

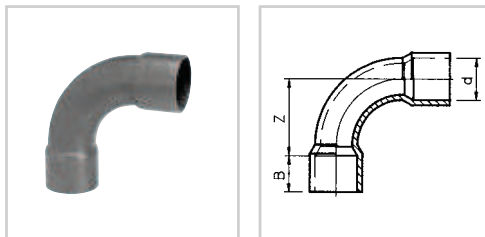
A close-up photograph of industrial machinery, likely a valve or actuator, featuring a prominent orange handle. The machinery is composed of various metal parts, including flanges, bolts, and actuators. The background is blurred, showing more of the industrial environment. A white diagonal graphic element is present in the upper right corner, containing the company logo and text.

V-L Van de Lande

PVC-U METRISCH

BEND 90°

Bocht 90°
Bogen 90°
Courbe 90°
Curva 90°
Curva 90°

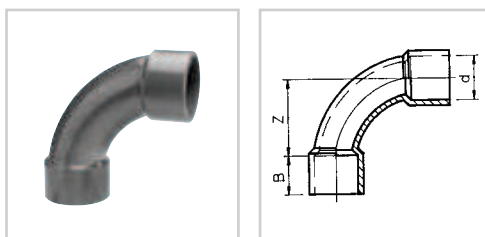


$R = 1.5d$

| ART.CODE | d | Z | B | PN | QUANTITY |
|----------|-----|-----|-----------|------|----------|
| 1.05.032 | 32 | 60 | 22 - 25 | 10 | 350 |
| 1.06.032 | 32 | 60 | 22 - 25 | 16 | 175 |
| 1.05.040 | 40 | 76 | 26 - 30 | 10 | 200 |
| 1.06.040 | 40 | 76 | 26 - 30 | 16 | 100 |
| 1.05.050 | 50 | 92 | 31 - 35 | 10 | 100 |
| 1.06.050 | 50 | 92 | 31 - 35 | 16 | 80 |
| 1.05.063 | 63 | 102 | 38 - 43 | 10 | 60 |
| 1.06.063 | 63 | 102 | 38 - 43 | 16 | 45 |
| 1.05.075 | 75 | 118 | 44 - 51 | 10 | 35 |
| 1.06.075 | 75 | 118 | 44 - 51 | 16 | 25 |
| 1.05.090 | 90 | 142 | 51 - 59 | 10 | 20 |
| 1.06.090 | 90 | 142 | 51 - 59 | 16 | 15 |
| 1.05.110 | 110 | 175 | 61 - 70 | 12.5 | 10 |
| 1.05.125 | 125 | 200 | 69 - 79 | 12.5 | 8 |
| 1.05.140 | 140 | 236 | 76 - 87 | 12.5 | 5 |
| 1.05.160 | 160 | 260 | 86 - 99 | 12.5 | 4 |
| 1.05.200 | 200 | 330 | 106 - 122 | 12.5 | 16 |
| 1.05.225 | 225 | 380 | 119 - 136 | 12.5 | 12 |
| 1.05.250 | 250 | 390 | 131 - 151 | 12.5 | 8 |
| 1.05.280 | 280 | 480 | 146 - 168 | 12.5 | 6 |
| 1.05.315 | 315 | 625 | 164 - 188 | 12.5 | 4 |

BEND 90°

Bocht 90°
Bogen 90°
Courbe 90°
Curva 90°
Curva 90°

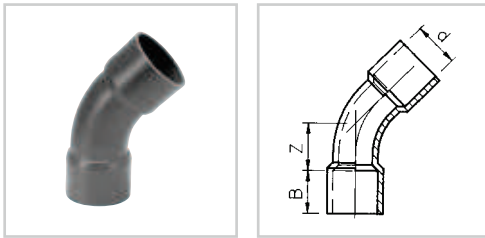


$R = 1.5d$

| ART.CODE | d | Z | B | PN | QUANTITY |
|----------|----|------|----|----|----------|
| 2.20.020 | 20 | 30 | 16 | 16 | 100 |
| 2.20.025 | 25 | 37.5 | 19 | 16 | 100 |
| 2.20.032 | 32 | 48 | 22 | 16 | 100 |
| 2.20.033 | 32 | 48 | 22 | 10 | 100 |
| 2.20.040 | 40 | 60 | 26 | 16 | 100 |
| 2.20.041 | 40 | 60 | 26 | 10 | 100 |
| 2.20.050 | 50 | 75 | 31 | 16 | 50 |
| 2.20.051 | 50 | 75 | 31 | 10 | 50 |

BEND 45°

Bocht 45°
Bogen 45°
Courbe 45°
Curva 45°
Curva 45°



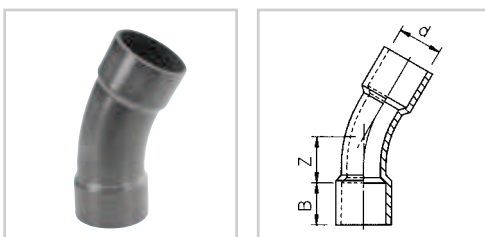
| ART.CODE | d | Z | B | PN | QUANTITY |
|----------|-----|-----|-----------|------|----------|
| 1.15.032 | 32 | 26 | 22 - 25 | 10 | 300 |
| 1.16.032 | 32 | 26 | 22 - 25 | 16 | 350 |
| 1.15.040 | 40 | 36 | 26 - 30 | 10 | 150 |
| 1.16.040 | 40 | 36 | 26 - 30 | 16 | 150 |
| 1.15.050 | 50 | 40 | 31 - 35 | 10 | 150 |
| 1.16.050 | 50 | 40 | 31 - 35 | 16 | 125 |
| 1.15.063 | 63 | 46 | 38 - 43 | 10 | 90 |
| 1.16.063 | 63 | 46 | 38 - 43 | 16 | 60 |
| 1.15.075 | 75 | 54 | 44 - 51 | 10 | 50 |
| 1.16.075 | 75 | 54 | 44 - 51 | 16 | 40 |
| 1.15.090 | 90 | 63 | 51 - 59 | 10 | 30 |
| 1.16.090 | 90 | 77 | 51 - 59 | 16 | 20 |
| 1.15.110 | 110 | 80 | 61 - 70 | 12.5 | 15 |
| 1.15.125 | 125 | 89 | 69 - 79 | 12.5 | 10 |
| 1.15.140 | 140 | 98 | 76 - 87 | 12.5 | 7 |
| 1.15.160 | 160 | 119 | 86 - 99 | 12.5 | 5 |
| 1.15.200 | 200 | 143 | 106 - 122 | 12.5 | 24 |
| 1.15.225 | 225 | 166 | 119 - 136 | 12.5 | 1 |
| 1.15.250 | 250 | 190 | 131 - 151 | 12.5 | 12 |
| 1.15.280 | 280 | 214 | 146 - 168 | 12.5 | 1 |
| 1.15.315 | 315 | 236 | 164 - 188 | 12.5 | 6 |



