉ
- ABRAZADERA TELESCÓPICA 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 | Box | € |
|-----------|-------------------------|---------|---------|---------|---------|---------|--------------------|---------|----------|----|------|-------|
| 354080000 | bianco / white | 80÷140 | 18 | 0,5 | 63÷110 | 60 | 12 | 32 | 5,6 | 72 | 100* | 8,53 |
| 354080002 | inox 1.4016 (X8Cr17) | 80÷140 | 18 | 0,5 | 63÷110 | 60 | 12 | 32 | 5,6 | 76 | 100* | 15,30 |
| 354140000 | bianco / white | 140÷200 | 18 | 0,5 | 63÷110 | 60 | 12 | 32 | 5,6 | 88 | 50* | 13,28 |
| 354140002 | inox 1.4016 (X8Cr17) | 140÷200 | 18 | 0,5 | 63÷110 | 60 | 12 | 32 | 5,6 | 88 | 50* | 19,13 |

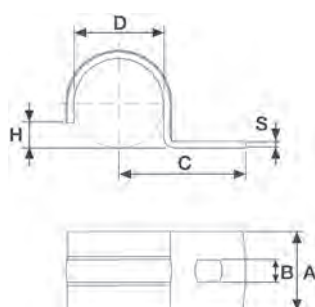
(*) unità minima di vendita / minimum selling quantity




Y 20 24

275

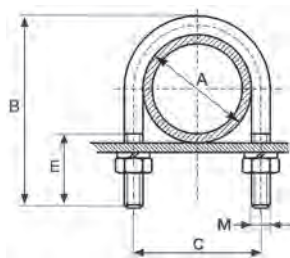
SEMICOLLARE FISSAGGIO TUBO

- 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 |  |  |  | € |
|-----------|------------|----------|---------|---------|---------|---------|---------|---|---|---|------|
| 275308000 | 3/8" | 17,2 | 30 | 8,5 | 39 | 4,5 | 2,5 | 70 | 10 | 100* | 1,20 |
| 275102000 | 1/2" | 21,3 | 30 | 8,5 | 41,5 | 6 | 2,5 | 70 | 10 | 100* | 1,25 |
| 275304000 | 3/4" | 26,9 | 30 | 8,5 | 44 | 7,5 | 2,5 | 90 | 10 | 100* | 1,34 |
| 275100000 | 1" | 33,7 | 30 | 8,5 | 48 | 9,5 | 2,5 | 100 | 10 | 100* | 1,44 |
| 275114000 | 1"1/4 | 42,4 | 30 | 8,5 | 52,5 | 12,5 | 2,5 | 100 | 5 | 50* | 1,60 |
| 275112000 | 1"1/2 | 48,3 | 30 | 8,5 | 53,5 | 13,5 | 2,5 | 110 | 5 | 50* | 1,71 |
| 275200000 | 2" | 60,3 | 30 | 8,5 | 62 | 17 | 2,5 | 120 | 5 | 50* | 1,85 |

(*) unità minima di vendita / minimum selling quantity





256

CAVALLOTTO ZINCATO PER FISSAGGIO TUBI

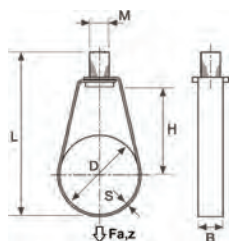
- GALVANIZED U-BOLT CLAMP
- RUNDSTAHLBÜGEL VERZINK
- ÉTRIER AVEC ECROUS GALVANISÉ
- ABARCON GALVANIZADO

NOTE: dado/back nut DIN 934
rondella/washer "grover"

Y 20 24

| CODE | DN inch | A mm | B mm | C mm | M | E mm |  |  | € |
|-----------|------------|---------|---------|---------|------|---------|---|---|-------|
| 256308000 | 3/8" | 18 | 42 | 23 | M 6 | 22 | 22 | 100* | 1,37 |
| 256102000 | 1/2" | 22 | 47 | 27 | M 6 | 22 | 25 | 100* | 1,37 |
| 256304000 | 3/4" | 28 | 60 | 33 | M 6 | 33 | 29 | 100* | 1,48 |
| 256100000 | 1" | 34 | 60 | 39 | M 6 | 33 | 30 | 100* | 1,53 |
| 256114000 | 1"1/4 | 43 | 72 | 48 | M 6 | 33 | 35 | 100* | 1,71 |
| 256112000 | 1"1/2 | 49 | 90 | 56 | M 8 | 33 | 70 | 100* | 1,76 |
| 256200000 | 2" | 61 | 92 | 68 | M 8 | 33 | 82 | 50* | 2,68 |
| 256212000 | 2"1/2 | 77 | 114 | 84 | M 8 | 45 | 100 | 50* | 5,82 |
| 256300000 | 3" | 90 | 122 | 97 | M 8 | 45 | 106 | 50* | 6,14 |
| 256400000 | 4" | 115 | 155 | 124 | M 10 | 45 | 220 | 25* | 6,64 |
| 256500000 | 5" | 140 | 180 | 151 | M 10 | 45 | 260 | 25* | 7,89 |
| 256600000 | 6" | 175 | 214 | 184 | M 10 | 45 | 290 | 25* | 11,83 |
| 256800000 | 8" | 225 | 264 | 234 | M 10 | 45 | 330 | 25* | 19,30 |

(*) unità minima di vendita / minimum selling quantity





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

Y 20 28

| CODE | DN inch | DN | D mm | M | L mm | H mm | B mm | S mm | Fa,z daN |  |  | € |
|-----------|------------|-----|---------|------|---------|---------|---------|---------|-------------|---|---|-------|
| 272102001 | 1/2" | 15 | 23 | M 10 | 86 | 51 | 16 | 1 | 150 | 29 | 100* | 1,79 |
| 272304001 | 3/4" | 20 | 28 | M 10 | 86 | 48 | 16 | 1 | 150 | 31 | 100* | 1,81 |
| 272100001 | 1" | 25 | 35 | M 10 | 89 | 48 | 16 | 1 | 150 | 32 | 100* | 1,85 |
| 272114001 | 1"1/4 | 32 | 44 | M 10 | 98 | 52 | 16 | 1 | 150 | 38 | 100* | 2,04 |
| 272112001 | 1"1/2 | 40 | 50 | M 10 | 105 | 56 | 16 | 1 | 150 | 45 | 100* | 2,91 |
| 272200001 | 2" | 50 | 62 | M 10 | 117 | 61 | 16 | 1 | 150 | 50 | 100* | 3,22 |
| 272212001 | 2"1/2 | 65 | 77 | M 10 | 130 | 68 | 22 | 2 | 450 | 123 | 50* | 4,95 |
| 272300001 | 3" | 80 | 90 | M 10 | 143 | 74 | 22 | 2 | 450 | 131 | 50* | 5,82 |
| 272400001 | 4" | 100 | 115 | M 10 | 175 | 93 | 22 | 2 | 450 | 159 | 25* | 7,43 |
| 272500001 | 5" | 125 | 142 | M 12 | 213 | 111 | 25 | 3 | 520 | 362 | 25* | 9,46 |
| 272600001 | 6" | 150 | 170 | M 12 | 250 | 132 | 25 | 3 | 520 | 417 | 25* | 11,85 |
| 272800001 | 8" | 200 | 221 | M 12 | 312 | 167 | 25 | 3 | 520 | 516 | 10* | 19,47 |

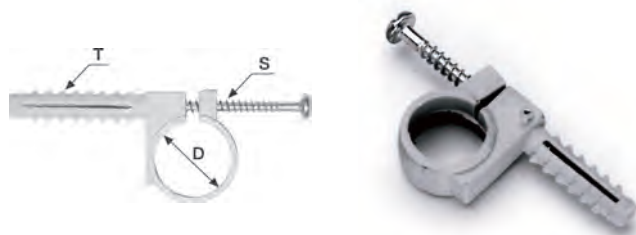
(*) unità minima di vendita / minimum selling quantity




Y 20 26

270

COLLARE NYLON PER FISSAGGIO TUBO RAME

- NYLON COLLAR FOR COPPER PIPE CLAMPING
- NYLON-SHELLE 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 |  |  |  | € |
|-----------|---------|---------|------------|----------------------------------|-----------------------------------|--|---|---|------|
| 270100000 | 10 | 5 x 20 | ø 3,5 x 35 | 30 | 54 | 2 | 10 | 500* | 0,65 |
| 270120000 | 12 | 5 x 20 | ø 3,5 x 35 | 30 | 54 | 2 | 10 | 500* | 0,77 |
| 270140000 | 14 | 6 x 25 | ø 4 x 45 | 50 | 90 | 5 | 10 | 500* | 0,81 |
| 270150000 | 15 | 6 x 25 | ø 4 x 45 | 50 | 90 | 6 | 10 | 500* | 1,00 |
| 270160000 | 16 | 6 x 25 | ø 4 x 45 | 50 | 90 | 5 | 10 | 500* | 1,00 |
| 270180000 | 18 | 8 x 30 | ø 4,5 x 50 | 60 | 96 | 8 | 10 | 200* | 1,10 |
| 270200000 | 20 | 8 x 30 | ø 4,5 x 50 | 60 | 96 | 8 | 10 | 200* | 1,19 |
| 270220000 | 22 | 8 x 30 | ø 4,5 x 50 | 60 | 96 | 8 | 10 | 200* | 1,26 |
| 270280000 | 28 | 10 x 40 | ø 6 x 60 | 80 | 180 | 20 | 10 | 100* | 2,44 |

(*) 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

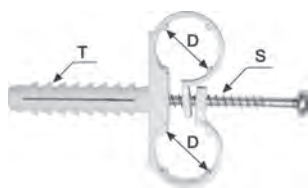
(2) Tensile strength in daN. Applications Concrete class C20/25. We recommend a safety factor of 6.

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.



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 | | | | € |
|-----------|---------|---------|------------|----------------------------------|-----------------------------------|----|----|------|------|
| 270100200 | 10 | 8 x 30 | ø 4,5 x 50 | 60 | 96 | 3 | 10 | 250* | 1,12 |
| 270120200 | 12 | 8 x 30 | ø 4,5 x 50 | 60 | 96 | 3 | 10 | 250* | 1,18 |
| 270140200 | 14 | 8 x 30 | ø 4,5 x 50 | 60 | 96 | 6 | 10 | 250* | 1,18 |
| 270150200 | 15 | 8 x 30 | ø 4,5 x 50 | 60 | 96 | 10 | 10 | 250* | 1,51 |
| 270160200 | 16 | 8 x 30 | ø 4,5 x 50 | 60 | 96 | 12 | 10 | 250* | 1,51 |
| 270180200 | 18 | 10 x 40 | ø 6 x 60 | 80 | 180 | 18 | 10 | 100* | 1,54 |
| 270200200 | 20 | 10 x 40 | ø 6 x 60 | 80 | 180 | 17 | 10 | 100* | 1,64 |
| 270220200 | 22 | 10 x 40 | ø 6 x 60 | 80 | 180 | 16 | 10 | 50* | 1,70 |
| 270280200 | 28 | 10 x 40 | ø 6 x 60 | 80 | 180 | 26 | 10 | 50* | 3,32 |

[*] 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.

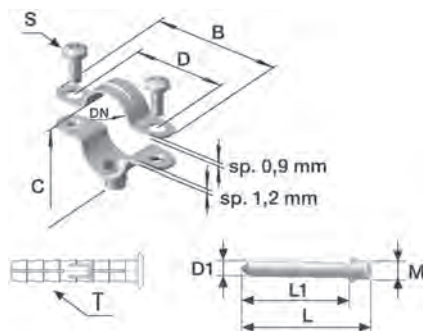
ADVANTAGES

- 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 | | M 6 | 38 | 30 | 4,7 | 6 x 35 | 16 | 10 | 100* | 2,68 |
| 2701200CU | 12 | 45 | 24 | 26 | | M 6 | 38 | 30 | 4,7 | 6 x 35 | 18 | 10 | 100* | 2,69 |
| 2701400CU | 14 | 45 | 24 | 26 | | M 6 | 38 | 30 | 4,7 | 6 x 35 | 18 | 10 | 100* | 2,69 |
| 2701600CU | 15-16 | 45 | 24 | 33 | | M 6 | 38 | 30 | 4,7 | 6 x 35 | 19 | 10 | 100* | 2,88 |
| 2701800CU | 18 | 45 | 27 | 31 | 3/16 W x 10 mm | M 6 | 38 | 30 | 4,7 | 6 x 35 | 19 | 10 | 100* | 2,89 |
| 2702200CU | 22 | 46 | 28 | 35 | | M 6 | 38 | 30 | 4,7 | 6 x 35 | 20 | 10 | 100* | 2,91 |
| 2702800CU | 28 | 55 | 35 | 44 | | M 6 | 38 | 30 | 4,7 | 6 x 35 | 22 | 10 | 100* | 3,09 |
| 2703500CU | 35 | 67 | 45 | 55 | | M 6 | 38 | 30 | 4,7 | 6 x 35 | 26 | 10 | 100* | 3,68 |
| 2704200CU | 42 | 71 | 50 | 59 | | M 6 | 38 | 30 | 4,7 | 6 x 35 | 31 | 10 | 100* | 5,06 |
| 2705400CU | 54 | 93 | 64 | 80 | | M 6 | 38 | 30 | 4,7 | 6 x 35 | 39 | 10 | 100* | 5,89 |

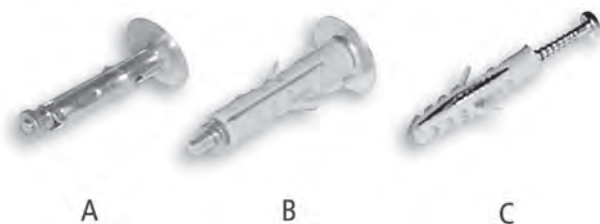
(*) unità minima di vendita / minimum selling quantity

Y 20 24

258/T

VITE E TASSELLO PER FISSAGGIO GRAFFETTE E CAVALLOTTI

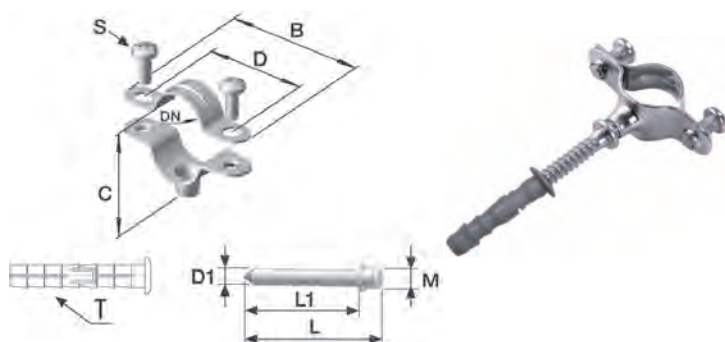
- BOLT AND PLUG FOR LIGHT CLIP AND U-BOLT
- SCHRAUBE UND DÜBEL FÜR EINFACHE FIXBRIDE UND ROHRBÄNDER
- VIS ET CHEVILLE POUR ATTACHES ET ÉTRIER LÉGÈRE
- TORNILLO Y TACO PARA GRAPA Y GRAPA PUENTE



| CODE | Version | Screw | Plug | | g | | € |
|-----------|---------|---------------|-----------------|-----------|----|------|------|
| | | | Material | Dimension | | | |
| 258000000 | A | Ts M 4 x 45 | acciaio - steel | 8 x 35 | 8 | 200* | 0,58 |
| 258000001 | B | Ts M 4 x 40 | nylon | 9 x 40 | 8 | 100* | 0,66 |
| 258000005 | C | Ts ø 3,5 x 30 | nylon | 5 x 25 | 2 | 100* | 0,34 |
| 258000006 | C | Ts ø 4,5 x 40 | nylon | 6 x 30 | 4 | 100* | 0,37 |
| 258000008 | C | Ts ø 5 x 50 | nylon | 8 x 40 | 6 | 50* | 0,58 |
| 258000010 | C | Ts ø 6 x 60 | nylon | 10 x 50 | 10 | 25* | 1,13 |

(*) unità minima di vendita / minimum selling quantity




Y 20 24



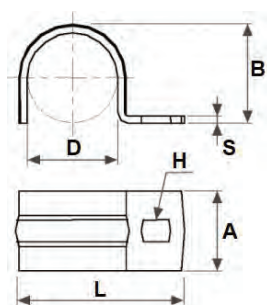
257

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 |  |  |  | € |
|-----------|----------|---------|---------|---------|----------|-----|---------|----------|----------|---------|---|---|---|------|
| 257100000 | 10 | 35 | 18 | 24 | M 5 x 9 | M 6 | 38 | 30 | 4,7 | 6 x 35 | 10 | 10 | 100* | 0,66 |
| 257120000 | 12 | 37 | 19 | 27 | M 5 x 9 | M 6 | 38 | 30 | 4,7 | 6 x 35 | 12 | 10 | 100* | 0,66 |
| 257140000 | 14 | 39 | 21 | 24 | M 5 x 12 | M 6 | 38 | 30 | 4,7 | 6 x 35 | 12 | 10 | 100* | 0,67 |
| 257160000 | 16 | 41 | 23 | 31 | M 5 x 12 | M 6 | 38 | 30 | 4,7 | 6 x 35 | 14 | 10 | 100* | 0,67 |
| 257180000 | 18 | 42 | 24 | 32 | M 5 x 12 | M 6 | 38 | 30 | 4,7 | 6 x 35 | 14 | 10 | 100* | 0,71 |
| 257220000 | 22 | 45 | 27 | 35 | M 5 x 12 | M 6 | 38 | 30 | 4,7 | 6 x 35 | 16 | 10 | 100* | 0,71 |
| 257260000 | 26 | 47 | 29 | 37 | M 5 x 12 | M 6 | 38 | 30 | 4,7 | 6 x 35 | 18 | 10 | 100* | 0,73 |
| 257280000 | 28 | 51 | 32 | 40 | M 5 x 12 | M 6 | 38 | 30 | 4,7 | 6 x 35 | 18 | 10 | 100* | 0,80 |
| 257320000 | 32 | 53 | 35 | 43 | M 5 x 12 | M 6 | 38 | 30 | 4,7 | 6 x 35 | 20 | 10 | 100* | 0,83 |
| 257350000 | 35 | 57 | 39 | 46 | M 5 x 12 | M 6 | 38 | 30 | 4,7 | 6 x 35 | 22 | 10 | 50* | 0,90 |
| 257400000 | 40 | 60 | 43 | 49 | M 5 x 12 | M 6 | 38 | 30 | 4,7 | 6 x 35 | 22 | 10 | 50* | 0,94 |
| 257420000 | 42 | 65 | 48 | 55 | M 5 x 12 | M 6 | 38 | 30 | 4,7 | 6 x 35 | 22 | 10 | 50* | 1,04 |
| 257480000 | 48 | 67 | 50 | 56 | M 5 x 12 | M 6 | 38 | 30 | 4,7 | 6 x 35 | 24 | 10 | 50* | 1,11 |
| 257500000 | 50 | 78 | 58 | 65 | M 5 x 12 | M 6 | 38 | 30 | 4,7 | 6 x 35 | 26 | 10 | 50* | 1,16 |
| 257600000 | 60 | 91 | 67 | 79 | M 5 x 12 | M 6 | 38 | 30 | 4,7 | 6 x 35 | 28 | 5 | 25* | 1,21 |

[*] unità minima di vendita / minimum selling quantity





259

GRAFFETTA ZINCATA PER FISSAGGIO TUBO

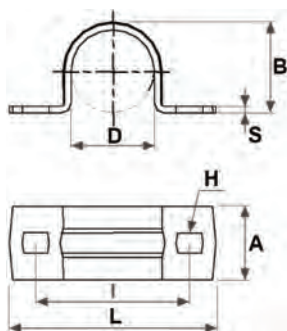
- LIGHT CLIP
- EINFACHE FIXBBRIDE
- ATTACHE
- GRAPA

Y 20 24

| CODE | D mm | H mm | A mm | B mm | L mm | S mm |  |  | € |
|-----------|---------|------------|---------|---------|---------|---------|---|---|------|
| 259100000 | 10 | 6,5 x 12,5 | 14 | 12 | 34 | 1,2 | 4 | 100* | 0,23 |
| 259120000 | 12 | 6,5 x 12,5 | 14 | 14 | 37 | 1,2 | 4 | 100* | 0,25 |
| 259140000 | 14 | 6,5 x 12,5 | 14 | 18 | 39 | 1,2 | 4 | 100* | 0,26 |
| 259160000 | 16 | 6,5 x 12,5 | 14 | 17 | 39 | 1,2 | 6 | 100* | 0,27 |
| 259200000 | 20 | 6,5 x 12,5 | 14 | 21 | 42 | 1,2 | 8 | 100* | 0,30 |
| 259220000 | 22 | 6,5 x 12,5 | 14 | 23 | 45 | 1,2 | 8 | 100* | 0,31 |
| 259260000 | 26 | 6,5 x 12,5 | 14 | 27 | 50 | 1,2 | 12 | 100* | 0,35 |
| 259280000 | 28 | 6,5 x 12,5 | 14 | 29 | 53 | 1,2 | 12 | 100* | 0,39 |
| 259320000 | 32 | 6,5 x 12,5 | 15 | 34 | 60 | 1,8 | 20 | 100* | 0,39 |
| 259400000 | 40 | 6,5 x 12,5 | 15 | 42 | 67 | 1,8 | 24 | 50* | 0,42 |
| 259500000 | 50 | 6,5 x 12,5 | 15 | 52 | 78 | 1,8 | 28 | 50* | 0,52 |
| 259600000 | 60 | 8,5 x 11 | 25 | 62 | 98 | 2,2 | 66 | 50* | 0,82 |

