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FLANGE LIBERE CON ANELLO  
SERIE UNI/DIN PN 10-16-25-40  
LAP-JOINT FLANGES WITH PLAIN COLLAR  
SERIES UNI/DIN PN 10-16-25-40

STANDARD N° 2.000.405

REV. 05

PAGINA  
PAGE

1

DI  
OF

5

SOSTITUISCE  
REPLACES

Parz. 2.000.403/416/418



|      |       |                                                                                                                      |   |   |   |   |   |   |   |   |  |            |  |  |             |  |  |                  |  |  |
|------|-------|----------------------------------------------------------------------------------------------------------------------|---|---|---|---|---|---|---|---|--|------------|--|--|-------------|--|--|------------------|--|--|
| 05   | 07/97 | Revised codes plain collars AISI 304 PN 10 from DN 25 to DN 150                                                      |   |   |   |   |   |   |   |   |  |            |  |  |             |  |  |                  |  |  |
|      |       | Pag.                                                                                                                 | 1 | 2 | 3 | 4 | 5 |   |   |   |  |            |  |  |             |  |  |                  |  |  |
|      |       | Rev.                                                                                                                 | 5 | 5 | 4 | 4 | 4 |   |   |   |  |            |  |  |             |  |  |                  |  |  |
| 04   | 04/97 | Grouped lap-joint flanges from 2.000.403/416/418; Ins. WN flgs in 2.000.404 and blind flgs in 2.000.400              |   |   |   |   |   |   |   |   |  | Zorzut DTN |  |  | Barbante DE |  |  | Dalla Franc. UGQ |  |  |
|      |       | Pag.                                                                                                                 | 1 | 2 | 3 | 4 | 5 |   |   |   |  |            |  |  |             |  |  |                  |  |  |
|      |       | Rev.                                                                                                                 | 4 | 4 | 4 | 4 | 4 |   |   |   |  |            |  |  |             |  |  |                  |  |  |
| 03   | 01/96 | Ampl. sp. flange WN; agg. vari; ins. flange decap. e cieche Enl. rating thick. WN flgs; added pickled and blind flgs |   |   |   |   |   |   |   |   |  | Zorzut DTN |  |  | Musina DE   |  |  | Dalla Franc. UGQ |  |  |
|      |       | Pag.                                                                                                                 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |  |            |  |  |             |  |  |                  |  |  |
|      |       | Rev.                                                                                                                 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |  |            |  |  |             |  |  |                  |  |  |
| 02   | 02/94 | Inserito flangia PN 25/40 con spess. per tubo PS 1330 Inerted PN 25/40 flages for PS 1330 pipe                       |   |   |   |   |   |   |   |   |  | Zorzut DTN |  |  | Musina DE   |  |  | Coassin UGQ      |  |  |
|      |       | Pag.                                                                                                                 | 1 | 2 | 3 | 4 | 5 | 6 |   |   |  |            |  |  |             |  |  |                  |  |  |
|      |       | Rev.                                                                                                                 | 2 | 1 | 1 | 2 | 2 | 2 |   |   |  |            |  |  |             |  |  |                  |  |  |
| 01   | 05/93 | Nuova edizione First issue                                                                                           |   |   |   |   |   |   |   |   |  | Zorzut DTN |  |  | Musina DE   |  |  | Coassin UGQ      |  |  |
|      |       | Pag.                                                                                                                 | 1 | 2 | 3 | 4 | 5 |   |   |   |  |            |  |  |             |  |  |                  |  |  |
|      |       | Rev.                                                                                                                 |   |   |   |   |   |   |   |   |  |            |  |  |             |  |  |                  |  |  |
| REV. | DATA  | DESCRIZIONE MODIFICA                                                                                                 |   |   |   |   |   |   |   |   |  | REDATTO    |  |  | CONTROLLATO |  |  | APPROVATO        |  |  |
|      | DATE  | DESCRIPTION OF MODIFICATION                                                                                          |   |   |   |   |   |   |   |   |  | COMPILED   |  |  | CHECKED     |  |  | APPROVED         |  |  |

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FLANGIA LIBERE CON ANELLO  
SERIE UNI/DIN PN 10-16-25-40  
LAP-JOINT FLANGES WITH PLAIN COLLAR  
SERIES UNI/DIN PN 10-16-25-40