$R = 1.5d$

BEND 30°

Bocht 30°
Bogen 30°
Courbe 30°
Curva 30°
Curva 30°



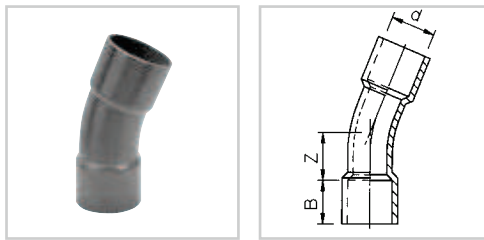
| ART.CODE | d | Z | B | PN | QUANTITY |
|----------|-----|-----|-----------|------|----------|
| 1.17.063 | 63 | 48 | 38 - 43 | 10 | 90 |
| 1.17.090 | 90 | 65 | 51 - 59 | 10 | 30 |
| 1.17.110 | 110 | 79 | 61 - 70 | 12.5 | 15 |
| 1.17.125 | 125 | 92 | 69 - 79 | 12.5 | 10 |
| 1.17.140 | 140 | 106 | 76 - 87 | 12.5 | 7 |
| 1.17.160 | 160 | 122 | 86 - 99 | 12.5 | 5 |
| 1.17.200 | 200 | 147 | 106 - 122 | 12.5 | 24 |
| 1.17.225 | 225 | 172 | 119 - 136 | 12.5 | 15 |
| 1.17.250 | 250 | 195 | 131 - 151 | 12.5 | 1 |
| 1.17.280 | 280 | 213 | 146 - 168 | 12.5 | 1 |
| 1.17.315 | 315 | 240 | 164 - 188 | 12.5 | 1 |



$R = 2.5d$

BEND 22.5°

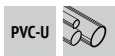
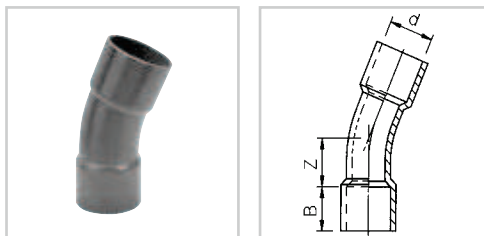
Bocht 22.5°
Bogen 22.5°
Courbe 22.5°
Curva 22.5°
Curva 22.5°



| ART.CODE | d | Z | B | PN | QUANTITY |
|----------|-----|-----|-----------|------|----------|
| 1.19.090 | 90 | 48 | 51 - 59 | 10 | 30 |
| 1.19.110 | 110 | 64 | 61 - 70 | 12.5 | 15 |
| 1.19.125 | 125 | 75 | 69 - 79 | 12.5 | 10 |
| 1.19.140 | 140 | 81 | 76 - 87 | 12.5 | 7 |
| 1.19.160 | 160 | 92 | 86 - 99 | 12.5 | 5 |
| 1.19.200 | 200 | 116 | 106 - 122 | 12.5 | 28 |

BEND 15°

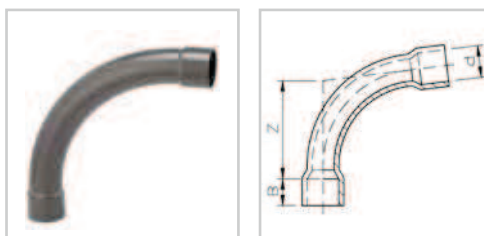
Bocht 15°
Bogen 15°
Courbe 15°
Curva 15°
Curva 15°



| ART.CODE | d | Z | B | PN | QUANTITY |
|----------|-----|-----|-----------|------|----------|
| 1.14.090 | 90 | 37 | 51 - 59 | 10 | 25 |
| 1.14.110 | 110 | 46 | 61 - 70 | 12.5 | 15 |
| 1.14.125 | 125 | 53 | 69 - 79 | 12.5 | 10 |
| 1.14.140 | 140 | 60 | 76 - 87 | 12.5 | 7 |
| 1.14.160 | 160 | 70 | 86 - 99 | 12.5 | 6 |
| 1.14.200 | 200 | 87 | 106 - 122 | 12.5 | 36 |
| 1.14.225 | 225 | 98 | 119 - 136 | 12.5 | 1 |
| 1.14.250 | 250 | 106 | 131 - 151 | 12.5 | 1 |
| 1.14.280 | 280 | 116 | 146 - 168 | 12.5 | 1 |
| 1.14.315 | 315 | 128 | 164 - 188 | 12.5 | 8 |

4D RADIUS BEND 83° (97°)

4d radius bocht 83° (97°)
4d Radius Bogen 83° (97°)
4d radius courbe 83° (97°)
4d radius curva 83° (97°)
4d radius curva 83° (97°)

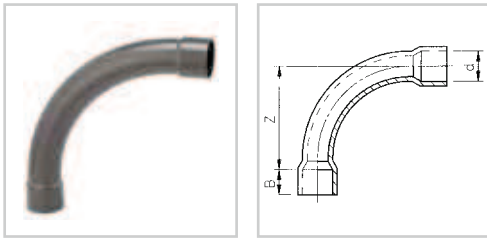


| ART.CODE | d | Z | B | PN | QUANTITY |
|----------|----|-----|---------|----|----------|
| 1.02.063 | 63 | 227 | 38 - 43 | 10 | 30 |