[*] unità minima di vendita / minimum selling quantity

Y 20 24



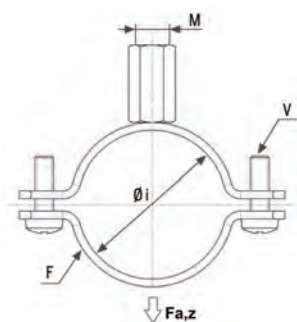
271

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 | | | € |
|-----------|---------|---------------|---------|---------|---------|---------|---------|----|------|------|
| 271100000 | 10 | Foro / Hole 5 | 10 | 12 | 42 | 31 | 0,9 | 6 | 100* | 0,23 |
| 271120000 | 12 | Foro / Hole 5 | 10 | 14 | 45 | 34 | 0,9 | 6 | 100* | 0,25 |
| 271140000 | 14 | Foro / Hole 5 | 10 | 15 | 45 | 32 | 0,9 | 6 | 100* | 0,26 |
| 271160000 | 16 | 5 x 6,5 | 12 | 17 | 49 | 36 | 0,9 | 6 | 100* | 0,27 |
| 271200000 | 20 | 5 x 6,5 | 12 | 21 | 51 | 38 | 0,9 | 6 | 100* | 0,30 |
| 271220000 | 22 | 6,5 x 8,5 | 14 | 23 | 61 | 46 | 0,9 | 8 | 100* | 0,31 |
| 271260000 | 26 | 6,5 x 8,5 | 14 | 28 | 63 | 49 | 0,9 | 8 | 100* | 0,35 |
| 271280000 | 28 | 6,5 x 8,5 | 14 | 30 | 67 | 50 | 0,9 | 12 | 100* | 0,39 |
| 271320000 | 32 | 6,5 x 10 | 14 | 33 | 69 | 51 | 0,9 | 14 | 100* | 0,39 |
| 271400000 | 40 | 6,5 x 10 | 14 | 41 | 78 | 60 | 0,9 | 16 | 50* | 0,42 |
| 271500000 | 50 | 6,5 x 10 | 14 | 51 | 92 | 74 | 0,9 | 20 | 50* | 0,52 |
| 271600000 | 60 | 8,5 x 11 | 25 | 62 | 125 | 97 | 2,2 | 78 | 50* | 1,56 |

(*) unità minima di vendita / minimum selling quantity






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

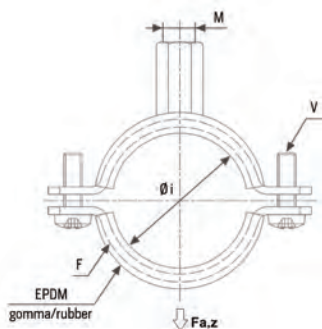
MATERIAL: S185 (1.0035)

| CODE | DN inch | Øi mm | F lg x sp mm | M | V mm | Fa,z daN |  |  |  | € |
|-----------|------------|----------|-----------------|----------|----------|-------------|---|---|---|------|
| 356308000 | 3/8" | 15-19 | 19 x 1,8 | M 8 / 10 | M 6 x 20 | 195 | 54 | 50* | 5600 | 1,11 |
| 356102000 | 1/2" | 20-25 | 19 x 1,8 | M 8 / 10 | M 6 x 20 | 195 | 54 | 50* | 5600 | 1,17 |
| 356304000 | 3/4" | 26-30 | 19 x 1,8 | M 8 / 10 | M 6 x 20 | 195 | 60 | 50* | 5600 | 1,27 |
| 356100000 | 1" | 32-36 | 19 x 1,8 | M 8 / 10 | M 6 x 20 | 195 | 64 | 50* | 5000 | 1,36 |
| 356114000 | 1 1/4" | 38-43 | 19 x 1,8 | M 8 / 10 | M 6 x 20 | 195 | 70 | 25* | 3000 | 1,58 |
| 356112000 | 1 1/2" | 47-51 | 19 x 1,8 | M 8 / 10 | M 6 x 20 | 195 | 75 | 25* | 3000 | 1,73 |
| 356200000 | 2" | 60-64 | 19 x 1,8 | M 8 / 10 | M 6 x 20 | 195 | 86 | 25* | 3000 | 1,84 |
| 356212000 | 2 1/2" | 75-80 | 19 x 1,8 | M 8 / 10 | M 6 x 20 | 195 | 102 | 25* | 2500 | 2,69 |
| 356300000 | 3" | 87-92 | 19 x 1,8 | M 8 / 10 | M 6 x 20 | 195 | 112 | 25* | 2500 | 3,07 |
| 356312000 | 3 1/2" | 99-105 | 19 x 1,8 | M 8 / 10 | M 6 x 20 | 195 | 116 | 25* | 2500 | 3,24 |
| 356400000 | 4" | 113-118 | 19 x 1,8 | M 8 / 10 | M 6 x 20 | 195 | 136 | 25* | 1300 | 3,64 |
| 356412000 | Ø 125 | 125-130 | 19 x 2 | M 8 / 10 | M 6 x 20 | 195 | 144 | 25* | 1300 | 3,96 |
| 356500000 | 5" | 138-142 | 19 x 2 | M 8 / 10 | M 6 x 20 | 195 | 172 | 25* | 1300 | 5,66 |
| 356600000 | Ø 160 | 159-166 | 19 x 2 | M 8 / 10 | M 6 x 25 | 195 | 192 | 25* | 600 | 6,11 |
| 356612000 | 6" | 168-172 | 19 x 2 | M 8 / 10 | M 6 x 25 | 195 | 192 | 25* | 600 | 8,02 |
| 356800000 | 8" | 215-226 | 19 x 2,2 | M 8 / 10 | M 6 x 30 | 195 | 280 | 25* | 600 | 8,86 |

(*) 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:**

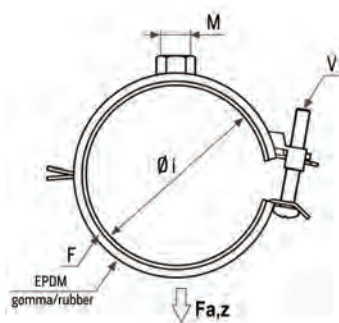
EPDM [-20° C/+120° C]

| CODE | DN inch | Øi mm | F lg x sp mm | M | V mm | Fa,z daN |  |  |  | € |
|------------------|------------|----------|-----------------|----------|----------|-------------|---|---|---|--------------|
| 35630800G | 3/8" | 15-19 | 19 x 1,8 | M 8 / 10 | M 6 x 20 | 195 | 60 | 50* | 5600 | 1,34 |
| 35610200G | 1/2" | 20-25 | 19 x 1,8 | M 8 / 10 | M 6 x 20 | 195 | 67 | 50* | 5600 | 1,41 |
| 35630400G | 3/4" | 26-30 | 19 x 1,8 | M 8 / 10 | M 6 x 20 | 195 | 74 | 50* | 5600 | 1,47 |
| 35610000G | 1" | 32-36 | 19 x 1,8 | M 8 / 10 | M 6 x 20 | 195 | 80 | 50* | 5000 | 1,68 |
| 35611400G | 1"1/4 | 38-43 | 19 x 1,8 | M 8 / 10 | M 6 x 20 | 195 | 88 | 25* | 3000 | 1,99 |
| 35611200G | 1"1/2 | 47-51 | 19 x 1,8 | M 8 / 10 | M 6 x 20 | 195 | 92 | 25* | 3000 | 2,12 |
| 35605400G | Ø 54 | 53-58 | 19 x 1,8 | M 8 / 10 | M 6 x 20 | 195 | 108 | 25* | 3000 | 2,29 |
| 35620000G | 2" | 60-64 | 19 x 1,8 | M 8 / 10 | M 6 x 20 | 195 | 114 | 25* | 3000 | 2,35 |
| 35621200G | 2"1/2 | 75-80 | 19 x 1,8 | M 8 / 10 | M 6 x 20 | 195 | 130 | 25* | 2500 | 3,98 |
| 35630000G | 3" | 87-92 | 19 x 1,8 | M 8 / 10 | M 6 x 20 | 195 | 150 | 25* | 2500 | 4,45 |
| 35631200G | 3"1/2 | 99-105 | 19 x 1,8 | M 8 / 10 | M 6 x 20 | 195 | 156 | 25* | 2500 | 4,78 |
| 35611000G | Ø 108-110 | 107-112 | 19 x 1,8 | M 8 / 10 | M 6 x 20 | 195 | 162 | 25* | 1300 | 5,21 |
| 35640000G | 4" | 113-118 | 19 x 1,8 | M 8 / 10 | M 6 x 20 | 195 | 168 | 25* | 1300 | 5,40 |
| 35641200G | Ø 125 | 125-130 | 19 x 2 | M 8 / 10 | M 6 x 20 | 195 | 188 | 25* | 1300 | 8,05 |
| 35650000G | 5" | 138-142 | 19 x 2 | M 8 / 10 | M 6 x 20 | 195 | 204 | 25* | 1300 | 9,37 |
| 35660000G | Ø 160 | 159-166 | 19 x 2 | M 8 / 10 | M 6 x 25 | 195 | 238 | 25* | 600 | 10,43 |
| 35661200G | 6" | 168-172 | 19 x 2 | M 8 / 10 | M 6 x 25 | 195 | 242 | 25* | 600 | 12,17 |
| 35680000G | 8" | 215-226 | 19 x 2,2 | M 8 / 10 | M 6 x 30 | 195 | 346 | 25* | 600 | 13,30 |

(*) 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 À CHARNIÈRE M8
- ABRAZADERA ABIERTA ISOFÓNICA M8

MATERIAL: S185 (1.0035)

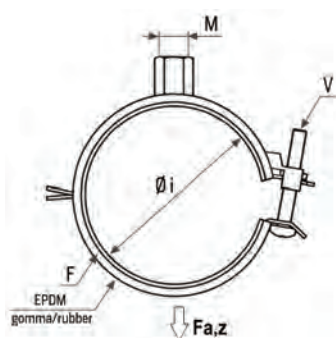
VULCANIZED RUBBER:

EPDM [-20° C/+120° C]

| CODE | DN inch | Øi mm | F lg x sp mm | M | V mm | Fa,z daN | | | | € |
|-----------|------------|----------|-----------------|-----|----------|-------------|----|------|------|------|
| 359104000 | 1/4" | 11-15 | 20 x 1,2 | M 8 | M 5 x 25 | 80 | 30 | 100* | 7200 | 0,97 |
| 359308000 | 3/8" | 15-19 | 20 x 1,2 | M 8 | M 5 x 25 | 80 | 34 | 100* | 7200 | 1,11 |
| 359102000 | 1/2" | 21-23 | 20 x 1,2 | M 8 | M 5 x 25 | 80 | 38 | 100* | 7200 | 1,20 |
| 359304000 | 3/4" | 26-28 | 20 x 1,2 | M 8 | M 5 x 25 | 80 | 42 | 100* | 4800 | 1,26 |
| 359100000 | 1" | 32-35 | 20 x 1,2 | M 8 | M 5 x 30 | 80 | 50 | 100* | 4800 | 1,37 |
| 359114000 | 1 1/4" | 40-43 | 20 x 1,2 | M 8 | M 5 x 30 | 80 | 54 | 50* | 2500 | 1,60 |
| 359112000 | 1 1/2" | 48-51 | 20 x 1,2 | M 8 | M 5 x 35 | 80 | 63 | 50* | 2500 | 1,76 |
| 359054000 | Ø 54 | 51-56 | 20 x 1,2 | M 8 | M 5 x 35 | 80 | 64 | 50* | 1750 | 1,85 |
| 359200000 | 2" | 57-60 | 20 x 1,2 | M 8 | M 5 x 35 | 80 | 70 | 50* | 1750 | 1,90 |
| 359063000 | Ø 63 | 62-65 | 20 x 1,2 | M 8 | M 5 x 35 | 80 | 74 | 50* | 1750 | 1,98 |

(*) 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.



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 À CHARNIÈRE M8/M10
- ABRAZADERA ABIERTA ISOFÓNICA M8/M10

MATERIAL: S185 (1.0035)

VULCANIZED RUBBER:

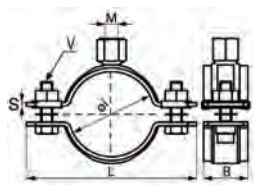
EPDM [-20° C/+120° C]

| CODE | DN inch | Øi mm | F lg x sp mm | M | V mm | Fa,z daN | | | | € |
|-----------|------------|----------|-----------------|----------|----------|-------------|----|------|------|------|
| 359104001 | 1/4" | 11-15 | 20 x 1,2 | M 8 / 10 | M 5 x 25 | 80 | 36 | 100* | 7200 | 1,20 |
| 359308001 | 3/8" | 15-19 | 20 x 1,2 | M 8 / 10 | M 5 x 25 | 80 | 40 | 100* | 7200 | 1,30 |
| 359102001 | 1/2" | 21-23 | 20 x 1,2 | M 8 / 10 | M 5 x 25 | 80 | 44 | 100* | 7200 | 1,30 |
| 359304001 | 3/4" | 26-28 | 20 x 1,2 | M 8 / 10 | M 5 x 25 | 80 | 48 | 100* | 4800 | 1,40 |
| 359100001 | 1" | 32-35 | 20 x 1,2 | M 8 / 10 | M 5 x 30 | 80 | 54 | 100* | 4800 | 1,56 |
| 359114001 | 1 1/4" | 40-43 | 20 x 1,2 | M 8 / 10 | M 5 x 30 | 80 | 62 | 50* | 2500 | 1,98 |
| 359112001 | 1 1/2" | 48-51 | 20 x 1,2 | M 8 / 10 | M 5 x 35 | 80 | 68 | 50* | 2500 | 2,04 |
| 359054001 | Ø 54 | 51-56 | 20 x 1,2 | M 8 / 10 | M 5 x 35 | 80 | 70 | 50* | 1750 | 2,12 |
| 359200001 | 2" | 57-60 | 20 x 1,2 | M 8 / 10 | M 5 x 35 | 80 | 74 | 50* | 1750 | 2,18 |
| 359063001 | Ø 63 | 62-65 | 20 x 1,2 | M 8 / 10 | M 5 x 35 | 80 | 80 | 50* | 1750 | 2,25 |

(*) 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



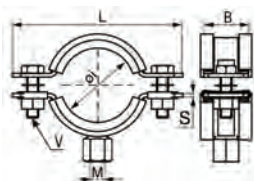
363

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 | | | | € |
|-----------|------------|-----------|-----------|-----------|---------|---------|---------|------|----|-----|--------|
| 363000200 | 2" | 59 - 65 | M 8 / 10 | M 8 x 30 | 30 | 2,5 | 122 | 225 | - | 50* | 19,03 |
| 363000212 | 2 1/2" | 72 - 78 | M 10 / 12 | M 8 x 30 | 30 | 3 | 136 | 292 | - | 50* | 20,30 |
| 363000300 | 3" | 86 - 92 | M 10 / 12 | M 8 x 30 | 30 | 3 | 152 | 339 | - | 30* | 22,61 |
| 363000400 | 4" | 108 - 116 | M 10 / 12 | M 8 x 35 | 30 | 3 | 175 | 370 | - | 20* | 23,39 |
| 363000500 | 5" | 132 - 140 | M 10 / 12 | M 8 x 35 | 30 | 3 | 200 | 426 | - | 20* | 26,07 |
| 363000600 | 6" | 159 - 169 | M 10 / 12 | M 10 x 40 | 38 | 4 | 240 | 862 | - | 10* | 33,34 |
| 363000800 | 8" | 217 - 227 | M 10 / 12 | M 10 x 40 | 38 | 4 | 299 | 1047 | 1* | 10 | 40,56 |
| 363000244 | - | 244 - 254 | M 16 | M 12 x 50 | 38 | 4 | 335 | 1238 | 1* | 10 | 48,70 |
| 363001000 | 10" | 267 - 279 | M 16 | M 12 x 50 | 38 | 4 | 360 | 1268 | 1* | 10 | 49,58 |
| 363001200 | 12" | 315 - 325 | M 16 | M 12 x 50 | 48 | 5 | 403 | 2200 | 1* | - | 72,02 |
| 363001400 | 14" | 350 - 360 | M 16 | M 12 x 50 | 48 | 5 | 439 | 2369 | 1* | - | 89,29 |
| 363001600 | 16" | 398 - 408 | M 16 | M 12 x 50 | 48 | 5 | 487 | 2651 | 1* | - | 97,18 |
| 363001800 | 18" | 448 - 458 | M 16 | M 12 x 50 | 48 | 5 | 537 | 2897 | 1* | - | 108,64 |
| 363002000 | 20" | 499 - 509 | M 16 | M 12 x 50 | 48 | 5 | 588 | 3380 | 1* | - | 110,34 |

(*) unità minima di vendita / minimum selling quantity



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

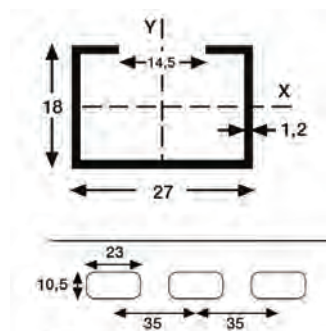
VULCANIZED RUBBER:

EPDM (-20°
C/+120° C)
durezza/hardness
55 Shore

Y 20 28

| CODE | DN inch | Øi mm | M | V mm | B mm | S mm | L mm | | | | € |
|------------|------------|-----------|-----------|-----------|---------|---------|---------|------|----|-----|--------|
| 363000212G | 2 1/2" | 72 - 78 | M 10 / 12 | M 8 x 30 | 30 | 3 | 144 | 350 | - | 20* | 25,72 |
| 363000300G | 3" | 86 - 92 | M 10 / 12 | M 8 x 30 | 30 | 3 | 159 | 390 | - | 20* | 26,88 |
| 363000400G | 4" | 108 - 116 | M 10 / 12 | M 8 x 35 | 30 | 3 | 182 | 450 | - | 20* | 28,70 |
| 363000500G | 5" | 132 - 140 | M 10 / 12 | M 8 x 35 | 30 | 3 | 207 | 523 | - | 10* | 31,50 |
| 363000600G | 6" | 159 - 169 | M 10 / 12 | M 10 x 50 | 38 | 4 | 254 | 1094 | - | 10* | 52,24 |
| 363000800G | 8" | 217 - 227 | M 10 / 12 | M 12 x 50 | 38 | 4 | 322 | 1380 | 1* | 6 | 65,39 |
| 363000244G | - | 240 - 250 | M 16 | M 12 x 50 | 38 | 4 | 345 | 1579 | 1* | 6 | 73,50 |
| 363001000G | 10" | 265 - 275 | M 16 | M 12 x 50 | 48 | 5 | 367 | 2267 | 1* | 4 | 85,23 |
| 363001200G | 12" | 315 - 325 | M 16 | M 12 x 50 | 48 | 5 | 414 | 2573 | 1* | - | 87,61 |
| 363001400G | 14" | 354 - 364 | M 16 | M 12 x 50 | 48 | 5 | 453 | 2980 | 1* | - | 110,02 |
| 363001600G | 16" | 398 - 408 | M 16 | M 12 x 50 | 48 | 5 | 497 | 3178 | 1* | - | 118,76 |
| 363001800G | 18" | 448 - 458 | M 16 | M 12 x 50 | 48 | 5 | 548 | 3546 | 1* | - | 140,74 |
| 363002000G | 20" | 499 - 509 | M 16 | M 12 x 50 | 48 | 5 | 599 | 3862 | 1* | - | 144,23 |

(*) unità minima di vendita / minimum selling quantity

**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 cm ² | Jx cm ⁴ | Jy cm ⁴ | Wx cm ³ | Wy cm ³ | | | € |
|------------------|----------------------------|-----------------------|-----------------------|-----------------------|-----------------------|------|----------|--------------|
| 210000004 | 0,84 | 0,34 | 0,92 | 0,32 | 0,68 | 0,55 | 10 barre | 17,87 |

Asse di riferimento X-X

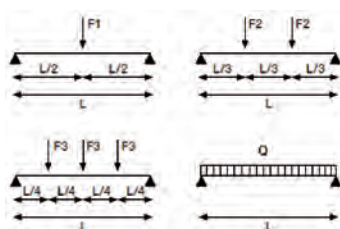
Il momento d'inerzia Jx-Jy ed i moduli di resistenza Wx-Wy sono calcolati in corrispondenza di una sezione omogenea (fori esclusi).

F1 - F2 - F3 - Q = (daN) 1 daN ≈ 1 kgf Portate calcolate considerando una freccia limite = L/200.

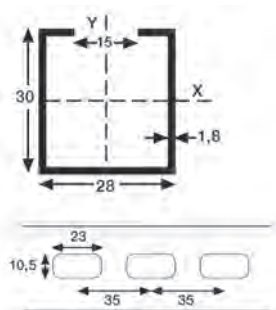
Reference axis X-X

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 27x18x1,2 | L (mm) | | | |
|------------------------|--------|------|------|------|
| | 500 | 1000 | 1500 | 2000 |
| F1 | 37 | 19 | 8 | 5 |
| F2 | 28 | 11 | 5 | 3 |
| F3 | 19 | 8 | 4 | 2 |
| Q | 75 | 30 | 13 | 8 |

**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 cm ² | Jx cm ⁴ | Jy cm ⁴ | Wx cm ³ | Wy cm ³ | | | € |
|------------------|----------------------------|-----------------------|-----------------------|-----------------------|-----------------------|------|----------|--------------|
| 210000005 | 1,58 | 1,76 | 2,08 | 1,02 | 1,49 | 1,17 | 10 barre | 33,44 |

Asse di riferimento X-X

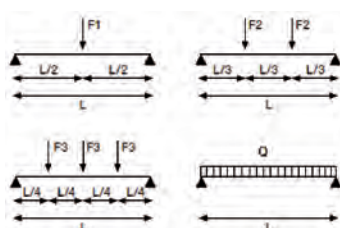
Il momento d'inerzia Jx-Jy ed i moduli di resistenza Wx-Wy sono calcolati in corrispondenza di una sezione omogenea (fori esclusi).

F1 - F2 - F3 - Q = (daN) 1 daN ≈ 1 kgf Portate calcolate considerando una freccia limite = L/200.

Reference axis X-X

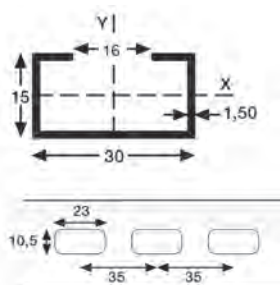
Moment of inertia Jx-Jy and strength modulus Wx-Wy are calculated in correspondence with homogeneous section (holes excluded).

