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document details: DANIELI 2.000.404 0



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|-------------------------|-----------------------------------------------|------------------|-------------|
| <b>STANDARD N°</b>      |                                               | <b>2.000.404</b> |             |
| REV. 02                 | PAGINA<br>PAGE                                | 1                | DI<br>OF 15 |
| SOSTITUISCE<br>REPLACES | 2.000.400/402/405/<br>406/407/410/413/415/417 |                  |             |

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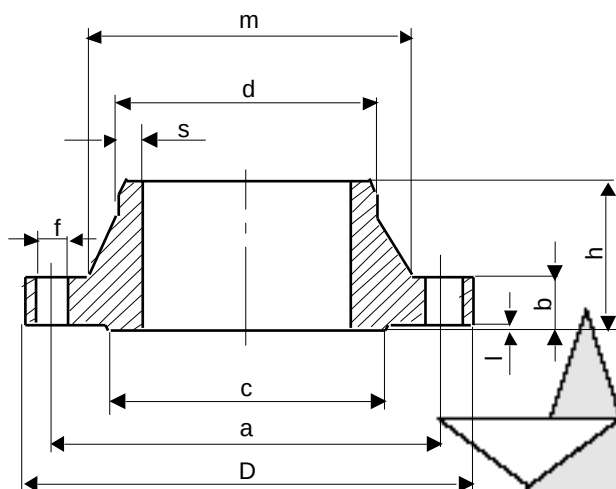


FLANGE METALLICHE A SALDARE DI TESTA  
SERIE DIN PN 10-16-25-40  
METALLIC WELDING NECK FLANGES  
SERIES DIN PN 10-16-25-40

STANDARD N° 2.000.404

|                                  |          |          |
|----------------------------------|----------|----------|
| REV. 02                          | PAGINA 2 | DI OF 15 |
| SOSTITUISCE 2.000.400/402/405/   |          |          |
| REPLACES 406/407/410/413/415/417 |          |          |

FLANGIA A SALDARE DI TESTA CON GRADINO (RF) PN 10 DIN 2632  
WELDING NECK FLANGE RAISED FACE PN 10 DIN 2632



Dimensioni: PN 10 DIN 2632  
Materiale: RSt 37-2 DIN 17100  
Tolleranze: DIN 2519  
Superficie di tenuta: Forma C DIN 2526  
Smusso DIN 2559  
Marcatura: DIN 2519  
Certificazione: EN 10204/2.2  
Finitura: grezzo

Dimensions: PN 10 DIN 2632  
Material: RSt 37-2 DIN 17100  
Tolerances: DIN 2519  
Face finishing: Form C DIN 2526  
Bevel DIN 2559  
Marking: DIN 2519  
Test report: EN 10204/2.2  
Finishing: wrought

Es. di designaz.:  
0.053084.Z Flg. sald. testa C DIN 2632  
DN 200x5,9 PN10RF DIN2526/C  
RSt 37-2 DIN 2519/2559  
Grezzo EN 10204/2.2

Ex. of design.:  
0.053084.Z Weld. neck flg. C DIN 2632  
DN 200x5,9 PN 10RF DIN2526/C  
RSt 37-2 DIN 2519/2559  
Wrought EN 10204/2.2