$R = 4d$

4D RADIUS BEND 90°

4d radius bocht 90°
4d Radius Bogen 90°
4d radius courbe 90°
4d radius curve 90°
4d radius curve 90°



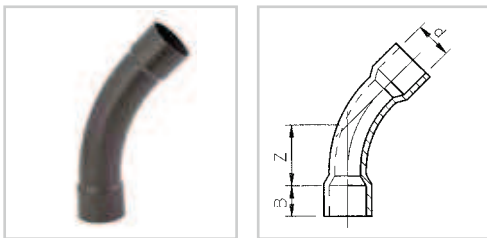
| ART.CODE | d | Z | B | PN | QUANTITY |
|----------|----|-----|---------|----|----------|
| 1.03.063 | 63 | 256 | 38 - 43 | 10 | 30 |



$$R = 4d$$

4D RADIUS BEND 45°

4d radius bocht 45°
4d Radius Bogen 45°
4d radius courbe 45°
4d radius curve 45°
4d radius curve 45°



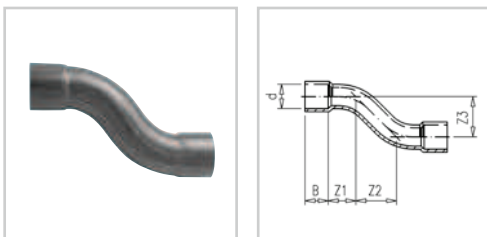
| ART.CODE | d | Z | B | PN | QUANTITY |
|----------|----|-----|---------|----|----------|
| 1.13.063 | 63 | 110 | 38 - 43 | 10 | 50 |



$$R = 4d$$

S-BEND

S-bocht
S-Bogen
Courbe en s
Curva-s
Carva-pasamuro



| ART.CODE | d | B | Z1 | Z2 | Z3 | PN | QUANTITY |
|----------|----|---------|----|----|----|----|----------|
| 1.10.032 | 32 | 22 - 25 | 35 | 57 | 60 | 10 | 150 |
| 1.10.040 | 40 | 26 - 30 | 40 | 63 | 60 | 10 | 150 |
| 1.10.050 | 50 | 31 - 35 | 50 | 55 | 85 | 10 | 80 |



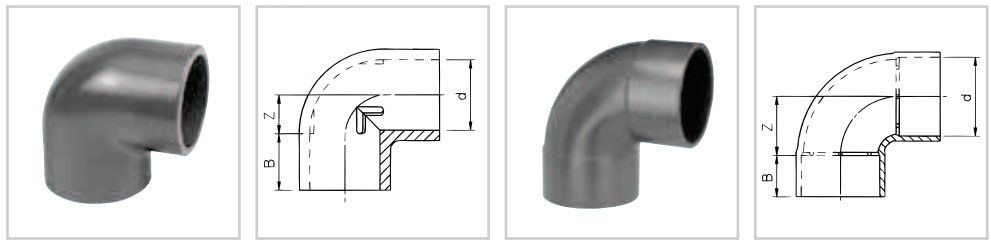
ELBOW 90°

Knie 90°
Winkel 90°
Coude 90°
Gomito 90°
Code 90°



TYPE A: $R = 0,5d$
TYPE B: $R = 0,75d$

* = Kiwa certified acc. to
BRL 17301



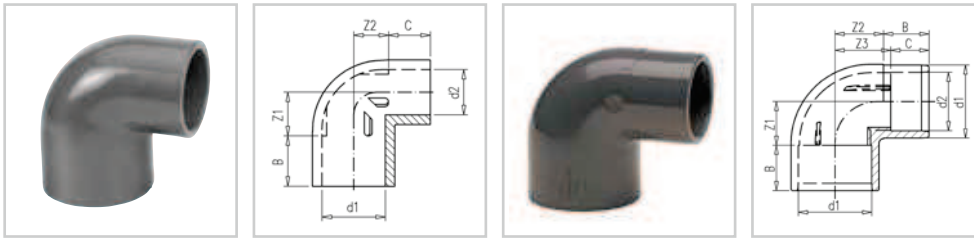
TYPE A

TYPE B

| ART.CODE | d | Z | B | TYPE | PN | QUANTITY |
|-----------|-----|-------|-----|------|----|------------|
| 2.25.010 | 10 | 6 | 12 | A | 16 | 250 (5x50) |
| 2.25.012* | 12 | 7 | 12 | A | 16 | 250 (5x50) |
| 2.25.016* | 16 | 9 | 15 | A | 16 | 250 (5x50) |
| 2.25.020* | 20 | 11.5 | 16 | A | 16 | 200 (4x50) |
| 2.25.025* | 25 | 14 | 20 | A | 16 | 350 |
| 2.25.032* | 32 | 19 | 22 | A | 16 | 250 |
| 2.25.033 | 32 | 19 | 22 | A | 10 | 250 |
| 2.25.040* | 40 | 22 | 26 | A | 16 | 175 |
| 2.25.041 | 40 | 22 | 26 | A | 10 | 175 |
| 2.25.050* | 50 | 27.5 | 31 | A | 16 | 100 |
| 2.25.051 | 50 | 27.5 | 31 | A | 10 | 100 |
| 2.25.063* | 63 | 33.5 | 38 | A | 16 | 50 |
| 2.25.064 | 63 | 33.5 | 38 | A | 10 | 55 |
| 2.25.075 | 75 | 40 | 44 | A | 16 | 30 |
| 2.25.076 | 75 | 40 | 44 | A | 10 | 30 |
| 2.25.090 | 90 | 47.5 | 51 | A | 16 | 17 |
| 2.25.091 | 90 | 46 | 51 | A | 10 | 17 |
| 2.25.110 | 110 | 56 | 61 | A | 16 | 12 |
| 2.25.111 | 110 | 54 | 61 | A | 10 | 12 |
| 2.25.125 | 125 | 63.5 | 69 | A | 16 | 6 |
| 2.25.140 | 140 | 67 | 76 | A | 16 | 5 |
| 2.25.160 | 160 | 80 | 87 | A | 16 | 2 |
| 2.25.200 | 200 | 106 | 107 | A | 10 | 1 |
| 2.25.225 | 225 | 118.5 | 120 | A | 10 | 1 |
| 2.25.250 | 250 | 131 | 132 | A | 10 | 1 |
| 2.25.280 | 280 | 210 | 147 | B | 10 | 1 |
| 2.25.315 | 315 | 237 | 165 | B | 10 | 1 |
| 2.25.400 | 400 | 300 | 207 | B | 6 | 1 |