F1 - F2 - F3 - Q = (daN) 1 daN ≈ 1 kgf Loads calculation considering a limit deflection = L/200.



| 210000005 28x30x1,8 | L (mm) | | | |
|------------------------|--------|------|------|------|
| | 500 | 1000 | 1500 | 2000 |
| F1 | 116 | 58 | 39 | 23 |
| F2 | 87 | 44 | 24 | 14 |
| F3 | 58 | 29 | 17 | 10 |
| Q | 233 | 116 | 66 | 37 |

Y1011

**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 cm ² | Jx cm ⁴ | Jy cm ⁴ | Wx cm ³ | Wy cm ³ | kg/m | 6 barre | € |
|------------------|----------------------------|-----------------------|-----------------------|-----------------------|-----------------------|------|---------|--------------|
| 210000000 | 0,98 | 0,30 | 1,26 | 0,33 | 0,84 | 0,70 | 6 barre | 19,78 |

Asse di riferimento X-X

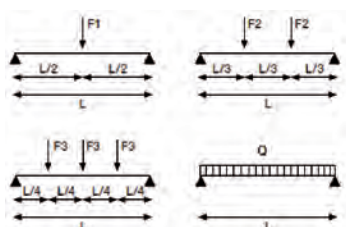
Il momento d'inerzia Jx-Jy ed i moduli di resistenza Wx-Wy sono calcolati in corrispondenza di una sezione omogenea (fori esclusi).

F1 - F2 - F3 - Q = (daN) 1 daN ≈ 1 kgf Portate calcolate considerando una freccia limite = L/200.

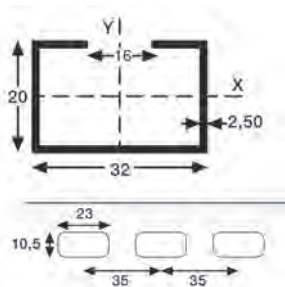
Reference axis X-X

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 30x15x1,5 | L (mm) | | | | |
|------------------------|--------|------|------|------|--|
| | 500 | 1000 | 1500 | 2000 | |
| F1 | 36 | 15 | 7 | 4 | |
| F2 | 27 | 9 | 4 | 2 | |
| F3 | 18 | 6 | 3 | 2 | |
| Q | 73 | 25 | 11 | 6 | |

**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 cm ² | Jx cm ⁴ | Jy cm ⁴ | Wx cm ³ | Wy cm ³ | kg/m | 6 barre | € |
|------------------|----------------------------|-----------------------|-----------------------|-----------------------|-----------------------|------|---------|--------------|
| 210000001 | 1,87 | 0,94 | 2,70 | 0,80 | 1,68 | 1,30 | 6 barre | 32,37 |

Asse di riferimento X-X

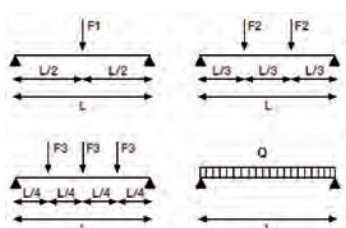
Il momento d'inerzia Jx-Jy ed i moduli di resistenza Wx-Wy sono calcolati in corrispondenza di una sezione omogenea (fori esclusi).

F1 - F2 - F3 - Q = (daN) 1 daN ≈ 1 kgf Portate calcolate considerando una freccia limite = L/200.

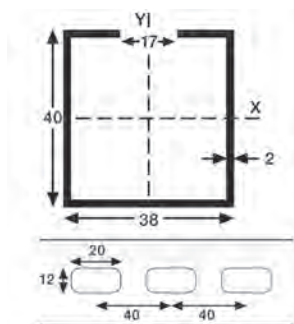
Reference axis X-X

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.



| 210000001 32x20x2,5 | L (mm) | | | | |
|------------------------|--------|------|------|------|--|
| | 500 | 1000 | 1500 | 2000 | |
| F1 | 86 | 43 | 21 | 12 | |
| F2 | 65 | 28 | 13 | 7 | |
| F3 | 43 | 20 | 9 | 5 | |
| Q | 173 | 77 | 34 | 19 | |

**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**Y 10 11**

| CODE | Section cm ² | Jx cm ⁴ | Jy cm ⁴ | Wx cm ³ | Wy cm ³ | kg/m | | € |
|------------------|----------------------------|-----------------------|-----------------------|-----------------------|-----------------------|------|---------|--------------|
| 210000002 | 2,59 | 5,57 | 6,20 | 2,51 | 3,26 | 2,0 | 4 barre | 57,58 |

Asse di riferimento X-X

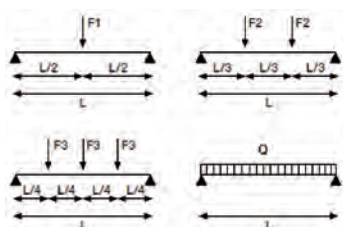
Il momento d'inerzia Jx-Jy ed i moduli di resistenza Wx-Wy sono calcolati in corrispondenza di una sezione omogenea (fori esclusi).

F1 - F2 - F3 - Q = (daN) 1 daN ≈ 1 kgf Portate calcolate considerando una freccia limite = L/200.

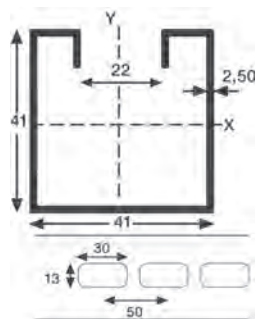
Reference axis X-X

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 38x40x2 | L (mm) | | | |
|----------------------|--------|------|------|------|
| | 500 | 1000 | 1500 | 2000 |
| F1 | 256 | 128 | 85 | 64 |
| F2 | 192 | 96 | 64 | 40 |
| F3 | 128 | 64 | 43 | 29 |
| Q | 512 | 256 | 171 | 110 |

**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**Y 10 11**

| CODE | Total length m | Section cm ² | Jx cm ⁴ | Jy cm ⁴ | Wx cm ³ | Wy cm ³ | kg/m | | € |
|------------------|-------------------|----------------------------|-----------------------|-----------------------|-----------------------|-----------------------|------|---------|---------------|
| 210000006 | 3 m | 3,25 | 6,28 | 9,18 | 2,99 | 4,48 | 2,55 | 5 barre | 88,90 |
| 210000007 | 6 m | 3,25 | 6,28 | 9,18 | 2,99 | 4,48 | 2,55 | 5 barre | 172,76 |

Asse di riferimento X-X

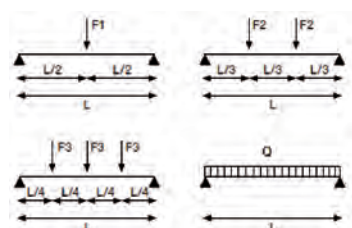
Il momento d'inerzia Jx-Jy ed i moduli di resistenza Wx-Wy sono calcolati in corrispondenza di una sezione omogenea (fori esclusi).

F1 - F2 - F3 - Q = (daN) 1 daN ≈ 1 kgf Portate calcolate considerando una freccia limite = L/200.

Reference axis X-X

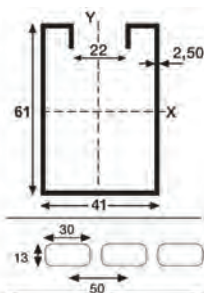
Moment of inertia Jx-Jy and strength modulus Wx-Wy are calculated in correspondence with homogeneous section (holes excluded).

F1 - F2 - F3 - Q = (daN) 1 daN ≈ 1 kgf Loads calculation considering a limit deflection = L/200.



| 210000006 - 210000007 41x41x2,5 | L (mm) | | | | |
|------------------------------------|--------|------|------|------|------|
| | 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 |

Y1011

**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 cm ² | Jx cm ⁴ | Jy cm ⁴ | Wx cm ³ | Wy cm ³ | kg/m | | € |
|------------------|----------------------------|-----------------------|-----------------------|-----------------------|-----------------------|------|---------|---------------|
| 210000008 | 4,25 | 17,56 | 12,88 | 5,67 | 6,29 | 3,34 | 5 barre | 121,50 |

Asse di riferimento X-X

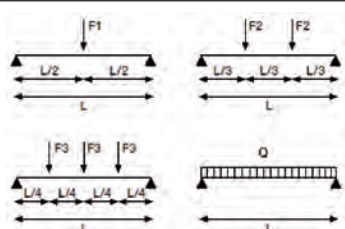
Il momento d'inerzia Jx-Jy ed i moduli di resistenza Wx-Wy sono calcolati in corrispondenza di una sezione omogenea (fori esclusi).

F1 - F2 - F3 - Q = [daN] 1 daN ≈ 1 kgf Portate calcolate considerando una freccia limite = L/200.

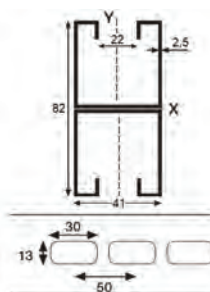
Reference axis X-X

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.



| | L (mm) | | | | |
|------------------------|--------|------|------|------|------|
| 210000008 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 |

**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 cm ² | Jx cm ⁴ | Jy cm ⁴ | Wx cm ³ | Wy cm ³ | kg/m | | € |
|------------------|----------------------------|-----------------------|-----------------------|-----------------------|-----------------------|------|---------|---------------|
| 210000009 | 6,50 | 36,83 | 18,35 | 8,98 | 8,95 | 5,10 | 5 barre | 205,47 |

Asse di riferimento X-X

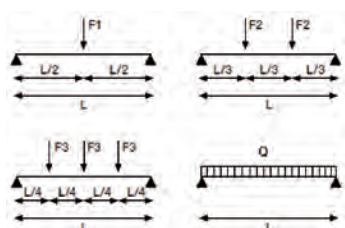
Il momento d'inerzia Jx-Jy ed i moduli di resistenza Wx-Wy sono calcolati in corrispondenza di una sezione omogenea (fori esclusi).

F1 - F2 - F3 - Q = [daN] 1 daN ≈ 1 kgf Portate calcolate considerando una freccia limite = L/200.

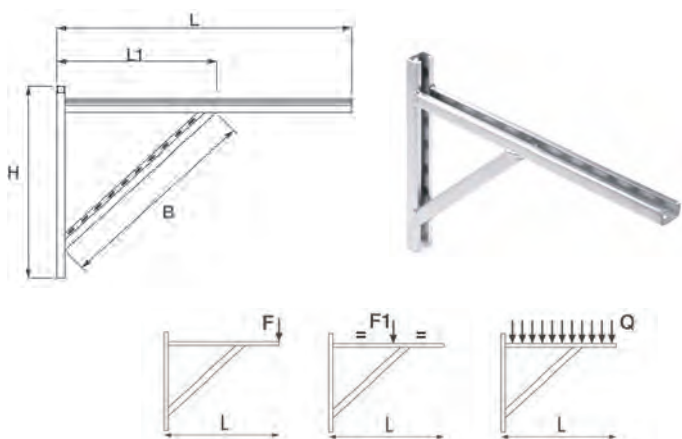
Reference axis X-X

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.



| | L (mm) | | | | |
|------------------------|--------|------|------|------|------|
| 210000009 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 |






230

MENSOLA SALDATA A SQUADRA IN PROFILATO

- TRIANGULAR BRACKET
- UNTERSTÜTZUNG FERTIGKONSOLE
- CONSOLE AVEC RENFORCE
- SOPORTE 90° SALDADO Y GALVANIZADO

Fixing rail: 32x20x2,5

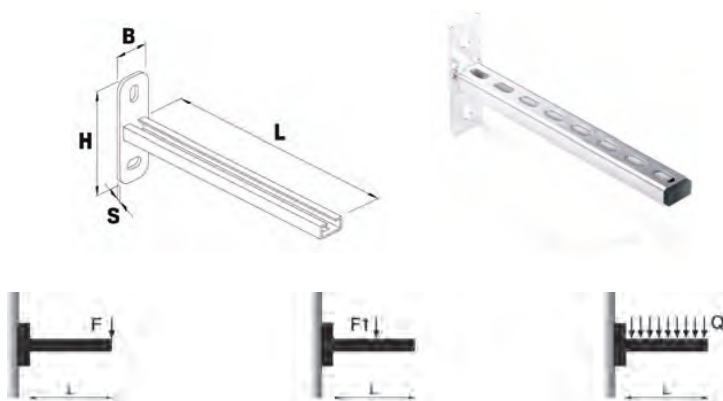
| CODE | Version | L mm | L1 mm | B mm | H mm | F daN | F1 daN | Q daN |  |  |  | € |
|-----------|--|---------|----------|---------|---------|-------|--------|-------|---|---|---|-------|
| 230370000 | Zincata Galvanized | 370 | 200 | 250 | 275 | 60 | 600 | 250 | 1100 | 2 | 240 | 29,95 |
| 230545000 | Zincata Galvanized | 545 | 290 | 380 | 380 | 40 | 600 | 160 | 1500 | 2 | 165 | 38,87 |
| 230370001 | Zincata Verniciata Galvanized Painted | 370 | 200 | 250 | 275 | 60 | 600 | 250 | 1100 | 2 | 240 | 41,89 |
| 230545001 | Zincata Verniciata Galvanized Painted | 545 | 290 | 380 | 380 | 40 | 600 | 160 | 1500 | 2 | 165 | 54,49 |

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 Kg

BRACKET MATERIAL: galvanized steel. **PAINTED FINISHING:** powder coated, RAL 9010 colour.

Raccorderie Metalliche guarantees the load only in the case of a correct wall anchorage. 1 daN ≈ 1 kgf






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 |  |  |  | € |
|-----------|-----------------------|---------|---------|---------|---------|-------|--------|-------|---|---|---|-------|
| 231280000 | Zincata Galvanized | 280 | 40 | 4 | 120 | 38 | 77 | 77 | 480 | 20 | 800 | 12,09 |

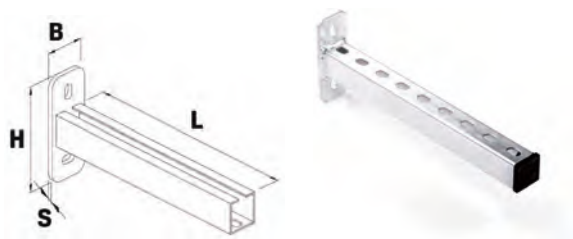
MATERIALE STAFFE: acciaio zincato. **VERSIONE:** con tappo di testa montato.

Raccorderie Metalliche garantisce le portate di carico fatto salvo il corretto ancoraggio alla parete. 1 DaN ≈ 1 Kg

BRACKETS MATERIAL: galvanized steel. **VERSION:** with mounted head cap.

Raccorderie Metalliche guarantees the load only in the case of a correct wall anchorage. 1 daN ≈ 1 kgf

Y1011

**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 | Box | € |
|------------------|-----------------------|---------|---------|---------|---------|-------|--------|-------|------|-----|--------------|
| 231200000 | Zincata Galvanized | 200 | 50 | 6 | 134 | 149 | 297 | 297 | 508 | 10 | 38,99 |
| 231360000 | Zincata Galvanized | 360 | 50 | 6 | 134 | 83 | 165 | 165 | 988 | 10 | 40,88 |
| 231520000 | Zincata Galvanized | 520 | 50 | 6 | 134 | 57 | 114 | 114 | 1316 | 10 | 43,66 |

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 Kg

BRACKETS MATERIAL: galvanized steel. **VERSION:** with mounted head cap.

Raccorderie Metalliche guarantees the load only in the case of a correct wall anchorage. 1 daN ≈ 1 kg

**231/41****MENSOLA SALDATA A PARETE ZINCATA**

- GALVANIZED WALL BRACKET
- FERTIGKONSOLE VERZINK
- CONSOLE GALVANISÉE
- SOPORTE GALVANIZADO

**Fixing rail: 41x41x2,5**

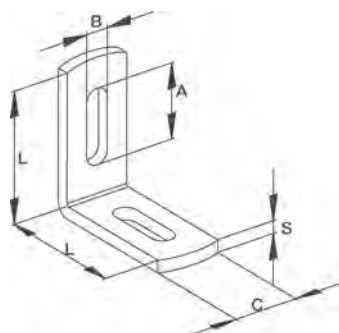
| CODE | Version | L mm | B mm | S mm | H mm | F daN | F1 daN | Q daN | g | Box | € |
|------------------|-----------------------|---------|---------|---------|---------|-------|--------|-------|------|-----|--------------|
| 231325000 | Zincata Galvanized | 300 | 50 | 6 | 144 | 130 | 260 | 260 | 800 | 10 | 31,72 |
| 231425000 | Zincata Galvanized | 400 | 50 | 6 | 144 | 98 | 195 | 195 | 2100 | 1 | 36,49 |
| 231525000 | Zincata Galvanized | 500 | 50 | 6 | 144 | 78 | 156 | 156 | 1646 | 1 | 42,83 |
| 231625000 | Zincata Galvanized | 600 | 50 | 6 | 144 | 60 | 130 | 130 | 1932 | 1 | 46,01 |

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 Kg

BRACKETS MATERIAL: galvanized steel. **VERSION:** with mounted head cap.

Raccorderie Metalliche guarantees the load only in the case of a correct wall anchorage. 1 daN ≈ 1 kg



**212/90**

Y 10 13

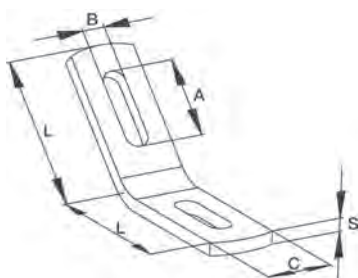
ANGOLARE A 90° ZINCATO PER PROFILATO

- 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 |  |  | € |
|-----------|---------|---------|---------|-------------|---|---|------|
| 212000090 | 60 | 26 | 5 | 30 x 8,5 | 92 | 100 | 3,91 |

Tolleranza angolo di piega squadretta: ± 2 gradi
Tolerance angle bracket: ± 2 degrees



**212/135**

Y 10 13

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 |  |  | € |
|-----------|---------|---------|---------|-------------|---|---|------|
| 212000045 | 56 | 26 | 5 | 30 x 8,5 | 88 | 100 | 3,96 |

Tolleranza angolo di piega squadretta: ± 2 gradi
Tolerance angle bracket: ± 2 degrees



**212/90 Kit**

Y 10 13

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 |  |  | € |
|-----------|---|---|---|-------|
| 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 | 14,52 |

Tolleranza angolo di piega squadretta: ± 2 gradi
Tolerance angle bracket: ± 2 degrees

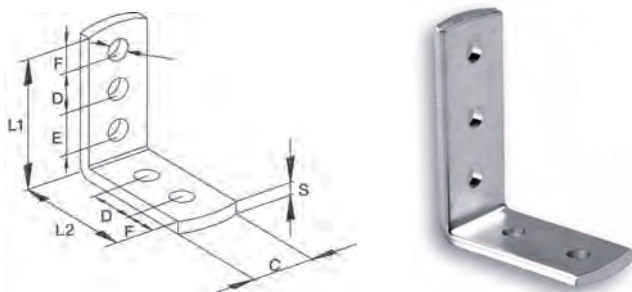
**212/135 Kit****Y 10 13****KIT ANGOLARE A 135° ZINCATO PER PROFILATO**

- 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 |  |  | € |
|------------------|---|---|---|-------|
| 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 | 14,52 |

Tolleranza angolo di piega squadretta: ± 2 gradi
Tolerance angle bracket: ± 2 degrees

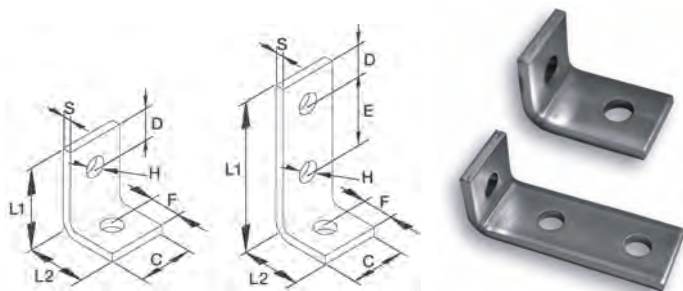
**212/90 P****Y 10 13****ANGOLARE A 90° ZINCATO PER PROFILATO**

- 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 |  |  | € |
|------------------|----------|----------|---------|---------|---------|---------|---------|------------------|---|---|------|
| 212090000 | 105 | 90 | 40 | 40 | 32 | 6 | 18 | $\varnothing 10$ | 318 | 25 | 6,28 |

Tolleranza angolo di piega squadretta: ± 2 gradi
Tolerance angle bracket: ± 2 degrees

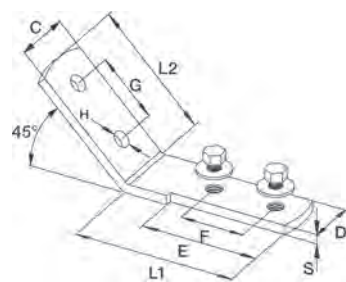
**212/90 P6****Y 10 13****ANGOLARE A 90° ZINCATO PER PROFILATO**

- 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 |  |  | € |
|------------------|----------|----------|---------|---------|---------|---------|---------|------------------|---|---|------|
| 212090001 | 56 | 41 | 40 | 19,5 | - | 6 | 19,5 | $\varnothing 13$ | 156 | 50 | 4,69 |
| 212090002 | 104 | 41 | 40 | 19,5 | 48 | 6 | 19,5 | $\varnothing 13$ | 230 | 50 | 6,90 |

Tolleranza angolo di piega squadretta: ± 2 gradi
Tolerance angle bracket: ± 2 degrees

**212/135 P**

Y1013

KIT ANGOLARE A 135° ZINCATO PER PROFILATO

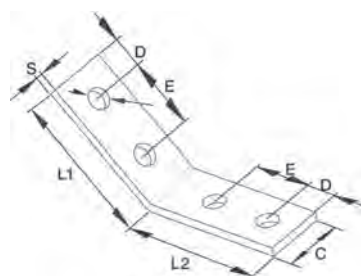
- KIT 135° CONNECTION PLATE
- MONTAGEKIT-WINKEL 135°
- KIT EQUERRE 135°
- KIT ESCUADRA 135°

