



Raccordi a saldare e filettati in acciaio al carbonio

CARBON STEEL WELDING AND THREADED FITTINGS

SCHWEISS-UND GEWINDEFITTTINGE AUS STAHL

RACCORDS EN ACIER FILETÉS ET À SOUDER

RACORES A SOLDAR Y ROSCAR EN ACERO AL CARBONO

Certificazioni / Certifications



QUALITY ASSURANCE SYSTEM IN ACCORDANCE WITH PRESSURE EQUIPMENT DIRECTIVE 2014/68/EU

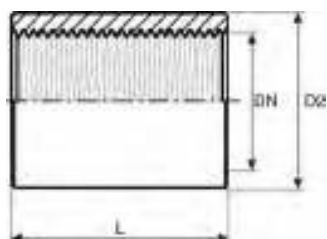
DGR-0036-QS-W
192/2003/MUC-002



RACCORDERIE METALLICHE S.P.A. ÁLTAL GYÁRTOTT ACÉL HEGESZTHETŐ IDOMOK, CSÓÍVEK, MENETES VÉGEK

A-43/2017

R 10 11



268/Z

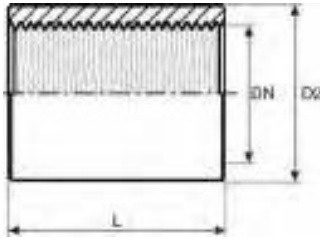
MANICOTTO ZINCATO

- GALVANIZED SOCKET
- MUFFE G. L. VERZINKT
- MANCHON GALVANISÉ
- MANGUITO GALVANIZADO

TYPE: International Nr. 16
MATERIAL: P235TR1 - S235 (R.St.37.0)
NORM: UNI / DIN EN 10241 [ex DIN 29886]
THREAD: EN 10226-1 [ex ISO 7/1]

| CODE | DN | DN inch | D2 mm | L min mm | | | | € |
|-----------|-----|------------|----------|-------------|------|-----|-------|--------|
| 268108001 | 6 | 1/8" | 14 | 17 | 12 | 200 | - | 1,66 |
| 268104001 | 8 | 1/4" | 18,5 | 25 | 23 | 200 | - | 1,47 |
| 268308001 | 10 | 3/8" | 21,3 | 26 | 33 | 150 | - | 1,47 |
| 268102001 | 15 | 1/2" | 26,4 | 34 | 63 | 150 | 14400 | 1,66 |
| 268304001 | 20 | 3/4" | 31,8 | 36 | 80 | 150 | 8400 | 2,16 |
| 268100001 | 25 | 1" | 39,5 | 43 | 142 | 100 | 5600 | 3,22 |
| 268114001 | 32 | 1 1/4" | 48,3 | 48 | 189 | 50 | 2800 | 5,07 |
| 268112001 | 40 | 1 1/2" | 54,5 | 48 | 220 | 40 | 2240 | 6,26 |
| 268200001 | 50 | 2" | 66,3 | 56 | 320 | 25 | 1400 | 8,62 |
| 268212001 | 65 | 2 1/2" | 82 | 65 | 530 | 6 | - | 13,52 |
| 268300001 | 80 | 3" | 95 | 71 | 680 | 6 | - | 19,12 |
| 268400001 | 100 | 4" | 122 | 83 | 1100 | 6 | - | 37,37 |
| 268500001 | 125 | 5" | 147 | 92 | 1531 | 4 | - | 92,86 |
| 268600001 | 150 | 6" | 174 | 92 | 2212 | 2 | - | 170,42 |

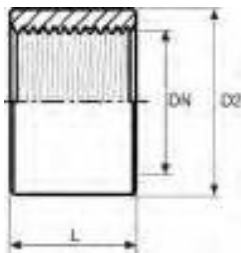
R 10 11

**268/N****MANICOTTO NERO**

- BLACK SOCKET
- MUFFE G. L. SCHWARZ
- MANCHON NOIR
- MANGUITO NEGRO

TYPE: International Nr. 16
MATERIAL: P235TR1 - S235 (R.St.37.0)
NORM: UNI / DIN EN 10241 (ex DIN 2986)
THREAD: EN 10226-1 (ex ISO 7/1)

| CODE | DN | DN inch | D2 mm | L min mm | | | | € |
|-----------|-----|------------|----------|-------------|------|-----|-------|--------|
| 268108000 | 6 | 1/8" | 14 | 17 | 12 | 200 | - | 1,56 |
| 268104000 | 8 | 1/4" | 18,5 | 25 | 23 | 200 | - | 1,30 |
| 268308000 | 10 | 3/8" | 21,3 | 26 | 33 | 150 | - | 1,35 |
| 268102000 | 15 | 1/2" | 26,4 | 34 | 63 | 150 | 14400 | 1,39 |
| 268304000 | 20 | 3/4" | 31,8 | 36 | 80 | 150 | 8400 | 1,82 |
| 268100000 | 25 | 1" | 39,5 | 43 | 142 | 100 | 5600 | 2,74 |
| 268114000 | 32 | 1 1/4" | 48,3 | 48 | 189 | 50 | 2800 | 4,23 |
| 268112000 | 40 | 1 1/2" | 54,5 | 48 | 220 | 40 | 2240 | 5,24 |
| 268200000 | 50 | 2" | 66,3 | 56 | 320 | 25 | 1400 | 7,13 |
| 268212000 | 65 | 2 1/2" | 82 | 65 | 530 | 6 | - | 11,31 |
| 268300000 | 80 | 3" | 95 | 71 | 680 | 6 | - | 15,97 |
| 268400000 | 100 | 4" | 122 | 83 | 1100 | 6 | - | 30,92 |
| 268500000 | 125 | 5" | 147 | 92 | 1531 | 4 | - | 76,76 |
| 268600000 | 150 | 6" | 174 | 92 | 2212 | 2 | - | 140,71 |

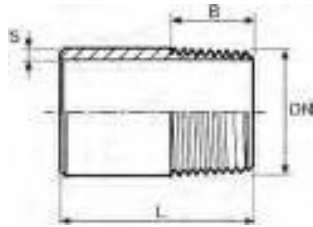
**268/M****MEZZO MANICOTTO NERO**

- BLACK HALF SOCKET
- MUFFE H. L. SCHWARZ
- DEMI MANCHON NOIR
- MEDIO MANGUITO NEGRO

MATERIAL: P235TR1 - S235 (R.St.37.0)
NORM: UNI / DIN EN 10241 (ex DIN 2986)
THREAD: EN 10226-1 (ex ISO 7/1)

R 10 11

| CODE | DN | DN inch | D2 mm | L min mm | | | € |
|-----------|-----|------------|----------|-------------|-----|-----|-------|
| 268104102 | 8 | 1/4" | 18,5 | 11 | 10 | 500 | 1,17 |
| 268308102 | 10 | 3/8" | 21,3 | 12 | 16 | 500 | 1,22 |
| 268102120 | 15 | 1/2" | 26,4 | 15 | 28 | 300 | 1,29 |
| 268304102 | 20 | 3/4" | 31,8 | 17 | 36 | 150 | 1,75 |
| 268100102 | 25 | 1" | 39,5 | 19,5 | 64 | 100 | 2,51 |
| 268114102 | 32 | 1 1/4" | 48,3 | 22 | 90 | 50 | 3,51 |
| 268112102 | 40 | 1 1/2" | 54,5 | 22 | 104 | 40 | 4,38 |
| 268200102 | 50 | 2" | 66,3 | 26 | 150 | 20 | 6,06 |
| 268212102 | 65 | 2 1/2" | 82 | 30,5 | 245 | 12 | 9,53 |
| 268300102 | 80 | 3" | 95 | 34 | 320 | 12 | 13,57 |
| 268400102 | 100 | 4" | 122 | 40 | 540 | 12 | 26,29 |



600

TRONCHETTO NERO

- BLACK WELDING NIPPLE
- ANSCHWEISSENDE SCHWARZ
- DEMI MAMELON NOIR
- CARRETE NEGRO ROSCADO

MATERIAL: P235TR1 - S235 (R.St.37.0)

NORM: UNI / DIN EN 10241 [ex DIN 2982]

THREAD: EN 10226-1 (ex ISO 7/1)

| CODE | DN | DN inch | DN mm | L mm | B mm | S mm | | | € | |
|-----------|-----|------------|----------|---------|---------|---------|------|-----|--------|------|
| 600308100 | 10 | 3/8" | 17 | 100 | 11 | 2 | 76 | 30 | 2,33 | |
| 600102100 | 15 | 1/2" | 21,2 | | 14 | 2,3 | 100 | 30 | 2,46 | |
| 600304100 | 20 | 3/4" | 26,9 | | 16 | 2,3 | 135 | 30 | 2,88 | |
| 600100100 | 25 | 1" | 33,7 | | 18 | 2,9 | 210 | 20 | 3,97 | |
| 600114100 | 32 | 1 1/4" | 42,4 | | 20 | 2,9 | 260 | 16 | 5,25 | |
| 600112100 | 40 | 1 1/2" | 48,3 | | 22 | 2,9 | 310 | 16 | 6,10 | |
| 600200100 | 50 | 2" | 60,3 | | 24 | 3,2 | 410 | 12 | 7,46 | |
| 600212100 | 65 | 2 1/2" | 76,1 | | 25 | 3,6 | 530 | 10 | 15,48 | |
| 600300100 | 80 | 3" | 88,9 | | 30 | 3,6 | 670 | 6 | 17,83 | |
| 600400100 | 100 | 4" | 114,3 | | 35 | 4,2 | 960 | 6 | 29,86 | |
| 600500100 | 125 | 5" | 139,7 | | 40 | 5 | 1475 | 4 | 86,17 | |
| 600600100 | 150 | 6" | 168,3 | | 40 | 6,5 | 1790 | 4 | 104,65 | |
| 600308150 | 10 | 3/8" | 17 | | 150 | 11 | 2 | 100 | 15 | 3,45 |
| 600102150 | 15 | 1/2" | 21,2 | | | 14 | 2,3 | 160 | 15 | 3,72 |
| 600304150 | 20 | 3/4" | 26,9 | | | 16 | 2,3 | 202 | 15 | 4,25 |
| 600100150 | 25 | 1" | 33,7 | | | 18 | 2,9 | 310 | 10 | 6,09 |
| 600114150 | 32 | 1 1/4" | 42,4 | 20 | | 2,9 | 400 | 8 | 7,67 | |
| 600112150 | 40 | 1 1/2" | 48,3 | 22 | | 2,9 | 430 | 8 | 8,90 | |
| 600200150 | 50 | 2" | 60,3 | 24 | | 3,2 | 640 | 6 | 11,26 | |
| 600212150 | 65 | 2 1/2" | 76,1 | 25 | | 3,6 | 840 | 5 | 18,61 | |
| 600300150 | 80 | 3" | 88,9 | 30 | | 3,6 | 1010 | 4 | 22,81 | |
| 600400150 | 100 | 4" | 114,3 | 35 | | 4,2 | 1640 | 6 | 38,71 | |
| 600500150 | 125 | 5" | 139,7 | 40 | | 5 | 2420 | 4 | 99,89 | |
| 600600150 | 150 | 6" | 168,3 | 40 | | 6,5 | 3050 | 4 | 119,68 | |
| 600308200 | 10 | 3/8" | 17 | 200 | | 11 | 2 | 150 | 15 | 4,42 |
| 600102200 | 15 | 1/2" | 21,2 | | | 14 | 2,3 | 230 | 15 | 4,52 |
| 600304200 | 20 | 3/4" | 26,9 | | | 16 | 2,3 | 270 | 15 | 5,34 |
| 600100200 | 25 | 1" | 33,7 | | | 18 | 2,9 | 430 | 10 | 6,94 |
| 600114200 | 32 | 1 1/4" | 42,4 | | 20 | 2,9 | 530 | 8 | 9,06 | |
| 600112200 | 40 | 1 1/2" | 48,3 | | 22 | 2,9 | 600 | 8 | 11,00 | |
| 600200200 | 50 | 2" | 60,3 | | 24 | 3,2 | 870 | 6 | 13,80 | |
| 600212200 | 65 | 2 1/2" | 76,1 | | 25 | 3,6 | 1180 | 5 | 23,08 | |
| 600300200 | 80 | 3" | 88,9 | | 30 | 3,6 | 1400 | 4 | 28,37 | |
| 600400200 | 100 | 4" | 114,3 | | 35 | 4,2 | 2180 | 6 | 46,05 | |
| 600500200 | 125 | 5" | 139,7 | | 40 | 5 | 3130 | 4 | 114,72 | |
| 600600200 | 150 | 6" | 168,3 | | 40 | 6,5 | 4840 | 2 | 135,84 | |

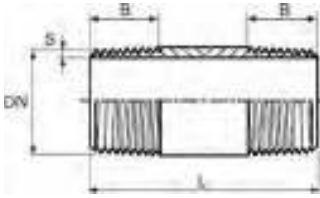
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530/N

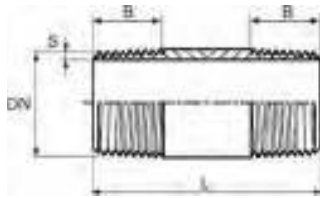
VITE DI ALLUNGAMENTO
BARILOTTO NERO

- BLACK BARREL NIPPLE
- ROHRDOPPELNIPPEL SCHWARZ
- MAMELON NOIR
- CARRETE DE PROLONGACIÓN NEGRO

TYPE: International Nr. 23
MATERIAL: P235TR1 - S235 (R.St.37.0)
NORM: UNI / DIN EN 10241 (ex DIN 2982)
THREAD: EN 10226-1 (ex ISO 7/1)



| CODE | DN | DN inch | DN mm | L mm | B mm | S mm | | | € |
|-----------|-----|------------|----------|---------|---------|---------|------|------|-------|
| 530308040 | 10 | 3/8" | 17 | 40 | 11 | 2 | 35 | 10 | 3,40 |
| 530102040 | 15 | 1/2" | 21,2 | | 14 | 2,3 | 50 | 10 | 2,09 |
| 530304040 | 20 | 3/4" | 26,9 | | 16 | 2,3 | 63 | 10 | 2,13 |
| 530100040 | 25 | 1" | 33,7 | | 18 | 2,9 | 91 | 20 | 2,89 |
| 530114040 | 32 | 1 1/4 | 42,4 | | 20 | 2,9 | 128 | 20 | 4,11 |
| 530112040 | 40 | 1 1/2 | 48,3 | | 22 | 2,9 | 147 | 20 | 5,01 |
| 530308050 | 10 | 3/8" | 17 | 50 | 11 | 2 | 47 | 10 | 3,65 |
| 530102050 | 15 | 1/2" | 21,2 | | 14 | 2,3 | 61 | 10 | 2,11 |
| 530304050 | 20 | 3/4" | 26,9 | | 16 | 2,3 | 73 | 10 | 2,10 |
| 530100050 | 25 | 1" | 33,7 | | 18 | 2,9 | 112 | 20 | 2,91 |
| 530114050 | 32 | 1 1/4 | 42,4 | | 20 | 2,9 | 146 | 20 | 4,03 |
| 530112050 | 40 | 1 1/2 | 48,3 | | 22 | 2,9 | 162 | 20 | 4,45 |
| 530308060 | 10 | 3/8" | 17 | 60 | 11 | 2 | 55 | 10 | 3,13 |
| 530102060 | 15 | 1/2" | 21,2 | | 14 | 2,3 | 72 | 10 | 2,24 |
| 530304060 | 20 | 3/4" | 26,9 | | 16 | 2,3 | 92 | 10 | 2,35 |
| 530100060 | 25 | 1" | 33,7 | | 18 | 2,9 | 132 | 20 | 3,26 |
| 530114060 | 32 | 1 1/4 | 42,4 | | 20 | 2,9 | 185 | 20 | 4,47 |
| 530112060 | 40 | 1 1/2 | 48,3 | | 22 | 2,9 | 212 | 20 | 5,01 |
| 530200060 | 50 | 2" | 60,3 | 70 | 24 | 3,2 | 296 | 20 | 6,90 |
| 530102070 | 15 | 1/2" | 21,2 | | 14 | 3 | 82 | 30 | 2,50 |
| 530304070 | 20 | 3/4" | 26,9 | | 16 | 2,3 | 106 | 30 | 2,78 |
| 530100070 | 25 | 1" | 33,7 | | 18 | 2,9 | 152 | 20 | 3,83 |
| 530308080 | 10 | 3/8" | 17 | | 11 | 2 | 72 | 10 | 3,13 |
| 530102080 | 15 | 1/2" | 21,2 | | 14 | 2,3 | 93 | 30 | 2,36 |
| 530304080 | 20 | 3/4" | 26,9 | 16 | 2,3 | 120 | 30 | 2,68 | |
| 530100080 | 25 | 1" | 33,7 | 18 | 2,9 | 172 | 20 | 3,34 | |
| 530114080 | 32 | 1 1/4 | 42,4 | 80 | 20 | 2,9 | 241 | 16 | 4,54 |
| 530112080 | 40 | 1 1/2 | 48,3 | | 22 | 2,9 | 277 | 16 | 5,42 |
| 530200080 | 50 | 2" | 60,3 | | 24 | 3,2 | 388 | 12 | 8,34 |
| 530212080 | 65 | 2 1/2 | 76,1 | | 25 | 3,6 | 553 | 10 | 16,17 |
| 530300080 | 80 | 3" | 88,9 | | 30 | 3,6 | 650 | 6 | 18,22 |
| 530400080 | 100 | 4" | 114,3 | | 35 | 4,2 | 1028 | 6 | 32,30 |



530/N

VITE DI ALLUNGAMENTO
BARILOTTO NERO

- BLACK BARREL NIPPLE
- ROHRDOPPELNIPPEL SCHWARZ
- MAMELON NOIR
- CARRETE DE PROLONGACIÓN NEGRO

TYPE: International Nr. 23
MATERIAL: P235TR1 - S235 (R.St.37.0)
NORM: UNI / DIN EN 10241 (ex DIN 2982)
THREAD: EN 10226-1 (ex ISO 7/1)

| CODE | DN | DN inch | DN mm | L mm | B mm | S mm | | | € |
|-----------|-----|------------|----------|---------|---------|---------|------|----|-------|
| 530308100 | 10 | 3/8" | 17 | 100 | 11 | 2 | 89 | 30 | 3,26 |
| 530102100 | 15 | 1/2" | 21,2 | | 14 | 2,3 | 116 | 30 | 2,37 |
| 530304100 | 20 | 3/4" | 26,9 | | 16 | 2,3 | 148 | 30 | 2,73 |
| 530100100 | 25 | 1" | 33,7 | | 18 | 2,9 | 213 | 20 | 3,55 |
| 530114100 | 32 | 1 1/4" | 42,4 | | 20 | 2,9 | 298 | 16 | 5,08 |
| 530112100 | 40 | 1 1/2" | 48,3 | | 22 | 2,9 | 342 | 16 | 5,99 |
| 530200100 | 50 | 2" | 60,3 | | 24 | 3,2 | 479 | 12 | 8,54 |
| 530212100 | 65 | 2 1/2" | 76,1 | | 25 | 3,6 | 684 | 10 | 16,52 |
| 530300100 | 80 | 3" | 88,9 | | 30 | 3,6 | 803 | 6 | 18,83 |
| 530400100 | 100 | 4" | 114,3 | | 35 | 4,2 | 1271 | 6 | 34,20 |
| 530308120 | 10 | 3/8" | 17 | 120 | 11 | 2 | 106 | 15 | 3,85 |
| 530102120 | 15 | 1/2" | 21,2 | | 14 | 2,3 | 138 | 15 | 2,67 |
| 530304120 | 20 | 3/4" | 26,9 | | 16 | 2,3 | 176 | 15 | 3,37 |
| 530100120 | 25 | 1" | 33,7 | | 18 | 2,9 | 254 | 10 | 4,40 |
| 530114120 | 32 | 1 1/4" | 42,4 | | 20 | 2,9 | 355 | 8 | 6,06 |
| 530112120 | 40 | 1 1/2" | 48,3 | | 22 | 2,9 | 408 | 8 | 7,55 |
| 530200120 | 50 | 2" | 60,3 | | 24 | 3,2 | 570 | 6 | 10,12 |
| 530212120 | 65 | 2 1/2" | 76,1 | | 25 | 3,6 | 814 | 5 | 18,84 |
| 530300120 | 80 | 3" | 88,9 | | 30 | 3,6 | 918 | 4 | 23,75 |
| 530400120 | 100 | 4" | 114,3 | | 35 | 4,2 | 1513 | 6 | 41,98 |
| 530102140 | 15 | 1/2" | 21,2 | 140 | 14 | 2,3 | 160 | 15 | 3,22 |
| 530304140 | 20 | 3/4" | 26,9 | | 16 | 2,3 | 204 | 15 | 3,94 |
| 530100140 | 25 | 1" | 33,7 | | 18 | 2,9 | 294 | 10 | 5,36 |
| 530308150 | 10 | 3/8" | 17 | 150 | 11 | 2 | 132 | 15 | 4,23 |
| 530102150 | 15 | 1/2" | 21,2 | | 14 | 2,3 | 171 | 15 | 2,96 |
| 530304150 | 20 | 3/4" | 26,9 | | 16 | 2,3 | 219 | 15 | 3,60 |
| 530100150 | 25 | 1" | 33,7 | | 18 | 2,9 | 315 | 10 | 4,85 |
| 530114150 | 32 | 1 1/4" | 42,4 | | 20 | 2,9 | 440 | 8 | 6,25 |
| 530112150 | 40 | 1 1/2" | 48,3 | | 22 | 2,9 | 505 | 8 | 8,36 |
| 530200150 | 50 | 2" | 60,3 | | 24 | 3,2 | 707 | 6 | 10,92 |
| 530212150 | 65 | 2 1/2" | 76,1 | | 25 | 3,6 | 1009 | 5 | 19,22 |
| 530300150 | 80 | 3" | 88,9 | | 30 | 3,6 | 1186 | 4 | 25,66 |
| 530400150 | 100 | 4" | 114,3 | | 35 | 4,2 | 1876 | 6 | 39,72 |
| 530102160 | 15 | 1/2" | 21,2 | 160 | 14 | 2,3 | 182 | 15 | 3,66 |
| 530304160 | 20 | 3/4" | 26,9 | | 16 | 2,3 | 233 | 15 | 4,43 |
| 530100160 | 25 | 1" | 33,7 | | 18 | 2,9 | 335 | 10 | 5,97 |
| 530102180 | 15 | 1/2" | 21,2 | 180 | 14 | 2,3 | 203 | 15 | 3,75 |
| 530304180 | 20 | 3/4" | 26,9 | | 16 | 2,3 | 261 | 15 | 4,63 |
| 530100180 | 25 | 1" | 33,7 | | 18 | 2,9 | 376 | 10 | 6,16 |

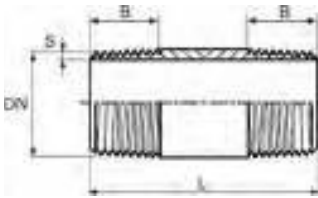
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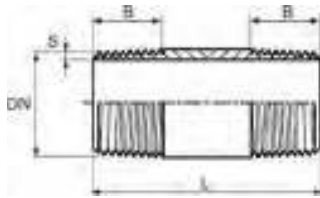
VITE DI ALLUNGAMENTO
BARILOTTO NERO

- BLACK BARREL NIPPLE
- ROHRDOPPELNIPPEL SCHWARZ
- MAMELON NOIR
- CARRETE DE PROLONGACIÓN NEGRO

TYPE: International Nr. 23
MATERIAL: P235TR1 - S235 (R.St.37.0)
NORM: UNI / DIN EN 10241 (ex DIN 2982)
THREAD: EN 10226-1 (ex ISO 7/1)



| CODE | DN | DN inch | DN mm | L mm | B mm | S mm | | | € | |
|-----------|-----|------------|----------|---------|---------|---------|------|------|-------|-------|
| 530308200 | 10 | 3/8" | 17 | 200 | 11 | 2 | 174 | 15 | 5,01 | |
| 530102200 | 15 | 1/2" | 21,2 | | 14 | 2,3 | 225 | 15 | 3,60 | |
| 530304200 | 20 | 3/4" | 26,9 | | 16 | 2,3 | 289 | 15 | 4,28 | |
| 530100200 | 25 | 1" | 33,7 | | 18 | 2,9 | 416 | 10 | 6,14 | |
| 530114200 | 32 | 1 1/4" | 42,4 | | 20 | 2,9 | 582 | 8 | 8,22 | |
| 530112200 | 40 | 1 1/2" | 48,3 | | 22 | 2,9 | 668 | 8 | 9,64 | |
| 530200200 | 50 | 2" | 60,3 | | 24 | 3,2 | 935 | 6 | 12,61 | |
| 530212200 | 65 | 2 1/2" | 76,1 | | 25 | 3,6 | 1180 | 5 | 22,14 | |
| 530300200 | 80 | 3" | 88,9 | | 30 | 3,6 | 1568 | 4 | 28,18 | |
| 530400200 | 100 | 4" | 114,3 | | 35 | 4,2 | 2481 | 6 | 44,31 | |
| 530308250 | 10 | 3/8" | 17 | 250 | 11 | 2 | 217 | 15 | 7,42 | |
| 530102250 | 15 | 1/2" | 21,2 | | 14 | 2,3 | 281 | 15 | 5,71 | |
| 530304250 | 20 | 3/4" | 26,9 | | 16 | 2,3 | 360 | 15 | 6,28 | |
| 530100250 | 25 | 1" | 33,7 | | 18 | 2,9 | 518 | 10 | 8,34 | |
| 530114250 | 32 | 1 1/4" | 42,4 | | 20 | 2,9 | 724 | 8 | 10,91 | |
| 530112250 | 40 | 1 1/2" | 48,3 | | 22 | 2,9 | 831 | 8 | 13,32 | |
| 530200250 | 50 | 2" | 60,3 | | 24 | 3,2 | 1163 | 6 | 16,94 | |
| 530212250 | 65 | 2 1/2" | 76,1 | | 25 | 3,6 | 1660 | 5 | 27,18 | |
| 530300250 | 80 | 3" | 88,9 | | 30 | 3,6 | 1951 | 4 | 32,38 | |
| 530400250 | 100 | 4" | 114,3 | | 35 | 4,2 | 3086 | 4 | 52,35 | |
| 530308300 | 10 | 3/8" | 17 | 300 | 11 | 2 | 259 | 15 | 8,33 | |
| 530102300 | 15 | 1/2" | 21,2 | | 14 | 2,3 | 336 | 15 | 5,90 | |
| 530304300 | 20 | 3/4" | 26,9 | | 16 | 2,3 | 430 | 15 | 6,74 | |
| 530100300 | 25 | 1" | 33,7 | | 18 | 2,9 | 619 | 10 | 9,22 | |
| 530114300 | 32 | 1 1/4" | 42,4 | | 20 | 2,9 | 866 | 8 | 12,81 | |
| 530112300 | 40 | 1 1/2" | 48,3 | | 22 | 2,9 | 994 | 8 | 15,21 | |
| 530200300 | 50 | 2" | 60,3 | | 24 | 3,2 | 1391 | 6 | 18,95 | |
| 530212300 | 65 | 2 1/2" | 76,1 | | 25 | 3,6 | 1953 | 5 | 31,97 | |
| 530300300 | 80 | 3" | 88,9 | | 30 | 3,6 | 2666 | 4 | 38,24 | |
| 530400300 | 100 | 4" | 114,3 | | 35 | 4,2 | 3691 | 4 | 58,47 | |
| 530102400 | 15 | 1/2" | 21,2 | 400 | 14 | 2,3 | 450 | 10 | 7,64 | |
| 530304400 | 20 | 3/4" | 26,9 | | 16 | 2,3 | 590 | 10 | 9,04 | |
| 530100400 | 25 | 1" | 33,7 | | 18 | 2,9 | 826 | 5 | 12,46 | |
| 530102500 | 15 | 1/2" | 21,2 | | 500 | 14 | 2,3 | 555 | 10 | 9,16 |
| 530304500 | 20 | 3/4" | 26,9 | | | 16 | 2,3 | 740 | 10 | 10,92 |
| 530100500 | 25 | 1" | 33,7 | | | 18 | 2,9 | 1033 | 5 | 15,69 |