ELBOW 90°

Knie 90°
Winkel 90°
Coude 90°
Gomito 90°
Code 90°



TYPE A

TYPE B

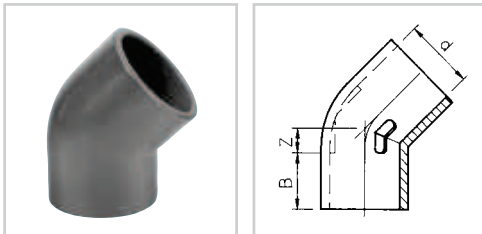
| ART.CODE | d1 | d2 | Z1 | Z2 | Z3 | B | C | TYPE | PN | QUANTITY |
|----------|----|----|----|----|----|------|----|------|----|----------|
| 2.26.011 | 40 | 32 | 23 | 23 | - | 26 | 22 | A | 10 | 200 |
| 2.26.021 | 50 | 32 | 28 | 33 | - | 31 | 22 | A | 10 | 150 |
| 2.26.031 | 50 | 40 | 28 | 29 | - | 31 | 26 | A | 10 | 135 |
| 2.26.032 | 50 | 40 | 30 | 33 | 38 | 31 | 26 | B | 10 | 100 |
| 2.26.042 | 63 | 50 | 46 | 44 | 50 | 37.5 | 31 | B | 10 | 50 |



Reducing
Verlopend
Reduzierend
Réduisant
Ridotto
Reducida

ELBOW 45°

Knie 45°
Winkel 45°
Coude 45°
Gomito 45°
Code 45°



| ART.CODE | d | Z | B | PN | QUANTITY |
|-----------|-----|------|-----|----|------------|
| 2.30.010 | 10 | 3 | 12 | 16 | 150 (3x50) |
| 2.30.012* | 12 | 3.5 | 12 | 16 | 150 (3x50) |
| 2.30.016* | 16 | 4.5 | 14 | 16 | 150 (3x50) |
| 2.30.020* | 20 | 5 | 16 | 16 | 150 (3x50) |
| 2.30.025* | 25 | 6 | 19 | 16 | 150 |
| 2.30.032* | 32 | 7 | 22 | 16 | 300 |
| 2.30.040* | 40 | 10 | 26 | 16 | 150 |
| 2.30.050* | 50 | 12 | 31 | 16 | 75 |
| 2.30.051 | 50 | 12 | 31 | 10 | 100 |
| 2.30.063* | 63 | 14 | 38 | 16 | 65 |
| 2.30.064 | 63 | 14 | 38 | 10 | 70 |
| 2.30.075 | 75 | 18 | 44 | 16 | 35 |
| 2.30.090 | 90 | 19 | 52 | 16 | 24 |
| 2.30.110 | 110 | 26 | 62 | 16 | 12 |
| 2.30.125 | 125 | 26.5 | 69 | 16 | 6 |
| 2.30.140 | 140 | 30 | 76 | 16 | 6 |
| 2.30.160 | 160 | 35 | 86 | 16 | 2 |
| 2.30.200 | 200 | 49 | 107 | 10 | 1 |
| 2.30.225 | 225 | 54 | 120 | 10 | 1 |
| 2.30.250 | 250 | 60 | 132 | 10 | 1 |
| 2.30.280 | 280 | 66 | 147 | 10 | 1 |
| 2.30.315 | 315 | 74 | 165 | 10 | 1 |
| 2.30.400 | 400 | 86.5 | 207 | 6 | 1 |

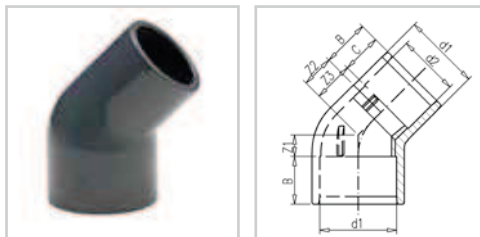


* = Kiwa certified acc. to
BRL 17301

kiwa

ELBOW 45°

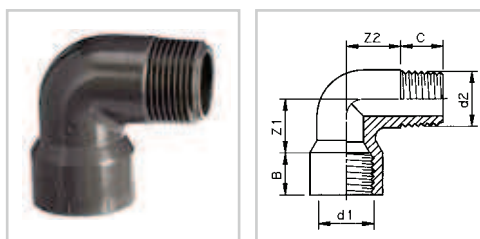
Knie 45°
Winkel 45°
Coude 45°
Gomito 45°
Code 45°



| ART.CODE | d1 | d2 | Z1 | Z2 | Z3 | B | C | PN | QUANTITY |
|----------|----|----|------|------|------|------|------|----|----------|
| 2.32.050 | 50 | 40 | 14 | 21 | 26 | 31 | 26 | 16 | 100 |
| 2.32.063 | 63 | 50 | 17.5 | 26.5 | 32.5 | 37.5 | 31.5 | 16 | 50 |

ELBOW 90°

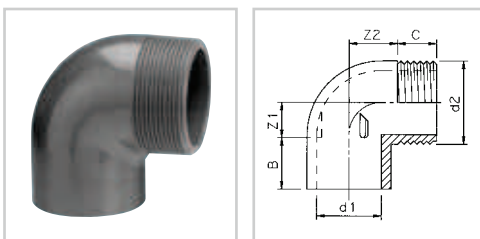
Knie 90°
Winkel 90°
Coude 90°
Gomito 90°
Code 90°



| ART.CODE | d1 | d2 | Z1 | Z2 | B | C | PN | QUANTITY |
|----------|----------|----------|------|------|----|----|----|----------|
| 2.28.020 | 1/2" (F) | 1/2" (M) | 20.5 | 20.5 | 16 | 16 | 10 | 200 |
| 2.28.025 | 3/4" (F) | 3/4" (M) | 24.5 | 24.5 | 17 | 17 | 10 | 300 |
| 2.28.032 | 1" (F) | 1" (M) | 30 | 30 | 21 | 21 | 10 | 200 |