For fixing rails: 38/40

| CODE | L1 mm | L2 mm | C mm | D mm | E mm | S mm | F mm | G mm | H mm | | | € |
|-----------|----------|----------|---------|---------|---------|---------|---------|---------|---------|-----|----|------|
| 212045000 | 105 | 75 | 40 | 32 | 75 | 6 | 40 | 40 | ∅ 10,5 | 356 | 25 | 9,90 |

Tolleranza angolo di piega squadretta: ± 2 gradi

Tolerance angle bracket: ± 2 degrees

**212/135 P6**

Y1013

ANGOLARE A 135° ZINCATO PER PROFILATO

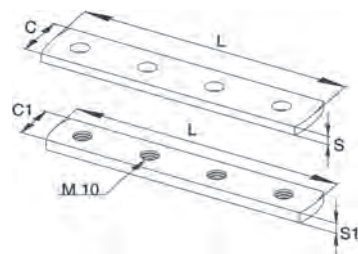
- 135° CONNECTION PLATE
- MONTAGE-WINKEL 135°
- EQUERRE 135°
- ESCUADRA 135°

For fixing rails: 41/41

| CODE | L1 mm | L2 mm | C mm | D mm | E mm | S mm | H mm | | | € |
|-----------|----------|----------|---------|---------|---------|---------|---------|-----|----|------|
| 212045001 | 90 | 90 | 40 | 19,5 | 48 | 6 | ∅ 13 | 300 | 25 | 7,47 |

Tolleranza angolo di piega squadretta: ± 2 gradi

Tolerance angle bracket: ± 2 degrees

**205**

Y1013

KIT PIASTRINA DI CONGIUNZIONE PER PROFILATO

- KIT CONNECTION PLATE FOR FIXING RAIL
- SCHIENENVERBINDER
- ECLISSE POUR RAILS
- UNIÓN DE CARRIL

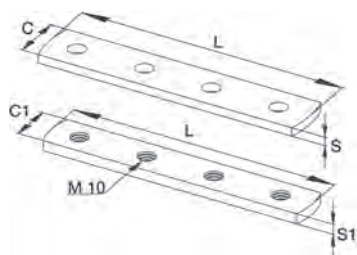
For fixing rails: 27/18 - 28/30 - 30/15 - 32/20

| CODE | L mm | C mm | S mm | C1 mm | S1 mm | | | € |
|-----------|---------|---------|---------|----------|----------|-----|-----|-------|
| 205030000 | 155 | 30 | 5 | 25 | 6 | 456 | 20* | 15,28 |

Completa di 4 viti M 10 x 20 e 4 rondelle ∅ 30 mm premontate



Complete with 4 screws M 10 x 20 and 4 washers ∅ 30 mm preassembled

(*) unità minima di vendita / minimum selling quantity

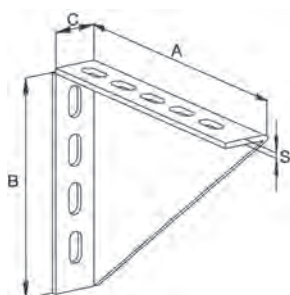
**205/P****Y 10 13****KIT PIASTRINA DI CONGIUNZIONE PER PROFILATO**

- 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 |  |  | € |
|------------------|---------|---------|---------|----------|----------|---|---|--------------|
| 205038000 | 155 | 40 | 4 | 32 | 6 | 514 | 20* | 16,09 |

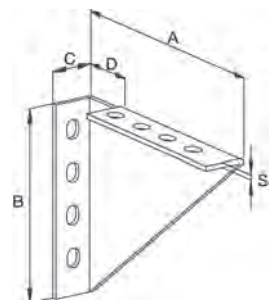
Completa di 4 viti M 10 x 20 e 4 rondelle ø 30 mm premontate
 Complete with 4 screws M 10 x 20 and 4 washers ø 30 mm preassembled
 (*) unità minima di vendita / minimum selling quantity

**206/SS****Y 10 13****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

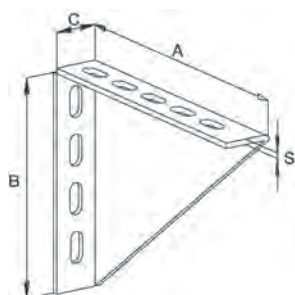
| CODE | A mm | B mm | C mm | S mm | Loops mm |  |  | € |
|------------------|---------|---------|---------|---------|--|---|---|--------------|
| 206030000 | 185 | 150 | 36 | 4 | 20 x 11 mm interasse / wheelbase 35 mm | 780 | 10 | 36,87 |

**206/CS****Y 10 13****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 |  |  | € |
|------------------|---------|---------|---------|---------|---------|--|---|---|--------------|
| 206030001 | 185 | 150 | 36 | 34 | 4 | 20 x 11 mm interasse / wheelbase 35 mm | 726 | 10 | 36,87 |



**206/PSS**

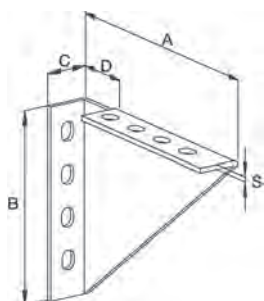
Y1013

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 |  |  | € |
|-----------|---------|---------|---------|---------|--|---|---|-------|
| 206038000 | 200 | 160 | 42 | 4 | 25 x 13 mm interasse / wheelbase 40 mm | 876 | 10 | 39,92 |



**206/PCS**

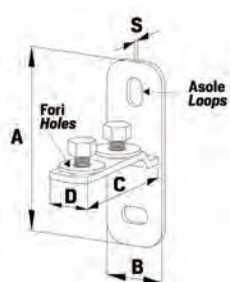
Y1013

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 |  |  | € |
|-----------|---------|---------|---------|---------|---------|--|---|---|-------|
| 206038001 | 200 | 160 | 42 | 45 | 4 | 25 x 13 mm interasse / wheelbase 40 mm | 852 | 10 | 39,92 |



**207 L 30**

Y1013

MENSOLA FRONTALE LONGITUDINALE PER PROFILATO

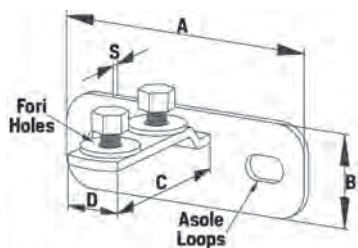
- LENGHTWAY FRONT BRACKET
- SATTELFLANSCH LÄNGS
- PLATINE U, SOUDURE LONGITUDINALE
- APOYO DE CARRIL VERTICAL

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 |  |  | € |
|-----------|---------|---------|---------|---------|---------|--|--|---|---|-------|
| 207030000 | 120 | 40 | 84 | 25 | 4 | 11 x 19 mm interasse / wheelbase 85 mm | M 10 interasse / wheelbase 40 mm | 258 | 10 | 14,84 |



Completa di n° 2 viti M 10 e rondelle ø 30 mm premontate
Complete with 2 screws M10 and washers ø 30 mm preassembled

Y 10 13

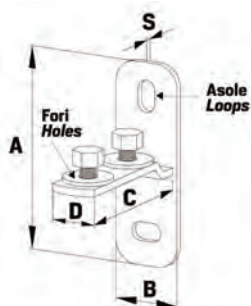
**207 T 30****MENSOLA FRONTALE TRASVERSALE PER PROFILATO**

- 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 |  |  | € |
|------------------|---------|---------|---------|---------|---------|--|--|---|---|--------------|
| 207030001 | 120 | 40 | 84 | 25 | 4 | 11 x 19 mm interasse / wheelbase 85 mm | M 10 interasse / wheelbase 40 mm | 258 | 10 | 14,84 |



Completa di n° 2 viti M 10 e rondelle ø 30 mm premontate
Complete with 2 screws M10 and washers ø 30 mm preassembled

**207 L 38****MENSOLA FRONTALE LONGITUDINALE PER PROFILATO**

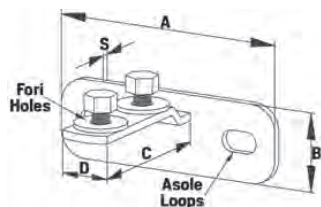
- LENGTHWAY FRONT BRACKET
- SATTELFLANSCH LÄNGS
- PLATINE U, SOUDURE LONGITUDINALE
- APOYO DE CARRIL VERTICAL

Y 10 13

For fixing rails: 38/40

| CODE | A mm | B mm | C mm | D mm | S mm | Loops mm | Holes mm |  |  | € |
|------------------|---------|---------|---------|---------|---------|--|--|---|---|--------------|
| 207038000 | 120 | 40 | 84 | 30 | 4 | 11 x 19 mm interasse / wheelbase 85 mm | M 10 interasse / wheelbase 40 mm | 265 | 10 | 23,73 |



Completa di n° 2 viti M 10 e rondelle ø 30 mm premontate
Complete with 2 screws M10 and washers ø 30 mm preassembled

**207 T 38****MENSOLA FRONTALE TRASVERSALE PER PROFILATO**

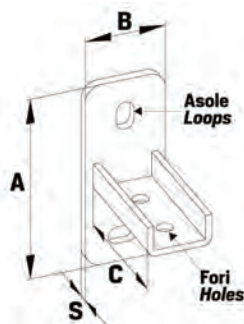
- CROSSWAY FRONT BRACKET
- SATTELFLANSCH QUER
- PLATINE U, SOUDURE TRANSVERSALE
- APOYO DE CARRIL HORIZONTAL

Y 10 13

For fixing rails: 38/40



| CODE | A mm | B mm | C mm | D mm | S mm | Loops mm | Holes mm |  |  | € |
|------------------|---------|---------|---------|---------|---------|--|--|---|---|--------------|
| 207038001 | 120 | 40 | 84 | 30 | 4 | 11 x 19 mm interasse / wheelbase 85 mm | M 10 interasse / wheelbase 40 mm | 272 | 10 | 23,73 |

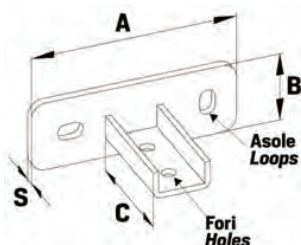
Completa di n° 2 viti M 10 e rondelle ø 30 mm premontate
Complete with 2 screws M10 and washers ø 30 mm preassembled

**208 L 30/32****Y 1013****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

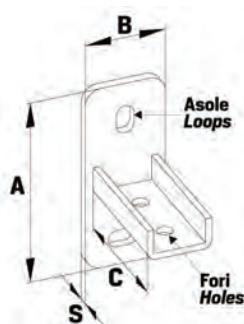
| CODE | A mm | B mm | C mm | S mm | Loops mm | Holes mm |  |  | € |
|-----------|---------|---------|---------|---------|--|--|---|---|-------|
| 208030000 | 128 | 50 | 80 | 6 | 11 x 18 mm interasse / wheelbase 80 mm | ø 11 interasse / wheelbase 35 mm | 436 | 10 | 11,60 |

**208 T 30/32****Y 1013****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

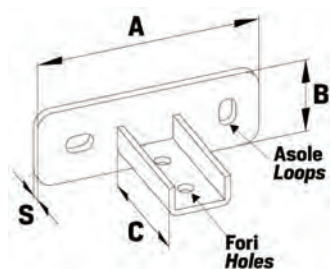
| CODE | A mm | B mm | C mm | S mm | Loops mm | Holes mm |  |  | € |
|-----------|---------|---------|---------|---------|--|--|---|---|-------|
| 208030001 | 144 | 50 | 80 | 6 | 11 x 18 mm interasse / wheelbase 97 mm | ø 11 interasse / wheelbase 35 mm | 472 | 10 | 11,60 |

**208 L 38/40****Y 1013****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 |  |  | € |
|-----------|---------|---------|---------|---------|--|--|---|---|-------|
| 208038000 | 144 | 50 | 80 | 6 | 11 x 18 mm interasse / wheelbase 97 mm | ø 12,5 interasse / wheelbase 40 mm | 578 | 10 | 30,51 |

**208 T 38/40**

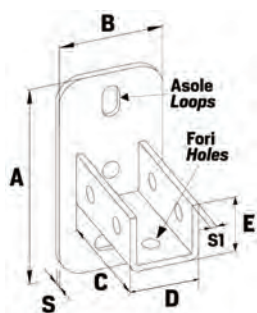
Y 10 13

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 | | | € |
|-----------|---------|---------|---------|---------|--|--|-----|----|-------|
| 208038001 | 144 | 50 | 80 | 6 | 11 x 18 mm interasse / wheelbase 97 mm | ø 12,5 interasse / wheelbase 40 mm | 582 | 10 | 30,51 |

**208 L 41**

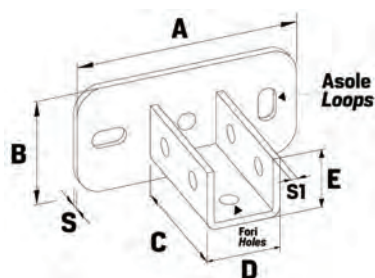
Y 10 13

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 | | | € |
|-----------|---------|---------|---------|---------|---------|---------|----------|--|---|-----|----|-------|
| 208041000 | 160 | 80 | 98 | 53 | 45 | 6 | 5 | 13 x 25 mm interasse / wheelbase 115 mm | ø 12 interasse / wheelbase 48 mm | 672 | 10 | 34,87 |

**208 T 41**

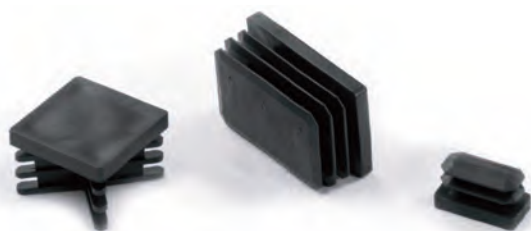
Y 10 13

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 | | | € |
|-----------|---------|---------|---------|---------|---------|---------|----------|--|---|-----|----|-------|
| 208041001 | 160 | 80 | 98 | 53 | 45 | 6 | 5 | 13 x 25 mm interasse / wheelbase 115 mm | ø 13 interasse / wheelbase 48 mm | 718 | 10 | 34,87 |



209

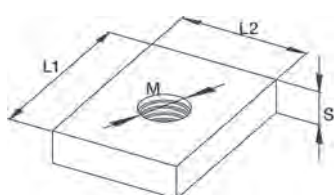
Y1013

TAPPO PER PROFILO

- RAIL PROTECTION CAP
- ABSCHLUSSKAPPE
- CAPUCHON
- TAPÓN GUÍA

| CODE | Description | | | | € |
|-----------|--|----|----|-----|------|
| 209030000 | Per profili / For fixing rails 27/18 - 28/30 - 30/15 | 3 | 10 | 50* | 1,35 |
| 209032000 | Per profili / For fixing rails 32/20 | 3 | 10 | 50* | 2,33 |
| 209038000 | Per profili / For fixing rails 38/40 - 41/41 | 11 | 10 | 50* | 3,20 |

(*) unità minima di vendita / minimum selling quantity



213/U

Y1013

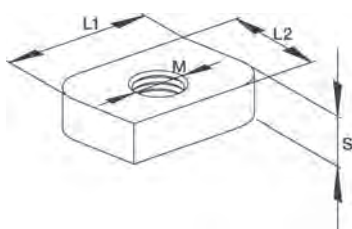
DADO UNIVERSALE PER PROFILO

- UNIVERSAL NUT
- GEWINDEPLATTE
- ÉCROU RAIL
- TUERCA SOPORTE

For fixing rails: 30/15 - 32/20 - 38/40

| CODE | M | L1 mm | L2 mm | S mm | | | | € |
|-----------|------|----------|----------|---------|----|-----|-----|------|
| 213000008 | M 8 | 24 | 32 | 6 | 36 | 20* | 200 | 1,07 |
| 213000010 | M 10 | 24 | 32 | 6 | 36 | 20* | 200 | 1,13 |

(*) unità minima di vendita / minimum selling quantity



213/R

Y1013

DADO A ROMBO PER PROFILO

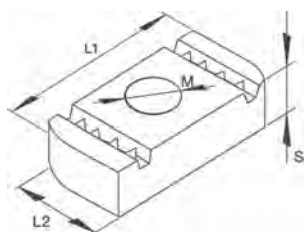
- RHOMBOIDAL NUT
- SCHIEBEMUTTER
- ÉCROU RHOMBÉ
- TUERCA A ROMBO SOPORTE

For fixing rails: 27/18 - 28/30 - 30/15 - 32/20

| CODE | M | L1 mm | L2 mm | S mm | | | | € |
|-----------|------|----------|----------|---------|----|-----|-----|------|
| 213008000 | M 8 | 24 | 16 | 6 | 13 | 20* | 200 | 1,02 |
| 213010000 | M 10 | 24 | 16 | 6 | 14 | 20* | 200 | 1,07 |




(*) unità minima di vendita / minimum selling quantity

Y 10 13

**213/RT****DADO RETTANGOLARE PER PROFILO**

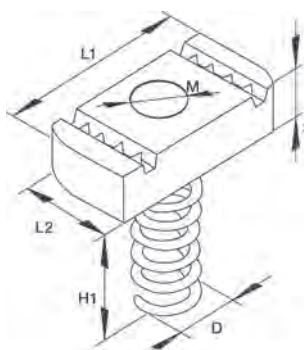
- SHAPED NUT
- MUTTER
- PLAQUE TARAUDÉE
- TUERCA RECTANGULAR

For fixing rails: 41/41

| CODE | M | L1 mm | L2 mm | S mm |  |  |  | € |
|-----------|------|----------|----------|---------|---|---|---|------|
| 213008041 | M 8 | 34 | 20 | 6 | 26 | 20* | 200 | 1,57 |
| 213010041 | M 10 | 34 | 20 | 8 | 30 | 20* | 200 | 1,88 |
| 213012041 | M 12 | 34 | 20 | 9 | 39 | 20* | 200 | 2,78 |




(*) unità minima di vendita / minimum selling quantity

Y 10 13

**213 M****DADO RETTANGOLARE CON MOLLA DI ANCORAGGIO PER PROFILO**

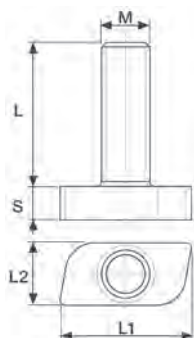
- SHAPED NUT WITH SPRING
- MUTTER MIT FEDER
- PLAQUE TARAUDÉE RESSORT
- TUERCA GUÍA

For fixing rails: 41/41

| CODE | M | L1 mm | L2 mm | D mm | S mm | H1 mm |  |  |  | € |
|-----------|------|----------|----------|---------|---------|----------|---|---|---|------|
| 213008M41 | M 8 | 34 | 20 | 18 | 6 | 35 | 27 | 100 | 200* | 3,88 |
| 213010M41 | M 10 | 34 | 20 | 18 | 8 | 35 | 35 | 100 | 200* | 4,00 |
| 213012M41 | M 12 | 34 | 20 | 18 | 9 | 35 | 37 | 100 | 200* | 5,84 |



(*) unità minima di vendita / minimum selling quantity

Y 10 13

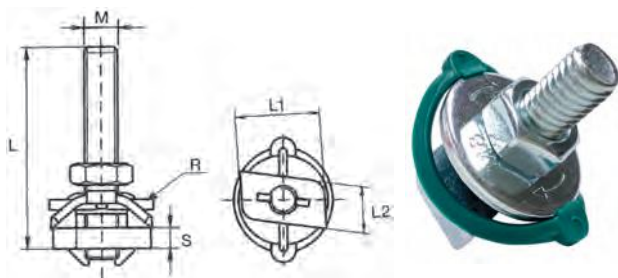
**214 TMS****BULLONE TESTA MARTELLO M8 E M10**

- 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 |  |  | € |
|-----------|------|---------|----------|----------|---------|---|---|------|
| 214800000 | M 8 | 30 | 25 | 13 | 7 | 28 | 100* | 2,15 |
| 214100000 | M 10 | 30 | 25 | 13 | 7 | 34 | 100* | 2,78 |

(*) unità minima di vendita / minimum selling quantity

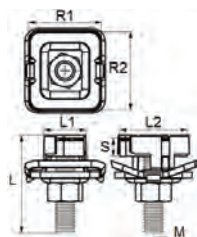
**214 TM/Clip****BULLONE TESTA MARTELLO CON CLIP, DADO E RONDELLA**

- HAMMER HEAD BOLT WITH CLIP, NUT AND WASHER
- T-BOLZEN MIT CLIP, GEGENMUTTER UND UNTERLEGSCHIBE 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 |  |  |  | € |
|-----------|------|---------|----------|----------|---------|--------------|---|---|---|------|
| 214008030 | M 8 | 30 | 23 | 13,5 | 5 | ø 25 thk 2,5 | 30 | 10 | 100* | 4,89 |
| 214008040 | M 8 | 40 | 23 | 13,5 | 5 | ø 25 thk 2,5 | 35 | 10 | 100* | 5,41 |
| 214010030 | M 10 | 30 | 23 | 13,5 | 5 | ø 25 thk 2,5 | 39 | 10 | 100* | 5,00 |
| 214010040 | M 10 | 40 | 23 | 13,5 | 5 | ø 25 thk 2,5 | 43 | 10 | 100* | 5,60 |

[*] unità minima di vendita / minimum selling quantity

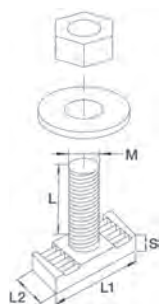
**214/41 TM/Clip****BULLONE TESTA MARTELLO CON CLIP, DADO E RONDELLA**

- HAMMER HEAD BOLT WITH CLIP, NUT AND WASHER
- T-BOLZEN MIT CLIP, GEGENMUTTER UND UNTERLEGSCHIBE 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 |  |  |  | € |
|--------------|------|---------|----------|----------|---------|----------|----------|---|---|---|------|
| 214008040041 | M 8 | 40 | 19 | 34,5 | 6 | 35 | 39 | 76 | 10* | 100 | 7,09 |
| 214008050041 | M 8 | 50 | 19 | 34,5 | 6 | 35 | 39 | 79 | 10* | 100 | 7,20 |
| 214008060041 | M 8 | 60 | 19 | 34,5 | 6 | 35 | 39 | 82 | 10* | 100 | 7,34 |
| 214010040041 | M 10 | 40 | 19 | 34,5 | 8 | 35 | 39 | 84 | 10* | 100 | 8,56 |
| 214010060041 | M 10 | 60 | 19 | 34,5 | 8 | 35 | 39 | 94 | 10* | 100 | 8,88 |