Dimensioni in mm  
Dimensions in mm

| DN   | d     | D                                                                                 | b  | a    | h  | m    | s   | c    | l | N° fori<br>Holes | f  | Ø Viti<br>Screws | Mass<br>Kg | CODICE<br>CODE |
|------|-------|-----------------------------------------------------------------------------------|----|------|----|------|-----|------|---|------------------|----|------------------|------------|----------------|
| 15   | 21,3  | DN 15÷150 Impiegare flange PN 16 DIN 2633<br>DN 15÷150 Use PN 16 flanges DIN 2633 |    |      |    |      |     |      |   |                  |    |                  |            | -              |
| ÷    | 26,9  |                                                                                   |    |      |    |      |     |      |   |                  |    |                  |            | -              |
| 150  | 33,7  |                                                                                   |    |      |    |      |     |      |   |                  |    |                  |            | -              |
| 200  | 219,1 | 340                                                                               | 24 | 295  | 62 | 235  | 5,9 | 268  | 3 | 8                | 22 | M 20             | 11,3       | 0.053084.Z     |
| 250  | 273   | 395                                                                               | 26 | 350  | 68 | 292  | 6,3 | 320  | 3 | 12               | 22 | M 20             | 14,7       | 0.089111.R     |
| 300  | 323,9 | 445                                                                               | 26 | 400  | 68 | 344  | 7,1 | 370  | 4 | 12               | 22 | M 20             | 17,4       | 0.053083.X     |
| 350  | 355,6 | 505                                                                               | 26 | 460  | 68 | 385  | 7,1 | 430  | 4 | 16               | 22 | M 20             | 23,6       | 0.089101.B     |
| 400  | 406,4 | 565                                                                               | 26 | 515  | 72 | 440  | 7,1 | 482  | 4 | 16               | 26 | M 24             | 28,6       | 0.089102.C     |
| 500  | 508   | 670                                                                               | 28 | 620  | 75 | 542  | 7,1 | 585  | 4 | 20               | 26 | M 24             | 38,1       | 0.089103.D     |
| 600  | 610   | 780                                                                               | 28 | 725  | 80 | 642  | 7,1 | 685  | 5 | 20               | 30 | M 27             | 44,6       | 0.089104.E     |
| 700  | 711   | 895                                                                               | 30 | 840  | 80 | 745  | 8   | 800  | 5 | 24               | 30 | M 27             | 62,4       | 0.089105.F     |
| 800  | 813   | 1015                                                                              | 32 | 950  | 90 | 850  | 8   | 905  | 5 | 24               | 33 | M 30             | 84,1       | 0.089106.G     |
| 900  | 914   | 1115                                                                              | 34 | 1050 | 95 | 950  | 10  | 1005 | 5 | 28               | 33 | M 30             | 98,5       | 0.089107.A     |
| 1000 | 1016  | 1230                                                                              | 34 | 1160 | 95 | 1052 | 10  | 1110 | 5 | 28               | 36 | M33x3            | 115        | 0.089108.H     |

Ins. flanges from 2.000.400

Descrizione - Description

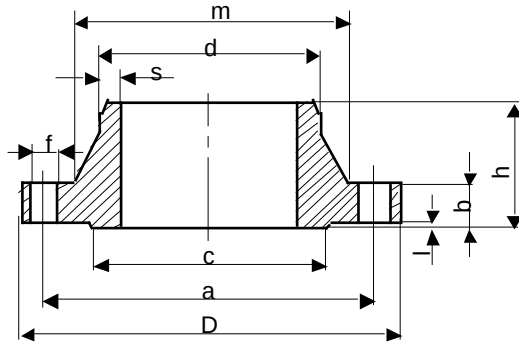
05/97 Date

00 Rev.

|     |       |                                     |
|-----|-------|-------------------------------------|
| 00  | 05/97 | Ins. flanges from 2.000.400/402/413 |
| Rev | Date  | Descrizione - Description           |

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## FLANGIA A SALDARE DI TESTA CON GRADINO (RF) PN 16 DIN 2633 WELDING NECK FLANGE RAISED FACE PN 16 DIN 2633



Dimensioni: PN 16 DIN 2633  
Mat.: RSt 37-2 DIN 17100  
X5CrNi1810 DIN 17440 - AISI 304  
X5CrNiMo1713 DIN 17440 - AISI 316  
Tolleranze: DIN 2519  
Superficie di tenuta: Forma C DIN 2526  
Smusso DIN 2559  
Marcatura: DIN 2519  
Certificazioni: EN 10204/2.2  
Finitura: grezza  
decapate e oliate

Dimensions: PN 16 DIN 2633  
Mat.: RSt 37-2 DIN 17100  
X5CrNi1810 DIN 17440 - AISI 304  
X5CrNiMo1713 DIN 17440 - AISI 316  
Tolerances: DIN 2519  
Face finishing: Form C DIN 2526  
Bevel DIN 2559  
Marking: DIN 2519  
Certificate: EN 10204/2.2  
Finishing: wrought  
pickled and oiled

Es. di designaz.:  
0.055524.Z Flg. sald. testa DIN 2633  
DN200x5,9 PN16RF DIN2526/C  
RSt 37-2 DIN2519/2559  
Grezzo EN10204/2.2

Ex. of design.:  
0.055524.Z Weld. neck flg. DIN 2633  
DN200x5,9 PN16RF DIN2526/C  
RSt 37-2 DIN2519/2559  
Wrought EN10204/2.2