ELBOW 90°

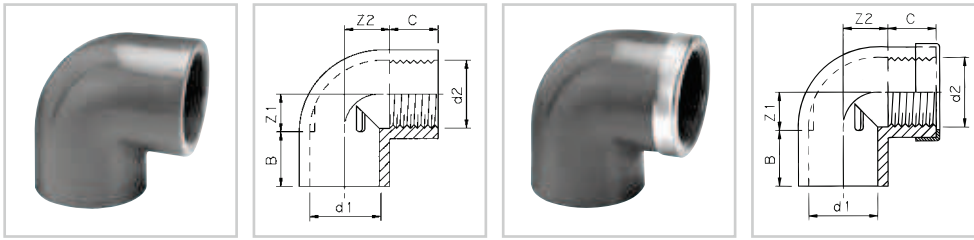
Knie 90°
Winkel 90°
Coude 90°
Gomito 90°
Code 90°



| ART.CODE | d1 | d2 | Z1 | Z2 | B | C | PN | QUANTITY |
|----------|----|------------|----|----|----|----|----|----------|
| 2.29.010 | 20 | 3/4" (M) | 11 | 17 | 16 | 16 | 16 | 200 |
| 2.29.020 | 25 | 1" (M) | 14 | 20 | 19 | 19 | 16 | 350 |
| 2.29.030 | 32 | 3/4" (M) | 22 | 30 | 22 | 19 | 10 | 250 |
| 2.29.040 | 32 | 1" (M) | 22 | 30 | 22 | 19 | 10 | 250 |
| 2.29.051 | 32 | 1 1/4" (M) | 17 | 24 | 22 | 21 | 10 | 250 |
| 2.29.061 | 40 | 1 1/4" (M) | 23 | 28 | 26 | 21 | 10 | 200 |
| 2.29.071 | 40 | 1 1/2" (M) | 23 | 28 | 26 | 21 | 10 | 175 |
| 2.29.081 | 50 | 1 1/4" (M) | 28 | 34 | 31 | 21 | 10 | 150 |
| 2.29.091 | 50 | 1 1/2" (M) | 28 | 34 | 31 | 21 | 10 | 125 |
| 2.29.101 | 50 | 2" (M) | 28 | 33 | 31 | 26 | 10 | 100 |

ELBOW 90°

Knie 90°
Winkel 90°
Coude 90°
Gomito 90°
Code 90°



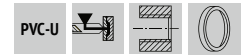
TYPE A

TYPE B

| ART.CODE | d1 | d2 | Z1 | Z2 | B | C | TYPE | PN | QUANTITY |
|----------|-----|------------|----|----|----|----|------|----|----------|
| 2.35.016 | 16 | 3/8" (F) | 9 | 11 | 14 | 12 | A | 10 | 200 |
| 2.40.016 | 16 | 3/8" (F) | 9 | 11 | 14 | 12 | B | 16 | 50 |
| 2.35.020 | 20 | 1/2" (F) | 11 | 11 | 16 | 16 | A | 10 | 200 |
| 2.40.020 | 20 | 1/2" (F) | 11 | 11 | 16 | 16 | B | 16 | 50 |
| 2.35.025 | 25 | 3/4" (F) | 14 | 16 | 19 | 17 | A | 10 | 300 |
| 2.40.025 | 25 | 3/4" (F) | 14 | 16 | 19 | 17 | B | 16 | 50 |
| 2.35.032 | 32 | 1" (F) | 17 | 18 | 22 | 21 | A | 10 | 100 |
| 2.40.032 | 32 | 1" (F) | 17 | 18 | 22 | 21 | B | 16 | 50 |
| 2.35.040 | 40 | 1 1/4" (F) | 22 | 26 | 27 | 23 | A | 10 | 100 |
| 2.40.040 | 40 | 1 1/4" (F) | 22 | 26 | 27 | 23 | B | 10 | 50 |
| 2.35.050 | 50 | 1 1/2" (F) | 28 | 36 | 31 | 23 | A | 10 | 100 |
| 2.40.050 | 50 | 1 1/2" (F) | 28 | 36 | 31 | 23 | B | 16 | 50 |
| 2.35.063 | 63 | 2" (F) | 34 | 41 | 38 | 31 | A | 10 | 50 |
| 2.40.063 | 63 | 2" (F) | 34 | 41 | 38 | 31 | B | 16 | 25 |
| 2.40.075 | 75 | 2 1/2" (F) | 39 | 47 | 44 | 36 | B | 10 | 30 |
| 2.40.090 | 90 | 3" (F) | 46 | 58 | 51 | 39 | B | 10 | 17 |
| 2.40.110 | 110 | 4" (F) | 58 | 80 | 61 | 39 | B | 10 | 12 |