530/Z

VITE DI ALLUNGAMENTO
BARILOTTO ZINCATO

- GALVANISED BARREL NIPPLE
- ROHRDOPPELNIPPEL VERZINKT
- MAMELON GALVANISÉ
- CARRETE DE PROLONGACIÓN GALVANIZADO

TYPE: International Nr. 23
MATERIAL: P235TR1 - S235 (R.St.37.0)
NORM: UNI / DIN EN 10241 (ex DIN 2982)
THREAD: EN 10226-1 (ex ISO 7/1)
GALVANIZATION: EN 10240 A1

| CODE | DN | DN inch | DN mm | L mm | B mm | S mm | | | € |
|-----------|-----|------------|----------|---------|---------|---------|-----|-------|------|
| 530308043 | 10 | 3/8" | 17 | 40 | 11 | 2 | 35 | 10 | 2,73 |
| 530102043 | 15 | 1/2" | 21,2 | | 14 | 2,3 | 50 | 10 | 2,63 |
| 530304043 | 20 | 3/4" | 26,9 | | 16 | 2,3 | 63 | 10 | 2,93 |
| 530100043 | 25 | 1" | 33,7 | | 18 | 2,9 | 91 | 20 | 3,41 |
| 530114043 | 32 | 1 1/4" | 42,4 | | 20 | 2,9 | 128 | 20 | 4,62 |
| 530112043 | 40 | 1 1/2" | 48,3 | 22 | 2,9 | 147 | 20 | 5,53 | |
| 530200043 | 50 | 2" | 60,3 | 24 | 3,2 | 205 | 20 | 6,42 | |
| 530308053 | 10 | 3/8" | 17 | 50 | 11 | 2 | 47 | 10 | 5,18 |
| 530102053 | 15 | 1/2" | 21,2 | | 14 | 2,3 | 61 | 10 | 2,65 |
| 530304053 | 20 | 3/4" | 26,9 | | 16 | 2,3 | 73 | 10 | 2,93 |
| 530100053 | 25 | 1" | 33,7 | | 18 | 2,9 | 112 | 20 | 3,75 |
| 530114053 | 32 | 1 1/4" | 42,4 | | 20 | 2,9 | 146 | 20 | 5,07 |
| 530112053 | 40 | 1 1/2" | 48,3 | 22 | 2,9 | 162 | 20 | 5,75 | |
| 530200053 | 50 | 2" | 60,3 | 24 | 3,2 | 251 | 20 | 6,56 | |
| 530308063 | 10 | 3/8" | 17 | 60 | 11 | 2 | 55 | 10 | 3,22 |
| 530102063 | 15 | 1/2" | 21,2 | | 14 | 2,3 | 72 | 10 | 2,32 |
| 530304063 | 20 | 3/4" | 26,9 | | 16 | 2,3 | 92 | 10 | 2,60 |
| 530100063 | 25 | 1" | 33,7 | | 18 | 2,9 | 132 | 20 | 3,41 |
| 530114063 | 32 | 1 1/4" | 42,4 | | 20 | 2,9 | 185 | 20 | 4,49 |
| 530112063 | 40 | 1 1/2" | 48,3 | 22 | 2,9 | 212 | 20 | 5,17 | |
| 530200063 | 50 | 2" | 60,3 | 24 | 3,2 | 296 | 20 | 7,58 | |
| 530308073 | 10 | 3/8" | 17 | 70 | 11 | 2 | 64 | 10 | 3,53 |
| 530102073 | 15 | 1/2" | 21,2 | | 14 | 2,3 | 82 | 30 | 2,61 |
| 530304073 | 20 | 3/4" | 26,9 | | 16 | 2,3 | 106 | 30 | 3,16 |
| 530100073 | 25 | 1" | 33,7 | | 18 | 2,9 | 152 | 20 | 4,43 |
| 530114073 | 32 | 1 1/4" | 42,4 | | 20 | 2,9 | 213 | 20 | 4,95 |
| 530112073 | 40 | 1 1/2" | 48,3 | 22 | 2,9 | 244 | 20 | 5,74 | |
| 530200073 | 50 | 2" | 60,3 | 24 | 3,2 | 315 | 20 | 8,30 | |
| 530308083 | 10 | 3/8" | 17 | 80 | 11 | 2 | 72 | 10 | 3,45 |
| 530102083 | 15 | 1/2" | 21,2 | | 14 | 2,3 | 93 | 30 | 2,27 |
| 530304083 | 20 | 3/4" | 26,9 | | 16 | 2,3 | 120 | 30 | 2,73 |
| 530100083 | 25 | 1" | 33,7 | | 18 | 2,9 | 172 | 20 | 3,85 |
| 530114083 | 32 | 1 1/4" | 42,4 | | 20 | 2,9 | 241 | 16 | 5,01 |
| 530112083 | 40 | 1 1/2" | 48,3 | 22 | 2,9 | 277 | 16 | 5,70 | |
| 530200083 | 50 | 2" | 60,3 | 24 | 3,2 | 388 | 12 | 8,32 | |
| 530212083 | 65 | 2 1/2" | 76,1 | 25 | 3,6 | 553 | 10 | 16,33 | |
| 530300083 | 80 | 3" | 88,9 | 30 | 3,6 | 650 | 6 | 18,55 | |
| 530400083 | 100 | 4" | 114,3 | 35 | 4,2 | 1028 | 6 | 33,45 | |

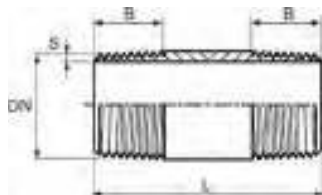
R 1013

530/Z

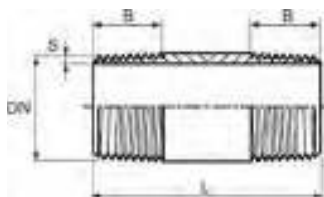
VITE DI ALLUNGAMENTO
BARILOTTO ZINCATO

- GALVANISED BARREL NIPPLE
- ROHRDOPPELNIPPEL VERZINKT
- MAMELON GALVANISÉ
- CARRETE DE PROLONGACIÓN GALVANIZADO

TYPE: International Nr. 23
MATERIAL: P235TR1 - S235 (R.St.37.0)
NORM: UNI / DIN EN 10241 (ex DIN 2982)
THREAD: EN 10226-1 (ex ISO 7/1)
GALVANIZATION: EN 10240 A1



| CODE | DN | DN inch | DN mm | L mm | B mm | S mm | g | Box | € |
|-----------|-----|------------|----------|---------|---------|---------|------|-------|-------|
| 530102093 | 15 | 1/2" | 21,2 | 90 | 14 | 2,3 | 104 | 30 | 2,58 |
| 530304093 | 20 | 3/4" | 26,9 | | 16 | 2,3 | 134 | 30 | 3,30 |
| 530100093 | 25 | 1" | 33,7 | | 18 | 2,9 | 193 | 20 | 4,39 |
| 530114093 | 32 | 1 1/4" | 42,4 | | 20 | 2,9 | 270 | 16 | 5,52 |
| 530112093 | 40 | 1 1/2" | 48,3 | | 22 | 2,9 | 310 | 16 | 6,39 |
| 530200093 | 50 | 2" | 60,3 | | 24 | 3,2 | 433 | 12 | 9,42 |
| 530308103 | 10 | 3/8" | 17 | 100 | 11 | 2 | 89 | 30 | 3,82 |
| 530102103 | 15 | 1/2" | 21,2 | | 14 | 2,3 | 116 | 30 | 2,53 |
| 530304103 | 20 | 3/4" | 26,9 | | 16 | 2,3 | 148 | 30 | 3,20 |
| 530100103 | 25 | 1" | 33,7 | | 18 | 2,9 | 213 | 20 | 4,21 |
| 530114103 | 32 | 1 1/4" | 42,4 | | 20 | 2,9 | 298 | 16 | 5,16 |
| 530112103 | 40 | 1 1/2" | 48,3 | | 22 | 2,9 | 342 | 16 | 6,13 |
| 530200103 | 50 | 2" | 60,3 | | 24 | 3,2 | 479 | 12 | 9,16 |
| 530212103 | 65 | 2 1/2" | 76,1 | | 25 | 3,6 | 684 | 10 | 17,23 |
| 530300103 | 80 | 3" | 88,9 | | 30 | 3,6 | 803 | 6 | 19,79 |
| 530400103 | 100 | 4" | 114,3 | | 35 | 4,2 | 1271 | 6 | 35,40 |
| 530102113 | 15 | 1/2" | 21,2 | 110 | 14 | 2,3 | 127 | 15 | 2,88 |
| 530304113 | 20 | 3/4" | 26,9 | | 16 | 2,3 | 162 | 15 | 3,58 |
| 530100113 | 25 | 1" | 33,7 | | 18 | 2,9 | 233 | 10 | 4,90 |
| 530308123 | 10 | 3/8" | 17 | | 11 | 2 | 106 | 15 | 4,58 |
| 530102123 | 15 | 1/2" | 21,2 | | 14 | 2,3 | 138 | 15 | 3,12 |
| 530304123 | 20 | 3/4" | 26,9 | | 16 | 2,3 | 176 | 15 | 3,69 |
| 530100123 | 25 | 1" | 33,7 | 120 | 18 | 2,9 | 254 | 10 | 5,24 |
| 530114123 | 32 | 1 1/4" | 42,4 | | 20 | 2,9 | 355 | 8 | 6,52 |
| 530112123 | 40 | 1 1/2" | 48,3 | | 22 | 2,9 | 408 | 8 | 8,03 |
| 530200123 | 50 | 2" | 60,3 | | 24 | 3,2 | 570 | 6 | 10,57 |
| 530212123 | 65 | 2 1/2" | 76,1 | | 25 | 3,6 | 814 | 5 | 19,16 |
| 530300123 | 80 | 3" | 88,9 | | 30 | 3,6 | 918 | 4 | 26,08 |
| 530400123 | 100 | 4" | 114,3 | 35 | 4,2 | 1513 | 6 | 41,45 | |
| 530102133 | 15 | 1/2" | 21,2 | 130 | 14 | 2,3 | 149 | 15 | 3,49 |
| 530304133 | 20 | 3/4" | 26,9 | | 16 | 2,3 | 190 | 15 | 4,07 |
| 530102143 | 15 | 1/2" | 21,2 | | 14 | 2,3 | 160 | 15 | 3,66 |
| 530304143 | 20 | 3/4" | 26,9 | 140 | 16 | 2,3 | 204 | 15 | 4,19 |
| 530100143 | 25 | 1" | 33,7 | | 18 | 2,9 | 294 | 10 | 5,88 |
| 530114143 | 32 | 1 1/4" | 42,4 | | 20 | 2,9 | 412 | 8 | 8,00 |
| 530112143 | 40 | 1 1/2" | 48,3 | | 22 | 2,9 | 473 | 8 | 9,18 |
| 530200143 | 50 | 2" | 60,3 | | 24 | 3,2 | 661 | 6 | 11,97 |



530/Z

VITE DI ALLUNGAMENTO
BARIOTTO ZINCATO

- GALVANISED BARREL NIPPLE
- ROHRDOPPELNIPPEL VERZINKT
- MAMELON GALVANISÉ
- CARRETE DE PROLONGACIÓN GALVANIZADO

TYPE: International Nr. 23
MATERIAL: P235TR1 - S235 (R.St.37.0)
NORM: UNI / DIN EN 10241 (ex DIN 2982)
THREAD: EN 10226-1 (ex ISO 7/1)
GALVANIZATION: EN 10240 A1

| CODE | DN | DN inch | DN mm | L mm | B mm | S mm | | | € |
|-----------|-----|------------|----------|---------|---------|---------|------|----|-------|
| 530308153 | 10 | 3/8" | 17 | 150 | 11 | 2 | 132 | 15 | 4,98 |
| 530102153 | 15 | 1/2" | 21,2 | | 14 | 2,3 | 171 | 15 | 3,22 |
| 530304153 | 20 | 3/4" | 26,9 | | 16 | 2,3 | 219 | 15 | 3,82 |
| 530100153 | 25 | 1" | 33,7 | | 18 | 2,9 | 315 | 10 | 5,50 |
| 530114153 | 32 | 1 1/4" | 42,4 | | 20 | 2,9 | 440 | 8 | 7,35 |
| 530112153 | 40 | 1 1/2" | 48,3 | | 22 | 2,9 | 505 | 8 | 8,40 |
| 530200153 | 50 | 2" | 60,3 | | 24 | 3,2 | 707 | 6 | 10,95 |
| 530212153 | 65 | 2 1/2" | 76,1 | | 25 | 3,6 | 1009 | 5 | 19,89 |
| 530300153 | 80 | 3" | 88,9 | | 30 | 3,6 | 1186 | 4 | 26,85 |
| 530400153 | 100 | 4" | 114,3 | | 35 | 4,2 | 1876 | 6 | 44,50 |
| 530102163 | 15 | 1/2" | 21,2 | 160 | 14 | 2,3 | 182 | 15 | 4,61 |
| 530304163 | 20 | 3/4" | 26,9 | | 16 | 2,3 | 233 | 15 | 5,27 |
| 530100163 | 25 | 1" | 33,7 | | 18 | 2,9 | 335 | 10 | 7,81 |
| 530114163 | 32 | 1 1/4" | 42,4 | | 20 | 2,9 | 468 | 8 | 8,17 |
| 530112163 | 40 | 1 1/2" | 48,3 | | 22 | 2,9 | 538 | 8 | 11,39 |
| 530200163 | 50 | 2" | 60,3 | | 24 | 3,2 | 752 | 6 | 14,72 |
| 530308183 | 10 | 3/8" | 17 | 180 | 11 | 2 | 157 | 15 | 6,38 |
| 530102183 | 15 | 1/2" | 21,2 | | 14 | 2,3 | 203 | 15 | 4,61 |
| 530304183 | 20 | 3/4" | 26,9 | | 16 | 2,3 | 261 | 15 | 5,27 |
| 530100183 | 25 | 1" | 33,7 | | 18 | 2,9 | 376 | 10 | 7,81 |
| 530114183 | 32 | 1 1/4" | 42,4 | | 20 | 2,9 | 525 | 8 | 9,86 |
| 530112183 | 40 | 1 1/2" | 48,3 | | 22 | 2,9 | 603 | 8 | 11,39 |
| 530200183 | 50 | 2" | 60,3 | | 24 | 3,2 | 844 | 6 | 14,72 |
| 530212183 | 65 | 2 1/2" | 76,1 | | 25 | 3,6 | 1204 | 5 | 22,61 |
| 530300183 | 80 | 3" | 88,9 | | 30 | 3,6 | 1415 | 6 | 28,40 |
| 530400183 | 100 | 4" | 114,3 | | 35 | 4,2 | 2239 | 6 | 47,10 |
| 530308203 | 10 | 3/8" | 17 | 200 | 11 | 2 | 174 | 15 | 5,85 |
| 530102203 | 15 | 1/2" | 21,2 | | 14 | 2,3 | 225 | 15 | 4,23 |
| 530304203 | 20 | 3/4" | 26,9 | | 16 | 2,3 | 289 | 15 | 5,07 |
| 530100203 | 25 | 1" | 33,7 | | 18 | 2,9 | 416 | 10 | 6,94 |
| 530114203 | 32 | 1 1/4" | 42,4 | | 20 | 2,9 | 582 | 8 | 8,95 |
| 530112203 | 40 | 1 1/2" | 48,3 | | 22 | 2,9 | 668 | 8 | 10,52 |
| 530200203 | 50 | 2" | 60,3 | | 24 | 3,2 | 935 | 6 | 14,34 |
| 530212203 | 65 | 2 1/2" | 76,1 | | 25 | 3,6 | 1180 | 5 | 23,87 |
| 530300203 | 80 | 3" | 88,9 | | 30 | 3,6 | 1568 | 4 | 30,37 |
| 530400203 | 100 | 4" | 114,3 | | 35 | 4,2 | 2481 | 6 | 49,82 |
| 530308253 | 10 | 3/8" | 17 | 250 | 11 | 2 | 217 | 15 | 8,58 |
| 530102253 | 15 | 1/2" | 21,2 | | 14 | 2,3 | 281 | 15 | 6,01 |
| 530304253 | 20 | 3/4" | 26,9 | | 16 | 2,3 | 360 | 15 | 6,71 |
| 530100253 | 25 | 1" | 33,7 | | 18 | 2,9 | 518 | 10 | 9,70 |
| 530114253 | 32 | 1 1/4" | 42,4 | | 20 | 2,9 | 724 | 8 | 12,53 |

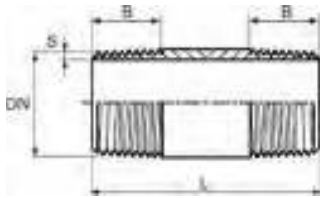
R 10 13

530/Z

VITE DI ALLUNGAMENTO
BARILOTTO ZINCATO

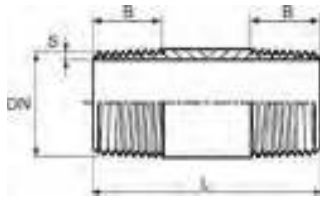
- GALVANISED BARREL NIPPLE
- ROHRDOPPELNIPPEL VERZINKT
- MAMELON GALVANISÉ
- CARRETE DE PROLONGACIÓN GALVANIZADO

TYPE: International Nr. 23
MATERIAL: P235TR1 - S235 (R.St.37.0)
NORM: UNI / DIN EN 10241 (ex DIN 2982)
THREAD: EN 10226-1 (ex ISO 7/1)
GALVANIZATION: EN 10240 A1



| CODE | DN | DN inch | DN mm | L mm | B mm | S mm | g | Box | € | |
|-----------|-----|------------|----------|---------|---------|---------|------|-----|--------|-------|
| 530112253 | 40 | 1 1/2 | 48,3 | 250 | 22 | 2,9 | 831 | 8 | 14,78 | |
| 530200253 | 50 | 2" | 60,3 | | 24 | 3,2 | 1163 | 6 | 18,61 | |
| 530212253 | 65 | 2 1/2 | 76,1 | | 25 | 3,6 | 1660 | 5 | 28,89 | |
| 530300253 | 80 | 3" | 88,9 | | 30 | 3,6 | 1951 | 4 | 33,13 | |
| 530400253 | 100 | 4" | 114,3 | | 35 | 4,2 | 3086 | 4 | 53,39 | |
| 530308303 | 10 | 3/8" | 17 | | 300 | 11 | 2 | 259 | 15 | 10,31 |
| 530102303 | 15 | 1/2" | 21,2 | | | 14 | 2,3 | 336 | 15 | 6,81 |
| 530304303 | 20 | 3/4" | 26,9 | | | 16 | 2,3 | 430 | 15 | 8,25 |
| 530100303 | 25 | 1" | 33,7 | | | 18 | 2,9 | 619 | 10 | 11,54 |
| 530114303 | 32 | 1 1/4 | 42,4 | | | 20 | 2,9 | 866 | 8 | 14,55 |
| 530112303 | 40 | 1 1/2 | 48,3 | 22 | | 2,9 | 994 | 8 | 16,94 | |
| 530200303 | 50 | 2" | 60,3 | 24 | | 3,2 | 1391 | 6 | 22,97 | |
| 530212303 | 65 | 2 1/2 | 76,1 | 25 | | 3,6 | 1953 | 5 | 33,06 | |
| 530300303 | 80 | 3" | 88,9 | 30 | | 3,6 | 2666 | 4 | 40,18 | |
| 530400303 | 100 | 4" | 114,3 | 35 | | 4,2 | 3691 | 4 | 66,44 | |
| 530308403 | 10 | 3/8" | 17 | 400 | 11 | 2 | 330 | 15 | 10,88 | |
| 530102403 | 15 | 1/2" | 21,2 | | 14 | 2,3 | 450 | 10 | 8,78 | |
| 530304403 | 20 | 3/4" | 26,9 | | 16 | 2,3 | 590 | 10 | 10,79 | |
| 530100403 | 25 | 1" | 33,7 | | 18 | 2,9 | 826 | 5 | 15,29 | |
| 530114403 | 32 | 1 1/4 | 42,4 | | 20 | 2,9 | 1270 | 5 | 19,22 | |
| 530112403 | 40 | 1 1/2 | 48,3 | | 22 | 2,9 | 1330 | 5 | 22,38 | |
| 530200403 | 50 | 2" | 60,3 | | 24 | 3,2 | 1910 | 3 | 31,20 | |
| 530212403 | 65 | 2 1/2 | 76,1 | | 25 | 3,6 | 2400 | 4 | 39,54 | |
| 530300403 | 80 | 3" | 88,9 | | 30 | 3,6 | 2808 | 4 | 52,12 | |
| 530400403 | 100 | 4" | 114,3 | | 35 | 4,2 | 4550 | 3 | 88,62 | |
| 530308503 | 10 | 3/8" | 17 | 500 | 11 | 2 | 420 | 15 | 11,69 | |
| 530102503 | 15 | 1/2" | 21,2 | | 14 | 2,3 | 555 | 10 | 10,38 | |
| 530304503 | 20 | 3/4" | 26,9 | | 16 | 2,3 | 740 | 10 | 13,01 | |
| 530100503 | 25 | 1" | 33,7 | | 18 | 2,9 | 1033 | 5 | 18,45 | |
| 530114503 | 32 | 1 1/4 | 42,4 | | 20 | 2,9 | 1585 | 5 | 23,12 | |
| 530112503 | 40 | 1 1/2 | 48,3 | | 22 | 2,9 | 1660 | 5 | 26,88 | |
| 530200503 | 50 | 2" | 60,3 | | 24 | 3,2 | 2384 | 3 | 36,52 | |
| 530212503 | 65 | 2 1/2 | 76,1 | | 25 | 3,6 | 3320 | 4 | 47,39 | |
| 530300503 | 80 | 3" | 88,9 | | 30 | 3,6 | 3902 | 4 | 63,82 | |
| 530400503 | 100 | 4" | 114,3 | | 35 | 4,2 | 6172 | 3 | 108,24 | |
| 530102603 | 15 | 1/2" | 21,2 | 600 | 14 | 2,3 | 680 | 10 | 15,99 | |
| 530304603 | 20 | 3/4" | 26,9 | | 16 | 2,3 | 860 | 10 | 18,51 | |
| 530100603 | 25 | 1" | 33,7 | | 18 | 2,9 | 1240 | 5 | 27,93 | |

R 10 13



530/Z

VITE DI ALLUNGAMENTO
BARILOTTO ZINCATO

- GALVANISED BARREL NIPPLE
- ROHRDOPPELNIPPEL VERZINKT
- MAMELON GALVANISÉ
- CARRETE DE PROLONGACIÓN GALVANIZADO

TYPE: International Nr. 23
MATERIAL: P235TR1 - S235 (R.St.37.0)
NORM: UNI / DIN EN 10241 (ex DIN 2982)
THREAD: EN 10226-1 (ex ISO 7/1)
GALVANIZATION: EN 10240 A1

| CODE | DN | DN inch | DN mm | L mm | B mm | S mm | | | € |
|------------|----|------------|----------|---------|---------|---------|------|----|-------|
| 530102703 | 15 | 1/2" | 21,2 | | 14 | 2,3 | 790 | 10 | 18,41 |
| 530304703 | 20 | 3/4" | 26,9 | 700 | 16 | 2,3 | 1020 | 10 | 21,24 |
| 530100703 | 25 | 1" | 33,7 | | 18 | 2,9 | 1550 | 5 | 36,08 |
| 530102803 | 15 | 1/2" | 21,2 | | 14 | 2,3 | 900 | 10 | 20,66 |
| 530304803 | 20 | 3/4" | 26,9 | 800 | 16 | 2,3 | 1180 | 10 | 24,19 |
| 530100803 | 25 | 1" | 33,7 | | 16 | 2,9 | 1865 | 5 | 40,50 |
| 5301021003 | 15 | 1/2" | 21,2 | | 14 | 2,3 | 1110 | 10 | 25,50 |
| 5303041003 | 20 | 3/4" | 26,9 | 1000 | 16 | 2,3 | 1480 | 10 | 31,77 |
| 5301001003 | 25 | 1" | 33,7 | | 18 | 2,9 | 2325 | 5 | 45,56 |
| 5301021503 | 15 | 1/2" | 21,2 | | 14 | 2,3 | 1646 | 10 | 41,76 |
| 5303041503 | 20 | 3/4" | 26,9 | 1500 | 16 | 2,3 | 2200 | 10 | 47,65 |
| 5301001503 | 25 | 1" | 33,7 | | 18 | 2,9 | 3200 | 5 | 69,57 |
| 5301022003 | 15 | 1/2" | 21,2 | | 14 | 2,3 | 2257 | 10 | 55,47 |
| 5303042003 | 20 | 3/4" | 26,9 | 2000 | 16 | 2,3 | 2800 | 10 | 63,98 |
| 5301002003 | 25 | 1" | 33,7 | | 18 | 2,9 | 4528 | 5 | 93,18 |

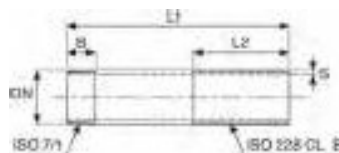
R 10 13

532

VITE DI ALLUNGAMENTO CONICA-
CILINDRICA, ZINCATO, SCORREVOLE

- SLIDING BARREL NIPPLE
- LANGEGEWINDE VERZINKT
- MAMELON GALVANISÉ AVEC FILETAGE CONIQUE ET CYLINDRIQUE
- CARRETE DE PROLONGACIÓN CONICO CILINDRICO GALVANIZADO

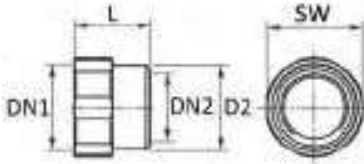
TYPE: International Nr. 4/b
MATERIAL: P235TR1 - S235 (R.St.37.0)
NORM: DIN 2981
THREAD: vedi disegno/see drawing
GALVANIZATION: EN 10240 A1



| CODE | DN | DN inch | DN mm | S mm | L1 mm | L2 min mm | B mm | | | € |
|-----------|----|------------|----------|---------|----------|--------------|---------|-----|----|-------|
| 532308100 | 10 | 3/8" | 17,2 | 2 | 100 | 40 | 11 | 61 | 30 | 6,08 |
| 532102100 | 15 | 1/2" | 21,2 | 2,3 | 100 | 50 | 14 | 85 | 30 | 6,41 |
| 532304120 | 20 | 3/4" | 26,9 | 2,3 | 120 | 55 | 16 | 136 | 15 | 8,45 |
| 532100140 | 25 | 1" | 33,7 | 2,9 | 140 | 60 | 18 | 230 | 10 | 8,89 |
| 532114150 | 32 | 1 1/4" | 42,4 | 2,9 | 150 | 70 | 20 | 320 | 8 | 16,74 |
| 532112150 | 40 | 1 1/2" | 48,3 | 2,9 | 150 | 70 | 22 | 407 | 8 | 20,32 |
| 532200170 | 50 | 2" | 60,3 | 3,2 | 170 | 81 | 24 | 680 | 6 | 26,25 |

R 1014

240

**MANICOTTO RIDOTTO FF ZINCATO**

- GALVANIZED REDUCTION SOCKET
- REDUZIERMUFFE VERZINKT
- MANCHON REDUIT GALVANISÉ
- MANGUITO REDUCCIÓN GALVANIZADO

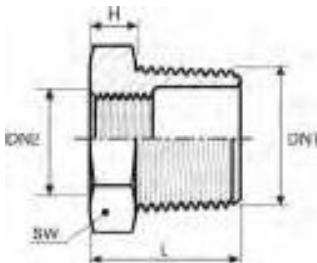
TYPE: International Nr. 17
NORM: UNI / DIN EN 10241 (ex DIN 2982)
THREAD: EN 10226-1 (ex ISO 7/1)

| CODE | DN1 | DN2 | DN1 inch | DN2 inch | D2 mm | L mm | SW mm | | | | € |
|-----------|-----|-----|-------------|-------------|----------|---------|----------|-----|-----|------|-------|
| 240104108 | 8 | 6 | 1/4" | 1/8" | 12,5 | 22 | 20 | 27 | 10* | 200 | 3,01 |
| 240308104 | 10 | 8 | 3/8" | 1/4" | 17 | 22 | 20 | 22 | 10 | 200* | 1,98 |
| 240102104 | 15 | 8 | 1/2" | 1/4" | 17 | 27 | 24 | 31 | 10* | 200 | 2,81 |
| 240308102 | 15 | 10 | 1/2" | 3/8" | 21 | 25,5 | 24 | 31 | 10 | 200* | 2,58 |
| 240304308 | 20 | 10 | 3/4" | 3/8" | 22 | 24 | 30 | 40 | 10* | 100 | 3,87 |
| 240102304 | 20 | 15 | 3/4" | 1/2" | 25 | 27 | 30 | 41 | 10 | 100* | 3,31 |
| 240100102 | 25 | 15 | 1" | 1/2" | 26,5 | 30 | 38 | 81 | 10* | 100 | 6,06 |
| 240304100 | 25 | 20 | 1" | 3/4" | 33 | 30 | 38 | 90 | 10* | 100 | 5,60 |
| 240114100 | 32 | 25 | 1 1/4" | 1" | 46 | 33,5 | 50 | 227 | 10* | 50 | 25,19 |