Non consigliato  
Not recommended

Dimensioni in mm  
Dimensions in mm

| DN | d    | D   | b  | a   | h  | m  | s    | c  | l | N° fori<br>Holes | f  | Ø Viti<br>Screws | Mass<br>Kg | CODICE CODE         |                     |            |            |
|----|------|-----|----|-----|----|----|------|----|---|------------------|----|------------------|------------|---------------------|---------------------|------------|------------|
|    |      |     |    |     |    |    |      |    |   |                  |    |                  |            | RST 37-2<br>Wrought | RST 37-2<br>Pickled | AISI 304   | AISI 316   |
| 15 | 21,3 | 95  | 14 | 65  | 35 | 32 | 2    | 45 | 2 | 4                | 14 | M 12             | 0,65       | 0.089100.N          | 0.312412.V          | 0.325360.T | 0.335840.N |
|    |      |     |    |     |    |    | 2,65 |    |   |                  |    |                  |            | 0.312704.K          | 0.318923.C          | -          | -          |
|    |      |     |    |     |    |    | 3,25 |    |   |                  |    |                  |            | 0.336180.B          | -                   | -          | -          |
| 20 | 26,9 | 105 | 16 | 75  | 38 | 40 | 2    | 58 | 2 | 4                | 14 | M 12             | 0,95       | 0.319417.A          | 0.318924.D          | 0.325361.P | 0.335841.B |
|    |      |     |    |     |    |    | 2,3  |    |   |                  |    |                  |            | 0.059354.V          | 0.312413.W          | 0.325362.Q | 0.335842.C |
|    |      |     |    |     |    |    | 2,65 |    |   |                  |    |                  |            | 0.312705.L          | 0.318925.E          | -          | -          |
| 25 | 33,7 | 115 | 16 | 85  | 38 | 45 | 2    | 68 | 2 | 4                | 14 | M 12             | 1,14       | 0.336181.X          | -                   | -          | -          |
|    |      |     |    |     |    |    | 2,6  |    |   |                  |    |                  |            | 0.319418.H          | 0.318926.F          | 0.325363.H | 0.335843.D |
|    |      |     |    |     |    |    | 3,25 |    |   |                  |    |                  |            | 0.055522.W          | 0.312414.X          | 0.325364.K | 0.335844.E |
| 32 | 42,4 | 140 | 16 | 100 | 40 | 56 | 2    | 78 | 2 | 4                | 18 | M 16             | 1,69       | 0.312706.M          | 0.318927.G          | -          | -          |
|    |      |     |    |     |    |    | 2,3  |    |   |                  |    |                  |            | 0.336182.Z          | -                   | -          | -          |
|    |      |     |    |     |    |    | 4,05 |    |   |                  |    |                  |            | -                   | -                   | 0.325365.L | 0.335845.F |
| 40 | 48,3 | 150 | 16 | 110 | 42 | 64 | 2    | 88 | 3 | 4                | 18 | M 16             | 1,86       | 0.319419.K          | 0.318928.Q          | -          | -          |
|    |      |     |    |     |    |    | 2,6  |    |   |                  |    |                  |            | 0.059348.A          | 0.312415.Z          | 0.325366.M | 0.335846.G |
|    |      |     |    |     |    |    | 3,25 |    |   |                  |    |                  |            | 0.312707.N          | 0.318929.H          | -          | -          |
| 40 | 48,3 | 150 | 16 | 110 | 42 | 64 | 4,05 | 88 | 3 | 4                | 18 | M 16             | 1,86       | 0.336183.S          | -                   | -          | -          |
|    |      |     |    |     |    |    | 2    |    |   |                  |    |                  |            | -                   | -                   | 0.325367.N | 0.335847.A |
|    |      |     |    |     |    |    | 2,3  |    |   |                  |    |                  |            | 0.319420.Q          | 0.318930.P          | -          | -          |
| 40 | 48,3 | 150 | 16 | 110 | 42 | 64 | 2,6  | 88 | 3 | 4                | 18 | M 16             | 1,86       | 0.053085.S          | 0.312416.S          | 0.325368.W | 0.335848.H |
|    |      |     |    |     |    |    | 3,25 |    |   |                  |    |                  |            | 0.312708.W          | 0.318931.C          | -          | -          |
|    |      |     |    |     |    |    | 4,05 |    |   |                  |    |                  |            | 0.336184.T          | -                   | -          | -          |