[*] unità minima di vendita / minimum selling quantity

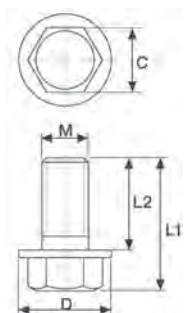
**214 TMP****BULLONE TESTA MARTELLLO PER PROFILO**

- HAMMER HEAD BOLT FOR FIXING RAIL
- T-BOLZEN FÜR PROFIL
- BOULON POUR PROFILE
- TORNILLO GUÍA

Y 10 13**For fixing rails: 41/41**

| CODE | Description | M | L mm | L1 mm | L2 mm | S mm | | | | € |
|------------------|--|------|---------|----------|----------|---------|-----|-----|-----|-------------|
| 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 | 7,68 |
| 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 | 7,16 |
| 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 | 9,20 |

(*) unità minima di vendita / minimum selling quantity

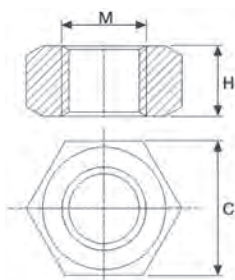
**214/TE****BULLONE TESTA ESAGONALE CON FINTA RONDELLA DENTELLATA**

- 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**Y 10 13**

| CODE | M | L1 mm | L2 mm | C mm | D mm | | | | € |
|------------------|------|----------|----------|---------|---------|----|----|------|-------------|
| 214000008 | M 8 | 21 | 14 | 13 | 18 | 12 | 20 | 200* | 0,43 |
| 214000010 | M 10 | 25 | 16 | 15 | 22 | 21 | 20 | 200* | 0,76 |

(*) unità minima di vendita / minimum selling quantity

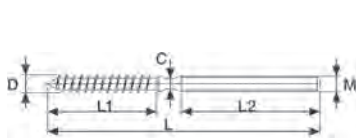
**215****DADO ESAGONALE MEDIO ZINCATO**

- GALVANIZED BACK NUT
- 6-KANT GEGENMUTTER VERZINKT
- ÉCROU HEXAGONAL GALVANISÉ
- TUERCA HEXAGONAL GALVANIZADA

NORM: UNI 5588**Y 10 13**

| CODE | M | C mm | H mm | | | | € |
|------------------|------|---------|---------|----|----|------|-------------|
| 215006001 | M 6 | 10 | 5 | 2 | 20 | 500* | 0,26 |
| 215008001 | M 8 | 13 | 6,5 | 5 | 20 | 500* | 0,28 |
| 215010001 | M 10 | 17 | 8 | 5 | 20 | 500* | 0,33 |
| 215012001 | M 12 | 19 | 10 | 15 | 20 | 300* | 0,46 |
| 215016001 | M 16 | 24 | 13 | 29 | 20 | 200* | 0,78 |



(*) unità minima di vendita / minimum selling quantity



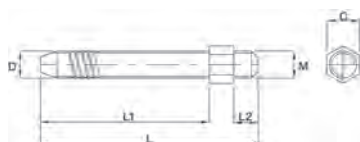
216

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 |  |  | € |
|-----------|------|---------|----------|----------|---------|---------|---|---|------|
| 216008090 | M 8 | 90 | 50 | 30 | 5 | 8 | 24 | 250* | 0,47 |
| 216008100 | M 8 | 100 | 65 | 23 | 5 | 8 | 24 | 250* | 0,57 |
| 216010120 | M 10 | 120 | 60 | 45 | 7 | 10 | 53 | 200* | 0,82 |
| 216010140 | M 10 | 140 | 60 | 45 | 7 | 10 | 64 | 200* | 1,00 |
| 216010180 | M 10 | 180 | 60 | 86 | 7 | 10 | 86 | 150* | 1,57 |
| 216010250 | M 10 | 220 | 60 | 44 | 7 | 10 | 108 | 100* | 3,74 |



[*] unità minima di vendita / minimum selling quantity



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 |  |  | € |
|-----------|------|---------|----------|----------|---------|---------|---|---|------|
| 216008093 | M 8 | 93 | 74 | 7,5 | 10 | 8 | 27 | 250* | 0,77 |
| 216010093 | M 10 | 90 | 72 | 9 | 12 | 10 | 27 | 200* | 0,97 |




[*] unità minima di vendita / minimum selling quantity



216/KIT

KIT VITE FERRO-LEGNO + TASSELLO + DADO

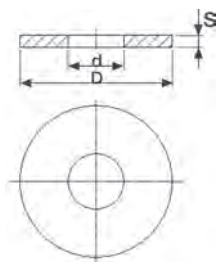
- KIT SCREW + PLUG + BACK NUT
- KIT HOLZSCHRAUBE + DÜBEL + 6-KUNT GEGENMUTTER
- KIT VIS BATTENTE + CHEVILLE + ÉCROU HEXAGONAL
- KIT TORNILLO + TACO + TUERCA HEXAGONAL

| CODE | Plug | Screw | Back nut |  |  |  | € |
|------------|---------|------------|----------|---|---|---|------|
| 216008100K | 10 x 70 | M 8 x 100 | M 8 | 75 | 1 kit | 200 kit* | 1,99 |
| 216010120K | 14 x 70 | M 10 x 120 | M 10 | 140 | 1 kit | 100 kit* | 2,72 |

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



218

Y 10 13

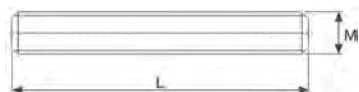
RONDELLA PIANA ZINCATA

- GALVANIZED WASHER
- UNTERLEGSCHIBE VERZINK
- RONDELLE GALVANISÉE
- ARANDELA PLANA GALVANIZADA

| CODE | M | D mm | d mm | S mm | | | | € |
|------------|------|---------|---------|---------|----|----|-------|------|
| 218000006 | M 6 | 24 | 6,3 | 1,5 | 6 | 20 | 500** | 0,30 |
| 218000008 | M 8 | 24 | 8,6 | 1,5 | 7 | 20 | 500** | 0,30 |
| 218000010 | M 10 | 30 | 10,6 | 2,5 | 11 | 20 | 500** | 0,35 |
| 218000012 | M 12 | 36 | 13,2 | 3 | 19 | 20 | 500** | 0,47 |
| 218000016 | M 16 | 48 | 18 | 4 | 48 | 20 | 500** | 0,77 |
| 218008000* | M 8 | 40 | 8,7 | 4 | 20 | 20 | 500** | 1,76 |
| 218010000* | M 10 | 40 | 10,7 | 3 | 22 | 20 | 500** | 0,71 |
| 218012000* | M 12 | 48 | 12,4 | 4 | 51 | 20 | 200** | 1,91 |

[*] per profilo / for fixing rail 41 x 41 mm

[**] unità minima di vendita / minimum selling quantity



219

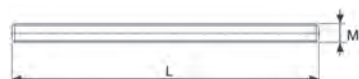
Y 10 13

TRONCHETTO FILETTATO ZINCATO

- GALVANIZED THREADED ROD
- GEWINDESTANGE VERZINK
- TIGE FILETÉE GALVANISÉE
- ESPÁRRAGO SEPARADOR GALVANIZADO

| CODE | M | L mm | | | | € |
|-----------|------|---------|----|----|------|------|
| 219000008 | M 8 | 32 | 9 | 20 | 500* | 0,42 |
| 219000010 | M 10 | 32 | 15 | 20 | 500* | 0,49 |
| 219000012 | M 12 | 32 | 22 | 20 | 500* | 1,53 |

[*] unità minima di vendita / minimum selling quantity



264

Y 10 13

BARRA FILETTATA ZINCATA

- GALVANIZED THREADED ROD
- GEWINDESTANGE VERZINK
- TIGE FILETÉE GALVANISÉE
- VARILLA ROSCADA GALVANIZADA

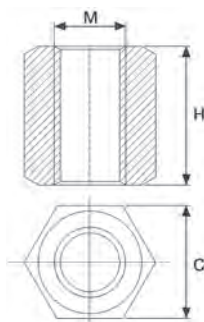
MATERIAL: acciaio 4.8 min. ISO 898-1
steel grade 4.8 min. ISO 898-1
Carico rottura traz. 40 Kg/mm²
Tensile failure load 40 Kg/mm²

NORM: DIN 975

GALVANIZATION: bianca/white
5 CR3 EN ISO 4042

| CODE | M | L mm | Section mm ² | | | € |
|-----------|------|---------|----------------------------|------|------|-------|
| 264600001 | M 6 | 1000 | 20,1 | 168 | 100* | 2,67 |
| 264800001 | M 8 | 1000 | 36,6 | 306 | 50* | 3,29 |
| 264100001 | M 10 | 1000 | 58 | 480 | 25* | 4,95 |
| 264120001 | M 12 | 1000 | 84,3 | 690 | 20* | 8,22 |
| 264160001 | M 16 | 1000 | 157 | 1292 | 10* | 13,84 |




[*] unità minima di vendita / minimum selling quantity



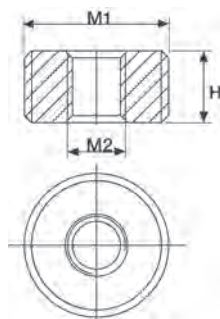
220

MANICOTTO ZINCATO DI CONGIUNZIONE

- GALVANIZED STUD CONNECTOR
- EINSCHLAGANKER VERZINK
- RACCORD DE JONCTION FF GALVANISÉE
- MANGUITO SEPARADOR GALVANIZADO

| CODE | M | C mm | H mm |  |  |  | € |
|-----------|------|---------|---------|---|---|---|------|
| 220000008 | M 8 | 13 | 25 | 13 | 20 | 200* | 2,23 |
| 220000010 | M 10 | 17 | 30 | 20 | 20 | 100* | 3,86 |
| 220000012 | M 12 | 19 | 35 | 28 | 20 | 100* | 5,22 |




(*) unità minima di vendita / minimum selling quantity



222

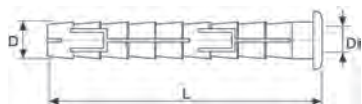
**ADATTATORE ZINCATO
1/2" GAS - M8 / M10**

- 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 |  |  |  | € |
|-----------|------|------------|---------|---|---|---|------|
| 222102008 | 1/2" | M 8 x 1,25 | 10 | 19 | 10 | 200* | 1,79 |
| 222102010 | 1/2" | M 10 x 1,5 | 10 | 17 | 10 | 200* | 1,76 |



(*) 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 |  |  | € |
|------------------|---------|---------|----------|---|---|-------------|
| 252060350 | 35 | 6 | 5 | 2 | 1000 | 0,31 |
| 252100500 | 50 | 10 | 6 | 2 | 600 | 0,36 |
| 252100700 | 70 | 10 | 8 | 3 | 600 | 0,39 |
| 252140700 | 70 | 14 | 11 | 4 | 350 | 0,57 |

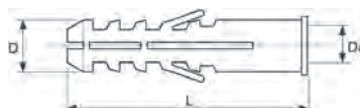
Cod. 252100700: per vite M 8 x 100 (216) ed M 8 x 93 a battente (216/B)

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

| CODE | L mm | D mm | Di mm |  |  | € |
|------------------|---------|---------|----------|---|---|-------------|
| 252600300 | 30 | 6 | 4,5 | 2 | 1000 | 0,43 |
| 252800400 | 40 | 8 | 6 | 5 | 1000 | 0,43 |
| 252100600 | 60 | 10 | 8,5 | 2 | 600 | 0,59 |
| 252140750 | 75 | 14 | 12 | 4 | 350 | 0,80 |

**252/OTT****TASSELLO IN OTTONE PER FISSAGGI MEDIO-PESANTI**

- BRASS ANCHOR
- MESSINGDÜBEL
- CHEVILLE EN LAITON
- ANCLAJE LATÓN

| CODE | M | L mm | D mm |  |  | € |
|-----------|------|---------|---------|--|---|------|
| 252006OTT | M 6 | 25 | 8 | 4 | 200 | 1,35 |
| 252008OTT | M 8 | 30 | 10 | 8 | 200 | 2,04 |
| 252010OTT | M 10 | 35 | 12 | 14 | 100 | 2,88 |
| 252012OTT | M 12 | 40 | 15 | 26 | 100 | 5,06 |

CARICHI MASSIMI AMMISSIBILI IN daN PER APPLICAZIONI IN CALCESTRUZZO
MAXIMUM PERMITTED LOADS IN daN FOR CONCRETE APPLICATIONS
 $RC \geq 25 \text{ N/mm}^2$

| Ancorante/Anchor | 252006OTT | 252008OTT | 252010OTT | 252012OTT |
|------------------|-----------|-----------|-----------|-----------|
| Vite/Screw 8.8 | 140 | 200 | 250 | 340 |

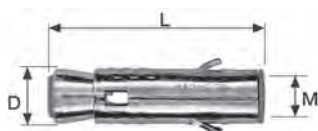
NOTE

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.

**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 |  |  | € |
|-----------|------|---------|---------|--|---|-------|
| 252006ACC | M 6 | 47 | 12 | 18 | 100 | 2,40 |
| 252008ACC | M 8 | 55 | 14 | 28 | 50 | 3,09 |
| 252010ACC | M 10 | 65 | 16 | 36 | 50 | 5,06 |
| 252012ACC | M 12 | 75 | 20 | 72 | 25 | 8,33 |
| 252016ACC | M 16 | 92 | 24 | 110 | 10 | 14,96 |

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 | | | € |
|-----------|------|---------|------------|---------|-----|----|-------|
| 252006ACV | M 6 | 47 | M 6 x 55 | 12 | 32 | 50 | 3,54 |
| 252008ACV | M 8 | 55 | M 8 x 65 | 14 | 58 | 50 | 4,27 |
| 252010ACV | M 10 | 65 | M 10 x 80 | 16 | 96 | 25 | 7,47 |
| 252012ACV | M 12 | 75 | M 12 x 100 | 20 | 170 | 20 | 11,18 |
| 252016ACV | M 16 | 92 | M 16 x 110 | 24 | 306 | 10 | 20,92 |

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 |

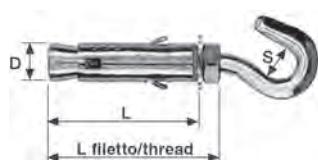
NOTE

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:

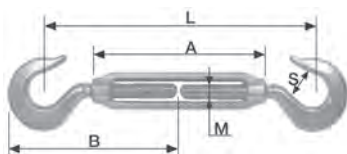
- stresses applied in any direction (axial tension, cutting, tilted load)
- anchors installed with edge distances and distances between equal anchors or exceeding the critical conditions; for distances less than those criticals, it is necessary to reduce loads
- media thicknesses equal or bigger than those indicated above.

**252/GAN****TASSELLO IN ACCIAIO A GANCIO M6**

- ANCHOR WITH HOOK
- STAHLDÜBEL MIT HAKEN
- CHEVILLE EN ACIER AVEC CROCHET
- ANCLAJE GANCHO



Y1013

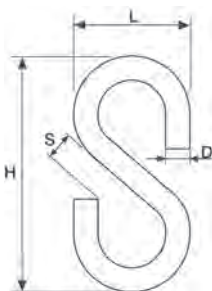
| CODE | M | L mm | L thread M x L mm | D mm | S mm |  |  | € |
|-----------|-----|---------|----------------------|---------|---------|---|---|-------|
| 252000000 | M 6 | 47 | M 6 x 55 | 12 | 8 | 32 | 50 | 14,32 |

**252/TEN****TENDITORE A 2 GANCI M6**

- STRETCHER WITH TWO M6 HOOKS
- SPANNER MIT 2 HAKEN
- TENDEUR AVEC DEUX CROCHET
- TENSOR GALVANIZADO



Y1013

| CODE | M | L min mm | L max mm | A mm | B mm | S mm |  |  | € |
|-----------|-----|-------------|-------------|---------|---------|---------|---|---|------|
| 252000001 | M 6 | 110 | 170 | 80 | 66 | 8 | 66 | 50 | 7,68 |

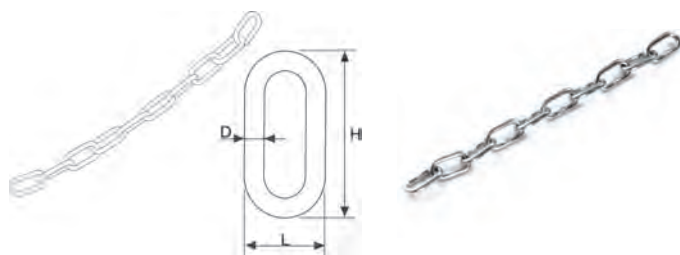
**252/S****GANCIO A "S" ZINCATO**

- "S" HOOK
- S HAKEN
- CROCHET "S"
- GANCHO "S"



Y1013

| CODE | L mm | D mm | S mm | H mm |  |  | € |
|-----------|---------|---------|---------|---------|---|---|------|
| 252000002 | 24 | 5 | 6,5 | 49 | 16 | 300 | 0,71 |

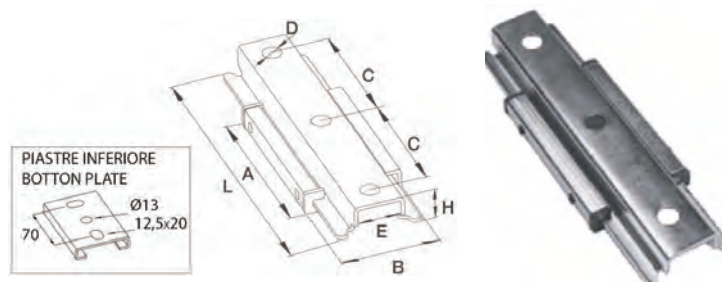
Y 10 13

**252/CAT****CATENA GENOVESE**

- CHAIN
- KETTE
- CHÂÎNE
- CADENA



| CODE | D mm | H mm | L mm |  |  | €/m |
|-----------|---------|---------|---------|---|---|------|
| 252000003 | 2,2 | 20 | 11 | 4730 | 50 m | 4,25 |
| 252000004 | 3 | 25 | 10 | 6910 | 100 m | 5,66 |

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 |  |  | € |
|-----------|---------|---------|---------|---------|---------|---------|---------|---|---|-------|
| 204000000 | 210 | 109 | 66 | 80 | 12,5 | 29 | 21 | 540 | 12 | 23,34 |

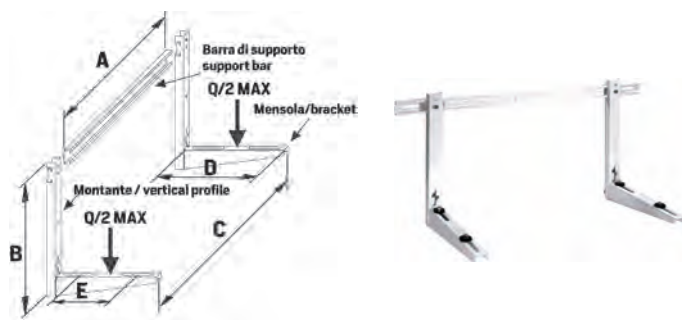
MATERIALE: Acciaio Zincato. Guide di scorrimento: Poliammide con fibre di vetro.**LUNGHEZZA DI SCORRIMENTO:** max 80 mm**RESISTENZA A TEMPERATURE:** da -30° C a +120° C**CARICO MASSIMO DI DEFORMAZIONE:** oltre 500 Kg**CARICO MASSIMO PER SCORREVOLEZZA:** con fissaggio a soffitto o pavimento 130 kgf, con fissaggio a parete 100 Kg.**POSA:** bullone M10 per assemblaggio supporto inferiore, bullone 214 TMS 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 Kg**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 |  |  | € |
|-----------|-----------------------|---------|---------|---------|---------|---------|-----------------------|---|---|-------|
| 204304300 | 3/4" - 3" 25-85 mm | 55 | 40 | 82 | 40 x 4 | 37 | 500 | 0,550 | 20 | 57,87 |
| 204300600 | 3" - 6" 80-180 mm | 78 | 48 | 110 | 50 x 4 | 38 | 1000 | 0,900 | 16 | 74,10 |

**232/H****STAFFA UNIVERSALE PER UNITÀ ESTERNA**

- UNIVERSAL BRACKET FOR AIR CONDITIONER
- UNIVERSAL KONSOLE FÜR EXTERNE EINHEIT
- SUPPORT 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 | | | € |
|------------------|---------|---------|---------|---------|---------|---------------------------|------|---|---------------|
| 232420450 | 1000 | 475 | 450 | 160-370 | 90-950 | 95 | 6500 | 1 | 160,28 |
| 232420600 | 1000 | 475 | 600 | 230-530 | 90-950 | 85 | 8100 | 1 | 179,59 |

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 epossì-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.

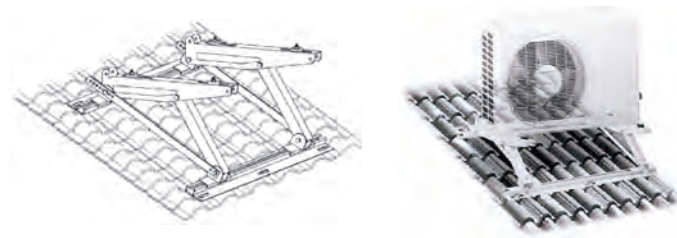
Raccorderie Metalliche garantisce le portate di carico fatto salvo il corretto ancoraggio alla parete.

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 correct wall anchorage.

**233/T****STAFFA A TETTO PER UNITÀ ESTERNA**

- ROOF SUPPORT
- DACHFOERMIG KONSOLE FÜR EXTERNE EINHEIT
- SUPPORT DE FIXATION POUR UNITÉ EXTERNE
- SOPORTE DE TECHO

DIMENSION: 450 x 850 mm

| CODE | MAX capacity with tilt | | | | | | € |
|------------------|------------------------|-----------|-----------|-----------|------|---|---------------|
| | 15° kg | 20° kg | 25° kg | 30° kg | | | |
| 233450800 | 80 | 100 | 120 | 150 | 7358 | 1 | 198,71 |

MATERIALE STAFFE: acciaio al carbonio sp. 1,5 mm.