[*] unità minima di vendita / minimum selling quantity

R 1014

241

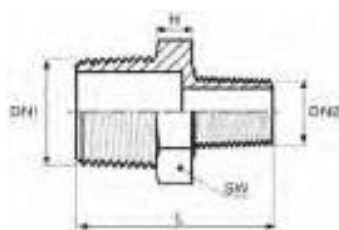
**RIDUZIONE MF ZINCATO**

- GALVANIZED REDUCING BUSH M/F
- 6-KANT REDUZIERSTÜCK VERZINKT
- REDUCTION MF GALVANISÉ
- TUERCA REDUCCIÓN GALVANIZADO

TYPE: International Nr. 33
NORM: UNI / DIN EN 10241 (ex DIN 2982)
THREAD: EN 10226-1 (ex ISO 7/1)

| CODE | DN1 | DN2 | DN1 x DN2 inch | L min mm | H mm | SW mm | | | | € |
|-----------|-----|-----|-------------------|-------------|---------|----------|-----|-----|------|-------|
| 241104184 | 8 | 6 | 1/4" x 1/8" | 15 | 5,5 | 14 | 12 | 10 | 100* | 1,60 |
| 241308184 | 10 | 6 | 3/8" x 1/8" | 17 | 5 | 19 | 20 | 10* | 100 | 1,66 |
| 241308144 | 10 | 8 | 3/8" x 1/4" | 17 | 5 | 19 | 16 | 10 | 200* | 1,14 |
| 241102184 | 15 | 6 | 1/2" x 1/8" | 21 | 7 | 22 | 43 | 10* | 100 | 2,08 |
| 241102144 | 15 | 8 | 1/2" x 1/4" | 22,5 | 6 | 22 | 28 | 10 | 200* | 1,33 |
| 241102384 | 15 | 10 | 1/2" x 3/8" | 21 | 6 | 22 | 21 | 10 | 200* | 1,24 |
| 241304184 | 20 | 6 | 3/4" x 1/8" | 21 | 7 | 27 | 58 | 10* | 100 | 2,84 |
| 241304144 | 20 | 8 | 3/4" x 1/4" | 24,5 | 6 | 30 | 55 | 10* | 100 | 2,26 |
| 241304384 | 20 | 10 | 3/4" x 3/8" | 24,5 | 6 | 30 | 44 | 10 | 100* | 1,91 |
| 241304124 | 20 | 15 | 3/4" x 1/2" | 24 | 6 | 30 | 46 | 10 | 100* | 1,75 |
| 241100384 | 25 | 10 | 1" x 3/8" | 21 | 7 | 34 | 84 | 10* | 100 | 4,60 |
| 241100124 | 25 | 15 | 1" x 1/2" | 21 | 7 | 34 | 76 | 10 | 100* | 3,91 |
| 241100344 | 25 | 20 | 1" x 3/4" | 21,5 | 7 | 34 | 75 | 10 | 100* | 3,65 |
| 241114104 | 32 | 25 | 1 1/4" x 1" | 23 | 7 | 41 | 110 | 5 | 25* | 10,79 |
| 241112144 | 40 | 32 | 1 1/2" x 1 1/4" | 23,5 | 7 | 50 | 128 | 5 | 25* | 36,89 |
| 241200104 | 50 | 25 | 2" x 1" | 27 | 7 | 60 | 397 | 5* | 25 | 44,34 |
| 241200144 | 50 | 32 | 2" x 1 1/4" | 27 | 7 | 60 | 260 | 5* | 25 | 49,07 |
| 241200124 | 50 | 40 | 2" x 1 1/2" | 27 | 7 | 60 | 198 | 5* | 25 | 48,91 |

[*] unità minima di vendita / minimum selling quantity



245

R 10 14

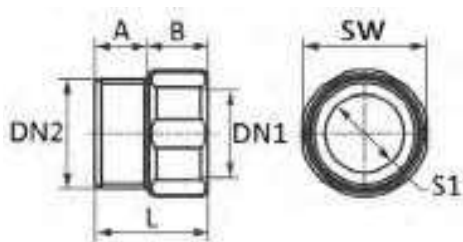
VITE DOPPIA RIDOTTA ZINCATI

- GALVANIZED HEXAGON NIPPLE REDUCED
- 6-KANT DOPPELNIPPEL REDUZIERT VERZINKT
- MAMELON REDUIT GALVANISÉ
- MACHÓN REDUCIDO GALVANIZADO

TYPE: International Nr. 34
NORM: UNI / DIN EN 10241 [ex DIN 2982]
THREAD: EN 10226-1 [ex ISO 7/1]

| CODE | DN1 | DN2 | DN1 x DN2 inch | L min mm | Tol L mm | H mm | SW mm | | | | € |
|-----------|-----|-----|-------------------|-------------|-------------|---------|----------|-----|-----|------|-------|
| 245104184 | 8 | 6 | 1/4" x 1/8" | 25 | ± 0,5 | 5 | 15 | 15 | 10* | 100 | 2,05 |
| 245308184 | 10 | 6 | 3/8" x 1/8" | 24,5 | ± 0,5 | 4,5 | 17 | 17 | 10* | 100 | 2,43 |
| 245308144 | 10 | 8 | 3/8" x 1/4" | 28 | ± 0,5 | 6 | 19 | 18 | 10 | 200* | 1,48 |
| 245102184 | 15 | 6 | 1/2" x 1/8" | 27 | ± 0,5 | 5 | 22 | 32 | 10* | 100 | 3,13 |
| 245102144 | 15 | 8 | 1/2" x 1/4" | 34 | ± 0,5 | 6,5 | 22 | 35 | 10 | 200* | 2,10 |
| 245102384 | 15 | 10 | 1/2" x 3/8" | 34 | ± 0,5 | 6,5 | 22 | 35 | 10 | 100* | 1,61 |
| 245304144 | 20 | 8 | 3/4" x 1/4" | 31 | ± 1 | 7,5 | 27 | 52 | 10* | 100 | 3,86 |
| 245304384 | 20 | 10 | 3/4" x 3/8" | 34 | ± 1 | 7 | 27 | 57 | 10* | 100 | 3,18 |
| 245304124 | 20 | 15 | 3/4" x 1/2" | 34 | ± 1 | 7 | 27 | 58 | 10 | 100* | 2,90 |
| 245100124 | 25 | 15 | 1" x 1/2" | 34,5 | ± 1 | 6,5 | 34 | 92 | 10* | 100 | 5,51 |
| 245100344 | 25 | 20 | 1" x 3/4" | 34,5 | ± 1 | 6,5 | 34 | 91 | 10 | 50* | 5,32 |
| 245114104 | 32 | 25 | 1"1/4 x 1" | 38 | ± 1 | 7 | 42 | 133 | 5 | 25* | 21,86 |
| 245112144 | 40 | 32 | 1"1/2 x 1"1/4 | 41 | ± 1 | 7 | 50 | 175 | 5* | 25 | 37,73 |
| 245200104 | 50 | 25 | 2" x 1" | 41 | ± 1 | 8 | 60 | 335 | 5* | 25 | 57,07 |
| 245200144 | 50 | 32 | 2" x 1"1/4 | 41 | ± 1 | 5 | 60 | 220 | 5* | 25 | 55,83 |
| 245200124 | 50 | 40 | 2" x 1"1/2 | 43 | ± 1 | 7 | 60 | 250 | 5* | 25 | 55,83 |

[*] unità minima di vendita / minimum selling quantity



246/A

R 10 14

MANICOTTO RIDOTTO FM (PROLUNGA RIDOTTA) MM 15 ZINCATI

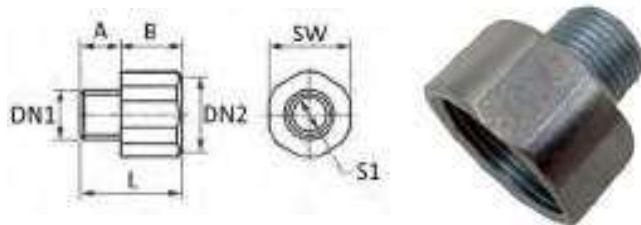
- GALVANIZED F/M REDUCING SOCKET
- REDUZIERMUFFE I/A VERZINKT
- MANCHON REDUIT FM DE PROLONGEMENT GALVANISÉ
- MANGUITO UNION REDUCIDO HM GALVANIZADO

THREAD: ISO 228/1 [ex DIN 259]

| CODE | DN1 | DN2 | DN1 inch | DN2 inch | L mm | A mm | B mm | S1 mm | SW mm | | | | € |
|-----------|-----|-----|-------------|-------------|---------|---------|---------|----------|----------|-----|-----|-----|------|
| 246381201 | 10 | 15 | 3/8" | 1/2" | 26,5 | 11,5 | 15 | 15 | 24 | 41 | 10* | 100 | 2,54 |
| 246123401 | 15 | 20 | 1/2" | 3/4" | 27,5 | 12,5 | 15 | 19 | 30 | 68 | 10* | 100 | 3,45 |
| 246341100 | 20 | 10 | 3/4" | 1" | 29 | 14 | 15 | 24,5 | 38 | 108 | 10* | 100 | 5,84 |

[*] unità minima di vendita / minimum selling quantity

R 1014



246

MANICOTTO RIDOTTO MF (PROLUNGA RIDOTTA) ZINCATO

- GALVANIZED M/F REDUCING SOCKET
- REDUZIERMUFFE A/I VERZINKT
- MANCHON REDUIT MF DE PROLONGEMENT GALVANISÉ
- MANGUITO UNION REDUCIDO MH GALVANIZADO

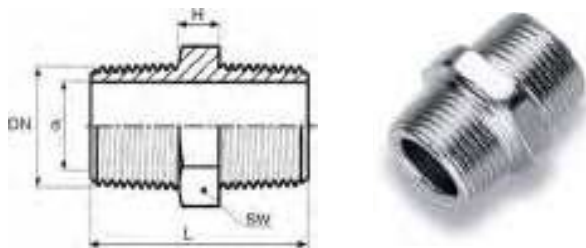
THREAD: ISO 228/1 (ex DIN 259)

| CODE | DN1 | DN2 | DN1 inch | DN2 inch | L mm | A mm | B mm | S1 mm | SW mm | | | € | |
|-----------|-----|-----|----------|----------|------|------|------|-------|-------|-----|-----|------|-------|
| 246104108 | 6 | 8 | 1/8" | 1/4" | 24 | 10 | 14 | 5 | 17 | 17 | 10* | 100 | 2,36 |
| 246104308 | 8 | 10 | 1/4" | 3/8" | 22 | 10 | 12 | 8 | 20 | 22 | 10 | 100* | 1,77 |
| 246308102 | 10 | 15 | 3/8" | 1/2" | 25 | 10 | 15 | 9** | 25 | 30 | 10 | 200* | 1,52 |
| 246308304 | 10 | 20 | 3/8" | 3/4" | 28 | 13 | 15 | 9 | 30 | 45 | 10* | 200 | 3,55 |
| 246102304 | 15 | 20 | 1/2" | 3/4" | 26 | 11 | 15 | 12** | 30 | 39 | 10 | 100* | 2,54 |
| 246102100 | 15 | 25 | 1/2" | 1" | 25 | 10 | 15 | 12 | 38 | 71 | 10* | 100 | 6,72 |
| 246304100 | 20 | 25 | 3/4" | 1" | 29,5 | 14,5 | 15 | 17 | 38 | 78 | 10 | 100* | 4,41 |
| 246100114 | 25 | 32 | 1" | 1 1/4" | 34 | 15 | 19 | 24 | 46 | 165 | 10* | 50 | 14,42 |

(*) unità minima di vendita / minimum selling quantity

(**) foro esagonale / hexagonal hole

R 1014



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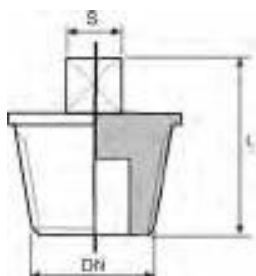
VITE DOPPIA ZINCATO

- GALVANIZED HEXAGON NIPPLE
- 6-KANT DOPPELNIPPEL VERZINKT
- MAMELON DOUBLE GALVANISÉ
- MACHÓN DOBLE GALVANIZADO

TYPE: International Nr. 34
 NORM: UNI / DIN EN 10241 (ex DIN 2982)
 THREAD: EN 10226-1 (ex ISO 7/1)

| CODE | DN | DN inch | L mm | SW mm | H mm | d mm | | | € | |
|-----------|----|---------|------|-------|------|------|-----|-----|------|-------|
| 280108004 | 6 | 1/8" | 25 | 15 | 5 | 6 | 11 | 10* | 100 | 2,12 |
| 280104004 | 8 | 1/4" | 24 | 14 | 4,5 | 7 | 17 | 10 | 200* | 1,31 |
| 280308004 | 10 | 3/8" | 28 | 20 | 5 | 10 | 25 | 10 | 200* | 1,33 |
| 280102004 | 15 | 1/2" | 33,5 | 22 | 5,5 | 12 | 41 | 10 | 100* | 1,58 |
| 280304004 | 20 | 3/4" | 40 | 32 | 6 | 19 | 70 | 10 | 50* | 2,05 |
| 280100004 | 25 | 1" | 34,5 | 34 | 6,5 | 24 | 117 | 10 | 50* | 4,43 |
| 280114004 | 32 | 1 1/4" | 37 | 42 | 7 | 32 | 154 | 10* | 50 | 10,90 |
| 280112004 | 40 | 1 1/2" | 43 | 50 | 7 | 39 | 205 | 5* | 25 | 35,18 |
| 280200004 | 50 | 2" | 42,5 | 60 | 8,5 | 48,5 | 327 | 5* | 25 | 54,37 |

(*) unità minima di vendita / minimum selling quantity

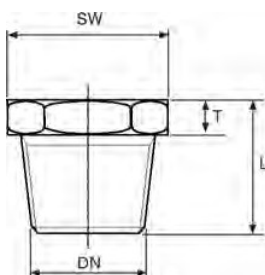
**290****R 10 14****TAPPO MASCHIO CON BORDO, TESTA QUADRA ZINCATO**

- GALVANIZED BEADED PLUG
- 4-KANT STOPFEN MIT RAND VERZINKT
- BOUCHON MALE AVEC BOURRELET À TÊTE CARRÉ GALVANISÉ
- TAPÓN MACHO CON REBORDE GALVANIZADO

NORM: UNI / DIN EN 10241 (ex DIN 2982)**THREAD:** EN 10226-1 (ex ISO 7/1)

| CODE | DN | DN inch | S mm | L mm | | | | € |
|-----------|----|------------|---------|---------|-----|----|------|------|
| 290108001 | 6 | 1/8" | 7 | 14 | 7 | 10 | 100* | 1,07 |
| 290104001 | 8 | 1/4" | 9 | 18 | 14 | 10 | 100* | 1,07 |
| 290308001 | 10 | 3/8" | 10 | 20 | 23 | 10 | 200* | 1,20 |
| 290102001 | 15 | 1/2" | 12 | 24 | 40 | 10 | 200* | 1,20 |
| 290304001 | 20 | 3/4" | 17 | 27 | 74 | 10 | 100* | 1,89 |
| 290100001 | 25 | 1" | 19 | 33 | 145 | 10 | 100* | 3,01 |

[*] unità minima di vendita / minimum selling quantity

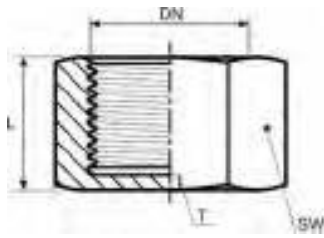
**292****R 10 14****TAPPO MASCHIO TESTA ESAGONALE ZINCATO**

- GALVANIZED HEXAGONAL PLUG
- 6-KANT STOPFEN VERZINKT
- BOUCHON MALE HEXAGONAL GALVANISÉ
- TAPÓN MACHO HEXAGONAL GALVANIZADO

NORM: UNI / DIN EN 10241 (ex DIN 2982)**THREAD:** EN 10226-1 (ex ISO 7/1)

| CODE | DN | DN inch | T mm | SW mm | L mm | | | | € |
|-----------|----|------------|---------|----------|---------|-----|----|------|-------|
| 292104001 | 8 | 1/4" | 4,5 | 14 | 15 | 10 | 10 | 200* | 0,93 |
| 292308001 | 10 | 3/8" | 5 | 19 | 17 | 23 | 10 | 200* | 0,93 |
| 292102001 | 15 | 1/2" | 6 | 22 | 20 | 30 | 10 | 200* | 1,05 |
| 292304001 | 20 | 3/4" | 6 | 30 | 24 | 74 | 10 | 100* | 1,69 |
| 292100001 | 25 | 1" | 8 | 36 | 26 | 146 | 10 | 100* | 3,98 |
| 292114001 | 32 | 1 1/4" | 7 | 41 | 23 | 127 | 5* | 50 | 9,36 |
| 292112001 | 40 | 1 1/2" | 7,5 | 50 | 25 | 207 | 5* | 50 | 25,88 |
| 292200001 | 50 | 2" | 7,5 | 60 | 25 | 312 | 5* | 25 | 40,51 |

[*] unità minima di vendita / minimum selling quantity

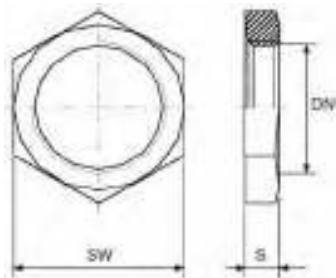
**300****R 1014****CALOTTA ESAGONALE ZINCATA**

- GALVANIZED HEXAGONAL CAP
- 6-KANT KAPPE VERZINKT
- BOUCHON FEMELLE HEXAGONAL GALVANISÉ
- TAPÓN HEMBRA HEXAGONAL GALVANIZADO

TYPE: International Nr. 19
NORM: UNI / DIN EN 10241 (ex DIN 2982)
THREAD: EN 10226-1 (ex ISO 7/1)

| CODE | DN | DN inch | T mm | SW mm | L mm | | | | € |
|-----------|----|------------|---------|----------|---------|-----|-----|------|-------|
| 300104004 | 8 | 1/4" | 3,5 | 17 | 15 | 18 | 10 | 200* | 1,66 |
| 300308004 | 10 | 3/8" | 3,5 | 21 | 17 | 30 | 10 | 200* | 1,19 |
| 300102004 | 15 | 1/2" | 4 | 25 | 19 | 40 | 10 | 200* | 1,24 |
| 300304004 | 20 | 3/4" | 4,5 | 30 | 19 | 55 | 10 | 100* | 1,72 |
| 300100004 | 25 | 1" | 5 | 37 | 22 | 100 | 10* | 100 | 6,36 |
| 300114004 | 32 | 1"1/4 | 5,5 | 50 | 22,5 | 200 | 5* | 50 | 25,99 |
| 300112004 | 40 | 1"1/2 | 6,5 | 60 | 22,5 | 320 | 5* | 50 | 50,70 |

[*] unità minima di vendita / minimum selling quantity

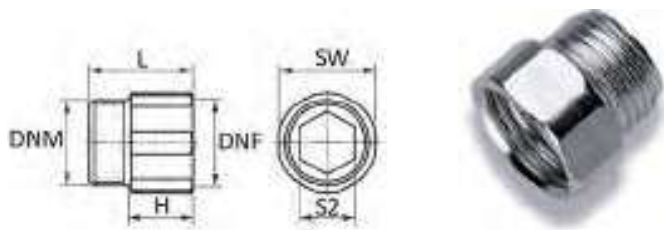
**310****R 1014****GHIERA ESAGONALE ZINCATA**

- GALVANIZED BACKNUT
- 6-KANT GEGENMÜTTER VERZINKT
- CONTRE ECROU GALVANISÉ
- TUERCA HEXAGONAL GALVANIZADO

TYPE: International Nr. 21
NORM: UNI / DIN EN 10241 (ex DIN 2982)
THREAD: ISO 228/1 (ex DIN 259)

| CODE | DN | DN inch | S mm | SW mm | | | | € |
|-----------|----|------------|---------|----------|----|-----|------|------|
| 310108001 | 6 | 1/8" | 5 | 17 | 6 | 10* | 100 | 1,90 |
| 310104001 | 8 | 1/4" | 5 | 19 | 7 | 10* | 200 | 1,45 |
| 310308001 | 10 | 3/8" | 7,5 | 22 | 11 | 10 | 200* | 1,87 |
| 310102001 | 15 | 1/2" | 8 | 27 | 17 | 10 | 200* | 2,94 |
| 310304001 | 20 | 3/4" | 9 | 34 | 33 | 10 | 150* | 4,03 |
| 310100001 | 25 | 1" | 10 | 41 | 49 | 10* | 150 | 6,73 |

[*] unità minima di vendita / minimum selling quantity



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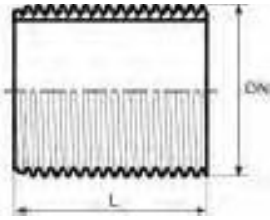
MANICOTTO MF (PROLUNGA) ZINCATO

- GALVANIZED HEXAGONAL NEGATIVE BUSHUNG MF
- MUFFENNIPPEL VERZINKT
- MANCHON DE PROLONGEMENT GALVANISÉ
- MANGUITO MH GALVANIZADO

THREAD: ISO 228/1 (ex DIN 259)




| CODE | DN | DN inch | H mm | L mm | SW mm | S2 mm | | | | € |
|-----------|----|------------|---------|---------|----------|----------|-----|-----|------|-------|
| 529308100 | 10 | 3/8" | 10 | 18 | 20 | 9 | 19 | 10 | 200* | 0,98 |
| 529308150 | | | 15 | 23 | 20 | 9 | 21 | 10 | 200* | 1,05 |
| 529308200 | | | 20 | 28 | 20 | 9 | 28 | 10 | 200* | 1,23 |
| 529308250 | | | 25 | 33 | 20 | 9 | 33 | 10* | 200 | 1,69 |
| 529308300 | | | 30 | 40 | 20 | 9 | 35 | 10* | 200 | 1,84 |
| 529308350 | | | 35 | 45 | 20 | 9 | 42 | 10* | 100 | 4,32 |
| 529308400 | | | 40 | 50 | 20 | 9 | 47 | 10* | 100 | 3,58 |
| 529308500 | | | 50 | 60 | 20 | 9 | 57 | 10* | 50 | 4,08 |
| 529102100 | 15 | 1/2" | 10 | 22,5 | 24 | 10 | 28 | 10 | 200* | 0,90 |
| 529102150 | | | 15 | 25,5 | 24 | 10 | 30 | 10 | 200* | 0,92 |
| 529102200 | | | 20 | 30,5 | 24 | 10 | 38 | 10 | 150* | 1,10 |
| 529102250 | | | 25 | 35,5 | 24 | 12 | 45 | 10 | 100* | 1,53 |
| 529102300 | | | 30 | 40,5 | 24 | 12 | 53 | 10 | 100* | 1,74 |
| 529102350 | | | 35 | 46,5 | 24 | 12 | 53 | 10* | 100 | 3,47 |
| 529102400 | | | 40 | 51,5 | 24 | 12 | 61 | 10 | 100* | 3,50 |
| 529102500 | | | 50 | 61,5 | 24 | 12 | 72 | 10 | 100* | 3,97 |
| 529304100 | 20 | 3/4" | 10 | 22,5 | 30 | 17 | 38 | 10 | 100* | 1,92 |
| 529304150 | | | 15 | 25,5 | 30 | 17 | 44 | 10 | 100* | 2,13 |
| 529304200 | | | 20 | 30,5 | 30 | 17 | 56 | 10 | 100* | 2,35 |
| 529304250 | | | 25 | 37,5 | 30 | 17 | 60 | 10* | 100 | 3,31 |
| 529304300 | | | 30 | 42,5 | 30 | 17 | 69 | 10 | 100* | 3,59 |
| 529304350 | | | 35 | 47,5 | 30 | 17 | 75 | 10* | 50 | 7,35 |
| 529304400 | | | 40 | 52,5 | 30 | 17 | 84 | 10* | 50 | 6,02 |
| 529304500 | | | 50 | 62,5 | 30 | 17 | 99 | 10* | 50 | 6,77 |
| 529100150 | 25 | 1" | 15 | 30 | 38 | 19 | 93 | 10* | 50 | 5,06 |
| 529100200 | | | 20 | 35 | 38 | 19 | 107 | 5* | 50 | 6,02 |
| 529100250 | | | 25 | 40 | 38 | 19 | 125 | 5* | 50 | 7,12 |
| 529100300 | | | 30 | 45 | 38 | 19 | 138 | 5* | 50 | 7,82 |
| 529100400 | | | 40 | 55 | 38 | 19 | 173 | 5* | 25 | 9,81 |
| 529100500 | | | 50 | 65 | 38 | 19 | 198 | 5* | 25 | 10,70 |

[*] unità minima di vendita / minimum selling quantity

**531****R 1014****NIPPO SEMPLICE ZINCATO**

- GALVANIZED PARALLEL NIPPLE
- GEWINDENIPPEL VERZINKT
- MAMELON SIMPLE GALVANISÉ
- MANGUITO INTERIOR GALVANIZADO

TYPE: International Nr. 22
THREAD: ISO 228/1 (ex DIN 259)

| CODE | DN | DN inch | L mm |  |  |  | € |
|-----------|----|------------|---------|---|---|---|-------|
| 531104004 | 8 | 1/4" | 19,5 | 10 | 10* | 100 | 2,06 |
| 531308004 | 10 | 3/8" | 22 | 20 | 10* | 200 | 1,30 |
| 531102004 | 15 | 1/2" | 25 | 30 | 10 | 200* | 1,35 |
| 531304004 | 20 | 3/4" | 30 | 60 | 10 | 100* | 2,13 |
| 531100004 | 25 | 1" | 35 | 105 | 10 | 100* | 3,33 |
| 531114004 | 32 | 1"1/4 | 38 | 95 | 5* | 50 | 6,89 |
| 531112004 | 40 | 1"1/2 | 38 | 145 | 5* | 50 | 8,32 |
| 531200004 | 50 | 2" | 45 | 200 | 5* | 20 | 12,18 |

[*] unità minima di vendita / minimum selling quantity

ACCOPIAMENTO A TENUTA SUL FILETTO

Norma EN 10226-1 (ex ISO 7/1)

Filettatura gas:

maschio conico [designazione R]

femmina cilindrica [designazione Rp]

COUPLING WITH SEAL ON THE THREAD

EN 10226-1 (ex ISO 7/1) standard

Gas thread:

conical male [designation R]

cylindrical female [designation Rp]

ACCOPIAMENTO CON GUARNIZIONE PIATTA (NON A TENUTA SUL FILETTO)

Norma ISO 228

Filettatura gas:

maschio cilindrico [designazione G (A o B)

A o B = classi di tolleranza]

femmina cilindrica [designazione G]

COUPLING WITH FLAT GASKET (NOT HOLDING THE THREAD)

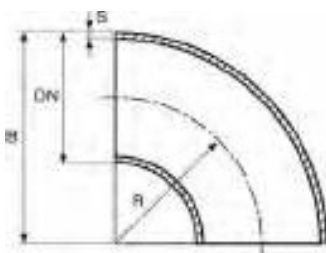
ISO 228 standard

Gas thread:

cylindrical male [designation G (A or B)

A or B = tolerance classes]

cylindrical female [designation G]



700

R 20 21

CURVA DIMA 3D 90° DA TUBO SALDATO

- WELDED ELBOW 3D 90°
- ROHRBOGEN GESCHWEISST BA3 90°
- COURBE 3D 90° SOUDÉ
- CODO 3D 90°

MATERIAL: P235TR2 - S235 (R.St.37.0)
NORM: EN 10253-1 (DIN 2605)

| CODE | DN | DN inch | DN mm | S mm | R mm | B mm | kg | Box | Stack | € |
|------------|-----|------------|----------|---------|---------|---------|------|-----|-------|--------|
| 700269000 | 20 | 3/4" | 26,9 | 2,3 | 29 | 43 | 0,08 | 100 | 9600 | 4,65 |
| 700300000* | - | - | 30 | 2,6 | 33,5 | 48 | 0,08 | 100 | 5600 | 5,66 |
| 700337000 | 25 | 1" | 33,7 | 2,6 | 38 | 56 | 0,11 | 80 | 4480 | 3,69 |
| 700380000 | - | - | 38 | 2,6 | 45 | 64 | 0,13 | 100 | 3600 | 6,87 |
| 700424000 | 32 | 1"1/4 | 42,4 | 2,6 | 48 | 70 | 0,18 | 100 | 3600 | 4,68 |
| 700445000 | - | - | 44,5 | 2,6 | 51 | 73 | 0,22 | 50 | 1800 | 7,86 |
| 700483000 | 40 | 1"1/2 | 48,3 | 2,6 | 57 | 83 | 0,26 | 50 | 1800 | 5,65 |
| 700510000* | - | - | 51 | 2,6 | 63,5 | 88 | 0,36 | 40 | 1440 | 12,33 |
| 700540000 | - | - | 54 | 2,6 | 68,5 | 95 | 0,41 | 40 | 1440 | 12,56 |
| 700570000 | - | - | 57 | 2,9 | 72 | 100 | 0,43 | 25 | 900 | 12,76 |
| 700603000 | 50 | 2" | 60,3 | 2,9 | 76 | 106 | 0,48 | 25 | 900 | 9,18 |
| 700700000 | - | - | 70 | 2,9 | 92 | 127 | 0,69 | 10 | 720 | 15,76 |
| 700761000 | 65 | 2"1/2 | 76,1 | 2,9 | 95 | 132 | 0,73 | 5 | 660 | 14,68 |
| 700889000 | 80 | 3" | 88,9 | 3,2 | 114 | 159 | 1,16 | 5 | 350 | 20,85 |
| 700101000 | - | 3"1/2 | 101,6 | 3,6 | 133 | 184 | 1,68 | 4 | 192 | 29,25 |
| 700108000 | - | - | 108 | 3,6 | 142,5 | 196 | 1,83 | 4 | 192 | 37,25 |
| 700114000 | 100 | 4" | 114,3 | 3,6 | 152 | 210 | 2,37 | 4 | 192 | 40,81 |
| 700133000 | - | - | 133 | 4 | 181 | 247 | 3,59 | 1 | 90 | 67,31 |
| 700139000 | 125 | 5" | 139,7 | 4 | 190 | 262 | 3,87 | 1 | 84 | 68,44 |
| 700159000 | - | - | 159 | 4,5 | 216 | 295 | 5,92 | 1 | 60 | 105,05 |
| 700168000 | 150 | 6" | 168,3 | 4,5 | 229 | 313 | 6,32 | 1 | 60 | 110,74 |
| 700193000 | 175 | - | 193,7 | 5,6 | 270 | 367 | 11 | 1 | 24 | 211,03 |
| 700219000 | 200 | 8" | 219,1 | 6,3 | 305 | 414 | 14 | 1 | 24 | 250,05 |
| 700244000 | - | - | 244,5 | 6,3 | 340 | 462 | 19 | 1 | 12 | 501,13 |
| 700273000 | 250 | 10" | 273 | 6,3 | 381 | 518 | 23 | 1 | 9 | 535,23 |
| 700323000 | 300 | 12" | 323,9 | 7,1 | 457 | 619 | 37,5 | 1 | 9 | 802,42 |