FLANGE METALLICHE A SALDARE DI TESTA  
SERIE DIN PN 10-16-25-40  
METALLIC WELDING NECK FLANGES  
SERIES DIN PN 10-16-25-40

STANDARD N° 2.000.404  
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SOSTITUISCE 2.000.400/402/404  
REPLACES 406/407/410/413/415/417

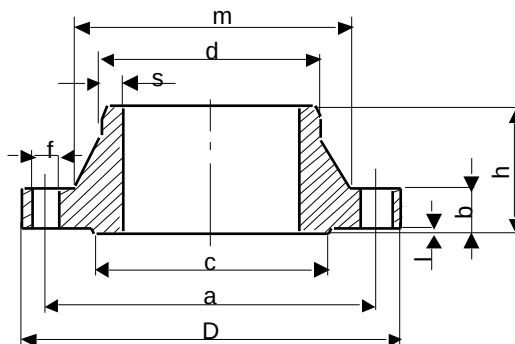
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**FLANGIA A SALDARE DI TESTA CON GRADINO (RF) PN 16 DIN 2633**  
**WELDING NECK FLANGE RAISED FACE PN 16 DIN 2633**



Non consigliato  
Not recommended

Dimensioni in mm  
Dimensions in mm

| DN | d    | D   | b  | a   | h  | m   | s    | c   | l | N° fori<br>Holes | f  | Ø Viti<br>Screws | Mass<br>Kg | CODICE CODE         |            |            |            |
|----|------|-----|----|-----|----|-----|------|-----|---|------------------|----|------------------|------------|---------------------|------------|------------|------------|
|    |      |     |    |     |    |     |      |     |   |                  |    |                  |            | RST 37-2<br>Wrought | Pickled    | AISI 304   | AISI 316   |
| 50 | 60,3 | 165 | 18 | 125 | 45 | 75  | 2,3  | 102 | 3 | 4                | 18 | M 16             | 2,53       | 0.312683.D          | 0.318932.D | -          | -          |
|    |      |     |    |     |    |     | 2,6  |     |   |                  |    |                  |            | -                   | -          | 0.325369.X | 0.335849.K |
|    |      |     |    |     |    |     | 2,9  |     |   |                  |    |                  |            | 0.054645.P          | 0.312417.T | 0.325370.V | 0.335850.Q |
|    |      |     |    |     |    |     | 3,2  |     |   |                  |    |                  |            | 0.325633.G          | 0.325634.A | -          | -          |
|    |      |     |    |     |    |     | 3,65 |     |   |                  |    |                  |            | 0.312709.X          | 0.318933.E | -          | -          |
|    |      |     |    |     |    |     | 4    |     |   |                  |    |                  |            | 0.318680.R          | 0.319421.D | -          | -          |
|    |      |     |    |     |    |     | 4,5  |     |   |                  |    |                  |            | 0.318681.Q          | 0.319422.E | -          | -          |
|    |      |     |    |     |    |     | 5,6  |     |   |                  |    |                  |            | 0.310024.F          | 0.319423.F | -          | -          |
| 65 | 76,1 | 185 | 18 | 145 | 45 | 90  | 2,6  | 122 | 3 | 4                | 18 | M 16             | 3,06       | 0.312684.E          | 0.318934.F | 0.325371.H | 0.335851.D |
|    |      |     |    |     |    |     | 2,9  |     |   |                  |    |                  |            | 0.053086.T          | 0.312418.B | 0.325372.K | 0.335852.E |
|    |      |     |    |     |    |     | 3,2  |     |   |                  |    |                  |            | 0.325635.B          | 0.325636.C | -          | -          |
|    |      |     |    |     |    |     | 3,65 |     |   |                  |    |                  |            | 0.312710.L          | 0.318935.G | -          | -          |
|    |      |     |    |     |    |     | 4,5  |     |   |                  |    |                  |            | 0.318682.H          | 0.319424.G | -          | -          |
|    |      |     |    |     |    |     | 5    |     |   |                  |    |                  |            | 0.318683.K          | 0.319425.A | -          | -          |
|    |      |     |    |     |    |     | 7,01 |     |   |                  |    |                  |            | 0.310025.F          | 0.319426.B | -          | -          |
|    |      |     |    |     |    |     |      |     |   |                  |    |                  |            |                     |            |            |            |
| 80 | 88,9 | 200 | 20 | 160 | 50 | 105 | 2,9  | 138 | 3 | 8                | 18 | M 16             | 3,7        | 0.312685.F          | 0.318936.A | -          | -          |
|    |      |     |    |     |    |     | 3,2  |     |   |                  |    |                  |            | 0.053087.R          | 0.312419.C | 0.325373.L | 0.335853.F |
|    |      |     |    |     |    |     | 3,6  |     |   |                  |    |                  |            | 0.325637.D          | 0.325656.P | -          | -          |
|    |      |     |    |     |    |     | 4    |     |   |                  |    |                  |            | 0.312711.G          | 0.318937.B | -          | -          |
|    |      |     |    |     |    |     | 4,85 |     |   |                  |    |                  |            | 0.336185.R          | 0.336186.V | -          | -          |
|    |      |     |    |     |    |     | 5    |     |   |                  |    |                  |            | 0.318684.L          | 0.319431.F | -          | -          |
|    |      |     |    |     |    |     | 5,6  |     |   |                  |    |                  |            | 0.318685.M          | 0.319432.G | -          | -          |
|    |      |     |    |     |    |     | 7,01 |     |   |                  |    |                  |            | 0.325468.K          | 0.325469.L | -          | -          |
|    |      |     |    |     |    |     | 8    |     |   |                  |    |                  |            | 0.310026.G          | 0.319433.A | -          | -          |
|    |      |     |    |     |    |     |      |     |   |                  |    |                  |            |                     |            |            |            |