TRATTAMENTO SUPERFICIALE: zincatura tipo sendzimir e verniciatura tipo epossì-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.

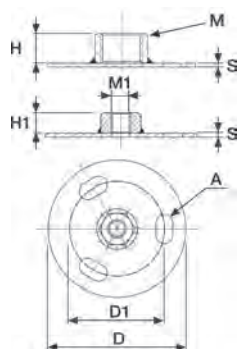
SURFACE TREATMENT: sendzimir zinc plating and painting with epoxy-polyester powder coating for outside.

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.

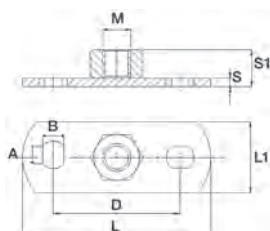
Raccorderie Metalliche guarantees the load only in the case of a correct wall anchorage.

**263/R****Y 10 13****FLANGIA A MURO ZINCATA**



- GALVANIZED FIXING FLANGE
- WANDFLANSCH VERZINK
- BASE (POINT FIXE) DE FIXATION GALVANISÉE
- PLETINA FIJACIÓN GALVANIZADA

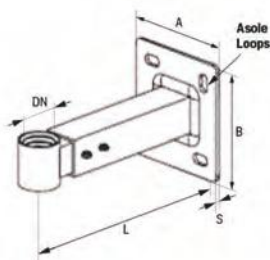
| CODE | M | M1 | A mm | D mm | D1 mm | S mm | H mm | H1 mm |  |  | € |
|------------------|----------------|-----|----------|---------|----------|---------|---------|----------|---|---|-------------|
| 263102000 | øe 26,5 x 1/2" | - | 17 x 8,5 | 70 | 52 | 2 | 16 | - | 165 | 100* | 4,18 |
| 263100000 | - | M10 | 17 x 8,5 | 70 | 52 | 2 | - | 10 | 150 | 100* | 3,35 |

(*) unità minima di vendita / minimum selling quantity

**263/L****Y 10 13****FLANGIA A MURO ZINCATA**

- GALVANIZED FIXING FLANGE
- WANDFLANSCH 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 |  |  | € |
|------------------|-----|---------|----------|---------|---------|----------|-------------|---|---|-------------|
| 263080001 | M 8 | 80 | 30 | 53 | 3 | 11 | 8,5 x 17 | 50 | 50 | 2,94 |



263/T

Y 10 13

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]

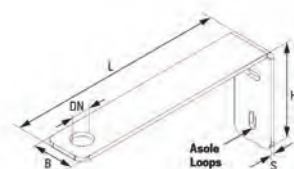
NOTE: supporto vaso zincato
tank support galvanized

| CODE | DN inch | A mm | L mm | B mm | S mm | Loops mm | Q MAX (capacity) kg |  |  |  | € |
|-----------|------------|---------|-----------|---------|---------|-------------|---------------------------|---|---|---|-------|
| 263304002 | 3/4" | 88 | 160 - 250 | 95 | 3 | 9 x 15 | 60 kg (tank 15÷50 l) | 623 | 1 | 15* | 26,12 |
| 263100002 | 1" | 88 | 160 - 250 | 95 | 3 | 9 x 15 | 60 kg (tank 15÷50 l) | 763 | 1 | 15* | 26,26 |

ACCESSORI: completa di n° 2 viti M 8x70 (DIN 571) e n° 2 tasselli ø 10 mm

ACCESSORIES: complete with 2 screws M 8x70 (DIN 571) and n° 2 plugs ø 10 mm

[*] unità minima di vendita / minimum selling quantity






263/B

Y 10 13

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 |  |  |  | € |
|-----------|------------|---------|---------|---------|---|---------|---------------------------|---|---|---|-------|
| 263304003 | 3/4" | 265 | 50 | 5 | 8,5 x 21 interasse wheelbase 55 mm | 120 | 25 | 700 | 1 | 10* | 19,84 |

ACCESSORI: completa di n° 2 viti M 8x60 (DIN 571) e n° 2 tasselli ø 10 mm

ACCESSORIES: complete with 2 screws M 8x60 (DIN 571) and n° 2 plugs ø 10 mm

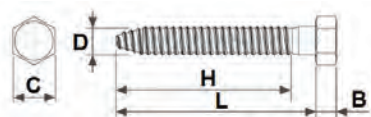
[*] unità minima di vendita / minimum selling quantity

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 | | | € |
|-----------|---------|---------|---------|---------|---------|----|-----|------|
| 223008060 | 60 | 5,5 | 13 | 8 | 55 | 20 | 500 | 0,49 |

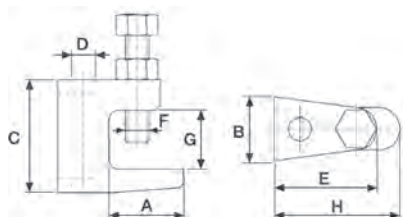
Y 10 13

258/M

MORSETTO IN GHISA PER ANCORAGGIO A TRAVI

- BEAM CLAMP
- TRÄGERKLAMMER
- CRAMPON SERRE-JOINT
- GANCHO DE SUJECCIÓN

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 | | | € |
|-----------|---------|---------|---------|---------|---------|---------|---------|---------|---------------------------|---------------|-----|------|-------|
| 258008000 | 21 | 19 | 35 | M 8 | 35 | M 8 | 18 | 38 | 120 | VdS - UL | 84 | 100* | 7,66 |
| 258010000 | 23 | 21 | 42 | M 10 | 41 | M 10 | 20 | 44 | 250 | VdS - UL - FM | 146 | 100* | 8,55 |
| 258012000 | 35 | 23,5 | 54 | M 12 | 48 | M 10 | 26 | 58 | 350 | VdS - UL - FM | 220 | 50* | 14,27 |

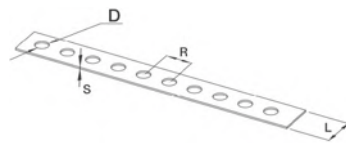
(*) unità minima di vendita / minimum selling quantity

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 | | | € |
|-----------|---------|---------|---------|---------|-------------------|-----|-----------------|-------|
| 357000000 | 17 | 6,5 | 0,8 | 13 | 10 metri / meters | 838 | 10 rotoli/rolls | 26,03 |

Y 10 13

357/T

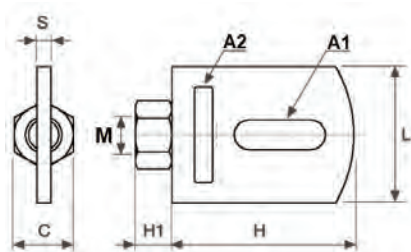
BANDELLA DI TESSUTO

- FABRIC BAND
- GEWEBEBAND
- BANDE EN TISSU
- TIRA EN TEJIDO

MATERIAL: polipropilene - polypropylene
Polypropylen - polypropylène
polipropileno



| CODE | L mm | S mm | Total length m | | | € |
|-----------|---------|---------|-------------------|----|-------------------|-------|
| 357000004 | 15 | 0,8 | 10 metri / meters | 73 | 10 rotoli / rolls | 11,24 |

**357/SUP**

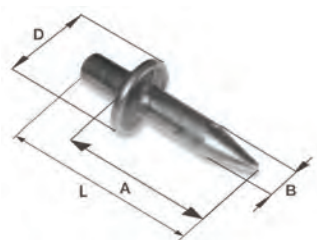
Y1013

SUPPORTO PER BANDELLA CON VITE E DADO

- KIT SUPPORT FOR SUSPENSION BAND
- ROHRAUFHÄNGER MIT SCHRAUBEN UND GEGENMUTTER
- SUPPORT 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 | | | | € |
|-----------|-----|---------|---------|---------|---------|----------|----------|----------|-------------------------------------|----|---|------|------|
| 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* | 7,03 |

[*] unità minima di vendita / minimum selling quantity

**357/02**

Y1013

CHIDO 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 | | | € |
|-----------|---------|---------|---------|---------|---|-----|------|
| 357000002 | 27 | 18 | 4 | 10 | 1 | 500 | 0,28 |

**357/03**

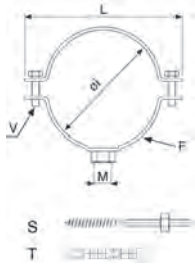
Y1013

IMPUGNATURA PORTA CHIDO

- NAIL-HOLDER GRIP
- EINSCHLAGWERKZEUG
- POIGNÉE PORTE CLOU
- EMPUÑADURA PORTA CLAVO

| CODE | | | € |
|-----------|-----|---|--------|
| 357000003 | 838 | 1 | 116,53 |

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* | 6,35 |
| 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* | 6,35 |
| 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* | 6,90 |
| 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* | 7,67 |
| 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* | 8,27 |
| 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* | 8,86 |
| 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* | 9,65 |
| 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* | 9,65 |
| 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* | 16,32 |
| 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* | 18,20 |
| 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* | 21,00 |
| 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* | 23,33 |
| 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* | 30,37 |
| 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* | 33,95 |
| 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* | 42,38 |

(*) unità minima di vendita / minimum selling quantity

MATERIALE IN ACCIAIO INOSSIDABILE / Stainless steel material

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



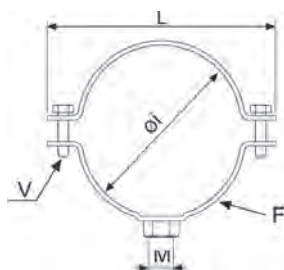
| CODE | Plug | Screw | Back nut | g | | | € |
|------------|---------|------------|----------|-----|-------|----------|-------|
| 158216008K | 10 x 70 | M 8 x 100 | M 8 | 72 | 1 kit | 200 kit* | 9,34 |
| 158216010K | 14 x 70 | M 10 x 120 | M 10 | 140 | 1 kit | 100 kit* | 12,93 |

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

A 50 50



156/304

COLLARE FISSAGGIO TUBO

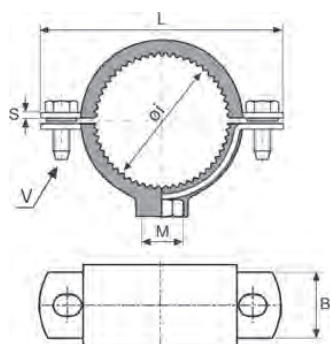
- CLAMP
- ROHRSCHELLE
- COLLIER DE FIXATION
- ABRAZADERA

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 | | | € |
|-----------|------------|----------|-----------|------|----------|-----------------|---------|-----|---|-----------|
| 156015304 | 15 mm | 15 | 15 | M 8 | M 6 x 20 | 20 x 2,5 | 48 | 52 | 1 | 50* 5,83 |
| 156308304 | 3/8" | 18 | 16 - 18 | M 8 | M 6 x 20 | 20 x 2,5 | 53,5 | 58 | 1 | 50* 5,83 |
| 156102304 | 1/2" | 22 | 20 - 22 | M 8 | M 6 x 20 | 20 x 2,5 | 58 | 62 | 1 | 50* 5,61 |
| 156304304 | 3/4" | 28 | 25 - 28 | M 8 | M 6 x 20 | 20 x 2,5 | 63,5 | 68 | 1 | 50* 5,81 |
| 156100304 | 1" | 35 | 31 - 35 | M 8 | M 6 x 20 | 20 x 2,5 | 70 | 76 | 1 | 50* 6,50 |
| 156114304 | 1 1/4" | 42 | 39 - 43 | M 8 | M 6 x 20 | 20 x 2,5 | 79 | 88 | 1 | 50* 7,20 |
| 156112304 | 1 1/2" | - | 45 - 48,5 | M 8 | M 6 x 20 | 20 x 2,5 | 85 | 92 | 1 | 50* 7,77 |
| 156054304 | 54 mm | 54 | 54 | M 8 | M 6 x 25 | 20 x 2,5 | 94 | 102 | 1 | 50* 8,46 |
| 156200304 | 2" | - | 58 - 61 | M 8 | M 6 x 20 | 20 x 2,5 | 97 | 104 | 1 | 50* 8,46 |
| 156212304 | 2 1/2" | 76,1 | 73 - 76,5 | M 10 | M 6 x 25 | 30 x 2,5 | 115 | 200 | 1 | 20* 14,82 |
| 156300304 | 3" | 88,9 | 86 - 89 | M 10 | M 6 x 25 | 30 x 2,5 | 128 | 221 | 1 | 20* 16,16 |
| 156312304 | 3 1/2" | - | 99 - 103 | M 10 | M 6 x 25 | 30 x 2,5 | 148 | 238 | 1 | 20* 18,34 |
| 156108304 | 108 mm | 108 | 108 | M 10 | M 6 x 25 | 30 x 2,5 | 149 | 252 | 1 | 20* 18,73 |
| 156400304 | 4" | - | 110 - 115 | M 10 | M 6 x 25 | 30 x 2,5 | 153,5 | 266 | 1 | 20* 18,73 |
| 156500304 | 5" | 139,7 | 139 - 143 | M 10 | M 6 x 25 | 30 x 2,5 | 198 | 326 | 1 | 10* 27,21 |
| 156600304 | 6" | 168,3 | 166 - 170 | M 10 | M 6 x 25 | 30 x 2,5 | 230 | 406 | 1 | 10* 31,17 |
| 156800304 | 8" | - | 217 - 221 | M 10 | M 6 x 25 | 30 x 2,5 | 281 | 510 | 1 | 10* 38,47 |

[*] unità minima di vendita / minimum selling quantity

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

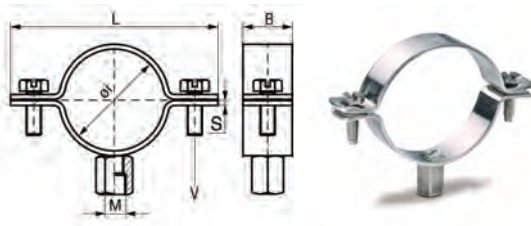
VULCANIZED RUBBER: EPDM (-20° C/+120° C)
durezza/hardness 55 ShoreNOTE: dado saldato con puntatura elettrica
spot welded nut

A 50 50

| CODE | DN inch | DN mm | Øi mm | M | V mm | B mm | S mm | L mm | | | € |
|------------|------------|----------|-----------|------|----------|---------|---------|---------|-----|---|-----------|
| 156150304G | - | 15 | 15 - 18 | M 8 | M 6 x 20 | 20 | 2,5 | 58 | 72 | 1 | 50* 11,85 |
| 156308304G | 3/8" | 18 | 16 - 18 | M 8 | M 6 x 20 | 20 | 2,5 | 58 | 76 | 1 | 50* 11,85 |
| 156102304G | 1/2" | 22 | 20 - 24 | M 8 | M 6 x 20 | 20 | 2,5 | 63,5 | 86 | 1 | 50* 12,08 |
| 156304304G | 3/4" | 28 | 25 - 28 | M 8 | M 6 x 20 | 20 | 2,5 | 70 | 94 | 1 | 50* 12,56 |
| 156100304G | 1" | 35 | 31 - 35 | M 8 | M 6 x 20 | 20 | 2,5 | 79 | 112 | 1 | 50* 13,31 |
| 156114304G | 1 1/4" | 42 | 39 - 43 | M 8 | M 6 x 20 | 20 | 2,5 | 85 | 120 | 1 | 50* 15,51 |
| 156112304G | 1 1/2" | 54 | 47 - 54 | M 8 | M 6 x 25 | 20 | 2,5 | 97 | 142 | 1 | 50* 16,91 |
| 156200304G | 2" | - | 58 - 61 | M 8 | M 6 x 20 | 20 | 2,5 | 107 | 156 | 1 | 20* 18,37 |
| 156212304G | 2 1/2" | 76,1 | 73 - 76,5 | M 10 | M 6 x 25 | 30 | 2,5 | 128 | 308 | 1 | 10* 25,68 |
| 156300304G | 3" | 88,9 | 86 - 89 | M 10 | M 6 x 25 | 30 | 2,5 | 148 | 346 | 1 | 10* 27,83 |
| 156400304G | 4" | - | 110 - 115 | M 10 | M 6 x 25 | 30 | 2,5 | 166 | 382 | 1 | 10* 33,61 |

[*] unità minima di vendita / minimum selling quantity

A 50 51



156/316

COLLARE FISSAGGIO TUBO

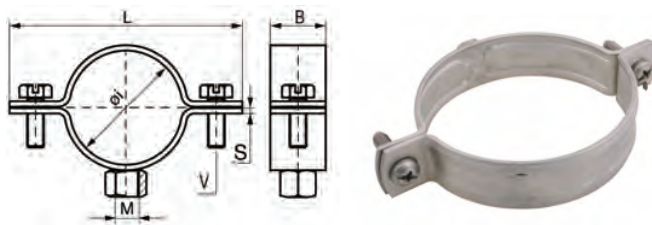
- CLAMP
- ROHRSCHELLE
- COLLIER DE FIXATION
- ABRAZADERA

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 | Box | € |
|------------|------------|----------|-----------|----------|----------|---------|---------|---------|-----|-----|-------|
| 156308316 | 3/8" | 15 - 18 | 15 - 18 | M 8 / 10 | M 6 x 16 | 20 | 2 | 54 | 56 | 50* | 8,98 |
| 156102316 | 1/2" | 22 | 20 - 24 | M 8 / 10 | M 6 x 16 | 20 | 2 | 62 | 62 | 50* | 9,62 |
| 156304316 | 3/4" | 28 | 26 - 30 | M 8 / 10 | M 6 x 16 | 20 | 2 | 66 | 64 | 50* | 10,09 |
| 156100316 | 1" | 35 | 32 - 36 | M 8 / 10 | M 6 x 20 | 20 | 2 | 72 | 70 | 50* | 10,49 |
| 156114316 | 1 1/4" | 42 | 36 - 42 | M 8 / 10 | M 6 x 20 | 20 | 2 | 80 | 83 | 50* | 11,31 |
| 156112316 | 1 1/2" | - | 47 - 50 | M 8 / 10 | M 6 x 20 | 20 | 2 | 87 | 89 | 50* | 12,07 |
| 156054316 | 54 mm | 54 | 51 - 55 | M 8 / 10 | M 6 x 20 | 20 | 2 | 94 | 94 | 50* | 12,53 |
| 156200316 | 2" | - | 60 - 64 | M 8 / 10 | M 6 x 20 | 20 | 2 | 102 | 102 | 50* | 13,37 |
| 156070316 | 70 mm | - | 67 - 73 | M 8 / 10 | M 6 x 20 | 20 | 2 | 118 | 110 | 20* | 14,95 |
| 156212316 | 2 1/2" | 76,1 | 75 - 80 | M 8 / 10 | M 6 x 20 | 20 | 2 | 125 | 117 | 20* | 15,19 |
| 156300316 | 3" | 88,9 | 87 - 92 | M 8 / 10 | M 6 x 20 | 20 | 2 | 141 | 132 | 20* | 16,68 |
| 156312316 | 3 1/2" | - | 99 - 105 | M 8 / 10 | M 6 x 20 | 20 | 2 | 155 | 143 | 20* | 18,15 |
| 156108316 | 108 mm | 108 | 106 - 112 | M 8 / 10 | M 6 x 20 | 20 | 2 | 162 | 152 | 20* | 19,18 |
| 156400316 | 4" | - | 114 - 119 | M 8 / 10 | M 6 x 25 | 20 | 2 | 171 | 161 | 20* | 20,88 |
| 156125316 | 125 mm | - | 124 - 131 | M 8 / 10 | M 6 x 25 | 20 | 2 | 179 | 179 | 10* | 22,18 |
| 156160316 | 160 mm | - | 159 - 163 | M 8 / 10 | M 6 x 25 | 20 | 2 | 211 | 201 | 10* | 25,72 |
| 1560200316 | 200 mm | - | 199 - 204 | M 8 / 10 | M 6 x 25 | 20 | 2 | 253 | 256 | 10* | 27,65 |

(*) unità minima di vendita / minimum selling quantity

MATERIALE IN ACCIAIO INOSSIDABILE / Stainless steel material



156/316L

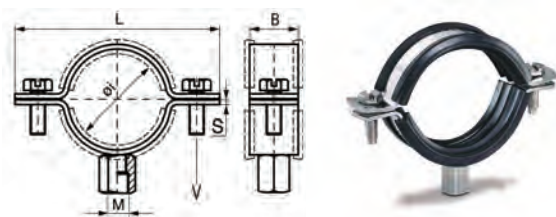
COLLARE FISSAGGIO TUBO - SERIE PESANTE

- 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 | Box | € |
|-----------|------------|----------|-----------|------|----------|---------|---------|---------|-----|-----|-------|
| 156500316 | 5" | 139,7 | 139 - 144 | M 10 | M 6 x 25 | 20 | 2,5 | 179 | 210 | 10* | 25,69 |
| 156600316 | 6" | 168,3 | 164 - 169 | M 10 | M 6 x 25 | 20 | 2,5 | 203 | 240 | 10* | 27,17 |