Tolleranze dimensionali / Dimensional tolerances

D = ± 1% D MIN ± 0,5 mm

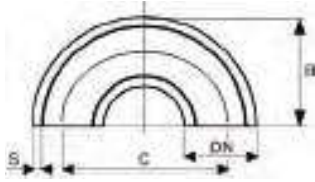
S = S ≤ 4 mm [-12,5% x S / +20% x S] S > 4 mm [-12,5% x S / +15% x S]

R = ± 2 mm ≤ DN 200 ± 3 mm DN 250 - 300

B = ± 7 mm

[*] Dimensioni non previste nella norma EN 10253-1 - Sizes not provided in EN 10253-1

R 20 21



770

CURVA DIMA 3D 180° DA TUBO SALDATO

- WELDED ELBOW 3D 180°
- ROHRBOGEN GESCHWEISST BA3 180°
- COURBE 3D 180° SOUDÉ
- CODO 3D 180°

MATERIAL: P235TR2 - S235 (R.St.37.0)
NORM: EN 10253-1 (DIN 2605)

| CODE | DN | DN inch | DN mm | S mm | B mm | C mm | kg | Box | € |
|------------|-----|------------|----------|---------|---------|---------|------|-----|--------|
| 774213000 | 15 | 1/2" | 21,3 | 2 | 38 | 56 | 0,08 | 50 | 11,81 |
| 770269000 | 20 | 3/4" | 26,9 | 2,3 | 43 | 57 | 0,14 | 40 | 12,84 |
| 770337000 | 25 | 1" | 33,7 | 2,6 | 56 | 76 | 0,24 | 40 | 12,06 |
| 770424000 | 32 | 1 1/4" | 42,4 | 2,6 | 70 | 95 | 0,35 | 20 | 14,38 |
| 770483000 | 40 | 1 1/2" | 48,3 | 2,6 | 83 | 114 | 0,51 | 25 | 18,85 |
| 770510000* | - | - | 51 | 2,6 | 88 | 127 | 0,71 | 5 | 32,43 |
| 770540000 | - | - | 54 | 2,6 | 95 | 137 | 0,82 | 5 | 32,45 |
| 770570000 | - | - | 57 | 2,9 | 100 | 144 | 0,87 | 5 | 32,15 |
| 770603000 | 50 | 2" | 60,3 | 2,9 | 106 | 152 | 0,97 | 5 | 30,35 |
| 770700000 | - | - | 70 | 2,9 | 127 | 184 | 1,39 | 4 | 46,96 |
| 770761000 | 65 | 2 1/2" | 76,1 | 2,9 | 132 | 191 | 1,58 | 4 | 48,24 |
| 770889000 | 80 | 3" | 88,9 | 3,2 | 159 | 229 | 2,33 | 3 | 72,70 |
| 770101000 | - | 3 1/2" | 101,6 | 3,6 | 184 | 267 | 3,74 | 3 | 99,15 |
| 770108000 | - | - | 108 | 3,6 | 196 | 285 | 3,85 | 3 | 125,08 |
| 770114000 | 100 | 4" | 114,3 | 3,6 | 210 | 305 | 4,46 | 3 | 140,23 |

Tolleranze dimensionali / Dimensional tolerances

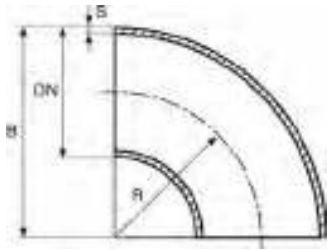
D = ± 1% D MIN ± 0,5 mm

S = S ≤ 4 mm [-12,5% x S / +20% x S]

B = ± 7 mm

C = ± 7 mm

(*) Dimensione non prevista nella norma EN 10253-1 - Size not provided in EN 10253-1



704

CURVA DIMA 3D 90° DA TUBO SENZA SALDATURA

- SEAMLESS ELBOW 3D 90°
- NAHTLOSE ROHRBÖGEN BA3 90°
- COURBE 3D 90° DE TUBE SANS SOUDURE
- CODO PARA SOLDAR 3D 90° (DE TUBO SIN SOLDATURA)

MATERIAL: P235TR2 - S235 (R.St.37.0)
NORM: EN 10253-1 (DIN 2605)

| CODE | DN | DN inch | DN mm | S mm | R mm | B mm | kg | | | € |
|------------|-----|------------|----------|---------|---------|---------|--------|-----|------|-----------|
| 704172000* | 10 | 3/8" | 17,2 | 2 | 19 | 28 | 0,04 | 100 | - | 10,76 |
| 704213000 | 15 | 1/2" | 21,3 | 2 | 29 | 38 | 0,04 | 100 | 9600 | 5,45 |
| 704269000 | 20 | 3/4" | 26,9 | 2,3 | 29 | 43 | 0,06 | 100 | 9600 | 5,45 |
| 704337000 | 25 | 1" | 33,7 | 2,6 | 38 | 56 | 0,11 | 80 | 4480 | 4,33 |
| 704424000 | 32 | 1 1/4" | 42,4 | 2,6 | 48 | 70 | 0,19 | 100 | 3600 | 5,48 |
| 704483000 | 40 | 1 1/2" | 48,3 | 2,6 | 57 | 83 | 0,26 | 50 | 1800 | 6,64 |
| 704570000 | - | - | 57 | 2,9 | 72 | 100 | 0,44 | 25 | 900 | 14,95 |
| 704603000 | 50 | 2" | 60,3 | 2,9 | 76 | 106 | 0,49 | 25 | 900 | 10,75 |
| 704700000 | - | - | 70 | 2,9 | 92 | 127 | 0,7 | 10 | 720 | 18,44 |
| 704761000 | 65 | 2 1/2" | 76,1 | 2,9 | 95 | 132 | 0,78 | 5 | 660 | 17,22 |
| 704889000 | 80 | 3" | 88,9 | 3,2 | 114 | 159 | 1,22 | 5 | 350 | 25,18 |
| 704101000 | - | 3 1/2" | 101,6 | 3,6 | 133 | 184 | 1,82 | 4 | 192 | 37,23 |
| 704108000 | - | - | 108 | 3,6 | 142,5 | 196 | 2,07 | 4 | 192 | 43,66 |
| 704114000 | 100 | 4" | 114,3 | 3,6 | 152 | 210 | 2,35 | 4 | 192 | 47,84 |
| 704133000 | - | - | 133 | 4 | 181 | 247 | 3,62 | 1 | 90 | 78,88 |
| 704139000 | 125 | 5" | 139,7 | 4 | 190 | 262 | 4 | 1 | 84 | 80,20 |
| 704159000 | - | - | 159 | 4,5 | 216 | 295 | 5,82 | 1 | 60 | 123,12 |
| 704168000 | 150 | 6" | 168,3 | 4,5 | 229 | 313 | 6,52 | 1 | 60 | 129,77 |
| 704193000 | 175 | - | 193,7 | 5,6 | 270 | 367 | 11,02 | 1 | 24 | 247,29 |
| 704219000 | 200 | 8" | 219,1 | 6,3 | 305 | 414 | 15,96 | 1 | 24 | 331,24 |
| 704244000 | - | - | 244,5 | 6,3 | 340 | 462 | 19,77 | 1 | 12 | 663,89 |
| 704273000 | 250 | 10" | 273 | 6,3 | 381 | 518 | 24,8 | 1 | 9 | 709,05 |
| 704323000 | 300 | 12" | 323,9 | 7,1 | 457 | 619 | 39,82 | 1 | 9 | 1063,03 |
| 704355000 | 350 | 14" | 355,6 | 8 | 533 | 711 | 57,47 | 1 | - | on demand |
| 704406000 | 400 | 16" | 406 | 8,8 | 610 | 813 | 82,6 | 1 | - | on demand |
| 704508000* | 500 | 20" | 508 | 11 | 762 | 1016 | 161 | 1 | - | on demand |
| 704609000* | 600 | 24" | 609 | 12,5 | 914 | 1219 | 271,38 | 1 | - | on demand |

Tolleranze dimensionali / Dimensional tolerances

D = ± 1% D MIN ± 0,5 mm

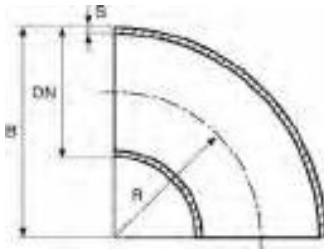
S = S ≤ 4 mm [-12,5% x S / +20% x S] S > 4 mm [-12,5% x S / +15% x S]

R = ± 2 mm ≤ DN 200 ± 3 mm > DN 200 ≤ DN 400 ± 14,5 mm DN 500 - 600

B = ± 7 mm ≤ DN 400 ± 6 mm DN 500 - 600

[*] Dimensioni non previste nella norma EN 10253-1 - Sizes not provided in EN 10253-1

R 20 25



740

CURVA DIMA 5D 90° DA TUBO SENZA SALDATURA

- SEAMLESS ELBOW 5D 90°
- NAHTLOSE ROHRBÜGEN BA5 90°
- COURBE 5D 90° DE TUBE SANS SOUDURE
- CODO PARA SOLDAR 5D 90° (DE TUBO SINSOLDATURA)

MATERIAL: P235TR2 - S235 (R.St.37.0)
NORM: EN 10253-1 (DIN 2605)

| CODE | DN | DN inch | DN mm | S mm | R mm | B mm | kg | Box | € |
|-----------|-----|------------|----------|---------|---------|---------|-------|-----|---------|
| 740213000 | 15 | 1/2" | 21,3 | 2 | 42,5 | 53 | 0,08 | 50 | 9,85 |
| 740269000 | 20 | 3/4" | 26,9 | 2,3 | 57,5 | 71 | 0,13 | 40 | 9,85 |
| 740337000 | 25 | 1" | 33,7 | 2,6 | 72,5 | 89 | 0,2 | 30 | 10,81 |
| 740424000 | 32 | 1"1/4 | 42,4 | 2,6 | 92,5 | 114 | 0,37 | 20 | 12,16 |
| 740483000 | 40 | 1"1/2 | 48,3 | 2,6 | 107,5 | 132 | 0,5 | 25 | 15,07 |
| 740603000 | 50 | 2" | 60,3 | 2,9 | 135 | 165 | 0,89 | 15 | 22,28 |
| 740761000 | 65 | 2"1/2 | 76,1 | 2,9 | 175 | 213 | 1,44 | 5 | 31,19 |
| 740889000 | 80 | 3" | 88,9 | 3,2 | 205 | 250 | 2,22 | 5 | 45,50 |
| 740101000 | - | 3"1/2 | 101,6 | 3,6 | 235 | 286 | 3,21 | 3 | 118,90 |
| 740108000 | - | - | 108 | 3,6 | 253 | 307 | 3,68 | 3 | 118,64 |
| 740114000 | 100 | 4" | 114,3 | 3,6 | 270 | 327 | 4,17 | 1 | 88,48 |
| 740133000 | - | - | 133 | 4 | 311,5 | 378 | 6,23 | 1 | 329,86 |
| 740139000 | 125 | 5" | 139,7 | 4 | 330 | 400 | 6,94 | 1 | 348,18 |
| 740159000 | - | - | 159 | 4,5 | 375 | 454 | 10,1 | 1 | 447,66 |
| 740168000 | 150 | 6" | 168,3 | 4,5 | 390 | 474 | 11,14 | 1 | 449,83 |
| 740219000 | 200 | 8" | 219,1 | 6,3 | 510 | 620 | 26,75 | 1 | 1107,32 |
| 740273000 | 250 | 10" | 273 | 6,3 | 650 | 787 | 42,8 | 1 | 2227,44 |
| 740323000 | 300 | 12" | 323,9 | 7,1 | 775 | 937 | 70 | 1 | 3563,25 |

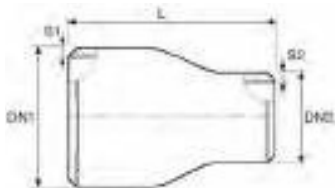
Tolleranze dimensionali / Dimensional tolerances

D = ± 1% D MIN ± 0,5 mm

S = S ≤ 4 mm [-12,5% x S / +20% x S] S > 4 mm [-12,5% x S / +15% x S]

R = ± 2 mm ≤ DN 200 ± 3 mm DN 250 - 300

B = ± 7 mm



276

RIDUZIONE CONCENTRICA DA TUBO
SENZA SALDATURA

- SEAMLESS CONCENTRIC REDUCTION
- NAHTLOSE REDUZIERSTÜCK KONZENTRISCH
- RÉDUCTION CONCENTRIQUE SANS SOUDURE
- REDUCCIÓN CONCÉNTRICA SIN SOLDADURA

MATERIAL: P235GH (R.St.35.8/l)

NORM: EN 10253-2 (DIN 2616 serie 3)

| CODE | DN1 | DN2 | DN1 mm | DN2 mm | S1 mm | S2 mm | L mm | kg | Box | € |
|-----------|-----|-----|-----------|-----------|----------|----------|---------|------|-----|--------|
| 276337269 | 25 | 20 | 33,7 | 26,9 | 2,6 | 2,3 | 50 | 0,10 | 20 | 8,91 |
| 276424269 | 32 | 20 | 42,4 | 26,9 | 2,6 | 2,3 | 50 | 0,14 | 20 | 9,67 |
| 276424337 | 32 | 25 | 42,4 | 33,7 | 2,6 | 2,6 | 50 | 0,13 | 20 | 8,81 |
| 276483269 | 40 | 20 | 48,3 | 26,9 | 2,6 | 2,3 | 64 | 0,20 | 20 | 13,02 |
| 276483337 | 40 | 25 | 48,3 | 33,7 | 2,6 | 2,6 | 64 | 0,17 | 20 | 10,67 |
| 276483424 | 40 | 32 | 48,3 | 42,4 | 2,6 | 2,6 | 64 | 0,17 | 20 | 9,15 |
| 276603337 | 50 | 25 | 60,3 | 33,7 | 2,9 | 2,6 | 76 | 0,30 | 20 | 13,48 |
| 276603424 | 50 | 32 | 60,3 | 42,4 | 2,9 | 2,6 | 76 | 0,29 | 20 | 11,70 |
| 276603483 | 50 | 40 | 60,3 | 48,3 | 2,9 | 2,6 | 76 | 0,30 | 20 | 10,24 |
| 276700424 | - | 32 | 70 | 42,4 | 2,9 | 2,6 | 90 | 0,36 | 10 | 19,28 |
| 276700483 | - | 40 | 70 | 48,3 | 2,9 | 2,6 | 90 | 0,35 | 10 | 16,75 |
| 276700603 | - | 50 | 70 | 60,3 | 2,9 | 2,9 | 90 | 0,41 | 10 | 14,69 |
| 276761424 | 65 | 32 | 76,1 | 42,4 | 2,9 | 2,6 | 90 | 0,43 | 10 | 15,88 |
| 276761483 | 65 | 40 | 76,1 | 48,3 | 2,9 | 2,6 | 90 | 0,44 | 10 | 14,00 |
| 276761603 | 65 | 50 | 76,1 | 60,3 | 2,9 | 2,9 | 90 | 0,48 | 10 | 12,79 |
| 276889424 | 80 | 32 | 88,9 | 42,4 | 3,2 | 2,6 | 90 | 0,51 | 6 | 33,15 |
| 276889483 | 80 | 40 | 88,9 | 48,3 | 3,2 | 2,6 | 90 | 0,56 | 6 | 23,36 |
| 276889603 | 80 | 50 | 88,9 | 60,3 | 3,2 | 2,9 | 90 | 0,58 | 6 | 18,38 |
| 276889700 | 80 | - | 88,9 | 70 | 3,2 | 2,9 | 90 | 0,57 | 6 | 17,83 |
| 276889761 | 80 | 65 | 88,9 | 76,1 | 3,2 | 2,9 | 90 | 0,67 | 6 | 15,20 |
| 276101603 | - | 50 | 101,6 | 60,3 | 3,6 | 2,9 | 100 | 0,79 | 6 | 43,02 |
| 276101700 | - | - | 101,6 | 70 | 3,6 | 2,9 | 100 | 0,64 | 6 | 49,37 |
| 276101761 | - | 65 | 101,6 | 76,1 | 3,6 | 2,9 | 100 | 0,88 | 6 | 29,17 |
| 276101889 | - | 80 | 101,6 | 88,9 | 3,6 | 3,2 | 100 | 0,88 | 6 | 26,47 |
| 276108603 | - | 50 | 108 | 60,3 | 3,6 | 2,9 | 100 | 0,89 | 6 | 41,74 |
| 276108700 | - | - | 108 | 70 | 3,6 | 2,9 | 100 | 0,95 | 6 | 55,55 |
| 276108761 | - | 65 | 108 | 76,1 | 3,6 | 2,9 | 100 | 0,90 | 6 | 31,72 |
| 276108889 | - | 80 | 108 | 88,9 | 3,6 | 3,2 | 100 | 0,90 | 6 | 26,52 |
| 276114603 | 100 | 50 | 114,3 | 60,3 | 3,6 | 2,9 | 100 | 0,96 | 6 | 42,80 |
| 276114761 | 100 | 65 | 114,3 | 76,1 | 3,6 | 2,9 | 100 | 0,92 | 6 | 33,20 |
| 276114889 | 100 | 80 | 114,3 | 88,9 | 3,6 | 3,2 | 100 | 0,96 | 6 | 28,94 |
| 276114101 | 100 | - | 114,3 | 101,6 | 3,6 | 3,6 | 100 | 0,93 | 6 | 27,71 |
| 276133700 | - | - | 133 | 70 | 4 | 2,9 | 127 | 1,84 | 1 | 117,38 |
| 276133761 | - | 65 | 133 | 76,1 | 4 | 2,9 | 127 | 1,57 | 1 | 76,71 |
| 276133889 | - | 80 | 133 | 88,9 | 4 | 3,2 | 127 | 1,48 | 1 | 56,19 |
| 276133101 | - | - | 133 | 101,6 | 4 | 3,6 | 127 | 1,20 | 1 | 70,41 |
| 276133108 | - | - | 133 | 108 | 4 | 3,6 | 127 | 1,59 | 1 | 50,27 |
| 276133114 | - | 100 | 133 | 114,3 | 4 | 3,6 | 127 | 1,57 | 1 | 50,02 |

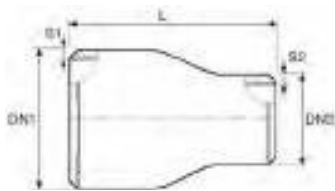
Tolleranze dimensionali / Dimensional tolerances

D = ± 1% D MIN ± 0,5 mm

S1 - S2 = S ≤ 4 mm [-12,5% x S / +20% x S] S > 4 mm [-12,5% x S / +15% x S]

L = ± 2 mm ≤ DN 100 ± 3 mm, > DN 100 ≤ DN 200 ± 3 mm, > DN 200 ± 5 mm

R 20 22

**276****RIDUZIONE CONCENTRICA DA TUBO
SENZA SALDATURA**

- SEAMLESS CONCENTRIC REDUCTION
- NAHTLOSE REDUZIERSTÜCK KONZENTRISCH
- RÉDUCTION CONCENTRIQUE SANS SOUDURE
- REDUCCIÓN CONCÉNTRICA SIN SOLDATURA

MATERIAL: P235GH (R.St.35.8/1)**NORM:** EN 10253-2 (DIN 2616 serie 3)

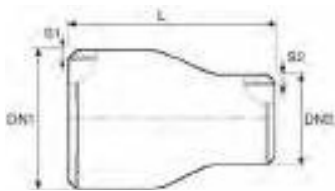
| CODE | DN1 | DN2 | DN1 mm | DN2 mm | S1 mm | S2 mm | L mm | kg | Box | € |
|-----------|-----|-----|-----------|-----------|----------|----------|---------|-------|-----|--------|
| 276139761 | 125 | 65 | 139,7 | 76,1 | 4 | 2,9 | 127 | 1,58 | 1 | 78,69 |
| 276139889 | 125 | 80 | 139,7 | 88,9 | 4 | 3,2 | 127 | 1,62 | 1 | 66,94 |
| 276139101 | 125 | - | 139,7 | 101,6 | 4 | 3,6 | 127 | 1,38 | 1 | 65,02 |
| 276139108 | 125 | - | 139,7 | 108 | 4 | 3,6 | 127 | 1,24 | 1 | 56,27 |
| 276139114 | 125 | 100 | 139,7 | 114,3 | 4 | 3,6 | 127 | 1,73 | 1 | 50,41 |
| 276139133 | 125 | - | 139,7 | 133 | 4 | 4 | 127 | 1,80 | 1 | 47,76 |
| 276159889 | - | 80 | 159 | 88,9 | 4,5 | 3,2 | 140 | 2,30 | 1 | 112,34 |
| 276159101 | - | - | 159 | 101,6 | 4,5 | 3,6 | 140 | 2,28 | 1 | 92,46 |
| 276159108 | - | - | 159 | 108 | 4,5 | 3,6 | 140 | 2,30 | 1 | 79,57 |
| 276159114 | - | 100 | 159 | 114,3 | 4,5 | 3,6 | 140 | 2,21 | 1 | 71,73 |
| 276159133 | - | - | 159 | 133 | 4,5 | 4 | 140 | 2,36 | 1 | 60,41 |
| 276159139 | - | 125 | 159 | 139,7 | 4,5 | 4 | 140 | 2,26 | 1 | 60,47 |
| 276168889 | 150 | 80 | 168,3 | 88,9 | 4,5 | 3,2 | 140 | 2,33 | 1 | 113,54 |
| 276168101 | 150 | - | 168,3 | 101,6 | 4,5 | 3,6 | 140 | 2,41 | 1 | 101,18 |
| 276168108 | 150 | - | 168,3 | 108 | 4,5 | 3,6 | 140 | 2,47 | 1 | 93,06 |
| 276168114 | 150 | 100 | 168,3 | 114,3 | 4,5 | 3,6 | 140 | 2,37 | 1 | 74,39 |
| 276168133 | 150 | - | 168,3 | 133 | 4,5 | 4 | 140 | 2,46 | 1 | 63,98 |
| 276168139 | 150 | 125 | 168,3 | 139,7 | 4,5 | 4 | 140 | 2,4 | 1 | 64,37 |
| 276168159 | 150 | - | 168,3 | 159 | 4,5 | 4,5 | 140 | 2,52 | 1 | 64,86 |
| 276193114 | - | 100 | 193,7 | 114,3 | 5,6 | 3,6 | 152 | 4,45 | 1 | 163,71 |
| 276193133 | - | - | 193,7 | 133 | 5,6 | 4 | 152 | 3,67 | 1 | 152,49 |
| 276193139 | - | 125 | 193,7 | 139,7 | 5,6 | 4 | 152 | 3,09 | 1 | 126,78 |
| 276193159 | - | - | 193,7 | 159 | 5,6 | 4,5 | 152 | 3,93 | 1 | 103,92 |
| 276193168 | - | 150 | 193,7 | 168,3 | 5,6 | 4,5 | 152 | 3,78 | 1 | 99,99 |
| 276219114 | 200 | 100 | 219,1 | 114,3 | 6,3 | 3,6 | 152 | 4,88 | 1 | 185,00 |
| 276219133 | 200 | - | 219,1 | 133 | 6,3 | 4 | 152 | 4,67 | 1 | 142,91 |
| 276219139 | 200 | 125 | 219,1 | 139,7 | 6,3 | 4 | 152 | 4,74 | 1 | 121,68 |
| 276219159 | 200 | - | 219,1 | 159 | 6,3 | 4,5 | 152 | 4,84 | 1 | 117,25 |
| 276219168 | 200 | 150 | 219,1 | 168,3 | 6,3 | 4,5 | 152 | 4,76 | 1 | 118,43 |
| 276244159 | - | - | 244,5 | 159 | 6,3 | 4,5 | 178 | 6,25 | 1 | 234,92 |
| 276244168 | - | 150 | 244,5 | 168,3 | 6,3 | 4,5 | 178 | 5,47 | 1 | 208,16 |
| 276244219 | - | 200 | 244,5 | 219,1 | 6,3 | 6,3 | 178 | 3,04 | 1 | 153,45 |
| 276273159 | 250 | - | 273 | 159 | 6,3 | 4 | 178 | 8,13 | 1 | 283,86 |
| 276273168 | 250 | 150 | 273 | 168,3 | 6,3 | 4,5 | 178 | 8,15 | 1 | 228,93 |
| 276273193 | 250 | - | 273 | 193,7 | 6,3 | 5,6 | 178 | 6,41 | 1 | 225,78 |
| 276273219 | 250 | 200 | 273 | 219,1 | 6,3 | 6,3 | 178 | 4,8 | 1 | 194,74 |
| 276273244 | 250 | - | 273 | 244,5 | 6,3 | 6,3 | 178 | 3,99 | 1 | 170,09 |
| 276323219 | 300 | 200 | 323,9 | 219,1 | 7,1 | 6,3 | 203 | 14,27 | 1 | 409,48 |
| 276323244 | 300 | - | 323,9 | 244,5 | 7,1 | 6,3 | 203 | 11,12 | 1 | 379,81 |
| 276323273 | 300 | 250 | 323,9 | 273 | 7,1 | 6,3 | 203 | 14,92 | 1 | 367,47 |

Tolleranze dimensionali / Dimensional tolerances

D = ± 1% D MIN ± 0,5 mm

S1 - S2 = S ≤ 4 mm [-12,5% x S / +20% x S] S > 4 mm [-12,5% x S / +15% x S]

L = ± 2 mm ≤ DN 100 ± 3 mm, > DN 100 ≤ DN 200 ± 3 mm, > DN 200 ± 5 mm



276

RIDUZIONE CONCENTRICA DA TUBO
SENZA SALDATURA

- SEAMLESS CONCENTRIC REDUCTION
- NAHTLOSE REDUZIERSTÜCK KONZENTRISCH
- RÉDUCTION CONCENTRIQUE SANS SOUDURE
- REDUCCIÓN CONCÉNTRICA SIN SOLDATURA

MATERIAL: P235GH (R.St.35.8/1)

NORM: EN 10253-2 (DIN 2616 serie 3)

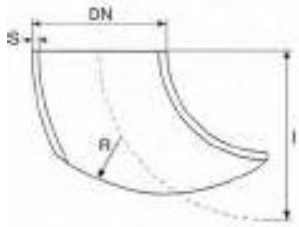
| CODE | DN1 | DN2 | DN1 mm | DN2 mm | S1 mm | S2 mm | L mm | kg | Box | € |
|-----------|-----|-----|-----------|-----------|----------|----------|---------|----|-----|-----------|
| 276355219 | 350 | 200 | 355,6 | 219,1 | 8 | 6,3 | 330 | 22 | 1 | on demand |
| 276355273 | 350 | 250 | 355,6 | 273 | 8 | 6,3 | 330 | 22 | 1 | on demand |
| 276355323 | 350 | 300 | 355,6 | 323,9 | 8 | 7,1 | 330 | 22 | 1 | on demand |
| 276406219 | 400 | 200 | 406,4 | 219,1 | 8,8 | 6,3 | 355 | 30 | 1 | on demand |
| 276406273 | 400 | 250 | 406,4 | 273 | 8,8 | 6,3 | 355 | 30 | 1 | on demand |
| 276406323 | 400 | 300 | 406,4 | 323,9 | 8,8 | 7,1 | 355 | 30 | 1 | on demand |
| 276406355 | 400 | 350 | 406,4 | 355,6 | 8,8 | 8 | 355 | 30 | 1 | on demand |
| 276508273 | 500 | 250 | 508 | 273 | 11 | 6,3 | 508 | 68 | 1 | on demand |
| 276508323 | 500 | 300 | 508 | 323,9 | 11 | 7,1 | 508 | 68 | 1 | on demand |
| 276508355 | 500 | 350 | 508 | 355,6 | 11 | 8 | 508 | 68 | 1 | on demand |
| 276508406 | 500 | 400 | 508 | 406,4 | 11 | 8,8 | 508 | 68 | 1 | on demand |
| 276609323 | 600 | 300 | 609,6 | 323,9 | 12,5 | 7,1 | 508 | 93 | 1 | on demand |
| 276609355 | 600 | 350 | 609,6 | 355,6 | 12,5 | 8 | 508 | 93 | 1 | on demand |
| 276609406 | 600 | 400 | 609,6 | 406,4 | 12,5 | 8,8 | 508 | 93 | 1 | on demand |
| 276609508 | 600 | 500 | 609,6 | 508 | 12,5 | 11 | 508 | 93 | 1 | on demand |