STANDARD N° 2.000.405

REV. 05

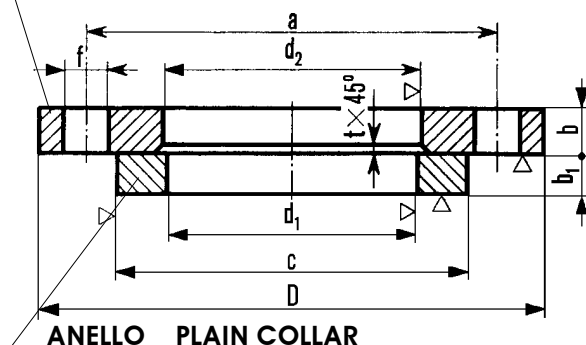
PAGINA 2 DI 5

SOSTITUISCE  
REPLACES

Parz. 2.000.403/416/418

FLANGIA LIBERA FORMA F CON ANELLO DI APPOGGIO FORMA B DA SALD. A SOVRAPP. DIN 2642 PN 10  
LAP JOINT FLANGE FORM F WITH PLAIN COLLAR FORM B DIN 2642 PN 10

FLANGIA LIBERA LAPJOINT FLANGE



ANELLO PLAIN COLLAR

Dimensioni: PN 10 DIN 2642

Mat. flangia: USt 37.1 DIN 17100 grezza

USt 37.1 DIN 17100 zincata DIN 50976

Mat. anello: USt 37.2 DIN 17100 grezzo

X5CrNi1810 DIN 17440 - AISI304

X5CrNiMo1712 - DIN 17440 - AISI 316

Superficie di tenuta anello: forma C DIN 2526

Tolleranze e marcatura: DIN 2519

Certificato: EN 10204/2.2

Dimensions: PN 10 DIN 2642

Mat. flange: USt 37.1 DIN 17100 wrought

USt 37.1 DIN 17100 zinc coated DIN 50976

Mat. collar : USt 37.2 DIN 17100 wrought

X5CrNi1810 DIN 17440 - AISI304

X5CrNiMo1712 - DIN 17440 - AISI 316

Face finishing collar: form C DIN 2526

Tolerances and marking: DIN 2519

Certificate: EN 10204/2.2

Non consigliato  
Not recommended

Pesi indicativi  
Masses indicative

Dimensioni in mm  
Dimensions in mm

| FLANGIA LIBERA LAP-JOINT FLANGE |            |     |                |     |    |   |                  |    |            | CODICE CODE<br>Flangia - L.J. Flange |                        |
|---------------------------------|------------|-----|----------------|-----|----|---|------------------|----|------------|--------------------------------------|------------------------|
| DN                              | Øe<br>pipe | D   | d <sub>2</sub> | a   | b  | t | n° fori<br>holes | f  | Mass<br>Kg | USt 37.1<br>Wrought                  | USt 37.1<br>Zinc coat. |
| 15                              | 21,3       | 95  | 24             | 65  | 14 | 3 | 4                | 14 | 0,7        | 0.302587.D                           | 0.309736.Z             |
| 20                              | 26,9       | 105 | 30             | 75  | 14 | 3 | 4                | 14 | 0,8        | 0.302588.M                           | 0.309737.S             |
| 25                              | 33,7       | 115 | 36             | 85  | 16 | 4 | 4                | 14 | 1,1        | 0.094326.S                           | 0.309738.A             |
| 32                              | 42,4       | 140 | 46             | 100 | 16 | 4 | 4                | 18 | 1,6        | 0.005516.X                           | 0.309739.B             |
| 40                              | 48,3       | 150 | 54             | 110 | 16 | 4 | 4                | 18 | 1,9        | 0.094325.Z                           | 0.309740.P             |
| 50                              | 60,3       | 165 | 65             | 125 | 16 | 5 | 4                | 18 | 2,2        | 0.005517.Z                           | 0.309741.C             |
| 65                              | 76,1       | 185 | 81             | 145 | 16 | 5 | 4                | 18 | 2,6        | 0.003616.G                           | 0.309742.D             |
| 80                              | 88,9       | 200 | 94             | 160 | 18 | 5 | 8                | 18 | 3,3        | 0.003617.A                           | 0.309743.E             |
| 100                             | 114,3      | 220 | 119            | 180 | 18 | 5 | 8                | 18 | 3,7        | 0.005518.G                           | 0.309744.F             |
| 125                             | 139,7      | 250 | 145            | 210 | 18 | 5 | 8                | 18 | 4,5        | 0.005519.A                           | 0.309745.G             |
| 150                             | 168,3      | 285 | 173            | 240 | 18 | 5 | 8                | 22 | 5,6        | 0.005591.T                           | 0.309746.A             |
| 200                             | 219,1      | 340 | 225            | 295 | 20 | 5 | 8                | 22 | 7,5        | 0.160104.N                           | 0.309747.B             |
| 250                             | 273        | 395 | 279            | 350 | 22 | 5 | 12               | 22 | 10,3       | 0.160105.P                           | 0.309748.K             |
| 300                             | 323,9      | 445 | 329            | 400 | 26 | 5 | 12               | 22 | 14         | 0.160106.Q                           | 0.309749.L             |
| 350                             | 355,6      | 505 | 362            | 460 | 28 | 6 | 16               | 22 | 18,5       | 0.160107.H                           | 0.309750.H             |
| 400                             | 406,4      | 565 | 413            | 515 | 32 | 6 | 16               | 26 | 25         | 0.160108.S                           | 0.309751.E             |
| 500                             | 508        | 670 | 517            | 620 | 38 | 6 | 20               | 26 | 37         | 0.160110.P                           | 0.309752.F             |