(*) unità minima di vendita / minimum selling quantity



156/316 G



COLLARE CON GOMMA

- CLAMP WITH RUBBER
- ROHRSCHELLE MIT GUMMIEINLAGE
- COLLIER DE FIXATION GARNITURE ISOPHONIQUE
- ABRAZADERA ISOFÓNICA

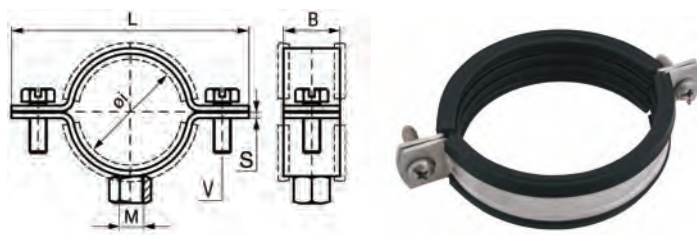
MATERIAL: AISI 316 - 1.4401

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 |  |  | € |
|------------|------------|----------|-----------|----------|----------|---------|---------|---------|---|---|-------|
| 156308316G | 3/8" | 15 - 18 | 15 - 18 | M 8 / 10 | M 6 x 16 | 20 | 2 | 65 | 71 | 50* | 10,55 |
| 156102316G | 1/2" | 22 | 20 - 24 | M 8 / 10 | M 6 x 16 | 20 | 2 | 69 | 77 | 50* | 11,13 |
| 156304316G | 3/4" | 28 | 26 - 30 | M 8 / 10 | M 6 x 16 | 20 | 2 | 74 | 83 | 50* | 11,52 |
| 156100316G | 1" | 35 | 32 - 36 | M 8 / 10 | M 6 x 20 | 20 | 2 | 81 | 91 | 50* | 12,40 |
| 156114316G | 1 1/4" | 42 | 38 - 42 | M 8 / 10 | M 6 x 20 | 20 | 2 | 89 | 100 | 50* | 13,32 |
| 156112316G | 1 1/2" | - | 47 - 50 | M 8 / 10 | M 6 x 20 | 20 | 2 | 100 | 111 | 50* | 14,36 |
| 156054316G | 54 mm | 54 | 51 - 55 | M 8 / 10 | M 6 x 20 | 20 | 2 | 102 | 120 | 50* | 15,06 |
| 156200316G | 2" | - | 60 - 64 | M 8 / 10 | M 6 x 20 | 20 | 2 | 114 | 132 | 20* | 16,51 |
| 156070316G | 70 mm | - | 67 - 73 | M 8 / 10 | M 6 x 20 | 20 | 2 | 124 | 147 | 10* | 18,62 |
| 156212316G | 2 1/2" | 76,1 | 75 - 80 | M 8 / 10 | M 6 x 20 | 20 | 2 | 130 | 154 | 10* | 19,28 |
| 156300316G | 3" | 88,9 | 87 - 92 | M 8 / 10 | M 6 x 20 | 20 | 2 | 141 | 170 | 10* | 22,62 |
| 156312316G | 3 1/2" | - | 100 - 106 | M 8 / 10 | M 6 x 20 | 20 | 2 | 165 | 189 | 10* | 23,23 |
| 156108316G | - | 108 | 108 | M 8 / 10 | M 6 x 25 | 20 | 2 | 168 | 200 | 10* | 23,30 |
| 156400316G | 4" | - | 114 - 119 | M 8 / 10 | M 6 x 25 | 20 | 2 | 180 | 210 | 10* | 24,04 |
| 156125316G | 125 mm | - | 124 - 131 | M 8 / 10 | M 6 x 25 | 20 | 2 | 191 | 220 | 10* | 25,48 |
| 156160316G | 160 mm | - | 159 - 165 | M 8 / 10 | M 6 x 25 | 20 | 2 | 217 | 261 | 10* | 29,73 |

[*] unità minima di vendita / minimum selling quantity





156/316L G

COLLARE CON GOMMA - SERIE PESANTE

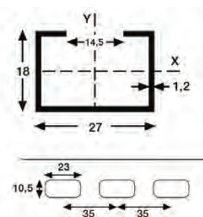
- CLAMP WITH RUBBER - HEAVY SERIES
- ROHRSCHELLE MIT GUMMIEINLAGE - SCHWERE SERIE
- COLLIER DE FIXATION GARNITURE ISOPHONIQUE - SÉRIE LOURDE
- ABRAZADERA ISOFÓNICA - SERIE PESADA

MATERIAL: AISI 316L - 1.4404

VULCANIZED RUBBER: EPDM (-20° C/+120° C)
durezza/hardness
55 ShoreNOTE: dado saldato con puntatura elettrica
spot welded nut

| CODE | DN inch | DN mm | Øi mm | M | V mm | B mm | S mm | L mm |  |  | € |
|------------|------------|----------|-----------|------|----------|---------|---------|---------|---|---|-------|
| 156500316G | 5" | 139,7 | 133 - 141 | M 10 | M 6 x 25 | 20 | 2,5 | 179 | 250 | 10* | 28,84 |
| 156600316G | 6" | 168,3 | 159 - 168 | M 10 | M 8 x 35 | 25 | 2,5 | 233 | 470 | 10* | 31,61 |

[*] unità minima di vendita / minimum selling quantity



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

A 50 50

| CODE | Section cm ² | Jx cm ⁴ | Jy cm ⁴ | Wx cm ³ | Wy cm ³ | kg/m | | € |
|-----------|----------------------------|-----------------------|-----------------------|-----------------------|-----------------------|------|---------|--------|
| 157027000 | 0,84 | 0,34 | 0,92 | 0,32 | 0,68 | 0,55 | 6 barre | 180,99 |

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).

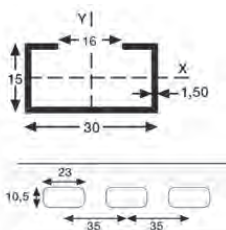
F1 - F2 - F3 - Q = [daN] 1 daN ≈ 1 kgf Portate calcolate considerando una freccia limite = L/200.

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.

| | 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 | |



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

A 50 50

| CODE | Section cm ² | Jx cm ⁴ | Jy cm ⁴ | Wx cm ³ | Wy cm ³ | kg/m | | € |
|-----------|----------------------------|-----------------------|-----------------------|-----------------------|-----------------------|------|---------|--------|
| 157030000 | 0,98 | 0,30 | 1,26 | 0,33 | 0,84 | 0,70 | 6 barre | 193,03 |

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).

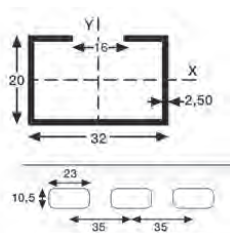
F1 - F2 - F3 - Q = [daN] 1 daN ≈ 1 kgf Portate calcolate considerando una freccia limite = L/200.

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 | |

**157-P4****A 50 50****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 cm ² | Jx cm ⁴ | Jy cm ⁴ | Wx cm ³ | Wy cm ³ | kg/m | | € |
|------------------|----------------------------|-----------------------|-----------------------|-----------------------|-----------------------|------|---------|---------------|
| 157032000 | 1,87 | 0,94 | 2,70 | 0,80 | 1,68 | 1,30 | 6 barre | 299,71 |

Asse di riferimento X-X

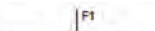


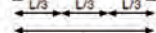
Il momento d'inerzia Jx-Jy ed i moduli di resistenza Wx-Wy sono calcolati in corrispondenza di una sezione omogenea (fori esclusi).

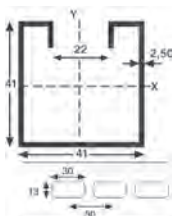
F1 - F2 - F3 - Q = [daN] 1 daN ≈ 1 kgf Portate calcolate considerando una freccia limite = L/200.

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.

| | | L (mm) | | | | |
|---|---|--------|------|------|------|--|
| | | 500 | 1000 | 1500 | 2000 | |
|  |  | | | | | |
|  |  | | | | | |
| F1 | F2 | | | | | |
| F3 | Q | | | | | |

**157-P6****A 50 50****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 cm ² | Jx cm ⁴ | Jy cm ⁴ | Wx cm ³ | Wy cm ³ | kg/m | | € |
|------------------|----------------------------|-----------------------|-----------------------|-----------------------|-----------------------|------|---------|---------------|
| 157041000 | 3,25 | 6,28 | 9,18 | 2,99 | 4,48 | 2,6 | 5 barre | 488,56 |

Asse di riferimento X-X

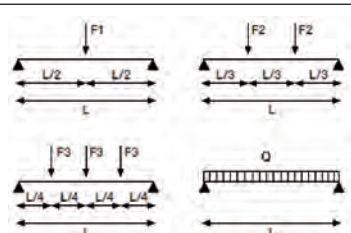
Il momento d'inerzia Jx-Jy ed i moduli di resistenza Wx-Wy sono calcolati in corrispondenza di una sezione omogenea (fori esclusi).

F1 - F2 - F3 - Q = [daN] 1 daN ≈ 1 kgf Portate calcolate considerando una freccia limite = L/200.

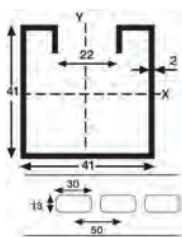
Reference axis X-X

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 |



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

A 50 50

| CODE | Section cm ² | Jx cm ⁴ | Jy cm ⁴ | Wx cm ³ | Wy cm ³ | kg/m | | € |
|-----------|----------------------------|-----------------------|-----------------------|-----------------------|-----------------------|------|---------|--------|
| 157041001 | 2,63 | 5,26 | 7,60 | 2,50 | 3,71 | 2,06 | 5 barre | 425,09 |

Asse di riferimento X-X

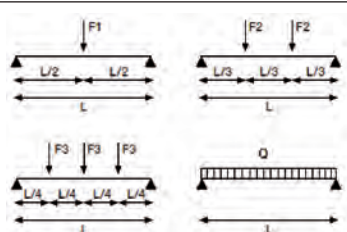
Il momento d'inerzia Jx-Jy ed i moduli di resistenza Wx-Wy sono calcolati in corrispondenza di una sezione omogenea (fori esclusi).

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 |



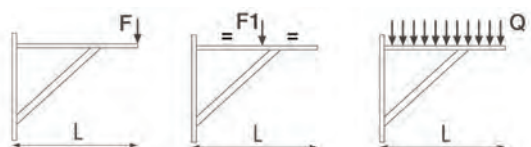
230 I

MENSOLA SALDATA A SQUADRA IN PROFILATO

- TRIANGULAR BRACKET
- UNTERSTÜTZUNG FERTIGKONSOLE
- CONSOLE AVEC RENFORCE
- SOPORTE 90° SILDADO

MATERIAL: AISI 304 - 1.4301

A 50 50



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 | 144,09 |
| 230545304 | 545 | 290 | 380 | 380 | 40 | 600 | 160 | 1500 | 2 | 165 | 196,49 |

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 correct wall anchorage. 1 daN ≈ 1 kgf

**231/32 I****A 50 50****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 | 20 | 68,65 |

Versione con tappo di testa montato.

Raccorderie Metalliche garantisce le portate di carico fatto salvo il corretto ancoraggio alla parete.

1 daN ≈ 1 Kg

Version with mounted head cap.



Raccorderie Metalliche guarantees the load only in the case of a correct wall anchorage.

1 daN ≈ 1 kgf

**231/40 I****A 50 50****MENSOLA SALDATA A PARETE
40X60X2**

- 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 | 180 | 80 | 6 | 75 | 150 | 150 | 2230 | 1 | 274,56 |

Versione con tappo di testa montato.

Raccorderie Metalliche garantisce le portate di carico fatto salvo il corretto ancoraggio alla parete.

1 daN ≈ 1 Kg

Version with mounted head cap.

Raccorderie Metalliche guarantees the load only in the case of a correct wall anchorage.

1 daN ≈ 1 kgf

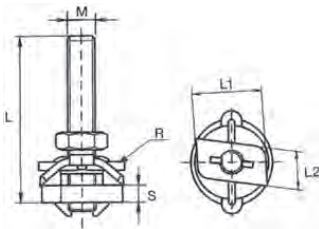
A 50 50

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 UNTERLEGSCHNEIBE 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 | | | | € |
|------------|------|---------|----------|----------|---------|--------------|----|-----|-----|-------|
| 214008040I | M 8 | 40 | 23 | 13,5 | 5 | ø 25 thk 2,5 | 34 | 10* | 100 | 11,66 |
| 214010040I | M 10 | 40 | 23 | 13,5 | 5 | ø 25 thk 2,5 | 48 | 10* | 100 | 15,44 |

(*) unità minima di vendita / minimum selling quantity

MATERIALE IN ACCIAIO INOSSIDABILE / Stainless steel material

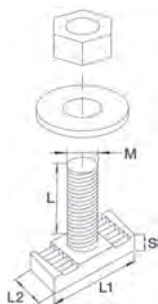
A 50 50

214 TMP INOX

BULLONE TESTA MARTELLO PER PROFILO

- HAMMER HEAD BOLT FOR FIXING RAIL
- T-BOLZEN FÜR PROFIL
- BOULON POUR PROFILE
- TORNILLO GUÍA

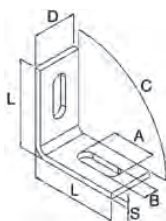
MATERIAL: AISI 304 - 1.4301



For fixing rails: 41/41



| CODE | Description | M | L mm | L1 mm | L2 mm | S mm | | | | € |
|------------|------------------------------------|------|---------|----------|----------|---------|----|-----|-----|------|
| 214008041I | con dado, rondella ø 10,5-40 sp. 3 | M 8 | 30 | 34 | 21 | 5 | 62 | 20* | 100 | 9,63 |
| 214010041I | with nut, washer ø 10,5-40 thk 3 | M 10 | 30 | 34 | 21 | 5 | 78 | 10* | 100 | 9,87 |

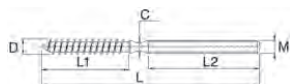
(*) unità minima di vendita / minimum selling quantity

**158/212****A 50 50****ANGOLARE PER PROFILO**

- CONNECTION PLATE
- MONTAGE-WINKEL
- EQUERRE
- ESCUADRA DE MONTAJE



MATERIAL: AISI 304 - 1.4301**For fixing rails: 27/18**

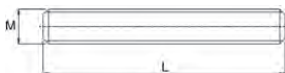
| CODE | L mm | S mm | A mm | B mm | degrees | D mm |  |  | € |
|-----------|---------|---------|---------|---------|---------|---------|---|---|-------|
| 158212045 | 50 | 5 | 25 | 10 | 135° | 25 | 78 | 100 | 16,37 |
| 158212090 | 54 | 5 | 25 | 10 | 90° | 25 | 78 | 100 | 16,37 |

**158/216****A 50 50****VITE FERROLEGNO**

- BOLT-WOOD SCREW
- HOLZSCHRAUBE
- VIS DOUBLE FILET
- TORNILLO DOBLE ROSCA



MATERIAL: AISI 304 - 1.4301

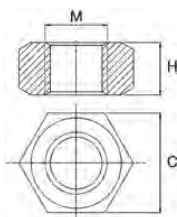
| CODE | M | L mm | L1 mm | L2 mm | C mm | D mm |  |  | € |
|-----------|------|---------|----------|----------|---------|---------|--|--|------|
| 158216008 | M 8 | 100 | 63 | 23 | 5 | 8 | 27 | 100 | 2,56 |
| 158216010 | M 10 | 120 | 60 | 45 | 7 | 10 | 54 | 100 | 3,80 |

**158/219****A 50 50****TRONCHETTO FILETTATO**

- THREADED ROD
- GEWINDESTANGE
- TIGE FILETÉE
- ESPÁRRAGO SEPARADOR



MATERIAL: AISI 304 - 1.4301

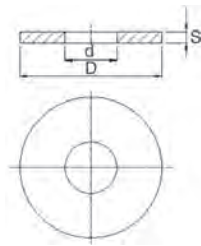
| CODE | M | L mm |  |  | € |
|-----------|------|---------|---|---|------|
| 158219008 | M 8 | 30 | 10 | 500 | 7,35 |
| 158219010 | M 10 | 30 | 14 | 400 | 9,76 |

**158/215****A 50 50****DADO ESAGONALE MEDIO**

- BACK NUT
- 6-KANT GEGENMUTTER
- ÉCROU HEXAGONAL
- TUERCA HEXAGONAL

MATERIAL: AISI 304 - 1.4301

| CODE | M | C mm | H mm |  |  | € |
|-----------|------|---------|---------|--|---|------|
| 158215008 | M 8 | 13 | 6,5 | 4 | 100 | 0,83 |
| 158215010 | M 10 | 17 | 8 | 10 | 100 | 1,00 |



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A 50 50

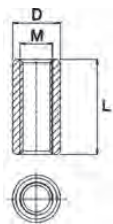
RONDELLA PIANA

- WASHER
- UNTERLEGSCHLEIBE
- RONDELLE
- ARANDELA PLANA

NORM: DIN 9021

MATERIAL: AISI 304 - 1.4301

| CODE | M | D mm | d mm | S mm |  |  | € |
|-----------|------|---------|---------|---------|---|---|------|
| 158218008 | M 8 | 24 | 8,4 | 2 | 4 | 100 | 4,53 |
| 158218010 | M 10 | 30 | 10,5 | 2,5 | 12 | 100 | 7,94 |





158/220

A 50 50

MANICOTTO DI CONGIUNZIONE

- STUD CONNECTOR
- EINSCHLAGANKER
- RACCORD DE JONCTION FF
- MANGUITO SEPARADOR

MATERIAL: AISI 304 - 1.4301

| CODE | M | D mm | L mm |  |  | € |
|-----------|------|---------|---------|---|---|------|
| 158220008 | M 8 | 11 | 30 | 12 | 100 | 5,90 |
| 158220010 | M 10 | 13 | 30 | 15 | 100 | 6,10 |





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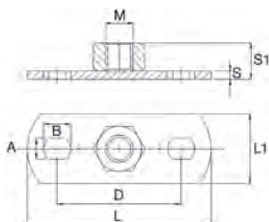
A 50 50

BARRA FILETTATA

- THREADED ROD
- GEWINDESTANGE
- TIGE FILETÉE
- VARILLA ROSCADA

MATERIAL: AISI 304 - 1.4301

| CODE | M | L mm |  |  | € |
|-----------|------|---------|---|---|-------|
| 158264008 | M 8 | 1000 | 312 | 50 | 26,97 |
| 158264010 | M 10 | 1000 | 494 | 25 | 42,43 |





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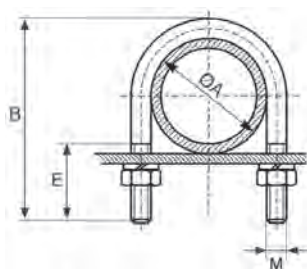
A 50 50

FLANGIA A MURO

- FIXING FLANGE
- WANDFLANSCH
- 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 |  |  | € |
|-----------|------|---------|----------|---------|----------|---------|-------------|---|---|------|
| 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 |





159

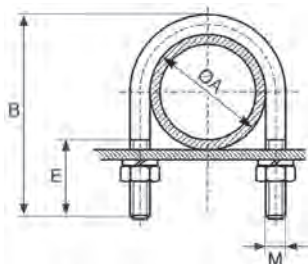
A 50 50

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 |  |  | € |
|------------|------------|------|---------|---------|---------|---|---|-------|
| 159308304 | 3/8" | M 6 | 18 | 50 | 35 | 25 | 100 | 4,26 |
| 159102304 | 1/2" | M 6 | 22 | 53 | 35 | 27 | 100 | 4,46 |
| 159304304 | 3/4" | M 6 | 28 | 59 | 35 | 31 | 100 | 4,90 |
| 159100304 | 1" | M 6 | 34 | 65 | 35 | 34 | 100 | 5,17 |
| 159114304 | 1 1/4" | M 6 | 43 | 74 | 35 | 39 | 100 | 5,37 |
| 159112304 | 1 1/2" | M 8 | 49 | 85 | 40 | 80 | 100 | 6,31 |
| 159200304 | 2" | M 8 | 61 | 99 | 40 | 94 | 50 | 10,55 |
| 159212304 | 2 1/2" | M 8 | 77 | 113 | 40 | 109 | 50 | 12,34 |
| 159300304 | 3" | M 8 | 90 | 126 | 40 | 122 | 50 | 13,74 |
| 159400304 | 4" | M 10 | 115 | 155 | 40 | 235 | 25 | 20,75 |
| 159500304 | 5" | M 10 | 144 | 184 | 40 | 281 | 25 | 26,29 |
| 159600304 | 6" | M 10 | 170 | 210 | 40 | 323 | 25 | 30,04 |
| 159800304 | 8" | M 10 | 221 | 259 | 40 | 401 | 25 | 36,66 |
| 1591000304 | 10" | M 10 | 275 | 313 | 40 | 487 | 25 | 42,28 |





159/M

A 50 50

CAVALLOTTO PER FISSAGGIO TUBI

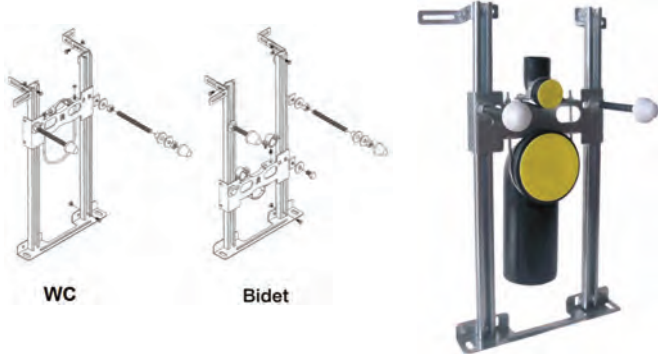
- U-BOLT CLAMP
- RUNDSTAHLBÜGEL
- ÉTRIER AVEC ECROUS
- ABARCON

MATERIAL: AISI 304 - 1.4301
NOTE: dado/back nut DIN 934
 rondella/washer "grover"

| CODE | D mm | M | A mm | B mm | E mm |  |  | € |
|------------|---------|------|---------|---------|---------|---|---|-------|
| 1590038304 | 38 | M 6 | 39 | 70 | 35 | 37 | 100 | 6,29 |
| 1590054304 | 54 | M 8 | 55 | 97 | 40 | 91 | 50 | 10,98 |
| 1590065304 | 65 | M 8 | 66 | 99 | 40 | 95 | 50 | 12,04 |
| 1590070304 | 70 | M 8 | 71 | 102 | 40 | 98 | 50 | 12,39 |
| 1590084304 | 84 | M 8 | 85 | 117 | 40 | 113 | 50 | 14,73 |
| 1590104304 | 104 | M 10 | 105 | 149 | 40 | 224 | 25 | 24,32 |
| 1590129304 | 129 | M 10 | 130 | 170 | 40 | 259 | 25 | 28,93 |
| 1590154304 | 154 | M 10 | 155 | 194 | 40 | 297 | 25 | 32,53 |
| 1590204304 | 204 | M 10 | 206 | 244 | 40 | 377 | 25 | 38,85 |
| 1590254304 | 254 | M 10 | 256 | 294 | 40 | 456 | 25 | 46,43 |
| 1590304304 | 304 | M 10 | 306 | 344 | 50 | 536 | 25 | 53,24 |
| 1590354304 | 354 | M 10 | 356 | 407 | 50 | 627 | 25 | 63,84 |

PRATI^{KO}® CLASSIC

Y 30 32



234/235

STAFFA PER VASO E BIDET SOSPESO

- SUPPORT FOR WC AND BIDET
- HALTERUNG FÜR WC UND BIDET
- SUPPORT DE FIXATION POUR WC ET BIDET
- SUSPENDU
- SOPORTE WC Y BIDÉ SUSPENDIDOS

| CODE | Support wheelbase |  |  |  | € |
|-----------|-------------------|---|---|---|-------|
| 234235000 | 180 - 230 mm | 3796 | 1 | 162 | 71,45 |

DIMENSIONE STRUTTURA: 265 mm base x 600 mm altezza.