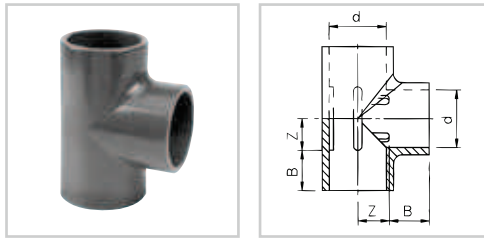
TYPE A



TYPE B

TEE 90°

T-Stuk 90°
T-Stück 90°
TE 90°
TI 90°
TE 90°



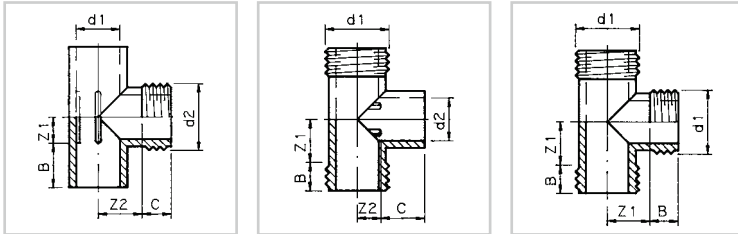
* = Kiwa certified acc. to
BRL 17301



| ART.CODE | d | Z | B | PN | QUANTITY |
|-----------|-----|-------|-----|----|------------|
| 2.01.010 | 10 | 6 | 12 | 16 | 250 (5x50) |
| 2.01.012* | 12 | 7 | 12 | 16 | 250 (5x50) |
| 2.01.016* | 16 | 9.5 | 14 | 16 | 200 (4x50) |
| 2.01.020* | 20 | 11.5 | 16 | 16 | 100 (2x50) |
| 2.01.025* | 25 | 14.5 | 19 | 16 | 250 |
| 2.01.032* | 32 | 17.5 | 22 | 16 | 225 |
| 2.01.033 | 32 | 17 | 22 | 10 | 250 |
| 2.01.040* | 40 | 23.5 | 26 | 16 | 125 |
| 2.01.041 | 40 | 23 | 26 | 10 | 125 |
| 2.01.050* | 50 | 27 | 32 | 16 | 75 |
| 2.01.051 | 50 | 27 | 32 | 10 | 75 |
| 2.01.063* | 63 | 35 | 38 | 16 | 38 |
| 2.01.064 | 63 | 34 | 38 | 10 | 38 |
| 2.01.075 | 75 | 40 | 44 | 16 | 24 |
| 2.01.076 | 75 | 40 | 44 | 10 | 24 |
| 2.01.090 | 90 | 48.5 | 51 | 16 | 14 |
| 2.01.091 | 90 | 48.5 | 51 | 10 | 14 |
| 2.01.110 | 110 | 59 | 61 | 16 | 7 |
| 2.01.111 | 110 | 59 | 61 | 10 | 7 |
| 2.01.125 | 125 | 66 | 69 | 16 | 4 |
| 2.01.140 | 140 | 73.5 | 76 | 16 | 3 |
| 2.01.160 | 160 | 83 | 86 | 16 | 2 |
| 2.01.200 | 200 | 106.5 | 107 | 10 | 1 |
| 2.01.225 | 225 | 118.5 | 120 | 10 | 1 |
| 2.01.250 | 250 | 131 | 132 | 10 | 1 |
| 2.01.280 | 280 | 152 | 146 | 10 | 1 |
| 2.01.315 | 315 | 168 | 164 | 10 | 1 |
| 2.01.400 | 400 | 214 | 206 | 6 | 1 |

TEE 90°

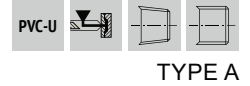
T-Stuk 90°
T-Stück 90°
TE 90°
TI 90°
TE 90°



TYPE A

TYPE B

TYPE C



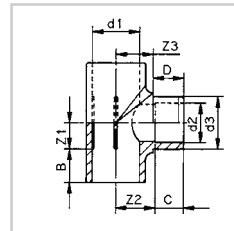
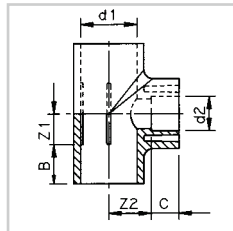
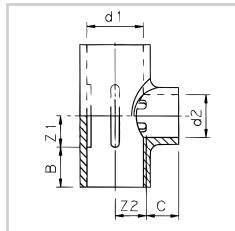
Straight threaded
Rechte schroefdraad
Geradem gewinde
Filetage droit
Filetto diritto
Recto rosca

| ART.CODE | d1 | d2 | Z1 | Z2 | B | C | TYPE | PN | QUANTITY |
|-----------|---------|---------|----|----|----|----|------|----|----------|
| 2.05.015 | 20 | ¾" (M) | 11 | 17 | 16 | 16 | A | 16 | 250 |
| 2.05.020 | 25 | ¾" (M) | 14 | 20 | 19 | 16 | A | 16 | 300 |
| 2.05.025 | 32 | 1" (M) | 14 | 20 | 19 | 19 | A | 16 | 250 |
| 2.05.030 | 32 | ¾" (M) | 17 | 23 | 22 | 16 | A | 16 | 200 |
| 2.05.035 | 32 | 1" (M) | 17 | 23 | 22 | 19 | A | 16 | 200 |
| 2.05.041 | 1" (M) | 32 | 31 | 20 | 19 | 22 | B | 10 | 250 |
| 2.05.046 | 32 | 1¼" (M) | 17 | 29 | 22 | 19 | A | 10 | 225 |
| 2.05.051 | 1¼" (M) | 32 | 26 | 17 | 21 | 22 | B | 10 | 175 |
| 2.05.056 | 1¼" (M) | - | 26 | - | 21 | - | C | 10 | 175 |
| 2.05.060 | 40 | 1" (M) | 23 | 27 | 26 | 19 | A | 16 | 125 |
| 2.05.066 | 40 | 1¼" (M) | 23 | 27 | 26 | 21 | A | 10 | 140 |
| 2.05.067 | 1¼" (M) | 40 | 27 | 23 | 21 | 26 | B | 10 | 150 |
| 2.05.071 | 40 | 1½" (M) | 23 | 27 | 26 | 21 | A | 10 | 130 |
| 2.05.075 | 50 | 1" (M) | 28 | 33 | 31 | 19 | A | 16 | 90 |
| 2.05.081 | 50 | 1¼" (M) | 28 | 33 | 31 | 21 | A | 10 | 90 |
| 2.05.086 | 50 | 1½" (M) | 28 | 33 | 31 | 21 | A | 10 | 90 |
| 2.05.090* | 63 | 1" (M) | 34 | 42 | 38 | 19 | A | 16 | 50 |
| 2.05.095* | 63 | 1¼" (M) | 34 | 42 | 38 | 21 | A | 16 | 45 |
| 2.05.100* | 63 | 1½" (M) | 34 | 42 | 38 | 21 | A | 16 | 40 |
| 2.05.105* | 63 | 2" (M) | 34 | 42 | 38 | 26 | A | 16 | 40 |
| 2.05.110* | 75 | 1¼" (M) | 40 | 50 | 44 | 21 | A | 16 | 30 |
| 2.05.115* | 75 | 1½" (M) | 40 | 50 | 44 | 21 | A | 16 | 30 |
| 2.05.120* | 75 | 2" (M) | 40 | 50 | 44 | 26 | A | 16 | 28 |