Tolleranze dimensionali / Dimensional tolerances

D = ± 1% D MIN ± 0,5 mm

S1 - S2 = S ≤ 4 mm [-12,5% x S / +20% x S] S > 4 mm [-12,5% x S / +15% x S]

L = ± 2 mm ≤ DN 100 ± 3 mm, > DN 100 ≤ DN 200 ± 3 mm, > DN 200 ± 5 mm



705

R 20 23

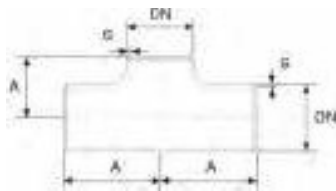
CURVA A SELLA 90° DIMA 3D DA TUBO
SENZA SALDATURA

- SEAMLESS ELBOW WITH SADDLE 3D 90°
- NAHTLOSE EINSCHWEISSBOGEN 3D 90°
- PIQUAGE COUDÉ 3D 90° SANS SOUDURE
- CURVA PARA SOLDAR ENSILLADA 3D 90° DE TUBO SIN SOLDATURA

MATERIAL: P235TR1 - S235 (R.St.37.0)

NORM: DIN 2619

| CODE | DN | DN inch | DN mm | S mm | I mm | R mm | kg | Box | € |
|-----------|-----|------------|----------|---------|---------|---------|------|-----|---------|
| 705424000 | 32 | 1"1/4 | 42,4 | 2,6 | 47,5 | 48 | 0,11 | 1 | 75,04 |
| 705483000 | 40 | 1"1/2 | 48,3 | 2,6 | 57 | 57 | 0,16 | 1 | 79,12 |
| 705603000 | 50 | 2" | 60,3 | 2,9 | 76 | 76 | 0,30 | 1 | 95,29 |
| 705761000 | 65 | 2"1/2 | 76,1 | 2,9 | 95 | 95 | 0,48 | 1 | 136,81 |
| 705889000 | 80 | 3" | 88,9 | 3,2 | 114,5 | 114 | 0,70 | 1 | 160,82 |
| 705101000 | - | 3"1/2 | 101,6 | 3,6 | 133,5 | 133 | 1,1 | 1 | 272,80 |
| 705108000 | - | - | 108 | 3,6 | 142,5 | 142 | 1,2 | 1 | 278,99 |
| 705114000 | 100 | 4" | 114,3 | 3,6 | 152,5 | 152 | 1,4 | 1 | 335,12 |
| 705133000 | - | - | 133 | 4 | 181 | 181 | 2,2 | 1 | 490,87 |
| 705139000 | 125 | 5" | 139,7 | 4 | 190,5 | 190 | 2,4 | 1 | 547,12 |
| 705159000 | - | - | 159 | 4,5 | 216 | 216 | 3,5 | 1 | 589,08 |
| 705168000 | 150 | 6" | 168,3 | 4,5 | 228,5 | 228 | 3,5 | 1 | 828,12 |
| 705193000 | - | - | 193,7 | 5,6 | 270 | 270 | 6,4 | 1 | 1540,08 |
| 705219000 | 200 | 8" | 219,1 | 6,3 | 305 | 305 | 9 | 1 | 2088,21 |
| 705273000 | 250 | 10" | 273 | 6,3 | 381 | 381 | 15 | 1 | 4248,61 |



200 ISO

R 20 23

TEE NORMALE DA TUBO SS

- SEAMLESS TEE
- NAHTLOSE T-STÜCK
- TEE SANS SOUDURE
- TE IGUAL SIN SOLDADURA

MATERIAL: P235GH (R.St.35.8/1)

NORM: EN 10253-2 (DIN 2615-1 serie 3)

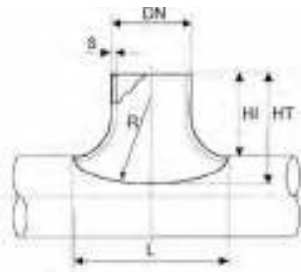
| CODE | DN | DN inch | DN mm | S mm | A mm | kg | kg | € |
|-----------|-----|------------|----------|---------|---------|------|----|---------|
| 200213001 | 15 | 1/2" | 21,3 | 2 | 25 | 0,1 | 1 | 21,89 |
| 200269001 | 20 | 3/4" | 26,9 | 2,3 | 29 | 0,16 | 1 | 24,32 |
| 200337001 | 25 | 1" | 33,7 | 2,6 | 38 | 0,3 | 1 | 27,23 |
| 200424001 | 32 | 1 1/4" | 42,4 | 2,6 | 48 | 0,5 | 1 | 31,47 |
| 200483001 | 40 | 1 1/2" | 48,3 | 2,6 | 57 | 0,7 | 1 | 36,37 |
| 200603001 | 50 | 2" | 60,3 | 2,9 | 64 | 1,1 | 1 | 45,57 |
| 200761001 | 65 | 2 1/2" | 76,1 | 2,9 | 76 | 1,7 | 1 | 66,27 |
| 200889001 | 80 | 3" | 88,9 | 3,2 | 86 | 2 | 1 | 94,35 |
| 200114001 | 100 | 4" | 114,3 | 3,6 | 105 | 3,5 | 1 | 132,66 |
| 200139001 | 125 | 5" | 139,7 | 4 | 124 | 5,5 | 1 | 193,35 |
| 200168001 | 150 | 6" | 168,3 | 4,5 | 143 | 8 | 1 | 265,23 |
| 200219001 | 200 | 8" | 219,1 | 6,3 | 178 | 17 | 1 | 738,00 |
| 200273001 | 250 | 10" | 273 | 6,3 | 216 | 26,5 | 1 | 1535,76 |
| 200323001 | 300 | 12" | 323,9 | 7,1 | 254 | 42 | 1 | 2094,12 |
| 200355001 | 350 | 14" | 355,6 | 8 | 279 | 71 | 1 | 4552,54 |
| 200406001 | 400 | 16" | 406,4 | 8,8 | 305 | 85 | 1 | 5894,16 |

Tolleranze dimensionali / Dimensional tolerances

D = ± 1% D MIN ± 0,5 mm

S = S ≤ 4 mm [-12,5% x S / +20% x S] S > 4 mm [-12,5% x S / +15% x S]

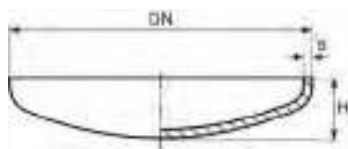
A = ± 2 mm ≤ DN 200 ± 3 mm > DN 200 ÷ 400

**277****R 20 23****SCARPETTA DA TUBO SENZA SALDATURA**

- SEAMLESS SADDLE STUB
- NAHTLOSE SATTELSTUTZEN
- PIQUAGE SANS SOUDURE
- RAMAL CURVO SIN SOLDADURA

MATERIAL: P235GH (R.St.35.8/I)**NORM:** DIN 2618

| CODE | DN | DN inch | DN mm | S mm | HT mm | HI mm | L mm | R mm | kg | Box | € |
|-----------|-----|------------|----------|---------|----------|----------|---------|---------|------|-----|---------|
| 277269000 | 20 | 3/4" | 26,9 | 2,3 | 38 | 30 | 43 | 32 | 0,06 | 1 | 24,73 |
| 277337000 | 25 | 1" | 33,7 | 2,6 | 50 | 30 | 53 | 42 | 0,08 | 1 | 28,59 |
| 277424000 | 32 | 1"1/4 | 42,4 | 2,6 | 50 | 35 | 67 | 55 | 0,13 | 1 | 32,34 |
| 277483000 | 40 | 1"1/2 | 48,3 | 2,6 | 64 | 40 | 76 | 60 | 0,18 | 1 | 36,44 |
| 277603000 | 50 | 2" | 60,3 | 2,9 | 76 | 45 | 96 | 77 | 0,27 | 1 | 48,09 |
| 277700000 | - | - | 70 | 2,9 | 70 | 50 | 112 | 92 | 0,36 | 1 | 59,45 |
| 277761000 | 65 | 2"1/2 | 76,1 | 2,9 | 88 | 50 | 121 | 100 | 0,45 | 1 | 61,56 |
| 277889000 | 80 | 3" | 88,9 | 3,2 | 88 | 60 | 142 | 122 | 0,6 | 1 | 79,24 |
| 277101600 | - | 3"1/2 | 101,6 | 3,6 | 91 | 65 | 161 | 138 | 1 | 1 | 109,59 |
| 277108000 | - | - | 108 | 3,6 | 97 | 65 | 172 | 144 | 1,05 | 1 | 118,36 |
| 277114000 | 100 | 4" | 114,3 | 3,6 | 102 | 65 | 182 | 160 | 1,1 | 1 | 130,79 |
| 277133000 | - | - | 133 | 4 | 119 | 85 | 213 | 174 | 1,7 | 1 | 186,80 |
| 277139000 | 125 | 5" | 139,7 | 4 | 125 | 85 | 222 | 182 | 1,8 | 1 | 206,30 |
| 277159000 | - | - | 159 | 4,5 | 143 | 100 | 254 | 212 | 2,7 | 1 | 296,96 |
| 277168000 | 150 | 6" | 168,3 | 4,5 | 151 | 100 | 268 | 224 | 2,8 | 1 | 325,32 |
| 277193000 | - | - | 193,7 | 5,6 | 174 | 125 | 309 | 258 | 4,7 | 1 | 758,54 |
| 277219000 | 200 | 8" | 219,1 | 6,3 | 197 | 135 | 355 | 295 | 6,4 | 1 | 804,39 |
| 277273000 | 250 | 10" | 273 | 6,3 | 240 | 150 | 455 | 367 | 9,9 | 1 | 1615,85 |



800

FONDELLO BOMBATO

- CAP
- KLÖPPERBODEN
- FOND BOMBÉ
- CAP

MATERIAL: S235
NORM: EN 10253-1 (DIN 28011)

| CODE | DN | DN inch | DN mm | H** mm | S mm | kg | Box | € |
|------------|-----|------------|----------|-----------|---------|------|-----|--------|
| 800269000* | 20 | 3/4" | 26,9 | 13,3 | 2 | 0,02 | 50 | 2,59 |
| 800337000 | 25 | 1" | 33,7 | 19 | 2,6 | 0,04 | 50 | 2,52 |
| 800424000 | 32 | 1 1/4" | 42,4 | 21 | 2,6 | 0,07 | 50 | 2,67 |
| 800483000 | 40 | 1 1/2" | 48,3 | 22 | 2,6 | 0,09 | 50 | 3,19 |
| 800570000 | - | - | 57 | 23 | 2,9 | 0,11 | 50 | 4,07 |
| 800603000 | 50 | 2" | 60,3 | 24 | 2,9 | 0,13 | 50 | 3,48 |
| 800700000 | - | - | 70 | 26 | 2,9 | 0,16 | 30 | 5,95 |
| 800761000 | 65 | 2 1/2" | 76,1 | 27 | 2,9 | 0,18 | 30 | 5,02 |
| 800889000 | 80 | 3" | 88,9 | 30 | 3,2 | 0,26 | 30 | 6,41 |
| 800101000 | 90 | 3 1/2" | 101,6 | 36 | 3,6 | 0,44 | 20 | 16,38 |
| 800108000 | - | - | 108 | 37 | 3,6 | 0,48 | 20 | 16,38 |
| 800114000 | 100 | 4" | 114,3 | 38 | 3,6 | 0,54 | 15 | 17,43 |
| 800133000 | - | - | 133 | 42 | 4 | 0,71 | 15 | 23,21 |
| 800139000 | 125 | 5" | 139,7 | 43 | 4 | 0,78 | 20 | 32,08 |
| 800159000 | - | - | 159 | 51 | 4,5 | 1,29 | 15 | 41,81 |
| 800168000 | 150 | 6" | 168,3 | 53 | 4,5 | 1,42 | 10 | 51,74 |
| 800194000 | 175 | - | 193,7 | 62 | 5,6 | 2,32 | 10 | 82,22 |
| 800219000 | 200 | 8" | 219,1 | 67 | 6,3 | 2,83 | 5 | 90,84 |
| 800244000 | - | - | 244,5 | 72 | 6,3 | 3,65 | - | 173,90 |
| 800273000 | 250 | 10" | 273 | 77 | 6,3 | 4,38 | - | 211,74 |
| 800324000 | 300 | 12" | 323,9 | 91 | 7,1 | 6,08 | - | 252,03 |
| 800355000 | 350 | 14" | 355,6 | 101 | 8 | 7,5 | - | 667,87 |
| 800406000 | 400 | 16" | 406,4 | 115 | 8,8 | 9,8 | - | 863,08 |

Tolleranze dimensionali / Dimensional tolerances

D = ± 1% D MIN ± 0,5 mm

H = Max 0,015 x D e / OR + 10/- 0 mm

S = -0% - +20% x S

[*] Dimensioni non previste nella norma EN 10253-1 - Sizes not provided in EN 10253-1

[**] Quota H: conforme a norma DIN 28011 / H dimension: conforme to norm DIN 28011






Cianfrini / Bevels

Form R per / for D ≤ 88,9 mm

Form YA per / for D ≥ 88,9 mm

FOCUS ON

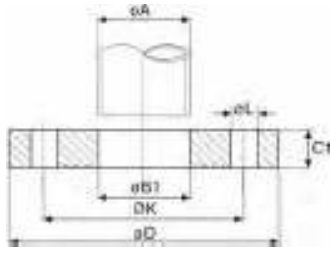
PRESSIONE MASSIMA / MAXIMUM PRESSURE (bar)

| DN mm | Sp/Thk mm | D3 | | D5 | | |
|----------|--------------|---|---|---|---|---|
| | |  |  |  |  |  |
| 17,2 | 2 | 90 | - | - | - | - |
| 21,3 | 2 | 90 | 90 | 70 | - | 100 |
| 26,9 | 2,3 | 90 | 90 | 70 | 100 | 100 |
| 30 | 2,6 | 90 | 90 | - | - | 100 |
| 33,7 | 2,6 | 90 | 90 | 60 | 100 | 100 |
| 42,4 | 2,6 | 90 | 90 | 50 | 100 | 100 |
| 44,5 | 2,6 | 90 | 90 | - | - | 100 |
| 48,2 | 2,6 | 90 | 90 | 40 | 90 | 100 |
| 51 | 2,6 | 70 | 80 | - | - | 100 |
| 54 | 2,6 | 70 | 80 | - | 90 | 90 |
| 57 | 2,6 | 70 | 80 | - | 80 | 90 |
| 60,3 | 2,9 | 70 | 80 | 40 | 80 | 90 |
| 70 | 2,9 | 70 | 80 | - | 70 | 90 |
| 76,1 | 2,9 | 60 | 70 | 30 | 70 | 80 |
| 88,9 | 3,2 | 60 | 70 | 30 | 60 | 80 |
| 101,6 | 3,6 | 60 | 70 | - | 60 | 70 |
| 108 | 3,6 | 60 | 70 | - | 50 | 70 |
| 114,3 | 3,6 | 50 | 60 | 20 | 50 | 70 |
| 133 | 4 | 50 | 60 | - | 50 | 60 |
| 139,7 | 4 | 50 | 60 | 20 | 40 | 60 |
| 159 | 4,5 | 50 | 60 | - | 40 | 60 |
| 168,3 | 4,5 | 50 | 60 | 20 | 40 | 60 |
| 193,7 | 5,6 | 50 | 60 | - | 40 | 60 |
| 219,1 | 6,3 | 50 | 60 | 20 | 40 | 60 |
| 244,5 | 6,3 | 40 | 45 | - | 40 | 50 |
| 273 | 6,3 | 40 | 45 | 15 | 30 | 50 |
| 323,9 | 7,1 | 40 | - | 15 | 30 | 50 |
| 355,6 | 8 | 30 | - | 15 | 30 | 50 |
| 406 | 8,8 | 30 | - | 15 | 30 | 45 |
| 508 | 11 | 30 | - | - | - | 45 |
| 609 | 12,5 | 30 | - | - | - | 45 |

NOTE

Pmax (bar) indicative a 20°C per raccordi a saldare in acciaio al carbonio
Indicative Pmax (bar) at 20°C for welding fittings in carbon steel

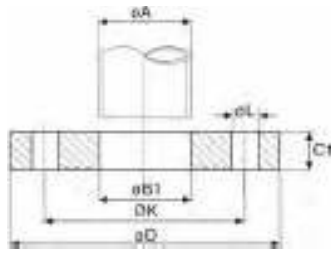
Le sopra indicate pressioni massime sono puramente indicative.
 Resta cura del progettista la scelta del materiale in funzione alle reali condizioni di utilizzo.
*The above maximum pressures are indicative.
 Planer must choose the materials in according to the real condition of work.*

**410****R 30 30****FLANGIA PIANA**

- PLATE FLANGE
- GLATTE FLANSCH
- BRIDE PLATE
- BRIDA PLANA

MATERIAL: P250GH / C22.8 (A 105)**NORM:** EN 1092-1-01 tipo/type "A"**PN 6**

| CODE | Pipe | | Flange | | | | | Bolts | | kg | € | |
|------------------|--------------|-------|--------|------|-------|------|------|-------|------|------|---|------------------|
| | DN | A mm | B1 mm | D mm | C1 mm | K mm | L mm | Nº | Thr. | | | |
| 410025006 | 25 - (1") | 33,7 | 34,5 | 100 | 14 | 75 | 11 | 4 | M 10 | 0,72 | 1 | 20,88 |
| 410032006 | 32 - (1"1/4) | 42,4 | 43,5 | 120 | 16 | 90 | 14 | 4 | M 12 | 1,16 | 1 | 28,08 |
| 410040006 | 40 - (1"1/2) | 48,3 | 49,5 | 130 | 16 | 100 | 14 | 4 | M 12 | 1,35 | 1 | 32,88 |
| 410050006 | 50 - (2") | 60,3 | 61,5 | 140 | 16 | 110 | 14 | 4 | M 12 | 1,48 | 1 | 35,61 |
| 410065006 | 65 - (2"1/2) | 76,1 | 77,5 | 160 | 16 | 130 | 14 | 4 | M 12 | 1,86 | 1 | 45,84 |
| 410080006 | 80 - (3") | 88,9 | 90,5 | 190 | 18 | 150 | 18 | 4 | M 16 | 2,95 | 1 | 60,63 |
| 410100006 | 100 - (4") | 114,3 | 116 | 210 | 18 | 170 | 18 | 4 | M 16 | 3,26 | 1 | 65,60 |
| 410125006 | 125 - (5") | 139,7 | 141,5 | 240 | 20 | 200 | 18 | 8 | M 16 | 4,31 | 1 | 90,71 |
| 410150006 | 150 - (6") | 168,3 | 170,5 | 265 | 20 | 225 | 18 | 8 | M 16 | 4,76 | 1 | 110,04 |
| 410200006 | 200 - (8") | 219,1 | 221,5 | 320 | 22 | 280 | 18 | 8 | M 16 | 6,88 | 1 | 162,00 |
| 410250006 | 250 - (10") | 273 | 276,5 | 375 | 24 | 335 | 18 | 12 | M 16 | 8,92 | 1 | on demand |
| 410300006 | 300 - (12") | 323,9 | 327,5 | 440 | 24 | 395 | 22 | 12 | M 20 | 11,9 | 1 | on demand |
| 410350006 | 350 - (14") | 355,6 | 359,5 | 490 | 26 | 445 | 22 | 12 | M 20 | 17 | 1 | on demand |
| 410400006 | 400 - (16") | 406,4 | 411 | 540 | 28 | 495 | 22 | 16 | M 20 | 20 | 1 | on demand |
| 410450006 | 450 - (18") | 457 | 462 | 595 | 30 | 550 | 22 | 16 | M 20 | 24,5 | 1 | on demand |
| 410500006 | 500 - (20") | 508 | 513,5 | 645 | 30 | 600 | 22 | 20 | M 20 | 26,5 | 1 | on demand |
| 410600006 | 600 - (24") | 610 | 616,5 | 755 | 32 | 705 | 26 | 20 | M 24 | 35 | 1 | on demand |



411

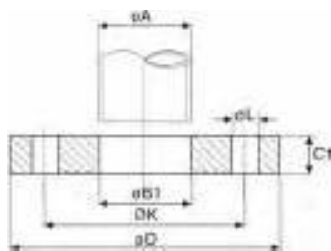
FLANGIA PIANA

- PLATE FLANGE
- GLATTE FLANSCH
- BRIDE PLATE
- BRIDA PLANA

MATERIAL: P250GH / C22.8 (A 105)
NORM: EN 1092-1-01 tipo/type "A"

PN 10

| CODE | PN | Pipe | | Flange | | | | | Bolts | | kg | € | |
|-----------|---------------|---------------|-------|--------|------|-------|------|------|-------|------|------|---|-----------|
| | | DN | A mm | B1 mm | D mm | C1 mm | K mm | L mm | N° | Thr. | | | |
| 411015010 | PN10=16=25=40 | 15 - (1/2") | 21,3 | 22 | 95 | 14 | 65 | 14 | 4 | M 12 | 0,67 | 1 | 16,17 |
| 411020010 | | 20 - (3/4") | 26,9 | 27,5 | 105 | 16 | 75 | 14 | 4 | M 12 | 0,94 | 1 | 20,66 |
| 411025010 | | 25 - (1") | 33,7 | 34,5 | 115 | 16 | 85 | 14 | 4 | M 12 | 1,11 | 1 | 24,65 |
| 411032010 | | 32 - (1 1/4") | 42,4 | 43,5 | 140 | 18 | 100 | 18 | 4 | M 16 | 1,82 | 1 | 31,78 |
| 411040010 | | 40 - (1 1/2") | 48,3 | 49,5 | 150 | 18 | 110 | 18 | 4 | M 16 | 2,08 | 1 | 34,25 |
| 411050010 | PN10=16 | 50 - (2") | 60,3 | 61,5 | 165 | 20 | 125 | 18 | 4 | M 16 | 2,73 | 1 | 43,27 |
| 411065010 | | 65 - (2 1/2") | 76,1 | 77,5 | 185 | 20 | 145 | 18 | 8 | M 16 | 3,16 | 1 | 52,88 |
| 412080016 | | 80 - (3") | 88,9 | 90,5 | 200 | 20 | 160 | 18 | 8 | M 16 | 3,6 | 1 | 76,76 |
| 411100010 | | 100 - (4") | 114,3 | 116 | 220 | 22 | 180 | 18 | 8 | M 16 | 4,39 | 1 | 83,11 |
| 411125010 | | 125 - (5") | 139,7 | 141,5 | 250 | 22 | 210 | 18 | 8 | M 16 | 5,41 | 1 | 103,79 |
| 411150010 | PN10 | 150 - (6") | 168,3 | 170,5 | 285 | 24 | 240 | 22 | 8 | M 20 | 7,14 | 1 | 140,48 |
| 411200010 | | 200 - (8") | 219,1 | 221,5 | 340 | 24 | 295 | 22 | 8 | M 20 | 9,27 | 1 | 233,31 |
| 411250010 | | 250 - (10") | 273 | 276,5 | 395 | 26 | 350 | 22 | 12 | M 20 | 11,8 | 1 | 317,47 |
| 411300010 | | 300 - (12") | 323,9 | 327,5 | 445 | 26 | 400 | 22 | 12 | M 20 | 13,6 | 1 | 387,65 |
| 411350010 | | 350 - (14") | 355,6 | 359,5 | 505 | 28 | 460 | 22 | 16 | M 20 | 21,8 | 1 | on demand |
| 411450010 | PN10 | 450 - (18") | 457 | 462 | 615 | 36 | 565 | 26 | 20 | M 24 | 33,6 | 1 | on demand |
| 411400010 | | 400 - (16") | 406,4 | 411 | 565 | 32 | 515 | 26 | 16 | M 24 | 28 | 1 | on demand |
| 411500010 | | 500 - (20") | 508 | 513,5 | 670 | 38 | 620 | 26 | 20 | M 24 | 41 | 1 | on demand |



411-412

R 30 30

FLANGIA PIANA

- PLATE FLANGE
- GLATTE FLANSCH
- BRIDE PLATE
- BRIDA PLANA

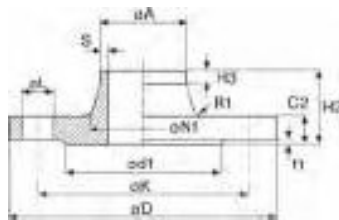
MATERIAL: P250GH / C22.8 (A 105)

NORM: EN 1092-1-01 tipo/type "A"

PN 16

| CODE | PN | Pipe | | Flange | | | | | Bolts | | kg | € | |
|-----------|---------------|---------------|-------|--------|------|-------|------|------|-------|------|------|---|-----------|
| | | DN | A mm | B1 mm | D mm | C1 mm | K mm | L mm | N° | Thr. | | | |
| 411015010 | PN10=16=25=40 | 15 - (1/2") | 21,3 | 22 | 95 | 14 | 65 | 14 | 4 | M 12 | 0,67 | 1 | 16,17 |
| 411020010 | | 20 - (3/4") | 26,9 | 27,5 | 105 | 16 | 75 | 14 | 4 | M 12 | 0,94 | 1 | 20,66 |
| 411025010 | | 25 - (1") | 33,7 | 34,5 | 115 | 16 | 85 | 14 | 4 | M 12 | 1,11 | 1 | 24,65 |
| 411032010 | | 32 - (1 1/4") | 42,4 | 43,5 | 140 | 18 | 100 | 18 | 4 | M 16 | 1,82 | 1 | 31,78 |
| 411040010 | | 40 - (1 1/2") | 48,3 | 49,5 | 150 | 18 | 110 | 18 | 4 | M 16 | 2,08 | 1 | 34,25 |
| 411050010 | PN10=16 | 50 - (2") | 60,3 | 61,5 | 165 | 20 | 125 | 18 | 4 | M 16 | 2,73 | 1 | 43,27 |
| 411065010 | | 65 - (2 1/2") | 76,1 | 77,5 | 185 | 20 | 145 | 18 | 8 | M 16 | 3,16 | 1 | 52,88 |
| 412080016 | | 80 - (3") | 88,9 | 90,5 | 200 | 20 | 160 | 18 | 8 | M 16 | 3,6 | 1 | 76,76 |
| 411100010 | | 100 - (4") | 114,3 | 116 | 220 | 22 | 180 | 18 | 8 | M 16 | 4,39 | 1 | 83,11 |
| 411125010 | | 125 - (5") | 139,7 | 141,5 | 250 | 22 | 210 | 18 | 8 | M 16 | 5,41 | 1 | 103,79 |
| 411150010 | PN16 | 150 - (6") | 168,3 | 170,5 | 285 | 24 | 240 | 22 | 8 | M 20 | 7,14 | 1 | 140,48 |
| 412200016 | | 200 - (8") | 219,1 | 221,5 | 340 | 26 | 295 | 22 | 12 | M 20 | 9,73 | 1 | 236,38 |
| 412250016 | | 250 - (10") | 273 | 276,5 | 405 | 29 | 355 | 26 | 12 | M 24 | 14,2 | 1 | 385,46 |
| 412300016 | | 300 - (12") | 323,9 | 327,5 | 460 | 32 | 410 | 26 | 12 | M 24 | 19,0 | 1 | 458,73 |
| 412350016 | | 350 - (14") | 355,6 | 359 | 520 | 35 | 470 | 26 | 16 | M 24 | 28,2 | 1 | 843,63 |
| 412400016 | PN16 | 400 - (16") | 406,4 | 411 | 580 | 38 | 525 | 30 | 16 | M 27 | 36,2 | 1 | 931,02 |
| 412450016 | | 450 - (18") | 457 | 462 | 640 | 42 | 585 | 30 | 20 | M 27 | 46 | 1 | on demand |
| 412500016 | | 500 - (20") | 508 | 513,5 | 715 | 46 | 650 | 33 | 20 | M 30 | 64 | 1 | on demand |