| ANELLO - PLAIN COLLAR |            |                |                |     |            | CODICE CODE<br>Anello - Collar |            |            |
|-----------------------|------------|----------------|----------------|-----|------------|--------------------------------|------------|------------|
| DN                    | Øe<br>pipe | d <sub>1</sub> | b <sub>1</sub> | c   | Mass<br>Kg | USt 37.2<br>Wrought            | AISI 304   | AISI 316   |
| 15                    | 21,3       | 22             | 10             | 45  | 0,1        | 0.325920.D                     | 0.302589.N | 0.302591.G |
| 20                    | 26,9       | 27,6           | 12             | 58  | 0,2        | 0.325921.S                     | 0.302590.L | 0.302592.A |
| 25                    | 33,7       | 34,4           | 12             | 68  | 0,28       | 0.325922.T                     | 0.337705.N | 0.302593.B |
| 32                    | 42,4       | 43,1           | 12             | 78  | 0,34       | 0.325923.R                     | 0.337706.P | 0.302594.C |
| 40                    | 48,3       | 49             | 12             | 88  | 0,43       | 0.325924.V                     | 0.337707.Q | 0.302595.D |
| 50                    | 60,3       | 61,1           | 14             | 102 | 0,62       | 0.325925.W                     | 0.337708.Z | 0.302596.E |
| 65                    | 76,1       | 77,1           | 14             | 122 | 0,79       | 0.325926.X                     | 0.337709.S | 0.302597.F |
| 80                    | 88,9       | 90,3           | 16             | 138 | 1,1        | 0.325927.Z                     | 0.337710.N | 0.302598.P |
| 100                   | 114,3      | 115,9          | 16             | 158 | 1,3        | 0.325928.G                     | 0.337711.B | 0.302599.Q |
| 125                   | 139,7      | 141,6          | 18             | 188 | 2          | 0.325929.A                     | 0.337712.C | 0.302600.D |
| 150                   | 168,3      | 170,5          | 18             | 212 | 2,2        | 0.325930.F                     | 0.337713.D | 0.302601.S |
| 200                   | 219,1      | 221,8          | 20             | 268 | 3,1        | 0.325931.R                     | 0.161920.G | 0.302602.T |
| 250                   | 273        | 276,2          | 22             | 320 | 4,2        | 0.325932.V                     | 0.161921.V | 0.302603.R |
| 300                   | 323,9      | 327,6          | 22             | 370 | 4,8        | 0.325933.W                     | 0.161922.W | 0.302604.V |
| 350                   | 355,6      | 359,7          | 22             | 430 | 6,7        | 0.325934.X                     | 0.161923.X | 0.302605.W |
| 400                   | 406,4      | 411            | 24             | 482 | 8,3        | 0.325935.Z                     | 0.161924.Z | 0.302606.X |
| 500                   | 508        | 513,6          | 26             | 585 | 11,5       | 0.325936.S                     | 0.161926.T | 0.302607.Z |

Es di design.:

0.309744.F Flangia libera F DIN 2642  
DN 100 PN10  
USt 37.1 DIN 2519  
zincata EN 10204/2.2

0.325928.G Anello B DIN 2642  
DN 100 PN10 DIN 2526/C  
USt 37.2 DIN 2519  
Grezzo EN 10204/2.2

Ex of design.:

0.309744.F Lap-joint flg F DIN 2642  
DN 100 PN10  
USt 37.1 DIN 2519  
zinc coat. EN 10204/2.2

0.325928.G Plain collar B DIN 2642  
DN 100 PN10 DIN 2526/C  
USt 37.2 DIN 2519  
wrought EN 10204/2.2



Documents

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