REDUCING TEE 90°

T-Stuk verlopend 90°
T-Stück reduzierend 90°
TE reduit 90°
TI ridotto 90°
TE reducida 90°

PVC-U



TYPE A

TYPE B

TYPE C

| ART.CODE | d1 | d2 | d3 | Z1 | Z2 | Z3 | B | C | D | TYPE | PN | QUANTITY |
|----------|-----|----|----|----|------|----|----|----|----|------|----|----------|
| 2.03.005 | 25 | 16 | - | 14 | 16 | - | 19 | 14 | - | A | 16 | 300 |
| 2.03.010 | 25 | 20 | - | 14 | 14 | - | 19 | 16 | - | A | 16 | 300 |
| 2.03.013 | 32 | 16 | - | 18 | 19 | - | 22 | 14 | - | A | 16 | 200 |
| 2.03.015 | 32 | 20 | - | 18 | 17 | - | 22 | 16 | - | A | 16 | 250 |
| 2.03.020 | 32 | 25 | - | 18 | 17 | - | 22 | 19 | - | A | 16 | 200 |
| 2.03.022 | 40 | 16 | - | 23 | 24 | - | 26 | 14 | - | A | 16 | 150 |
| 2.03.023 | 40 | 20 | - | 23 | 23 | - | 26 | 16 | - | A | 16 | 150 |
| 2.03.025 | 40 | 25 | - | 23 | 23 | - | 26 | 19 | - | A | 16 | 140 |
| 2.03.031 | 40 | 32 | - | 23 | 23 | - | 26 | 22 | - | A | 10 | 140 |
| 2.03.032 | 40 | 32 | - | 23 | 23 | - | 26 | 22 | - | A | 16 | 140 |
| 2.03.033 | 50 | 20 | - | 28 | 30.5 | - | 31 | 16 | - | A | 16 | 100 |
| 2.03.035 | 50 | 25 | - | 28 | 29.5 | - | 31 | 19 | - | A | 16 | 100 |
| 2.03.041 | 50 | 32 | - | 28 | 28.5 | - | 31 | 22 | - | A | 10 | 90 |
| 2.03.042 | 50 | 32 | - | 28 | 28.5 | - | 31 | 22 | - | A | 16 | 90 |
| 2.03.046 | 50 | 40 | - | 28 | 29 | - | 31 | 26 | - | A | 10 | 90 |
| 2.03.047 | 50 | 40 | 50 | 28 | 38 | 33 | 31 | 26 | 31 | C | 10 | 75 |
| 2.03.048 | 50 | 40 | - | 28 | 28.5 | - | 31 | 26 | - | A | 16 | 90 |
| 2.03.049 | 63 | 20 | - | 34 | 37 | - | 38 | 16 | - | A | 16 | 50 |
| 2.03.050 | 63 | 25 | - | 34 | 34 | - | 38 | 19 | - | A | 16 | 50 |
| 2.03.055 | 63 | 32 | - | 34 | 36 | - | 38 | 22 | - | A | 16 | 50 |
| 2.03.060 | 63 | 40 | - | 34 | 32.5 | - | 38 | 26 | - | A | 16 | 45 |
| 2.03.063 | 63 | 40 | 50 | 34 | 46.5 | 41 | 38 | 26 | 31 | C | 16 | 40 |
| 2.03.065 | 63 | 50 | - | 34 | 34 | - | 38 | 31 | - | A | 16 | 40 |
| 2.03.070 | 75 | 32 | - | 40 | 40.5 | - | 44 | 22 | - | A | 16 | 30 |
| 2.03.075 | 75 | 40 | - | 40 | 40.5 | - | 44 | 26 | - | A | 16 | 30 |
| 2.03.080 | 75 | 50 | - | 40 | 40.5 | - | 44 | 31 | - | A | 16 | 28 |
| 2.03.085 | 75 | 63 | - | 40 | 40.5 | - | 44 | 38 | - | A | 16 | 25 |
| 2.03.090 | 90 | 32 | - | 46 | 55 | - | 51 | 22 | - | A | 16 | 17 |
| 2.03.094 | 90 | 40 | - | 46 | 60 | - | 51 | 26 | - | A | 16 | 17 |
| 2.03.095 | 90 | 50 | - | 46 | 55 | - | 51 | 31 | - | A | 16 | 17 |
| 2.03.097 | 90 | 63 | - | 46 | 55 | - | 51 | 38 | - | A | 16 | 15 |
| 2.03.100 | 90 | 75 | - | 46 | 55 | - | 51 | 44 | - | A | 16 | 14 |
| 2.03.105 | 110 | 32 | - | 56 | 66.5 | - | 61 | 22 | - | A | 16 | 9 |

REDUCING TEE 90°

T-Stuk verlopend 90°
T-Stück reduzierend 90°
TE reduit 90°
TI ridotto 90°
TE reducida 90°