R 30 30



413

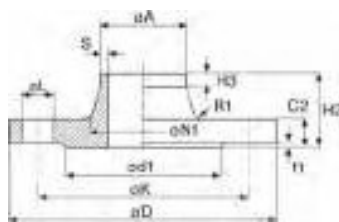
FLANGIA A COLLARINO

- WELDING NECK FLANGE
- VORSCHWEISS-FLANSCH
- BRIDE COLLERETTE
- BRIDA CUELLO

MATERIAL: P250GH / C22.8
NORM: EN 1092-1-11 tipo/type "B1"

PN 6

| CODE | Pipe | | Flange | | | | | | | | | | | Bolts | | kg | € | |
|-----------|---------------|-------|--------|-------|-------|------|-------|-------|-------|------|-------|-------|------|-------|------|------|---|--------|
| | DN | A mm | D mm | H2 mm | N1 mm | S mm | R1 mm | H3 mm | d1 mm | K mm | f1 mm | C2 mm | L mm | N° | Thr. | | | |
| 413015006 | 15 - [1/2"] | 21,3 | 80 | 30 | 30 | 2 | 4 | 6 | 40 | 55 | 2 | 12 | 11 | 4 | M 10 | 0,45 | 1 | 14,60 |
| 413020006 | 20 - [3/4"] | 26,9 | 90 | 32 | 38 | 2,3 | 4 | 6 | 50 | 65 | 2 | 14 | 11 | 4 | M 10 | 0,66 | 1 | 14,21 |
| 413025006 | 25 - [1"] | 33,7 | 100 | 35 | 42 | 2,6 | 4 | 6 | 60 | 75 | 2 | 14 | 11 | 4 | M 10 | 0,83 | 1 | 15,38 |
| 413032006 | 32 - [1 1/4"] | 42,4 | 120 | 35 | 55 | 2,6 | 6 | 6 | 70 | 90 | 2 | 14 | 14 | 4 | M 12 | 1,18 | 1 | 20,79 |
| 413040006 | 40 - [1 1/2"] | 48,3 | 130 | 38 | 62 | 2,6 | 6 | 7 | 80 | 100 | 3 | 14 | 14 | 4 | M 12 | 1,4 | 1 | 22,80 |
| 413050006 | 50 - [2"] | 60,3 | 140 | 38 | 74 | 2,9 | 6 | 8 | 90 | 110 | 3 | 14 | 14 | 4 | M 12 | 1,58 | 1 | 26,59 |
| 413065006 | 65 - [2 1/2"] | 76,1 | 160 | 38 | 88 | 2,9 | 6 | 9 | 110 | 130 | 3 | 14 | 14 | 4 | M 12 | 1,95 | 1 | 35,66 |
| 413080006 | 80 - [3"] | 88,9 | 190 | 42 | 102 | 3,2 | 8 | 10 | 128 | 150 | 3 | 16 | 18 | 4 | M 16 | 3,07 | 1 | 54,16 |
| 413100006 | 100 - [4"] | 114,3 | 210 | 45 | 130 | 3,6 | 8 | 10 | 148 | 170 | 3 | 16 | 18 | 4 | M 16 | 3,56 | 1 | 65,12 |
| 413125006 | 125 - [5"] | 139,7 | 240 | 48 | 155 | 4 | 8 | 10 | 178 | 200 | 3 | 18 | 18 | 8 | M 16 | 4,8 | 1 | 77,97 |
| 413150006 | 150 - [6"] | 168,3 | 265 | 48 | 184 | 4,5 | 10 | 12 | 202 | 225 | 3 | 18 | 18 | 8 | M 16 | 5,52 | 1 | 92,35 |
| 413200006 | 200 - [8"] | 219,1 | 320 | 55 | 236 | 6,3 | 10 | 15 | 258 | 280 | 3 | 20 | 18 | 8 | M 16 | 8,16 | 1 | 181,50 |



414/415

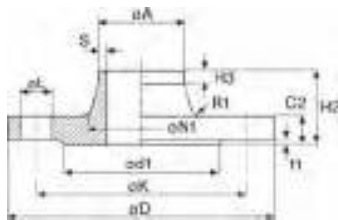
FLANGIA A COLLARINO

- WELDING NECK FLANGE
- VORSCHWEISS-FLANSCH
- BRIDE COLLERETTE
- BRIDA CUELLO

MATERIAL: P250GH / C22.8
NORM: EN 1092-1-11 tipo/type "B1"

PN 10

| CODE | PN | Pipe | | Flange | | | | | | | | | | | Bolts | | kg | € | |
|-----------|---------------|---------------|-------|--------|-------|-------|-------|------|-------|-------|-------|------|-------|------|-------|------|------|---------|--------|
| | | DN | A mm | D mm | C2 mm | H2 mm | N1 mm | S mm | R1 mm | H3 mm | d1 mm | K mm | f1 mm | L mm | N° | Thr. | | | |
| 415015016 | PN10=16-25=40 | 15 - [1/2"] | 21,3 | 95 | 16 | 38 | 32 | 2 | 4 | 6 | 45 | 65 | 2 | 14 | 4 | M 12 | 1 | 1 | 21,40 |
| 415020016 | | 20 - [3/4"] | 26,9 | 105 | 18 | 40 | 40 | 2,3 | 4 | 6 | 58 | 75 | 2 | 14 | 4 | M 12 | 1 | 1 | 22,65 |
| 415025016 | | 25 - [1"] | 33,7 | 115 | 18 | 40 | 46 | 2,6 | 4 | 6 | 68 | 85 | 2 | 14 | 4 | M 12 | 1,3 | 1 | 31,48 |
| 415032016 | | 32 - [1 1/4"] | 42,4 | 140 | 18 | 42 | 56 | 2,6 | 6 | 6 | 78 | 100 | 2 | 18 | 4 | M 16 | 1,91 | 1 | 36,58 |
| 415040016 | | 40 - [1 1/2"] | 48,3 | 150 | 18 | 45 | 64 | 2,6 | 6 | 7 | 88 | 110 | 3 | 18 | 4 | M 16 | 2,15 | 1 | 38,35 |
| 415050016 | PN10=16 | 50 - [2"] | 60,3 | 165 | 18 | 45 | 74 | 2,9 | 6 | 8 | 102 | 125 | 3 | 18 | 4 | M 16 | 2,53 | 1 | 44,64 |
| 415065016 | | 65 - [2 1/2"] | 76,1 | 185 | 18 | 45 | 92 | 2,9 | 6 | 10 | 122 | 145 | 3 | 18 | 8 | M 16 | 3,03 | 1 | 55,07 |
| 415080016 | | 80 - [3"] | 88,9 | 200 | 20 | 50 | 105 | 3,2 | 6 | 10 | 138 | 160 | 3 | 18 | 8 | M 16 | 3,92 | 1 | 72,53 |
| 415100016 | | 100 - [4"] | 114,3 | 220 | 20 | 52 | 131 | 3,6 | 8 | 12 | 158 | 180 | 3 | 18 | 8 | M 16 | 4,62 | 1 | 83,33 |
| 415125016 | | 125 - [5"] | 139,7 | 250 | 22 | 55 | 156 | 4 | 8 | 12 | 188 | 210 | 3 | 18 | 8 | M 16 | 6,3 | 1 | 107,04 |
| 415150016 | PN10 | 150 - [6"] | 168,3 | 285 | 22 | 55 | 184 | 4,5 | 10 | 12 | 212 | 240 | 3 | 22 | 8 | M 20 | 7,75 | 1 | 135,10 |
| 414200010 | | 200 - [8"] | 219,1 | 340 | 24 | 62 | 234 | 6,3 | 10 | 16 | 268 | 295 | 3 | 22 | 8 | M 20 | 11,3 | 1 | 215,68 |
| 414250010 | | 250 - [10"] | 273 | 395 | 26 | 68 | 292 | 6,3 | 12 | 16 | 320 | 350 | 3 | 22 | 12 | M 20 | 15,8 | 1 | 301,83 |
| 414300010 | | 300 - [12"] | 323,9 | 445 | 26 | 68 | 342 | 7,1 | 12 | 16 | 370 | 400 | 4 | 22 | 12 | M 20 | 18,3 | 1 | 416,15 |
| 414350010 | | 350 - [14"] | 355,6 | 505 | 26 | 68 | 385 | 7,1 | 12 | 16 | 430 | 460 | 4 | 22 | 16 | M 20 | 24,5 | 1 | 552,76 |
| 414400010 | 400 - [16"] | 406,4 | 565 | 26 | 72 | 440 | 7,1 | 12 | 16 | 482 | 515 | 4 | 26 | 16 | M 24 | 29,5 | 1 | 1161,18 | |



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R 30 30

FLANGIA A COLLARINO

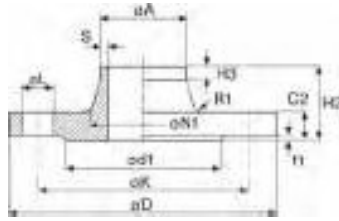
- WELDING NECK FLANGE
- VORSCHWEISS-FLANSCH
- BRIDE COLLERETTE
- BRIDA CUELLO

MATERIAL: P250GH / C22.8

NORM: EN 1092-1-11 tipo/type "B1"

PN 16

| CODE | PN | Pipe | | Flange | | | | | | | | | | | Bolts | | kg | € | |
|-----------|---------------|---------------|---------|---------|----------|----------|----------|---------|----------|----------|----------|---------|----------|---------|-------|------|------|---------|--------|
| | | DN | A mm | D mm | C2 mm | H2 mm | N1 mm | S mm | R1 mm | H3 mm | d1 mm | K mm | f1 mm | L mm | N° | Thr. | | | |
| 415015016 | PN10=16=25=40 | 15 - (1/2") | 21,3 | 95 | 16 | 38 | 32 | 2 | 4 | 6 | 45 | 65 | 2 | 14 | 4 | M12 | 1 | 1 | 21,40 |
| 415020016 | | 20 - (3/4") | 26,9 | 105 | 18 | 40 | 40 | 2,3 | 4 | 6 | 58 | 75 | 2 | 14 | 4 | M12 | 1 | 1 | 22,65 |
| 415025016 | | 25 - (1") | 33,7 | 115 | 18 | 40 | 46 | 2,6 | 4 | 6 | 68 | 85 | 2 | 14 | 4 | M12 | 1,3 | 1 | 31,48 |
| 415032016 | | 32 - (1 1/4") | 42,4 | 140 | 18 | 42 | 56 | 2,6 | 6 | 6 | 78 | 100 | 2 | 18 | 4 | M16 | 1,91 | 1 | 36,58 |
| 415040016 | | 40 - (1 1/2") | 48,3 | 150 | 18 | 45 | 64 | 2,6 | 6 | 7 | 88 | 110 | 3 | 18 | 4 | M16 | 2,15 | 1 | 38,35 |
| 415050016 | PN10=16 | 50 - (2") | 60,3 | 165 | 18 | 45 | 74 | 2,9 | 6 | 8 | 102 | 125 | 3 | 18 | 4 | M16 | 2,53 | 1 | 44,64 |
| 415065016 | | 65 - (2 1/2") | 76,1 | 185 | 18 | 45 | 92 | 2,9 | 6 | 10 | 122 | 145 | 3 | 18 | 8 | M16 | 3,03 | 1 | 55,07 |
| 415080016 | | 80 - (3") | 88,9 | 200 | 20 | 50 | 105 | 3,2 | 6 | 10 | 138 | 160 | 3 | 18 | 8 | M16 | 3,92 | 1 | 72,53 |
| 415100016 | | 100 - (4") | 114,3 | 220 | 20 | 52 | 131 | 3,6 | 8 | 12 | 158 | 180 | 3 | 18 | 8 | M16 | 4,62 | 1 | 83,33 |
| 415125016 | | 125 - (5") | 139,7 | 250 | 22 | 55 | 156 | 4 | 8 | 12 | 188 | 210 | 3 | 18 | 8 | M16 | 6,3 | 1 | 107,04 |
| 415150016 | PN16 | 150 - (6") | 168,3 | 285 | 22 | 55 | 184 | 4,5 | 10 | 12 | 212 | 240 | 3 | 22 | 8 | M20 | 7,75 | 1 | 135,10 |
| 415200016 | | 200 - (8") | 219,1 | 340 | 24 | 62 | 235 | 6,3 | 10 | 16 | 268 | 295 | 3 | 22 | 12 | M20 | 11,2 | 1 | 224,26 |
| 415250016 | | 250 - (10") | 273 | 405 | 26 | 70 | 292 | 6,3 | 12 | 16 | 320 | 355 | 3 | 26 | 12 | M24 | 16,7 | 1 | 346,62 |
| 415300016 | | 300 - (12") | 323,9 | 460 | 28 | 78 | 344 | 7,1 | 12 | 16 | 378 | 410 | 4 | 26 | 12 | M24 | 22,1 | 1 | 472,14 |
| 415350016 | | 350 - (14") | 355,6 | 520 | 30 | 82 | 390 | 8 | 12 | 16 | 438 | 470 | 4 | 26 | 16 | M24 | 32 | 1 | 712,02 |
| 415400016 | 400 - (16") | 406,4 | 580 | 32 | 85 | 445 | 8 | 12 | 16 | 490 | 525 | 4 | 30 | 16 | M27 | 40 | 1 | 1532,73 | |



415/416/417

R 30 30

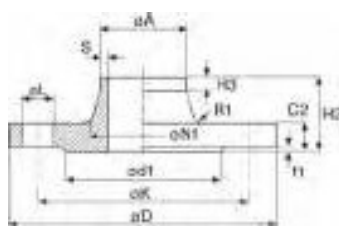
FLANGIA A COLLARINO

- WELDING NECK FLANGE
- VORSCHWEISS-FLANSCH
- BRIDE COLLERETTE
- BRIDA CUELLO

MATERIAL: P250GH / C22.8
NORM: EN 1092-1-11 tipo/type "B1"

PN 25

| CODE | PN | Pipe | | Flange | | | | | | | | | | Bolts | | kg | € | | |
|-----------|---------------|---------------|-------|--------|-------|-------|-------|------|-------|-------|-------|------|-------|-------|----|-----|------|------|--------|
| | | DN | A mm | D mm | C2 mm | H2 mm | N1 mm | S mm | R1 mm | H3 mm | d1 mm | K mm | f1 mm | L mm | N° | | | Thr. | |
| 415015016 | PN10=16=25=40 | 15 - [1/2"] | 21,3 | 95 | 16 | 38 | 32 | 2 | 4 | 6 | 45 | 65 | 2 | 14 | 4 | M12 | 1 | 1 | 21,40 |
| 415020016 | | 20 - [3/4"] | 26,9 | 105 | 18 | 40 | 40 | 2,3 | 4 | 6 | 58 | 75 | 2 | 14 | 4 | M12 | 1 | 1 | 22,65 |
| 415025016 | | 25 - [1"] | 33,7 | 115 | 18 | 40 | 46 | 2,6 | 4 | 6 | 68 | 85 | 2 | 14 | 4 | M12 | 1,3 | 1 | 31,48 |
| 415032016 | | 32 - [1 1/4"] | 42,4 | 140 | 18 | 42 | 56 | 2,6 | 6 | 6 | 78 | 100 | 2 | 18 | 4 | M16 | 1,91 | 1 | 36,58 |
| 415040016 | | 40 - [1 1/2"] | 48,3 | 150 | 18 | 45 | 64 | 2,6 | 6 | 7 | 88 | 110 | 3 | 18 | 4 | M16 | 2,15 | 1 | 38,35 |
| 417050040 | PN25=40 | 50 - [2"] | 60,3 | 165 | 20 | 48 | 75 | 2,9 | 6 | 8 | 102 | 125 | 3 | 18 | 4 | M16 | 2,8 | 1 | 51,26 |
| 417065040 | | 65 - [2 1/2"] | 76,1 | 185 | 22 | 52 | 90 | 2,9 | 6 | 10 | 122 | 145 | 3 | 18 | 8 | M16 | 3,7 | 1 | 67,28 |
| 417080040 | | 80 - [3"] | 88,9 | 200 | 24 | 58 | 105 | 3,2 | 8 | 12 | 138 | 160 | 3 | 18 | 8 | M16 | 4,8 | 1 | 85,53 |
| 417100040 | | 100 - [4"] | 114,3 | 235 | 24 | 65 | 134 | 3,6 | 8 | 12 | 162 | 190 | 3 | 22 | 8 | M20 | 6,5 | 1 | 114,94 |
| 417125040 | | 125 - [5"] | 139,7 | 270 | 26 | 68 | 162 | 4 | 8 | 12 | 188 | 220 | 3 | 26 | 8 | M24 | 9,1 | 1 | 149,80 |
| 417150040 | PN25 | 150 - [6"] | 168,3 | 300 | 28 | 75 | 192 | 4,5 | 10 | 12 | 218 | 250 | 3 | 26 | 8 | M24 | 11,8 | 1 | 197,88 |
| 416200025 | | 200 - [8"] | 219,1 | 360 | 30 | 80 | 244 | 6,3 | 10 | 16 | 278 | 310 | 3 | 26 | 12 | M24 | 17 | 1 | 338,49 |
| 416250025 | | 250 - [10"] | 273 | 425 | 32 | 88 | 298 | 7,1 | 12 | 18 | 335 | 370 | 3 | 30 | 12 | M27 | 24,4 | 1 | 479,58 |
| 416300025 | | 300 - [12"] | 323,9 | 485 | 34 | 92 | 352 | 8 | 12 | 18 | 395 | 430 | 4 | 30 | 16 | M27 | 31,2 | 1 | 689,85 |



415/417

R 30 30

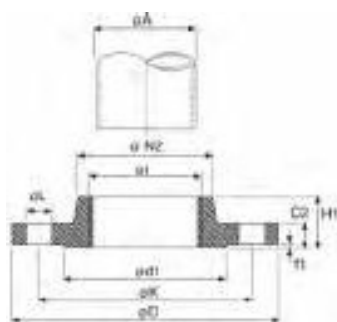
FLANGIA A COLLARINO

- WELDING NECK FLANGE
- VORSCHWEISS-FLANSCH
- BRIDE COLLERETTE
- BRIDA CUELLO

MATERIAL: P250GH / C22.8
NORM: EN 1092-1-11 tipo/type "B1"

PN 40

| CODE | PN | Pipe | | Flange | | | | | | | | | | Bolts | | kg | € | | |
|-----------|---------------|---------------|-------|--------|-------|-------|-------|------|-------|-------|-------|------|-------|-------|----|-----|------|------|---------|
| | | DN | A mm | D mm | C2 mm | H2 mm | N1 mm | S mm | R1 mm | H3 mm | d1 mm | K mm | f1 mm | L mm | N° | | | Thr. | |
| 415015016 | PN10=16=25=40 | 15 - [1/2"] | 21,3 | 95 | 16 | 38 | 32 | 2 | 4 | 6 | 45 | 65 | 2 | 14 | 4 | M12 | 1 | 1 | 21,40 |
| 415020016 | | 20 - [3/4"] | 26,9 | 105 | 18 | 40 | 40 | 2,3 | 4 | 6 | 58 | 75 | 2 | 14 | 4 | M12 | 1 | 1 | 22,65 |
| 415025016 | | 25 - [1"] | 33,7 | 115 | 18 | 40 | 46 | 2,6 | 4 | 6 | 68 | 85 | 2 | 14 | 4 | M12 | 1,3 | 1 | 31,48 |
| 415032016 | | 32 - [1 1/4"] | 42,4 | 140 | 18 | 42 | 56 | 2,6 | 6 | 6 | 78 | 100 | 2 | 18 | 4 | M16 | 1,91 | 1 | 36,58 |
| 415040016 | | 40 - [1 1/2"] | 48,3 | 150 | 18 | 45 | 64 | 2,6 | 6 | 7 | 88 | 110 | 3 | 18 | 4 | M16 | 2,15 | 1 | 38,35 |
| 417050040 | PN25=40 | 50 - [2"] | 60,3 | 165 | 20 | 48 | 75 | 2,9 | 6 | 8 | 102 | 125 | 3 | 18 | 4 | M16 | 2,8 | 1 | 51,26 |
| 417065040 | | 65 - [2 1/2"] | 76,1 | 185 | 22 | 52 | 90 | 2,9 | 6 | 10 | 122 | 145 | 3 | 18 | 8 | M16 | 3,7 | 1 | 67,28 |
| 417080040 | | 80 - [3"] | 88,9 | 200 | 24 | 58 | 105 | 3,2 | 8 | 12 | 138 | 160 | 3 | 18 | 8 | M16 | 4,8 | 1 | 85,53 |
| 417100040 | | 100 - [4"] | 114,3 | 235 | 24 | 65 | 134 | 3,6 | 8 | 12 | 162 | 190 | 3 | 22 | 8 | M20 | 6,5 | 1 | 114,94 |
| 417125040 | | 125 - [5"] | 139,7 | 270 | 26 | 68 | 162 | 4 | 8 | 12 | 188 | 220 | 3 | 26 | 8 | M24 | 9,1 | 1 | 149,80 |
| 417150040 | PN40 | 150 - [6"] | 168,3 | 300 | 28 | 75 | 192 | 4,5 | 10 | 12 | 218 | 250 | 3 | 26 | 8 | M24 | 11,8 | 1 | 197,88 |
| 417200040 | | 200 - [8"] | 219,1 | 375 | 34 | 88 | 244 | 6,3 | 10 | 16 | 285 | 320 | 3 | 30 | 12 | M27 | 21,5 | 1 | 404,42 |
| 417250040 | | 250 - [10"] | 273 | 450 | 38 | 105 | 306 | 7,1 | 12 | 18 | 345 | 385 | 3 | 33 | 12 | M30 | 34,9 | 1 | 631,25 |
| 417300040 | | 300 - [12"] | 323,9 | 515 | 42 | 115 | 362 | 8 | 12 | 18 | 410 | 450 | 4 | 33 | 16 | M30 | 49,7 | 1 | 1019,07 |



418

R 30 30

FLANGIA FILETTATA

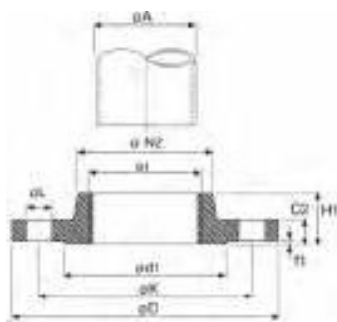
- THREADED FLANGES
- GEWINDEFLANSCH
- BRIDE FILETÉ
- BRIDA ROSCADA

MATERIAL: P250GH / C22.8

NORM: EN 1092-1-13 tipo/type "B1"

PN 6

| CODE | Pipe | | Flange | | | | | | | | | Bolts | | kg | kg | € |
|-----------|------|-------|-----------|------|-------|-------|-------|-------|------|-------|------|-------|------|------|----|-------|
| | DN | A mm | Thr. Øi | D mm | C2 mm | H1 mm | N2 mm | d1 mm | K mm | f1 mm | L mm | N° | Thr. | | | |
| 418015006 | 15 | 21,3 | Rp 1/2" | 80 | 12 | 20 | 30 | 40 | 55 | 2 | 11 | 4 | M 10 | 0,43 | 1 | 15,10 |
| 418020006 | 20 | 26,9 | Rp 3/4" | 90 | 14 | 24 | 40 | 50 | 65 | 2 | 11 | 4 | M 10 | 0,66 | 1 | 18,02 |
| 418025006 | 25 | 33,7 | Rp 1" | 100 | 14 | 24 | 50 | 60 | 75 | 2 | 11 | 4 | M 10 | 0,82 | 1 | 19,44 |
| 418032006 | 32 | 42,4 | Rp 1 1/4" | 120 | 14 | 26 | 60 | 70 | 90 | 2 | 14 | 4 | M 12 | 1,17 | 1 | 24,19 |
| 418040006 | 40 | 48,3 | Rp 1 1/2" | 130 | 14 | 26 | 70 | 80 | 100 | 3 | 14 | 4 | M 12 | 1,4 | 1 | 27,61 |
| 418050006 | 50 | 60,3 | Rp 2" | 140 | 14 | 28 | 80 | 90 | 110 | 3 | 14 | 4 | M 12 | 1,59 | 1 | 30,47 |
| 418065006 | 65 | 76,1 | Rp 2 1/2" | 160 | 14 | 32 | 100 | 110 | 130 | 3 | 14 | 4 | M 12 | 2,17 | 1 | 39,30 |
| 418080006 | 80 | 88,9 | Rp 3" | 190 | 16 | 34 | 110 | 128 | 150 | 3 | 18 | 4 | M 16 | 3,2 | 1 | 61,20 |
| 418100006 | 100 | 114,3 | Rp 4" | 210 | 16 | 40 | 130 | 148 | 170 | 3 | 18 | 4 | M 16 | 3,59 | 1 | 63,45 |



419

R 30 30

FLANGIA FILETTATA

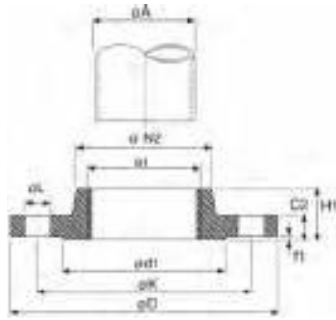
- THREADED FLANGES
- GEWINDEFLANSCH
- BRIDE FILETÉ
- BRIDA ROSCADA

MATERIAL: P250GH / C22.8

NORM: EN 1092-1-13 tipo/type "B1"

PN 10/16

| CODE | PN | Pipe | | Flange | | | | | | | | | Bolts | | kg | kg | € |
|-----------|---------------|------|-------|-----------|------|-------|-------|-------|-------|------|-------|------|-------|------|-----|----|--------|
| | | DN | A mm | Thr. Øi | D mm | C2 mm | H1 mm | N2 mm | d1 mm | K mm | f1 mm | L mm | N° | Thr. | | | |
| 419015010 | PN10=16=25=40 | 15 | 21,3 | Rp 1/2" | 95 | 16 | 22 | 35 | 45 | 65 | 2 | 14 | 4 | M 12 | 0,5 | 1 | 18,79 |
| 419020010 | | 20 | 26,9 | Rp 3/4" | 105 | 18 | 26 | 45 | 58 | 75 | 2 | 14 | 4 | M 12 | 1 | 1 | 23,36 |
| 419025010 | | 25 | 33,7 | Rp 1" | 115 | 18 | 28 | 52 | 68 | 85 | 2 | 14 | 4 | M 12 | 1,5 | 1 | 25,05 |
| 419032010 | | 32 | 42,4 | Rp 1 1/4" | 140 | 18 | 30 | 60 | 78 | 100 | 2 | 18 | 4 | M 16 | 2 | 1 | 33,35 |
| 419040010 | | 40 | 48,3 | Rp 1 1/2" | 150 | 18 | 32 | 70 | 88 | 110 | 4 | 18 | 4 | M 16 | 2,1 | 1 | 35,89 |
| 419050010 | | 50 | 60,3 | Rp 2" | 165 | 18 | 28 | 84 | 102 | 125 | 4 | 18 | 4 | M 16 | 2,5 | 1 | 45,39 |
| 419065010 | PN10=16 | 65 | 76,1 | Rp 2 1/2" | 185 | 18 | 32 | 104 | 122 | 145 | 4 | 18 | 8 | M 16 | 3 | 1 | 55,52 |
| 419080016 | | 80 | 88,9 | Rp 3" | 200 | 20 | 34 | 118 | 138 | 160 | 4 | 18 | 8 | M 16 | 4 | 1 | 80,58 |
| 419100010 | | 100 | 114,3 | Rp 4" | 220 | 20 | 40 | 140 | 158 | 180 | 4 | 18 | 8 | M 16 | 4,5 | 1 | 87,23 |
| 419125010 | | 125 | 139,7 | Rp 5" | 250 | 22 | 44 | 168 | 188 | 210 | 4 | 18 | 8 | M 16 | 6,5 | 1 | 111,73 |
| 419150010 | | 150 | 168,3 | Rp 6" | 285 | 22 | 44 | 195 | 212 | 240 | 4 | 22 | 8 | M 20 | 7,5 | 1 | 148,95 |



419/Z

R 30 30

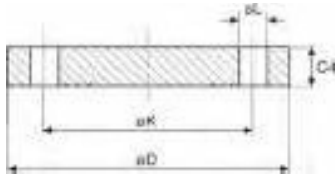
FLANGIA FILETTATA ZINCATA

- GALVANIZED THREADED FLANGES
- GEWINDE-VERZINKT FLANSCH
- BRIDE FILETÉ GALVANISÉ
- BRIDA ROSCADA ZINCADA

MATERIAL: P250GH / C22.8
NORM: EN 1092-1-13 tipo/type "B1"