FLANGE METALLICHE A SALDARE DI TESTA  
 SERIE DIN PN 10-16-25-40  
 METALLIC WELDING NECK FLANGES  
 SERIES DIN PN 10-16-25-40

|             |                         |           |    |
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| REPLACES    | 406/407/410/413/414/417 |           |    |



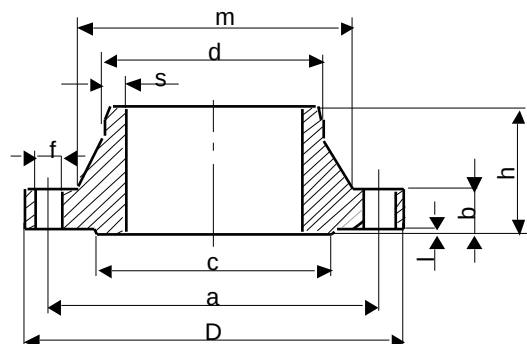
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# FLANGIA A SALDARE DI TESTA CON GRADINO (RF) PN 16 DIN 2633 WELDING NECK FLANGE RAISED FACE PN 16 DIN 2633



Non consigliato  
Not recommended

Dimensioni in mm  
Dimensions in mm

| DN  | d     | D   | b  | a   | h  | m   | s    | c   | l | N° fori<br>Holes | f  | Ø Viti<br>Screws | Mass<br>Kg | CODICE CODE         |            |            |            |
|-----|-------|-----|----|-----|----|-----|------|-----|---|------------------|----|------------------|------------|---------------------|------------|------------|------------|
|     |       |     |    |     |    |     |      |     |   |                  |    |                  |            | RST 37-2<br>Wrought | Pickled    | AISI 304   | AISI 316   |
| 100 | 114,3 | 220 | 20 | 180 | 52 | 131 | 3,2  | 158 | 3 | 8                | 18 | M 16             | 4,62       | 0.312686.G          | 0.318938.K | 0.325374.M | 0.335854.G |
|     |       |     |    |     |    |     | 3,6  |     |   |                  |    |                  |            | 0.053088.C          | 0.312420.A | 0.325375.N | 0.335855.A |
|     |       |     |    |     |    |     | 4    |     |   |                  |    |                  |            | 0.325638.M          | 0.325657.Q | -          | -          |
|     |       |     |    |     |    |     | 4,5  |     |   |                  |    |                  |            | 0.312712.A          | 0.319434.B | -          | -          |
|     |       |     |    |     |    |     | 5,4  |     |   |                  |    |                  |            | 0.336187.W          | 0.336188.E | -          | -          |
|     |       |     |    |     |    |     | 6,3  |     |   |                  |    |                  |            | 0.318686.N          | 0.319435.C | -          | -          |
|     |       |     |    |     |    |     | 8    |     |   |                  |    |                  |            | 0.325639.N          | 0.325658.Z | -          | -          |
|     |       |     |    |     |    |     | 8,8  |     |   |                  |    |                  |            | 0.310027.A          | 0.319436.D | -          | -          |
| 125 | 139,7 | 250 | 22 | 210 | 55 | 156 | 3,2  | 188 | 3 | 8                | 18 | M 16             | 6,3        | -                   | -          | 0.325376.P | 0.335856.B |
|     |       |     |    |     |    |     | 3,6  |     |   |                  |    |                  |            | 0.312687.A          | 0.318939.L | -          | -          |
|     |       |     |    |     |    |     | 4    |     |   |                  |    |                  |            | 0.054646.Q          | 0.312421.V | 0.325377.Q | 0.335857.C |
|     |       |     |    |     |    |     | 4,5  |     |   |                  |    |                  |            | 0.325640.T          | 0.325659.S | -          | -          |
|     |       |     |    |     |    |     | 6,3  |     |   |                  |    |                  |            | 0.318687.P          | 0.319437.E | -          | -          |
|     |       |     |    |     |    |     | 8,8  |     |   |                  |    |                  |            | 0.325641.P          | 0.325660.X | -          | -          |