STRUTTURA: montanti in profilo 32x20 sp. 2 mm da assemblare 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.

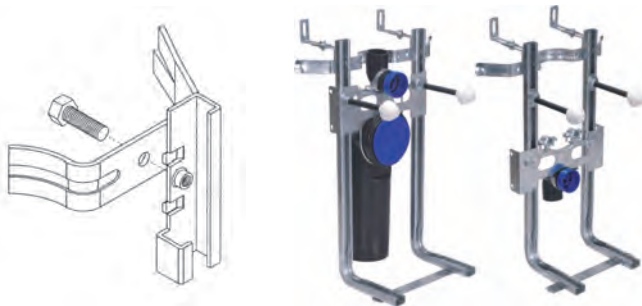
STRUCTURE: vertical rails 32x20 2 mm thk to be assembled on site, upper and lower brackets fixed with screw / plug.

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
- SUPPORT DE FIXATION UNIVERSEL POUR WC ET BIDET
- SUSPENDU
- SOPORTE UNIVERSAL WC Y BIDÉ SUSPENDIDOS

| CODE | Support wheelbase |  |  |  | € |
|-----------|-------------------|---|---|---|-------|
| 234235001 | 180 - 230 mm | 4362 | 1 | 160 | 73,30 |

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 assemblare 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).

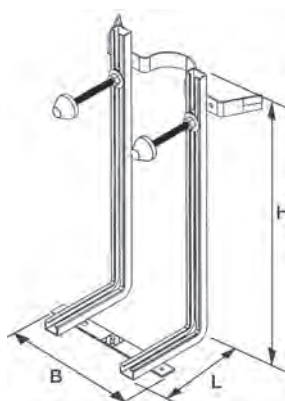
STRUCTURE SIZE: 265 mm width x 560 mm height, "foot" reinforcement L = 190 mm.

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).

PRATI[®]KO CLASSIC

237

Y 30 32

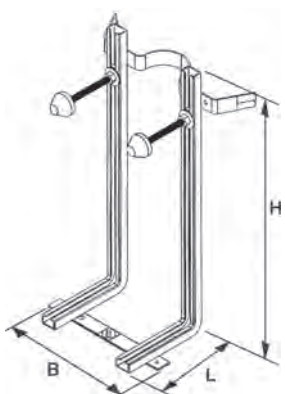
FISSAGGIO componibile per vaso e bidet

- 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 |  |  |  | € |
|-----------|---------|---------|---------|-------------------|--|---|---|-------|
| 237000000 | 190 | 265 | 560 | 180 - 230 mm | 2727 | 1 | 160 | 41,49 |

STRUTTURA: montanti in profilo 32x20 sp. 2 mm, sagomati a "L" da assieme 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).






236/180

Y 30 32

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 |  |  |  | € |
|-----------|---|---------|---------|---------|-------------------|---|---|---|-------|
| 236000180 | Staffa + kit art. 120236004K Support + kit art. 120236004K | 200 | 265 | 660 | 180 mm | 2312 | 1 | 50 | 45,12 |

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).




**120/236-237 KIT****Y 30 32****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 |  |  |  | € |
|-------------------|---|---|---|---|--------------|
| 120236004K | Kit viteria cappucci + vitoni + slitte in nylon per art. 237000000-236000180 Kit caps + screws + nylon slides for art. 237000000-236000180 | 470 | 1 | 25 | 16,78 |




PRATI[®]KO STAR**234/02****Y 30 31****STAFFA DI FISSAGGIO PER BIDET
SOSPESO**

- BRACKET FOR HANGING BIDET
- HALTERUNG FÜR BIDET
- SUPPORT DE FIXATION POUR BIDET SUSPENDU
- SOPORTE FIJADOR PARA BIDÉ SUSPENDIDO

| CODE | Support wheelbase |  |  |  | € |
|-----------|-------------------|---|---|---|-------|
| 234000002 | 180 - 230 mm | 3418 | 1 | 72 | 93,23 |

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).**235/02****Y 30 31****STAFFA DI FISSAGGIO PER VASO
SOSPESO**

- BRACKET FOR HANGING WATER
- UNIVERSALHALTERUNG FÜR WC
- SUPPORT DE FIXATION POUR WC SUSPENDU
- SOPORTE FIJADOR PARA WC SUSPENDIDO

| CODE | Support wheelbase |  |  |  | € |
|-----------|-------------------|---|---|---|-------|
| 235000002 | 180 - 230 mm | 2904 | 1 | 108 | 75,22 |

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).

PRATI[®]KO STAR**238/04****Y 30 31****STAFFA SLIM PER VASO SOSPESO E CASSETTA AD INCASSO**

- SUPPORT FRAME FOR WATER & FLUSHING CISTERN
- SLIMLINEVORWANDMONTAGE FÜR UNTERPUTZSPÜLKASTEN
- SUPPORT DE FIXATION POUR WC SUSPENDU AVEC CASSETTE
- SOPORTE FIJADOR WC SUSPENDIDO EMPOTRADO CON TANQUE

| CODE | Support wheelbase |  |  |  | € |
|-----------|-------------------|---|---|---|--------|
| 238000004 | 180 - 230 mm | 4750 | 1 | 27 | 189,63 |

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).

PRATI[®]KO 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
- SUPPORT DE FIXATION POUR LAVE-MAINS ET BIDET SUSPENDU
- SOPORTE FIJADOR PARA LAVABO Y BIDÉ SUSPENDIDO



| CODE | Support wheelbase |  |  | € |
|-----------|--------------------------|---|--|-------|
| 234239002 | 130 - 180 - 230 - 280 mm | 2946 | 1 | 90,21 |

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.

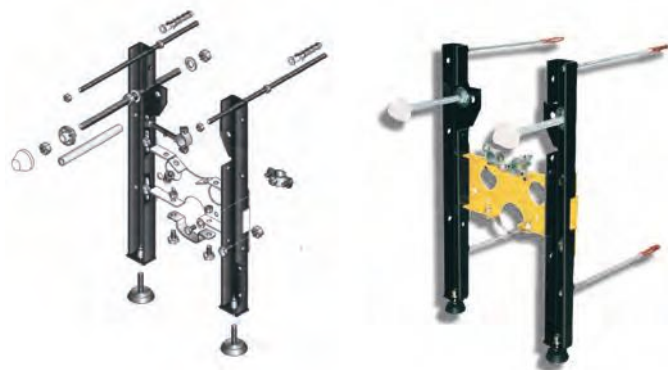
STRUCTURE: posts (thk 1,2 mm) and transoms (thk 1,5 / 3 mm) bent sheet metal and tubular, stuck and riveted. **FINISHING:** brackets pre-assembled and painted with polyester powder paint

ACCESSORIES: collars for hot / cold water, drain mounting attacks in vulcanized rubber version

MAXIMUM LOAD: 400 kg (UNI EN 14528).

PRATI^{KO} TOP

Y 30 31



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STAFFA DI FISSAGGIO PER BIDET
SOSPESO

- BRACKET FOR HANGING BIDET
- HALTERUNG FÜR HAENGENDE BIDET
- SUPPORT DE FIXATION POUR BIDET SUSPENDU
- SOPORTE FIJADOR PARA BIDÉ SUSPENDIDO

| CODE | Support wheelbase | | | | € |
|-----------|-------------------|------|---|-----|--------|
| 234000000 | 180 - 230 mm | 3300 | 1 | 100 | 100,10 |

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 | | | | € |
|------------|---|-----|---|-----|------|
| 120234235K | Kit fissaggio staffa / Kit fixing bracket | 264 | 1 | 50 | 7,78 |
| 120234000K | Kit fissaggio bidet / Kit fixing bidet | 186 | 1 | 100 | 5,84 |

| CODICE / CODE 120234235K | KIT FISSAGGIO STAFFA KIT BRACKET INSTALLATION | N° | |
|--------------------------|--|----|-----|
| | 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° | |
| | 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 1/2" con viti Collar Ø 1/2" with screw | 2 | |

PRATI[®]KO TOP

Y 30 31



235

STAFFA DI FISSAGGIO PER VASO SOSPESO

- BRACKET FOR HANGING WATER
- HALTERUNG FÜR HAENGENDE WC
- SUPPORT DE FIXATION POUR WC SUSPENDU
- SOPORTE FIJADOR PARA WC SUSPENDIDO

| CODE | Support wheelbase | | | | € |
|-----------|-------------------|------|---|-----|--------|
| 235000000 | 180 - 230 mm | 2800 | 1 | 100 | 100,10 |

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.

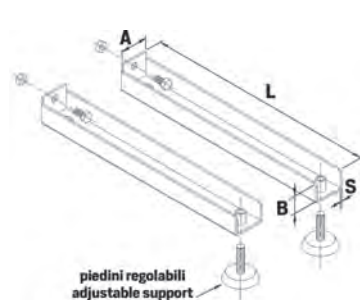
OPTIONAL: reinforcing brackets to be used in cases where the wall does not ensure sufficient solidity [art. 234235002].

Kit per art. 235 - Kit for art. 235



Y 30 31

| CODE | Description | | | | € |
|------------|---|-----|---|----|------|
| 120234235K | Kit fissaggio staffa / Kit fixing bracket | 264 | 1 | 50 | 7,78 |
| 120235000K | Kit fissaggio vaso / Kit fixing WC | 112 | 1 | 70 | 4,39 |

| CODICE / CODE | KIT FISSAGGIO STAFFA KIT BRACKET INSTALLATION | N° | |
|---------------|--|----|-----|
| | 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 | N° | |
| | Dado / Back nut M6 | 4 | 112 |
| | Cavallotto / U-bolt M6 | 1 | |
| | Semi collare / Half collar Ø 8 mm | 1 | |
| | Vite /Screw M6x20 | 2 | |

PRATI[®]KO TOP**235/R****Y 30 31****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 |  |  | € |
|------------------|---------|---------|---------|---------|---------------------------|---|---|--------------|
| 234235002 | 350 | 48 | 30 | 3 | M 10 x 120 | 1834 | 1 coppia | 77,84 |

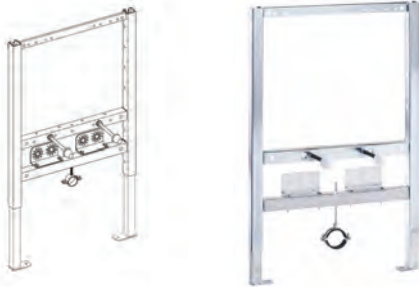
Coppia di staffe complete di piedini regolabili e bulloni M8x16.
Couple of brackets complete with adjustable feet and bolts M8x16.

**239/R****Y 30 31****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 |  |  | € |
|------------------|---|---|-------------|
| 239120100 | 42 | 20 | 7,25 |




PRATI[®]KART

234/05

Y 30 31

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 |  |  |  | € |
|-----------|-------------------|---|---|---|--------|
| 234000005 | 180 - 230 mm | 8300 | 1 | 40 | 197,76 |

DIMENSIONE STRUTTURA: 580 mm base x 770 mm altezza. **FINITURA:** struttura in acciaio completamente zincata.

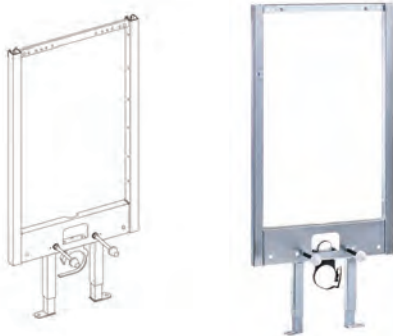
PIEDINI: altezza regolabile 430 mm ca. **CARICO MASSIMO:** 400 kg (UNI EN 14528).

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






235/05

Y 30 31

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 |  |  |  | € |
|-----------|-------------------|---|---|---|--------|
| 235000005 | 180 - 230 mm | 9500 | 1 | 30 | 221,75 |

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.

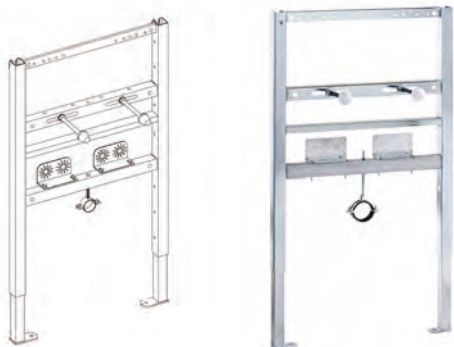
PRATI^{KO} KART

Y 30 31

239/05

SUPPORTO AUTOPORTANTE LAVABO SOSPESO PER PARETI IN CARTONGESSO

- WASHBASIN SELF-SUPPORT FOR PLASTERBOARD WALLS
- WASCHTISCHMODUL FÜR TROCKENBAUWAND
- SUPPORT DE FIXATION POUR LAVE-MAINS SUSPENDU SUR PAROI EN PLACOPLATRE
- SOPORTE EMPOTRADO AUTOPORTANTE PARA LAVABO



| CODE | Support wheelbase |  |  |  | € |
|-----------|-------------------|---|---|---|--------|
| 239000005 | 120 - 330 mm | 8900 | 1 | 30 | 209,74 |

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

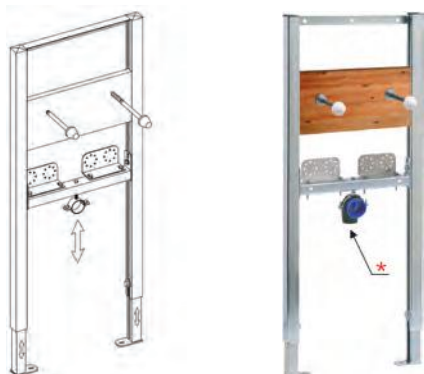
STRUCTURE SIZE: 580 mm width x 980 mm height. **FINISHING:** steel structure completely galvanized. **FOOTHOLD:** adjustable height 430 mm ca. **MAXIMUM LOAD:** 150 kg (UNI EN 14688).
Outlet elbow is excluded from the package



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
- SUPPORT DE FIXATION POUR URINOIR/LAVABO SUSPENDU SUR PAROI EN PLACOPLATRE
- SOPORTE EMPOTRADO AUTOPORTANTE PARA URINARIO/ VERTEDERO



| CODE | Description | Support wheelbase |  |  | € |
|-----------|----------------------------|----------------------|---|---|--------|
| 235001005 | orinatoio sospeso / urinal | variabile / variable | 9800 | 1 | 287,67 |
| 235002005 | vuotatoio sospeso / sink | 235 mm | 8900 | 1 | 221,75 |

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

**253/O****Y 30 33****VITE DI FISSAGGIO IN OTTONE PER VASI + BIDET**

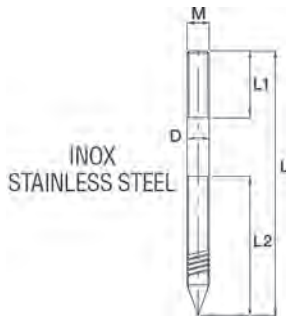
- FIXING BRASS SCREWS FOR WC AND BIDET
- WC - U. BIDET BEFESTIGUNGS MESSINGSCHRAUBE
- VIS DE FIXATION EN LAITON POUR CUVETTE WC BIDET
- TORNILLOS DE FIJACIÓN EN LATON PARA WC Y BIDET

| CODE | M | L mm | L1 mm | L2 mm | D mm | Plug | | | | € |
|------------------|-----|---------|----------|----------|---------|----------------|----|-------|---------|-------------|
| 253600800 | M 6 | 80 | 18 | 40 | 5 | ø 10 x 50 (**) | 75 | 1 kit | 50 kit* | 8,10 |

(*) 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

**253/I****Y 30 33****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 | | | | € |
|------------------|-----|---------|----------|----------|---------|----------------|-----|-------|---------|-------------|
| 253600801 | M 6 | 80 | 18 | 40 | 5 | ø 10 x 50 (**) | 106 | 1 kit | 50 kit* | 6,34 |

(*) 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

**253/T****Y 30 33****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 | | | | € |
|------------------|---|---------|----------|----------|---------|----------------|----|-------|---------|-------------|
| 253600802 | 6 | 80 | 18 | 40 | 5 | ø 10 x 50 (**) | 75 | 1 kit | 50 kit* | 5,56 |

(*) 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

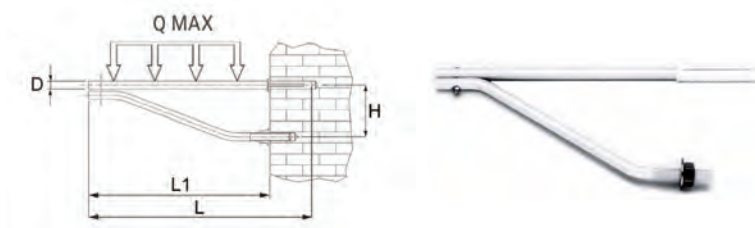
Y 30 33

254

COPPIA DI MENSOLE PLASTIFICATE BIANCHE PER LAVABO

- WHITE PLASTIC-COATED BRACKETS FOR WASH BASIN
- WEISSE KUNSTSTOFFBESCHICHTETE KONSOLEN FÜR WASCHBECKEN
- CONSOLES PLASTIFIÉES BLANCHES POUR LAVABO
- MENSULAS PLASTIFICADAS BIANCAS PARA LAVAMANO

NOTE: Mensole regolabili zincate e verniciate
Adjustable bracket galvanized and painted



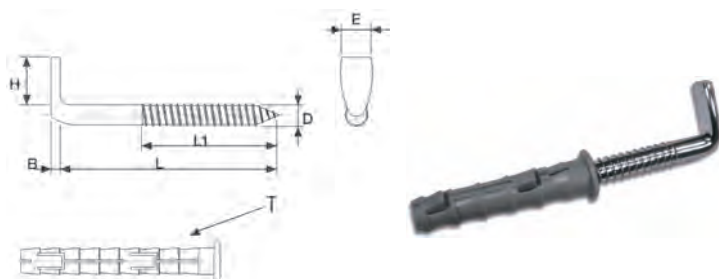
| CODE | L mm | L1 mm | D mm | H mm | Plug | Q MAX (capacity) kg | | | € |
|-----------|---------|----------|---------|---------|-----------|---------------------------|------|----|-------|
| 254340000 | 345 | 250 | 12 | 100 | ø 15 x 90 | 90 | 1233 | 15 | 42,02 |
| 254460000 | 465 | 370 | 12 | 160 | ø 15 x 90 | 80 | 1690 | 15 | 44,03 |

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 | | | | € |
|-----------|---------|----------|---------|---------|---------|---------|-------------------------|-----|-------|----------|------|
| 265800700 | 64 | 40 | 3 | 8 | 11 | 18 | ø 10 x 70 art.252100700 | 60 | 1 kit | 100 kit* | 1,78 |
| 265100800 | 74 | 58 | 4 | 10 | 14 | 22 | ø 14 x 70 art.252140700 | 92 | 1 kit | 50 kit* | 2,08 |
| 265100100 | 94 | 58 | 4 | 10 | 14 | 22 | ø 14 x 70 art.252140700 | 112 | 1 kit | 50 kit* | 2,35 |

(*) 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

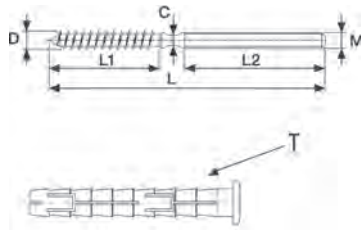


| CODE | M | L mm | L1 mm | L2 mm | C mm | D mm | T mm | White plastic ring mm | | | | € |
|-----------|------|---------|----------|----------|---------|---------|--------------------------|--------------------------|-----|-------|---------|------|
| 266800900 | M 8 | 100 | 65 | 23 | 5 | 8 | ø 10 x 60 art. 252100600 | øe=39 mm L= 17 mm | 79 | 1 kit | 50 kit* | 2,01 |
| 266100120 | M 10 | 120 | 60 | 45 | 7 | 10 | ø 14 x 75 art. 252140750 | øe=39 mm L= 17 mm | 152 | 1 kit | 40 kit* | 2,54 |
| 266100140 | M 10 | 140 | 60 | 45 | 7 | 10 | ø 14 x 75 art. 252140750 | øe=39 mm L= 17 mm | 16 | 1 kit | 40 kit* | 4,32 |
| 266100180 | M 10 | 180 | 60 | 75 | 7 | 10 | ø 14 x 75 art. 252140750 | øe=39 mm L= 17 mm | 208 | 1 kit | 20 kit* | 5,92 |
| 266100250 | M 10 | 220 | 60 | 45 | 7 | 10 | ø 14 x 75 art. 252140750 | øe=39 mm L= 17 mm | 245 | 1 kit | 20 kit* | 8,49 |




(*) unità minima di vendita / minimum selling quantity

Kit: 2 viti, 2 dadi, 2 tasselli, 2 ghiera bianche in plastica sagomate.

Kit: 2 screws, 2 nuts, 2 plugs, 2 white rings in shaped plastic.

**267****Y 30 33****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 |  |  |  | € |
|------------------|-----|---------|----------|----------|---------|---------|-----------------------------|-------------------------------|---|---|---|-------------|
| 267100120 | M10 | 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* | 3,69 |
| 267100140 | M10 | 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* | 4,69 |




(*) unità minima di vendita / minimum selling quantity

Kit: 2 viti, 2 tasselli, 2 ghiera 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.

**269/N****Y 30 33****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 |  |  |  | € |
|------------------|-----------|----------|---|---|---|-------------|
| 269500500 | Ø 10 x 50 | Ø 7 x 60 | 90 | 1 kit | 40 | 8,42 |