**PN
10/16**

| CODE | PN | Pipe | | Flange | | | | | | | | | | Bolts | | kg | € |
|------------|---------------|------|-------|---------------|------|-------|-------|-------|-------|------|-------|------|----|-------|-----|----|--------|
| | | DN | A mm | Thr. ϕ_i | D mm | C2 mm | H1 mm | N2 mm | d1 mm | K mm | f1 mm | L mm | N° | Thr. | | | |
| 419015010Z | PN10=16=25=40 | 15 | 21,3 | Rp 1/2" | 95 | 16 | 22 | 35 | 45 | 65 | 2 | 14 | 4 | M12 | 0,5 | 1 | 23,42 |
| 419020010Z | | 20 | 26,9 | Rp 3/4" | 105 | 18 | 26 | 45 | 58 | 75 | 2 | 14 | 4 | M12 | 1 | 1 | 29,14 |
| 419025010Z | | 25 | 33,7 | Rp 1" | 115 | 18 | 28 | 52 | 68 | 85 | 2 | 14 | 4 | M12 | 1,5 | 1 | 31,27 |
| 419032010Z | | 32 | 42,4 | Rp 1 1/4" | 140 | 18 | 30 | 60 | 78 | 100 | 2 | 18 | 4 | M16 | 2 | 1 | 41,02 |
| 419040010Z | | 40 | 48,3 | Rp 1 1/2" | 150 | 18 | 32 | 70 | 88 | 110 | 4 | 18 | 4 | M16 | 2,1 | 1 | 46,28 |
| 419050010Z | PN10=16 | 50 | 60,3 | Rp 2" | 165 | 18 | 28 | 84 | 102 | 125 | 4 | 18 | 4 | M16 | 2,5 | 1 | 57,61 |
| 419065010Z | | 65 | 76,1 | Rp 2 1/2" | 185 | 18 | 32 | 104 | 122 | 145 | 4 | 18 | 8 | M16 | 3 | 1 | 75,14 |
| 419080016Z | | 80 | 88,9 | Rp 3" | 200 | 20 | 34 | 118 | 138 | 160 | 4 | 18 | 8 | M16 | 4 | 1 | 97,93 |
| 419100010Z | | 100 | 114,3 | Rp 4" | 220 | 20 | 40 | 140 | 158 | 180 | 4 | 18 | 8 | M16 | 4,5 | 1 | 101,44 |
| 419125010Z | | 125 | 139,7 | Rp 5" | 250 | 22 | 44 | 168 | 188 | 210 | 4 | 18 | 8 | M16 | 6,5 | 1 | 139,67 |
| 419150010Z | | 150 | 168,3 | Rp 6" | 285 | 22 | 44 | 195 | 212 | 240 | 4 | 22 | 8 | M20 | 7,5 | 1 | 186,10 |



420

FLANGIA CIECA

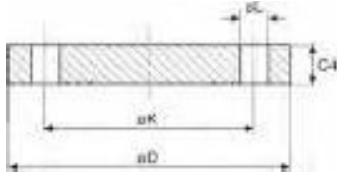
- BLIND FLANGE
- BLINDFLANSCH
- BRIDE PLEINE
- BRIDA CIEGA

MATERIAL: P250GH / C22.8

NORM: EN 1092-1-05 tipo/type "A"

PN 6

| CODE | DN | Flange | | | | Bolts | | kg | € | |
|-----------|---------------|----------|---------|---------|---------|-------|------|------|---|-----------|
| | | C4 mm | D mm | K mm | L mm | N° | Thr. | | | |
| 420015006 | 15 - (1/2") | 12 | 80 | 55 | 11 | 4 | M 10 | 0,5 | 1 | 23,33 |
| 420020006 | 20 - (3/4") | 14 | 90 | 65 | 11 | 4 | M 10 | 0,7 | 1 | 23,83 |
| 420025006 | 25 - (1") | 14 | 100 | 75 | 11 | 4 | M 10 | 0,8 | 1 | 26,02 |
| 420032006 | 32 - (1 1/4") | 16 | 120 | 90 | 14 | 4 | M 12 | 1,2 | 1 | 34,65 |
| 420040006 | 40 - (1 1/2") | 16 | 130 | 100 | 14 | 4 | M 12 | 1,4 | 1 | 39,55 |
| 420050006 | 50 - (2") | 16 | 140 | 110 | 14 | 4 | M 12 | 1,6 | 1 | 52,87 |
| 420065006 | 65 - (2 1/2") | 16 | 160 | 130 | 14 | 4 | M 12 | 2,2 | 1 | 66,08 |
| 420080006 | 80 - (3") | 18 | 190 | 150 | 18 | 4 | M 16 | 3,4 | 1 | 83,12 |
| 420100006 | 100 - (4") | 18 | 210 | 170 | 18 | 4 | M 16 | 4,2 | 1 | 103,74 |
| 420125006 | 125 - (5") | 20 | 240 | 200 | 18 | 8 | M 16 | 6,1 | 1 | 144,47 |
| 420150006 | 150 - (6") | 20 | 265 | 225 | 18 | 8 | M 16 | 7,5 | 1 | 206,28 |
| 420200006 | 200 - (8") | 22 | 320 | 280 | 18 | 8 | M 16 | 12,3 | 1 | 343,42 |
| 420250006 | 250 - (10") | 24 | 375 | 335 | 18 | 12 | M 16 | 18,5 | 1 | 543,10 |
| 420300006 | 300 - (12") | 24 | 440 | 395 | 22 | 12 | M 20 | 25,5 | 1 | 731,02 |
| 420350006 | 350 - (14") | 26 | 490 | 445 | 22 | 12 | M 20 | 31,8 | 1 | on demand |
| 420400006 | 400 - (16") | 28 | 540 | 495 | 22 | 16 | M 20 | 38,5 | 1 | on demand |
| 420450006 | 450 - (18") | 30 | 595 | 550 | 22 | 16 | M 20 | 46,9 | 1 | on demand |
| 420500006 | 500 - (20") | 30 | 645 | 600 | 22 | 20 | M 20 | 60,1 | 1 | on demand |



421/422

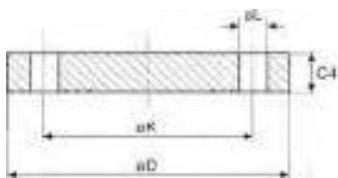
FLANGIA CIECA

- BLIND FLANGE
- BLINDFLANSCH
- BRIDE PLEINE
- BRIDA CIEGA

MATERIAL: P250GH / C22.8
NORM: EN 1092-1-05 tipo/type "A"

PN 10

| CODE | PN | DN | Flange | | | | Bolts | | kg | € | |
|-----------|---------------|---------------|--------|------|------|------|-------|------|------|-----------|-----------|
| | | | C4 mm | D mm | K mm | L mm | Nº | Thr. | | | |
| 422015016 | PN10=16=25=40 | 15 - (1/2") | 16 | 95 | 65 | 14 | 4 | M 12 | 0,8 | 1 | 23,73 |
| 422020016 | | 20 - (3/4") | 18 | 105 | 75 | 14 | 4 | M 12 | 1,1 | 1 | 24,62 |
| 422025016 | | 25 - (1") | 18 | 115 | 85 | 14 | 4 | M 12 | 1,4 | 1 | 26,40 |
| 422032016 | | 32 - (1 1/4") | 18 | 140 | 100 | 18 | 4 | M 16 | 2 | 1 | 35,63 |
| 422040016 | | 40 - (1 1/2") | 18 | 150 | 110 | 18 | 4 | M 16 | 2,4 | 1 | 40,58 |
| 422050016 | PN10=16 | 50 - (2") | 18 | 165 | 125 | 18 | 4 | M 16 | 2,9 | 1 | 54,44 |
| 422065016 | | 65 - (2 1/2") | 18 | 185 | 145 | 18 | 8 | M 16 | 3,7 | 1 | 68,01 |
| 422080016 | | 80 - (3") | 20 | 200 | 160 | 18 | 8 | M 16 | 4,6 | 1 | 85,49 |
| 422100016 | | 100 - (4") | 20 | 220 | 180 | 18 | 8 | M 16 | 5,7 | 1 | 106,78 |
| 422125016 | | 125 - (5") | 22 | 250 | 210 | 18 | 8 | M 16 | 8,1 | 1 | 148,70 |
| 422150016 | PN10 | 150 - (6") | 22 | 285 | 240 | 22 | 8 | M 20 | 10,5 | 1 | 212,32 |
| 421200010 | | 200 - (8") | 24 | 340 | 295 | 22 | 8 | M 20 | 16,5 | 1 | 363,63 |
| 421250010 | | 250 - (10") | 26 | 395 | 350 | 22 | 12 | M 20 | 24 | 1 | 549,58 |
| 421300010 | | 300 - (12") | 26 | 445 | 400 | 22 | 12 | M 20 | 31 | 1 | 790,67 |
| 421350010 | | 350 - (14") | 26 | 505 | 460 | 22 | 16 | M 20 | 40 | 1 | on demand |
| 421400010 | 400 - (16") | 26 | 565 | 515 | 26 | 16 | M 24 | 50 | 1 | on demand | |
| 421450010 | 450 - (18") | 28 | 615 | 565 | 26 | 20 | M 24 | 63 | 1 | on demand | |
| 421500010 | 500 - (20") | 28 | 670 | 620 | 26 | 20 | M 24 | 75 | 1 | on demand | |



422

FLANGIA CIECA

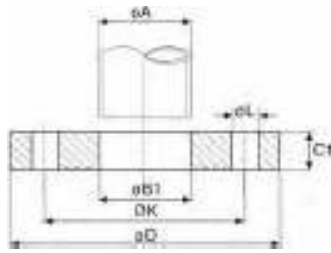
- BLIND FLANGE
- BLINDFLANSCH
- BRIDE PLEINE
- BRIDA CIEGA

MATERIAL: P250GH / C22.8

NORM: EN 1092-1-05 tipo/type "A"

PN 16

| CODE | PN | DN | Flange | | | | Bolts | | kg | € | |
|-----------|---------------|---------------|----------|---------|---------|---------|-------|------|------|---|-----------|
| | | | C4 mm | D mm | K mm | L mm | Nº | Thr. | | | |
| 422015016 | PN10=16=25=40 | 15 - (1/2") | 16 | 95 | 65 | 14 | 4 | M 12 | 0,8 | 1 | 23,73 |
| 422020016 | | 20 - (3/4") | 18 | 105 | 75 | 14 | 4 | M 12 | 1,1 | 1 | 24,62 |
| 422025016 | | 25 - (1") | 18 | 115 | 85 | 14 | 4 | M 12 | 1,4 | 1 | 26,40 |
| 422032016 | | 32 - (1 1/4") | 18 | 140 | 100 | 18 | 4 | M 16 | 2 | 1 | 35,63 |
| 422040016 | | 40 - (1 1/2") | 18 | 150 | 110 | 18 | 4 | M 16 | 2,4 | 1 | 40,58 |
| 422050016 | PN10=16 | 50 - (2") | 18 | 165 | 125 | 18 | 4 | M 16 | 2,9 | 1 | 54,44 |
| 422065016 | | 65 - (2 1/2") | 18 | 185 | 145 | 18 | 8 | M 16 | 3,7 | 1 | 68,01 |
| 422080016 | | 80 - (3") | 20 | 200 | 160 | 18 | 8 | M 16 | 4,6 | 1 | 85,49 |
| 422100016 | | 100 - (4") | 20 | 220 | 180 | 18 | 8 | M 16 | 5,7 | 1 | 106,78 |
| 422125016 | | 125 - (5") | 22 | 250 | 210 | 18 | 8 | M 16 | 8,1 | 1 | 148,70 |
| 422150016 | PN16 | 150 - (6") | 22 | 285 | 240 | 22 | 8 | M 20 | 10,5 | 1 | 212,32 |
| 422200016 | | 200 - (8") | 24 | 340 | 295 | 22 | 12 | M 20 | 16,5 | 1 | 370,45 |
| 422250016 | | 250 - (10") | 26 | 405 | 355 | 26 | 12 | M 24 | 25 | 1 | 560,30 |
| 422300016 | | 300 - (12") | 28 | 460 | 410 | 26 | 12 | M 24 | 35 | 1 | 809,66 |
| 422500016 | | 500 - (20") | 44 | 715 | 650 | 33 | 20 | M 30 | 133 | 1 | on demand |
| 422350016 | PN16 | 350 - (14") | 30 | 520 | 470 | 26 | 16 | M 24 | 48 | 1 | on demand |
| 422400016 | | 400 - (16") | 32 | 580 | 525 | 30 | 16 | M 27 | 63,5 | 1 | on demand |
| 422450016 | | 450 - (18") | 40 | 640 | 585 | 30 | 20 | M 27 | 96,5 | 1 | on demand |



410/I IMPORT

R 30 31

FLANGIA PIANA

- PLATE FLANGE
- GLATTE FLANSCH
- BRIDE PLATE
- BRIDA PLANA

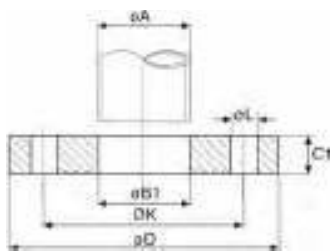
MATERIAL: S 235 JR (R.St. 37.2)
Fino ad esaurimento scorte
Available while supplies last

P 245 GH
Nuovo materiale - New material
EN 1092-1-01 tipo/type "A"

PN 6

NORM:

| CODE | Pipe | | Flange | | | | | Bolts | | kg | € | |
|------------|---------------|-------|--------|------|-------|------|------|-------|------|------|---|--------|
| | DN | A mm | B1 mm | D mm | C1 mm | K mm | L mm | N° | Thr. | | | |
| 410025006I | 25 - [1"] | 33,7 | 34,5 | 100 | 14 | 75 | 11 | 4 | M10 | 0,72 | 1 | 13,22 |
| 410032006I | 32 - [1 1/4"] | 42,4 | 43,5 | 120 | 16 | 90 | 14 | 4 | M12 | 1,16 | 1 | 16,73 |
| 410040006I | 40 - [1 1/2"] | 48,3 | 49,5 | 130 | 16 | 100 | 14 | 4 | M12 | 1,35 | 1 | 25,27 |
| 410050006I | 50 - [2"] | 60,3 | 61,5 | 140 | 16 | 110 | 14 | 4 | M12 | 1,48 | 1 | 26,08 |
| 410065006I | 65 - [2 1/2"] | 76,1 | 77,5 | 160 | 16 | 130 | 14 | 4 | M12 | 1,86 | 1 | 33,48 |
| 410080006I | 80 - [3"] | 88,9 | 90,5 | 190 | 18 | 150 | 18 | 4 | M16 | 2,95 | 1 | 50,16 |
| 410100006I | 100 - [4"] | 114,3 | 116 | 210 | 18 | 170 | 18 | 4 | M16 | 3,26 | 1 | 58,69 |
| 410125006I | 125 - [5"] | 139,7 | 141,5 | 240 | 20 | 200 | 18 | 8 | M16 | 4,31 | 1 | 75,42 |
| 410150006I | 150 - [6"] | 168,3 | 170,5 | 265 | 20 | 225 | 18 | 8 | M16 | 4,76 | 1 | 83,74 |
| 410200006I | 200 - [8"] | 219,1 | 221,5 | 320 | 22 | 280 | 18 | 8 | M16 | 6,88 | 1 | 125,22 |
| 410250006I | 250 - [10"] | 273 | 276,5 | 375 | 24 | 335 | 18 | 12 | M16 | 8,92 | 1 | 161,19 |
| 410300006I | 300 - [12"] | 323,9 | 327,5 | 440 | 24 | 395 | 22 | 12 | M 20 | 11,9 | 1 | 241,19 |



411/I IMPORT

R 30 31

FLANGIA PIANA

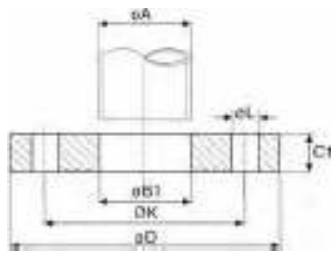
- PLATE FLANGE
- GLATTE FLANSCH
- BRIDE PLATE
- BRIDA PLANA

MATERIAL: S 235 JR (R.St. 37.2)
Fino ad esaurimento scorte
Available while supplies last

P 245 GH
Nuovo materiale - New material
EN 1092-1-01 tipo/type "A"

PN 10 NORM:

| CODE | PN | Pipe | | Flange | | | | | Bolts | | kg | € | |
|------------|---------------|---------------|-------|--------|------|-------|------|------|-------|------|------|---|--------|
| | | DN | A mm | B1 mm | D mm | C1 mm | K mm | L mm | Nº | Thr. | | | |
| 411015010I | PN10=16=25=40 | 15 - (1/2") | 21,3 | 22 | 95 | 14 | 65 | 14 | 4 | M 12 | 0,67 | 1 | 15,74 |
| 411020010I | | 20 - (3/4") | 26,9 | 27,5 | 105 | 16 | 75 | 14 | 4 | M 12 | 0,94 | 1 | 19,57 |
| 411025010I | | 25 - (1") | 33,7 | 34,5 | 115 | 16 | 85 | 14 | 4 | M 12 | 1,11 | 1 | 20,35 |
| 411032010I | | 32 - (1 1/4") | 42,4 | 43,5 | 140 | 18 | 100 | 18 | 4 | M 16 | 1,82 | 1 | 35,76 |
| 411040010I | | 40 - (1 1/2") | 48,3 | 49,5 | 150 | 18 | 110 | 18 | 4 | M 16 | 2,08 | 1 | 36,87 |
| 411050010I | PN10=16 | 50 - (2") | 60,3 | 61,5 | 165 | 20 | 125 | 18 | 4 | M 16 | 2,73 | 1 | 44,89 |
| 411065010I | | 65 - (2 1/2") | 76,1 | 77,5 | 185 | 20 | 145 | 18 | 8 | M 16 | 3,16 | 1 | 53,64 |
| 412080016I | | 80 - (3") | 88,9 | 90,5 | 200 | 20 | 160 | 18 | 8 | M 16 | 3,6 | 1 | 60,04 |
| 411100010I | | 100 - (4") | 114,3 | 116 | 220 | 22 | 180 | 18 | 8 | M 16 | 4,39 | 1 | 75,66 |
| 411125010I | | 125 - (5") | 139,7 | 141,5 | 250 | 22 | 210 | 18 | 8 | M 16 | 5,41 | 1 | 96,11 |
| 411150010I | PN10 | 150 - (6") | 168,3 | 170,5 | 285 | 24 | 240 | 22 | 8 | M 20 | 7,14 | 1 | 118,84 |
| 411200010I | | 200 - (8") | 219,1 | 221,5 | 340 | 24 | 295 | 22 | 8 | M 20 | 9,27 | 1 | 170,53 |
| 411250010I | | 250 - (10") | 273 | 276,5 | 395 | 26 | 350 | 22 | 12 | M 20 | 11,8 | 1 | 210,08 |
| 411300010I | | 300 - (12") | 323,9 | 327,5 | 445 | 26 | 400 | 22 | 12 | M 20 | 13,6 | 1 | 254,46 |
| 411350010I | | 350 - (14") | 355,6 | 359,5 | 505 | 28 | 460 | 22 | 16 | M 20 | 21,8 | 1 | 383,64 |



411/I - 412/I IMPORT

R 30 31

FLANGIA PIANA

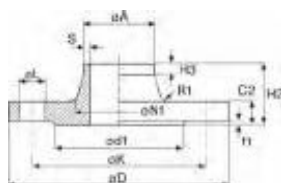
- PLATE FLANGE
- GLATTE FLANSCH
- BRIDE PLATE
- BRIDA PLANA

MATERIAL: S 235 JR (R.St. 37.2)
Fino ad esaurimento scorte
Available while supplies last

P 245 GH
Nuovo materiale - New material
EN 1092-1-01 tipo/type "A"

PN 16
NORM:

| CODE | PN | Pipe | | Flange | | | | | Bolts | | kg | € | |
|------------|---------------|---------------|-------|--------|------|-------|------|------|-------|------|------|---|--------|
| | | DN | A mm | B1 mm | D mm | C1 mm | K mm | L mm | Nº | Thr. | | | |
| 411015010I | PN10=16=25=40 | 15 - (1/2") | 21,3 | 22 | 95 | 14 | 65 | 14 | 4 | M 12 | 0,67 | 1 | 15,74 |
| 411020010I | | 20 - (3/4") | 26,9 | 27,5 | 105 | 16 | 75 | 14 | 4 | M 12 | 0,94 | 1 | 19,57 |
| 411025010I | | 25 - (1") | 33,7 | 34,5 | 115 | 16 | 85 | 14 | 4 | M 12 | 1,11 | 1 | 20,35 |
| 411032010I | | 32 - (1 1/4") | 42,4 | 43,5 | 140 | 18 | 100 | 18 | 4 | M 16 | 1,82 | 1 | 35,76 |
| 411040010I | PN10=16 | 40 - (1 1/2") | 48,3 | 49,5 | 150 | 18 | 110 | 18 | 4 | M 16 | 2,08 | 1 | 36,87 |
| 411050010I | | 50 - (2") | 60,3 | 61,5 | 165 | 20 | 125 | 18 | 4 | M 16 | 2,73 | 1 | 44,89 |
| 411065010I | | 65 - (2 1/2") | 76,1 | 77,5 | 185 | 20 | 145 | 18 | 8 | M 16 | 3,16 | 1 | 53,64 |
| 412080016I | | 80 - (3") | 88,9 | 90,5 | 200 | 20 | 160 | 18 | 8 | M 16 | 3,6 | 1 | 60,04 |
| 411100010I | | 100 - (4") | 114,3 | 116 | 220 | 22 | 180 | 18 | 8 | M 16 | 4,39 | 1 | 75,66 |
| 411125010I | PN16 | 125 - (5") | 139,7 | 141,5 | 250 | 22 | 210 | 18 | 8 | M 16 | 5,41 | 1 | 96,11 |
| 411150010I | | 150 - (6") | 168,3 | 170,5 | 285 | 24 | 240 | 22 | 8 | M 20 | 7,14 | 1 | 118,84 |
| 412200016I | | 200 - (8") | 219,1 | 221,5 | 340 | 26 | 295 | 22 | 12 | M 20 | 9,73 | 1 | 172,14 |
| 412250016I | | 250 - (10") | 273 | 276,5 | 405 | 29 | 355 | 26 | 12 | M 24 | 14,2 | 1 | 246,09 |
| 412300016I | PN16 | 300 - (12") | 323,9 | 327,5 | 460 | 32 | 410 | 26 | 12 | M 24 | 19,0 | 1 | 348,18 |
| 412350016I | | 350 - (14") | 355,6 | 359 | 520 | 35 | 470 | 26 | 16 | M 24 | 28,2 | 1 | 501,79 |

**414/415 IMPORT****R 30 31****FLANGIA A COLLARINO**

- WELDING NECK FLANGE
- VORSCHWEISS-FLANSCH
- BRIDE COLLERETTE
- BRIDA CUELLO

PN 10

MATERIAL: P250GH / C22.8
NORM: EN 1092-1-11 tipo/type "B1"

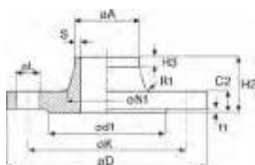
| CODE | PN | Pipe | | Flange | | | | | | | | | | | Bolts | | kg | € | |
|------------|---------|--------------|-------|--------|----|----|-----|-----|----|----|-----|-----|----|----|-------|------|------|---|--------|
| | | DN | A mm | D | C2 | H2 | N1 | S | R1 | H3 | d1 | K | f1 | L | N° | Thr. | | | |
| 415025016I | PN10=40 | 25 - (1") | 33,7 | 115 | 18 | 40 | 46 | 2,6 | 4 | 6 | 68 | 85 | 2 | 14 | 4 | M 12 | 1,3 | 1 | 32,54 |
| 415032016I | | 32 - (1"1/4) | 42,4 | 140 | 18 | 42 | 56 | 2,6 | 6 | 6 | 78 | 100 | 2 | 18 | 4 | M 16 | 1,91 | 1 | 39,95 |
| 415040016I | | 40 - (1"1/2) | 48,3 | 150 | 18 | 45 | 64 | 2,6 | 6 | 7 | 88 | 110 | 3 | 18 | 4 | M 16 | 2,15 | 1 | 40,36 |
| 415050016I | | 50 - (2") | 60,3 | 165 | 18 | 45 | 74 | 2,9 | 6 | 8 | 102 | 125 | 3 | 18 | 4 | M 16 | 2,53 | 1 | 44,17 |
| 415065016I | PN10=16 | 65 - (2"1/2) | 76,1 | 185 | 18 | 45 | 92 | 2,9 | 6 | 10 | 122 | 145 | 3 | 18 | 8 | M 16 | 3,03 | 1 | 52,89 |
| 415080016I | | 80 - (3") | 88,9 | 200 | 20 | 50 | 105 | 3,2 | 6 | 10 | 138 | 160 | 3 | 18 | 8 | M 16 | 3,92 | 1 | 68,43 |
| 415100016I | | 100 - (4") | 114,3 | 220 | 20 | 52 | 131 | 3,6 | 8 | 12 | 158 | 180 | 3 | 18 | 8 | M 16 | 4,62 | 1 | 84,33 |
| 415125016I | | 125 - (5") | 139,7 | 250 | 22 | 55 | 156 | 4 | 8 | 12 | 188 | 210 | 3 | 18 | 8 | M 16 | 6,3 | 1 | 114,95 |
| 415150016I | PN10 | 150 - (6") | 168,3 | 285 | 22 | 55 | 184 | 4,5 | 10 | 12 | 212 | 240 | 3 | 22 | 8 | M 20 | 7,75 | 1 | 142,53 |
| 414200010I | | 200 - (8") | 219,1 | 340 | 24 | 62 | 234 | 6,3 | 10 | 16 | 268 | 295 | 3 | 22 | 8 | M 20 | 11,3 | 1 | 211,72 |
| 414250010I | | 250 - (10") | 273 | 395 | 26 | 68 | 292 | 6,3 | 12 | 16 | 320 | 350 | 3 | 22 | 12 | M 20 | 15,8 | 1 | 288,37 |
| 414300010I | | 300 - (12") | 323,9 | 445 | 26 | 68 | 342 | 7,1 | 12 | 16 | 370 | 400 | 4 | 22 | 12 | M 20 | 18,3 | 1 | 333,93 |

415 IMPORT**R 30 31****FLANGIA A COLLARINO**

- WELDING NECK FLANGE
- VORSCHWEISS-FLANSCH
- BRIDE COLLERETTE
- BRIDA CUELLO

PN 16

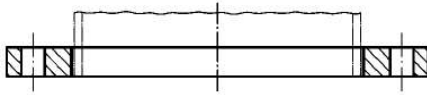
MATERIAL: P250GH / C22.8
NORM: EN 1092-1-11 tipo/type "B1"



| CODE | PN | Pipe | | Flange | | | | | | | | | | | Bolts | | kg | € | |
|------------|---------|--------------|-------|--------|----|----|-----|-----|----|----|-----|-----|----|----|-------|------|------|---|--------|
| | | DN | A mm | D | C2 | H2 | N1 | S | R1 | H3 | d1 | K | f1 | L | N° | Thr. | | | |
| 415025016I | PN10=40 | 25 - (1") | 33,7 | 115 | 18 | 40 | 46 | 2,6 | 4 | 6 | 68 | 85 | 2 | 14 | 4 | M 12 | 1,3 | 1 | 32,54 |
| 415032016I | | 32 - (1"1/4) | 42,4 | 140 | 18 | 42 | 56 | 2,6 | 6 | 6 | 78 | 100 | 2 | 18 | 4 | M 16 | 1,91 | 1 | 39,95 |
| 415040016I | | 40 - (1"1/2) | 48,3 | 150 | 18 | 45 | 64 | 2,6 | 6 | 7 | 88 | 110 | 3 | 18 | 4 | M 16 | 2,15 | 1 | 40,36 |
| 415050016I | | 50 - (2") | 60,3 | 165 | 18 | 45 | 74 | 2,9 | 6 | 8 | 102 | 125 | 3 | 18 | 4 | M 16 | 2,53 | 1 | 44,17 |
| 415065016I | PN10=16 | 65 - (2"1/2) | 76,1 | 185 | 18 | 45 | 92 | 2,9 | 6 | 10 | 122 | 145 | 3 | 18 | 8 | M 16 | 3,03 | 1 | 52,89 |
| 415080016I | | 80 - (3") | 88,9 | 200 | 20 | 50 | 105 | 3,2 | 6 | 10 | 138 | 160 | 3 | 18 | 8 | M 16 | 3,92 | 1 | 68,43 |
| 415100016I | | 100 - (4") | 114,3 | 220 | 20 | 52 | 131 | 3,6 | 8 | 12 | 158 | 180 | 3 | 18 | 8 | M 16 | 4,62 | 1 | 84,33 |
| 415125016I | | 125 - (5") | 139,7 | 250 | 22 | 55 | 156 | 4 | 8 | 12 | 188 | 210 | 3 | 18 | 8 | M 16 | 6,3 | 1 | 114,95 |
| 415150016I | PN16 | 150 - (6") | 168,3 | 285 | 22 | 55 | 184 | 4,5 | 10 | 12 | 212 | 240 | 3 | 22 | 8 | M 20 | 7,75 | 1 | 142,53 |
| 415200016I | | 200 - (8") | 219,1 | 340 | 24 | 62 | 235 | 6,3 | 10 | 16 | 268 | 295 | 3 | 22 | 12 | M 20 | 11,2 | 1 | 213,84 |
| 415250016I | | 250 - (10") | 273 | 405 | 26 | 70 | 292 | 6,3 | 12 | 16 | 320 | 355 | 3 | 26 | 12 | M 24 | 16,7 | 1 | 304,74 |
| 415300016I | | 300 - (12") | 323,9 | 460 | 28 | 78 | 344 | 7,1 | 12 | 16 | 378 | 410 | 4 | 26 | 12 | M 24 | 22,1 | 1 | 403,27 |