|     |       |     |    |     |    |     | 11   |     |   |                  |    |                  |            | 0.310028.H          | 0.319438.N | -          | -          |
|     |       |     |    |     |    |     | 11,5 |     |   |                  |    |                  |            | -                   | -          | 0.325378.Z | 0.335858.L |
| 150 | 168,3 | 285 | 22 | 240 | 55 | 184 | 3,6  | 212 | 3 | 8                | 22 | M 20             | 7,75       | 0.312688.H          | 0.318940.Z | -          | -          |
|     |       |     |    |     |    |     | 4    |     |   |                  |    |                  |            | 0.054897.W          | 0.312422.X | 0.325379.S | 0.335859.M |
|     |       |     |    |     |    |     | 4,5  |     |   |                  |    |                  |            | 0.325642.Q          | 0.325661.L | -          | -          |
|     |       |     |    |     |    |     | 5    |     |   |                  |    |                  |            | 0.318688.X          | 0.319439.P | -          | -          |
|     |       |     |    |     |    |     | 7,1  |     |   |                  |    |                  |            | 0.325643.H          | 0.325662.M | -          | -          |
|     |       |     |    |     |    |     | 11   |     |   |                  |    |                  |            | 0.310029.K          | 0.319440.R | -          | -          |
|     |       |     |    |     |    |     | 12,5 |     |   |                  |    |                  |            | -                   | -          | 0.325380.P | 0.335860.K |
|     |       |     |    |     |    |     | 12,5 |     |   |                  |    |                  |            | 0.312689.K          | 0.318941.M | -          | -          |
| 200 | 219,1 | 340 | 24 | 295 | 62 | 235 | 3,6  | 268 | 3 | 12               | 22 | M 20             | 11         | 0.055524.Z          | 0.312423.Z | 0.325381.C | 0.335861.F |
|     |       |     |    |     |    |     | 4,5  |     |   |                  |    |                  |            | 0.319427.C          | 0.318942.N | -          | -          |
|     |       |     |    |     |    |     | 5,9  |     |   |                  |    |                  |            | 0.318689.Z          | 0.319441.Q | -          | -          |
|     |       |     |    |     |    |     | 6,3  |     |   |                  |    |                  |            | -                   | -          | -          | -          |
|     |       |     |    |     |    |     | 8    |     |   |                  |    |                  |            | 0.310030.Q          | 0.319442.H | -          | -          |
|     |       |     |    |     |    |     | 12,5 |     |   |                  |    |                  |            | -                   | -          | -          | -          |
|     |       |     |    |     |    |     | 12,5 |     |   |                  |    |                  |            | -                   | -          | -          | -          |
|     |       |     |    |     |    |     | 12,5 |     |   |                  |    |                  |            | -                   | -          | -          | -          |



FLANGE METALLICHE A SALDARE DI TESTA  
SERIE DIN PN 10-16-25-40  
METALLIC WELDING NECK FLANGES  
SERIES DIN PN 10-16-25-40

STANDARD N° 2.000.404  
REV. 02  
PAGINA 5  
DI 10  
SOSTITUISCE 2.000.400/402/405/406/407/410/413/414/417  
REPLACES 406/407/410/413/414/417



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