FOCUS ON

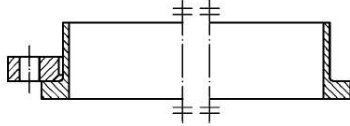
TIPI DI FLANGE / FLANGE TYPES - NORMA / NORM EN 1092-1



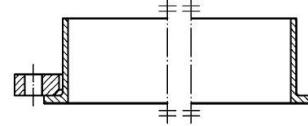
Type 01: Flangia a piastra (piana) da saldare
Plate flange for welding



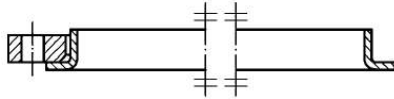
Type 02: Flangia libera piana con collarino a saldare o con estremità tubo a sovrapposizione
Loose plate flange with weld-on collar or lapped pipe end



Type 02: Flangia libera piana con colletto ad anello a saldare
Loose plate flange with weld ring neck



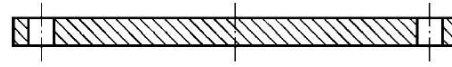
Type 02: Flangia libera piana con anello stampato a collo lungo
Loose plate flange with pressed collar with long neck



Type 02: Flangia libera piana con collarino stampato
Loose plate flange with pressed collar



Type 04: Flangia a piastra mobile con colletto a saldare su collare
Loose plate flange with weld-neck collar



Type 05: Flangia cieca / *Blind flange*



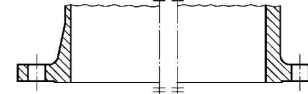
Type 11: Flangia a collarino da saldare / *Weld-neck flange*



Type 12: Flangia con collare e manicotto, da saldare
Hubbed slip-on flange for welding



Type 13: Flangia con manicotto filettato
Hubbed threaded flange



Type 21: Flangia monoblocco / *Integral flange*

TIPI DI SEDE FLANGE / FLANGE FACING TYPES - NORMA / NORM EN 1092-1



Tipo / type A
Superficie di tenuta piatta
Flat face



Tipo / type B
Tenuta a gradino (B1 e B2)
Raised face (B1 and B2)



Tipo / type C
A linguetta
Tongue



Tipo / type D
A scanalatura
Groove



Tipo / type E
A imboccatura
Spigot



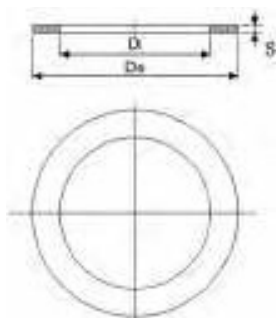
Tipo / type F
Incassata
Recess



Tipo / type G
A imboccatura con anello toroidale
O-ring spigot



Tipo / type H
A scanalatura con anello toroidale
O-ring groove

**434/PN 6****R 30 30****GUARNIZIONE ECOLOGICA PER FLANGE**

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

MATERIAL: Sesalit Eco**NORM:** EN 1092-1**PN 6**

| CODE | DN | De mm | Di mm | S mm | | | € |
|-----------|---------------|----------|----------|---------|-----|----|-------|
| 434015006 | 15 - [1/2"] | 44 | 20 | 2 | 4 | 10 | 0,86 |
| 434020006 | 20 - [3/4"] | 54 | 25 | 2 | 6 | 10 | 1,26 |
| 434025006 | 25 - [1"] | 64 | 30 | 2 | 9 | 10 | 1,75 |
| 434032006 | 32 - [1 1/4"] | 75 | 38 | 2 | 11 | 10 | 2,35 |
| 434040006 | 40 - [1 1/2"] | 85 | 45 | 2 | 14 | 10 | 3,07 |
| 434050006 | 50 - [2"] | 95 | 57 | 2 | 15 | 10 | 4,67 |
| 434065006 | 65 - [2 1/2"] | 115 | 76 | 2 | 19 | 10 | 6,43 |
| 434080006 | 80 - [3"] | 132 | 89 | 2 | 26 | 10 | 7,62 |
| 434100006 | 100 - [4"] | 152 | 108 | 2 | 29 | 10 | 9,02 |
| 434125006 | 125 - [5"] | 182 | 133 | 2 | 41 | 10 | 12,54 |
| 434150006 | 150 - [6"] | 207 | 160 | 2 | 38 | 10 | 14,28 |
| 434200006 | 200 - [8"] | 262 | 218 | 2 | 58 | 10 | 22,26 |
| 434250006 | 250 - [10"] | 317 | 273 | 2 | 78 | 10 | 29,66 |
| 434300006 | 300 - [12"] | 373 | 318 | 2 | 113 | 10 | 32,04 |

Sesalit ECO: fibre organiche e sintetiche legate con gomma NBR/SBR esente amianto**IMPIEGHI:** Acqua calda e fredda, olii vegetali ed animali, aria, alcuni carburanti (no GAS)**LIMITI DI TEMPERATURA ORIENTATIVI**

Temperatura massima per brevi esposizioni: 180°-200° C

Temperatura massima di esercizio continuo per fluidi non aggressivi: 140° C

Temperatura massima di esercizio continuo con vapore: 110° C

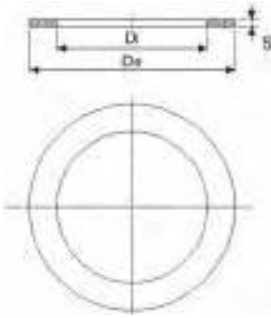
OMOLOGAZIONI: acqua potabile WRAS n° 1605525**Sesalit ECO:** organic and synthetic fibers bonded with NBR/SBR asbestos-free**USES:** hot and cold water, vegetable and animal oils, air, some fuels (no GAS)**GUIDELINE TEMPERATURE LIMITS**

Maximum temperature for short exposure: 180°-200° C

Maximum operating temperature for continuous non-aggressive fluids: 140° C

Maximum temperature for continuous operation with steam: 110° C



APPROVAL: potable water WRAS n° 1605525

**434/PN 10/16****R 30 30****GUARNIZIONE ECOLOGICA PER FLANGE**

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

MATERIAL: Sesalit Eco
NORM: EN 1092-1

**PN
10/16**

| CODE | DN | De mm | Di mm | S mm |  |  | € |
|-----------|---------------|----------|----------|---------|---|---|-------|
| 434015000 | 15 - (1/2") | 50 | 20 | 2 | 6 | 10 | 0,86 |
| 434020000 | 20 - (3/4") | 60 | 25 | 2 | 8 | 10 | 1,24 |
| 434025000 | 25 - (1") | 70 | 30 | 2 | 10 | 10 | 1,74 |
| 434032000 | 32 - (1 1/4") | 82 | 38 | 2 | 14 | 10 | 2,35 |
| 434040000 | 40 - (1 1/2") | 92 | 45 | 2 | 17 | 10 | 3,07 |
| 434050000 | 50 - (2") | 108 | 57 | 2 | 22 | 10 | 4,62 |
| 434065000 | 65 - (2 1/2") | 127 | 76 | 2 | 27 | 10 | 6,38 |
| 434080000 | 80 - (3") | 142 | 89 | 2 | 30 | 10 | 7,55 |
| 434100000 | 100 - (4") | 162 | 108 | 2 | 38 | 10 | 8,66 |
| 434125000 | 125 - (5") | 192 | 140 | 2 | 44 | 10 | 12,18 |
| 434150000 | 150 - (6") | 218 | 169 | 2 | 55 | 10 | 13,90 |
| 434200000 | 200 - (8") | 273 | 218 | 2 | 71 | 10 | 21,53 |
| 434250000 | 250 - (10") | 328 | 273 | 2 | 91 | 10 | 28,91 |
| 434300000 | 300 - (12") | 378 | 318 | 2 | 137 | 10 | 31,38 |
| 434350000 | 350 - (14") | 438 | 368 | 2 | 162 | 10 | 42,67 |
| 434400000 | 400 - (16") | 490 | 420 | 2 | 180 | 10 | 53,29 |

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

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






435/000

BULLONE E DADO ZINCATI PER FLANGIA

- GALVANISED HEXAGONAL BOLT AND NUT FOR FLANGE
- SCHRAUBEN UND MUTTEN VERZINKT FÜR FLANSCH
- BOULON D'ASSEMBLAGE GALVANISÉ À TÊTE HEXAGONALE POUR BRIDE
- TORNILLO Y TUERCA PARA BRIDA

MATERIAL: 8.8 min. ISO 898-1

| CODE | Measure |  |  |  | € |
|-----------|------------------------------|---|---|---|-------|
| 435012000 | M 12 x 50 + dado / nut M 12 | 70 | 4 | 80* | 3,03 |
| 435016000 | M 16 x 65 + dado / nut M 16 | 154 | 4 | 40* | 6,15 |
| 435016080 | M 16 x 80 + dado / nut M 16 | 197 | 4* | 24 | 6,60 |
| 435016090 | M 16 x 90 + dado / nut M 16 | 212 | 4* | 24 | 7,21 |
| 435016095 | M 16 x 95 + dado / nut M 16 | 220 | 4* | 24 | 11,03 |
| 435016100 | M 16 x 100 + dado / nut M 16 | 228 | 4* | 24 | 7,83 |
| 435016110 | M 16 x 110 + dado / nut M 16 | 243 | 4* | 24 | 8,46 |
| 435016120 | M 16 x 120 + dado / nut M 16 | 259 | 4* | 24 | 9,17 |
| 435016130 | M 16 x 130 + dado / nut M 16 | 273 | 4* | 24 | 11,45 |
| 435016140 | M 16 x 140 + dado / nut M 16 | 288 | 4* | 24 | 13,83 |
| 435020000 | M 20 x 80 + dado / nut M 20 | 300 | 4 | 24* | 11,07 |
| 435020100 | M 20 x 100 + dado / nut M 24 | 374 | 4* | 24 | 13,71 |
| 435020110 | M 20 x 110 + dado / nut M 24 | 398 | 4* | 24 | 17,60 |
| 435020150 | M 20 x 150 + dado / nut M 24 | 493 | 4* | 24 | 25,59 |
| 435020160 | M 20 x 160 + dado / nut M 24 | 517 | 4* | 24 | 28,71 |
| 435024000 | M 24 x 100 + dado / nut M 24 | 610 | 4 | 24* | 20,82 |

[*] unità minima di vendita / minimum selling quantity

FOCUS ON

BULLONI PER FLANGE / BOLTS AND NUTS FOR FLANGES



| DN | DN inch | PN6 | | PN10 | | PN16 | | PN25 | | PN40 | |
|-----|---------|--------|----------|--------|----------|--------|----------|---------|----------|---------|----------|
| | | viti | N° pezzi | viti | N° pezzi | viti | N° pezzi | viti | N° pezzi | viti | N° pezzi |
| 15 | 1/2" | M10x45 | 4 | M12x50 | 4 | M12x50 | 4 | M12x50 | 4 | M12x50 | 4 |
| 20 | 3/4" | M10x45 | 4 | M12x50 | 4 | M12x50 | 4 | M12x50 | 4 | M12x50 | 4 |
| 25 | 1" | M10x45 | 4 | M12x50 | 4 | M12x50 | 4 | M12x50 | 4 | M12x50 | 4 |
| 32 | 1" 1/4 | M12x50 | 4 | M16x65 | 4 | M16x65 | 4 | M16x65 | 4 | M16x65 | 4 |
| 40 | 1" 1/2 | M12x50 | 4 | M16x65 | 4 | M16x65 | 4 | M16x65 | 4 | M16x65 | 4 |
| 50 | 2" | M12x50 | 4 | M16x65 | 4 | M16x65 | 4 | M16x65 | 4 | M16x65 | 4 |
| 65 | 2" 1/2 | M12x50 | 4 | M16x65 | 8 | M16x65 | 8 | M16x65 | 8 | M16x65 | 8 |
| 80 | 3" | M16x65 | 4 | M16x65 | 8 | M16x65 | 8 | M16x65 | 8 | M16x65 | 8 |
| 100 | 4" | M16x65 | 4 | M16x65 | 8 | M16x65 | 8 | M20x80 | 8 | M20x80 | 8 |
| 125 | 5" | M16x65 | 8 | M16x65 | 8 | M16x65 | 8 | M24x100 | 8 | M24x100 | 8 |
| 150 | 6" | M16x65 | 8 | M20x80 | 8 | M20x80 | 8 | M24x100 | 8 | M24x100 | 8 |
| 200 | 8" | M16x65 | 8 | M20x80 | 8 | M20x80 | 12 | M24x100 | 12 | M27x100 | 12 |

NOTE

M10x45 - M27x100 = Non presenti in assortimento / Absent on product range.

**224****R 40 42****NASTRO PTFE SPESSORE 0,075 MM**

- PTFE TAPE
- TEFLONBAND
- ROULEAU DE TEFLON
- CINTA DE TEFLON

| CODE | Measure | Thickness mm |  g |  | € |
|-----------|---------------------|-----------------|---|---|------|
| 224102010 | 1/2" (12 mm) x 10 m | 0,075 | 10 | 200 | 0,90 |
| 224102012 | 1/2" (12 mm) x 12 m | 0,075 | 10 | 200 | 0,99 |
| 224304012 | 3/4" (19 mm) x 12 m | 0,075 | 14 | 100 | 1,79 |
| 224304050 | 3/4" (19 mm) x 50 m | 0,075 | 42 | 50 | 6,67 |
| 224100050 | 1" (25 mm) x 50 m | 0,075 | 68 | 50 | 8,47 |

Tolleranze dimensionali: lunghezza +/- 5% larghezza +/- 0,5 mm spessore +/- 0,015 mm densità +/- 5%
Temperatura di utilizzo: da -40° a 260° C Stabilità: fino alla temperatura di 260° C

Dimensional tolerances: length +/- 5% width +/- 0,5 mm +/- 0,015 mm thickness Density +/- 5%
Temperature range: from -40° to 260° C Stability: up to 260° C

**224 GAS****R 40 42****NASTRO PTFE GAS SPESSORE 0,2 MM**

- PTFE GAS TAPE
- TEFLONBAND GAS
- ROULEAU DE TEFLON GAS
- CINTA DE TEFLON GAS

| CODE | Measure | Thickness mm |  g |  | € |
|-----------|---------------------|-----------------|---|---|------|
| 224102200 | 1/2" (12 mm) x 12 m | 0,2 | 26 | 100 | 4,10 |

TOLLERANZE DIMENSIONALI: lunghezza +/- 5% larghezza +/- 0,5 mm spessore +/- 0,015 mm densità +/- 5%
TEMPERATURA DI UTILIZZO: da -40° a 260° C Stabilità: fino alla temperatura di 260° C

DIMENSIONAL TOLERANCES: length +/- 5% width +/- 0,5 mm +/- 0,015 mm thickness Density +/- 5%
TEMPERATURE RANGE: from -40° to 260° C Stability: up to 260° C

**224 GAS 15****R 40 42****NASTRO PTFE GAS SPESSORE 0,2 MM**

- PTFE GAS TAPE
- TEFLONBAND GAS
- ROULEAU DE TEFLON GAS
- CINTA DE TEFLON GAS

| CODE | Measure | Thickness mm |  g |  | € |
|-----------|---------------------|-----------------|---|---|------|
| 224304201 | 3/4" (19 mm) x 15 m | 0,2 | 48 | 10 | 6,66 |

TOLLERANZE DIMENSIONALI: lunghezza +/- 5% larghezza +/- 0,5 mm spessore +/- 0,015 mm densità +/- 5%
TEMPERATURA DI UTILIZZO: da -40° a 260° C Stabilità: fino alla temperatura di 260° C



DIMENSIONAL TOLERANCES: length +/- 5% width +/- 0,5 mm +/- 0,015 mm thickness Density +/- 5%
TEMPERATURE RANGE: from -40° to 260° C Stability: up to 260° C



227

CANAPA EXTRA FINE BIANCA

- HEMP
- HANF
- FILASSE
- CAÑAMO

| CODE | Description |  |  | €/Kg |
|-----------|--|---|---|-------|
| 227000000 | Balla da 50 Kg - Bale of 50 Kg | 50 | 1 | 44,42 |
| 227100000 | Imballo in sacchetti da 1 kg - Bag of 1 Kg | 5 | 1 | 59,98 |
| 227250000 | Imballo in sacchetti da 250 gr - Bag of 250 gr | 5 | 1 | 63,79 |

La canapa è un prodotto naturale e non sono presenti materie chimiche nel processo di produzione e trattamento.
Fasi di produzione: dopo la coltivazione del lino, viene macerato e diviene lino gramolato che, attraverso la macchina pettinatrice, viene manualmente trasformato in canapa senza alcuna aggiunta chimica.



Hemp its a natural product and there is not chemical materials in the process of the production and treatment.
Production steps: after cultivation flax is macerated, becoming rippled flax, which through the hacking machine is manually transformed into hemp without addition of chemical materials.



228

PASTA VERDE

- GREEN PASTE
- GRÜNE PASTE
- PATE VERTE
- PASTA VERDE

| CODE | Description |  |  | € |
|-----------|---|---|---|------|
| 228000000 | Pasta verde - green paste | 474 | 30 | 6,04 |
| 228000001 | Pasta verde per gas - Green paste for gas | 474 | 30 | 8,56 |

IMPIEGHI

Mastice in pasta per la sigillatura di giunti e raccordi filettati delle condotte di acqua fredda e calda, gas, aria. Non indicato per GPL. Mastice di elevata qualità da usare con canapa non è tossico, non secca, durevolmente morbido, ottima aderenza su filettature bagnate e unte, giunzioni svitabili in ogni momento.

Temperatura utilizzo: -20°C ÷ 70°C Gas -20°C ÷ 90°C Acqua

MODALITA' DI APPLICAZIONE

1. Rimuovere olio, grasso, sporco e oli da taglio residui dalle filettature.
2. Applicare la canapa sulla filettatura di un tubo avvolgendola secondo il senso di avvitamento.
3. Stendere un velo di pasta col dito, spalmandola sempre nel senso della filettatura e facendo in modo che essa incorpori la canapa e la mantenga senza sfilacciature.

Il suo compito è quello di creare, insieme alla canapa, durante l'avvitatura del tubo, una barriera sigillante contro le fughe di acqua o del fluido che è destinato a scorrere nel tubo. Il tutto preservando i raccordi dalla ruggine, dall'invecchiamento, rendendoli facilmente smontabili.

APPLICATIONS

Mastic paste for sealing joints and threaded connections of cold and hot water pipes, gas, air. Not suitable for LPG. Mastic of high quality to be used with hems is non-toxic, non-drying, permanently soft, good grip on wet and greasy thread, joints unscrewed at any time.

Temperature: -20°C ÷ 70°C Gas -20°C ÷ 90°C water

IMPLEMENTING RULES

1. Remove oil, grease, dirt and oils and cutting debris from the threads.
 2. Apply the hemp on the tube thread by wrapping it along the direction of screwing.
 3. Spread a thin layer of dough with a finger, spalmandola always in the direction of the thread, and making sure that it incorporates hemp and keep lint.
- Its use is to create, together with hemp, during tightening of the tube, a barrier sealant against leaks of water or fluid that cross into the tube. All to save the fittings from rusting, aging, making them easily removable.



229

SIGILLANTE ANAEROBICO

- ANAEROBIC ADHESIVE
- ANAEROBE DICHTUNG
- SCELLAGE D'ÉTANCHEITÉ
- SELLANTE ANAEROBICO

NOTE: Omologazione DVGW GAS

| CODE | Quantity | | | € |
|-----------|----------|-----|----|-------|
| 229000050 | 50 ml | 74 | 12 | 16,51 |
| 229000100 | 100 ml | 128 | 10 | 21,26 |

DESCRIZIONE DEL PRODOTTO

Selon 616 è un prodotto anaerobico monocomponente adatto alla sigillatura di parti filettate e piane in impianti civili ed industriali di acqua, aria, gas, gasolio, GPL, ecc. il prodotto è conforme alla norma DIN EN 751-1. Può essere impiegato su raccordi fino a 2' con filettature a norma. Il prodotto polimerizza spontaneamente quando si trova in assenza d'aria all'interno di superfici metalliche. SIGILLANTE DI MEDIA RESISTENZA. MOLTISSIME AREE DI UTILIZZO: ARIA, GAS, ACQUA. RAPIDO ANCHE ALLE BASSE TEMPERATURE. **OMOLOGATO PER GAS DVGW - CERTIFICAZIONE NR NG-5146BM0328**

CARATTERISTICHE DEL PRODOTTO LIQUIDO

NATURA: Resina metacrilica anaerobica
 COLORE: Blu
 VISCOSITA' 25°C: 30.000-60.000 mPa.s
 PESO SPECIFICO (g/ml): 1,07
 INFIAMMABILITÀ: >100°C
 Conservazione del prodotto: Luogo fresco e asciutto
 Stabilità a magazzino: 16 mesi a temperatura +5°C e +28°C.

PRESTAZIONI DEL PRODOTTO POLIMERIZZATO

Velocità di reazione - blocco alla mano: 10-15 minuti
 Coppia di svitamento Iniziale ISO-10964: 20-28 N.m
 Coppia di svitamento Residua ISO-10964: 10-15 N.m
 Indurimento funzionale: 3-6 ore
 Indurimento finale: 12-24 ore
 Temperatura di esercizio: -50 °C +150 °C
 Gioco max diametrale: 0,30 mm

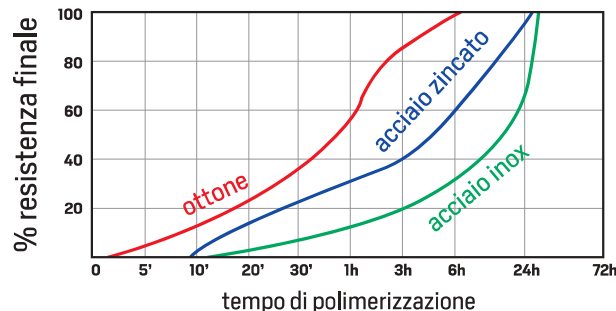
INFORMAZIONI SULLA POLIMERIZZAZIONE

La velocità di polimerizzazione è influenzata da due fattori principali: natura dei materiali, temperatura alla quale avviene la reazione. Il grafico seguente dimostra il comportamento del prodotto su alcuni tipi di metallo. Le prove sono state condotte utilizzando viti M10 e valvate secondo le norme ISO 10964. La temperatura ambientale influenza la velocità di reazione. La temperatura ideale di polimerizzazione è compresa tra 20°C e 25°C. Temperature comprese tra i 5°C e 20°C rallentano la reazione, temperature superiori la velocizzano.

RESISTENZA AI PRODOTTI CHIMICI

Metodo di prova ISO 10964 (testato a 22°C).
 Coppia di svitamento % valutata dopo immersione.

| | T °C | 100 h | 500 h | 1000 h |
|-------------------|------|-------|-------|--------|
| Acqua/Glicole | 85 | 110 | 110 | 105 |
| Liquido per freni | 22 | 100 | 100 | 100 |
| Olio motore | 125 | 105 | 110 | 110 |
| Acetone | 22 | 105 | 100 | 105 |
| Benzina | 22 | 105 | 105 | 105 |



ISTRUZIONI PER UN CORRETTO UTILIZZO

Questo prodotto non è adatto per accoppiamenti metallo-plastica e in circuiti d'ossigeno nonché per la sigillatura di impianti con prodotti basici o acidi fortemente ossidanti. Utilizzare su filettature metalliche a norma pulite e sgrassate. Applicare il prodotto sui primi giri di filetto maschio e mezzo giro sulla femmina. E' fondamentale serrare a fondo. Una chiusura blanda e superficiale può causare perdite nel tempo. Non aprire ne orientare i giunti dopo il serraggio. Prima di mettere in funzione l'impianto attendere 24 ore per consentire la completa polimerizzazione del sigillante. In caso di montaggio in serie si consiglia di bloccare con un giratubi la giunzione precedente onde evitare la rottura del film in fase di formazione. Su superfici metalliche passivate utilizzare il prodotto in combinazione all'attivatore SELON 7300. Consultare la scheda di sicurezza prima dell'uso.

INFORMAZIONI GENERALI

I dati contenuti in questo documento sono forniti a titolo informativo ma non costituiscono specifica di fornitura anche se sono considerati affidabili in quanto prodotti nei nostri laboratori. Non possiamo assumerci la responsabilità di risultati ottenuti da terzi dove i metodi di lavoro non sono sotto il nostro diretto controllo. È responsabilità dell'utilizzatore verificare la validità delle caratteristiche del prodotto in relazione alle sue necessità produttive e di adottare tutte le necessarie misure per la protezione delle persone e delle cose dalle situazioni che si possono verificare con la messa in opera del prodotto.

PRODUCT DESCRIPTION

SELON 616 is an anaerobic single component product suitable to seal metal threaded joints in according to din standard up to 2' against water, compressed air, gas, gasoline, GPL, in private and industrial plants. The product cures spontaneously and rapidly when confined in absence of air between close metal surfaces. SELON 616 complies with EN 751-1 for gas and hot water approved. Tixotropic product with middle mechanical strength for lock and seal threaded metal parts and smooth pairings.

APPROVED FOR GAS BY DVGW (GERMANY) EN751-1. APPROVAL NR NG 5146BSM0328

PROPERTIES OF UNCURED MATERIAL

NATURE: Methacrylic Anaerobic Resin

COLOR: Blue

VISCOSITY 25°C: 30.000–60.000 mPa.s

SPECIFIC GRAVITY [g/ml]: 1,07

FLASH POINT: >100°C

PRODUCT STORAGE: Cool and dry place

SHELF LIFE: 16 months at temperature +5 °C to +28 °C.

FEATURES OF CURED PRODUCT

HANDLING CURE TIME 10–15 minutes

BREAKAWAY TORQUE ISO-10964: 15–20 N.m

PREVAILING TORQUE ISO-10964: 10–15 N.m

FUNCTIONAL CURE TIME: 3–6 hours

FULL CURE TIME: 12–24 hours

TEMPERATURE RANGE: -50°C +150°C

MAX GAP FILL: 0,30 mm

POLIMERIZATION INFORMATIONS

Curing time depend on main factors: kind of metals and gap fill dimension.

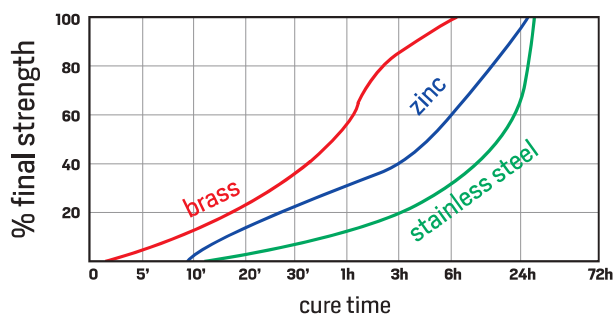
The graph below shows the strength developed with time on some kind of metal. The different materials have been tested according to ISO 10964. The right temperature range of cure is from +20°C to +25°C. Low temperature from +5°C to +20°C increase curing time, higher temperature reduce polymerization time.

CHEMICAL RESISTANCE

Test method ISO 10964 (tested at 22°C)

Breakaway torque % after immersion.

| | T °C | 100 h | 500 h | 1000 h |
|--------------|------|-------|-------|--------|
| Water/Glycol | 85 | 110 | 110 | 105 |
| Brake Fluid | 22 | 100 | 100 | 100 |
| Motor Oil | 125 | 105 | 110 | 110 |
| Acetone | 22 | 105 | 100 | 105 |
| Gasoline | 22 | 105 | 105 | 105 |



INSTRUCTION FOR USE

This product is not suitable for metal-plastic couplings and oxygen facilities as well as for the sealing of basic products or systems with strong oxidizing acids. Use only on standard metal threads. Surface must be clean and free of grease. Apply product to fill completely the gap (male and female parts), assemble parts and shut completely. A bland or superficial closure may cause leaks over time. Don't after tightening. Before operating the system to wait 24 hours to allow complete curing time of Selon sealant. In the case of series, locking the joint with a pipe wrench to avoid breaking the previous film in its formative stages. In case of passive surfaces and/or low temperature a fast cure can be obtained using Selon 7300 activator. Consult the MSDS before use.

GENERAL INFORMATION

The data contained in this document are provided for information purposes but are not specific supply even if they are considered as reliable products in our laboratories. We can not take responsibility for results obtained by others where the methods of work are not under our direct control. It is your responsibility to verify the validity of the product characteristics in relation to its production needs and to take all necessary measures for the protection of people and things from the situations that may occur with the implementation of the product.