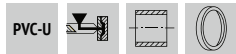
| ART.CODE | d1 | d2 | d3 | Z1 | Z2 | Z3 | B | C | D | TYPE | PN | QUANTITY |
|----------|-----|-----|----|------|------|----|-----|-----|---|------|----|----------|
| 2.03.107 | 110 | 40 | - | 56 | 72 | - | 61 | 26 | - | A | 16 | 9 |
| 2.03.110 | 110 | 50 | - | 56 | 66.5 | - | 61 | 31 | - | A | 16 | 9 |
| 2.03.111 | 110 | 63 | - | 56 | 65 | - | 61 | 38 | - | A | 16 | 9 |
| 2.03.112 | 110 | 75 | - | 56 | 65 | - | 61 | 44 | - | A | 16 | 8 |
| 2.03.115 | 110 | 90 | - | 56 | 65 | - | 61 | 51 | - | A | 16 | 8 |
| 2.03.120 | 125 | 50 | - | 64 | 75 | - | 69 | 31 | - | A | 16 | 4 |
| 2.03.123 | 125 | 63 | - | 64 | 87 | - | 69 | 38 | - | B | 16 | 4 |
| 2.03.124 | 125 | 75 | - | 64 | 81 | - | 69 | 44 | - | B | 16 | 4 |
| 2.03.125 | 125 | 90 | - | 64 | 75 | - | 69 | 51 | - | A | 16 | 4 |
| 2.03.126 | 125 | 110 | - | 66 | 74 | - | 69 | 61 | - | B | 16 | 4 |
| 2.03.130 | 140 | 50 | - | 71.5 | 82 | - | 76 | 31 | - | A | 16 | 4 |
| 2.03.135 | 140 | 75 | - | 71.5 | 78 | - | 76 | 44 | - | A | 16 | 4 |
| 2.03.137 | 140 | 90 | - | 71.5 | 81 | - | 76 | 51 | - | B | 16 | 4 |
| 2.03.140 | 140 | 110 | - | 71.5 | 73.5 | - | 76 | 61 | - | A | 16 | 4 |
| 2.03.153 | 160 | 75 | - | 81 | 98 | - | 86 | 44 | - | B | 16 | 2 |
| 2.03.154 | 160 | 90 | - | 81 | 91 | - | 86 | 51 | - | B | 16 | 2 |
| 2.03.155 | 160 | 110 | - | 81 | 81 | - | 86 | 61 | - | A | 16 | 3 |
| 2.03.156 | 160 | 125 | - | 81 | 100 | - | 86 | 69 | - | B | 16 | 2 |
| 2.03.165 | 200 | 110 | - | 106 | 131 | - | 107 | 61 | - | B | 10 | 1 |
| 2.03.170 | 200 | 160 | - | 106 | 106 | - | 107 | 86 | - | A | 10 | 1 |
| 2.03.185 | 225 | 110 | - | 119 | 143 | - | 120 | 61 | - | B | 10 | 1 |
| 2.03.190 | 225 | 160 | - | 119 | 119 | - | 120 | 86 | - | A | 10 | 1 |
| 2.03.205 | 250 | 160 | - | 131 | 151 | - | 132 | 86 | - | B | 10 | 1 |
| 2.03.210 | 250 | 200 | - | 131 | 131 | - | 132 | 106 | - | A | 10 | 1 |
| 2.03.225 | 280 | 160 | - | 120 | 180 | - | 146 | 86 | - | B | 10 | 1 |
| 2.03.230 | 280 | 225 | - | 120 | 149 | - | 146 | 119 | - | A | 10 | 1 |
| 2.03.245 | 315 | 160 | - | 120 | 197 | - | 164 | 86 | - | B | 10 | 1 |
| 2.03.250 | 315 | 225 | - | 120 | 165 | - | 164 | 119 | - | A | 10 | 1 |
| 2.03.265 | 400 | 225 | - | 163 | 258 | - | 206 | 119 | - | B | 6 | 1 |
| 2.03.270 | 400 | 315 | - | 163 | 213 | - | 206 | 164 | - | A | 6 | 1 |

TEE 90°

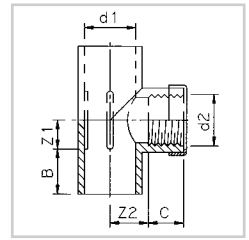
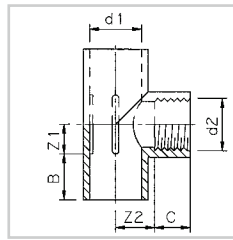
T-Stuk 90°
T-Stück 90°
TE 90°
TI 90°
TE 90°



TYPE A



TYPE B



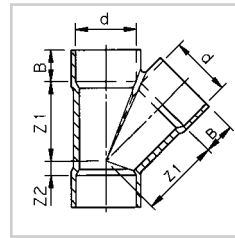
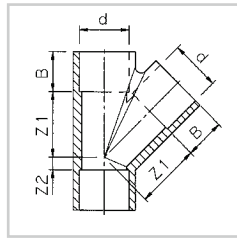
TYPE A

TYPE B

| ART.CODE | d1 | d2 | Z1 | Z2 | B | C | TYPE | PN | QUANTITY |
|----------|-----|------------|----|------|----|----|------|----|----------|
| 2.07.016 | 16 | 3/8" (F) | 9 | 11 | 14 | 12 | A | 10 | 100 |
| 2.07.017 | 16 | 3/8" (F) | 9 | 11 | 14 | 12 | B | 16 | 50 |
| 2.07.020 | 20 | 1/2" (F) | 11 | 12 | 16 | 16 | A | 10 | 100 |
| 2.07.021 | 20 | 1/2" (F) | 11 | 12 | 16 | 16 | B | 16 | 50 |
| 2.07.023 | 25 | 1/2" (F) | 14 | 14 | 19 | 16 | A | 10 | 200 |
| 2.07.024 | 25 | 1/2" (F) | 14 | 14 | 19 | 16 | B | 16 | 50 |
| 2.07.025 | 25 | 3/4" (F) | 14 | 16 | 19 | 17 | A | 10 | 200 |
| 2.07.026 | 25 | 3/4" (F) | 14 | 16 | 19 | 17 | B | 16 | 50 |
| 2.07.028 | 32 | 1/2" (F) | 17 | 17 | 22 | 16 | A | 10 | 100 |
| 2.07.029 | 32 | 1/2" (F) | 17 | 17 | 22 | 16 | B | 16 | 50 |
| 2.07.032 | 32 | 1" (F) | 17 | 19 | 22 | 20 | A | 10 | 100 |
| 2.07.033 | 32 | 1" (F) | 17 | 19 | 22 | 20 | B | 16 | 50 |
| 2.07.040 | 40 | 1 1/4" (F) | 23 | 26.5 | 26 | 22 | A | 10 | 100 |
| 2.07.041 | 40 | 1 1/4" (F) | 23 | 26.5 | 26 | 22 | B | 16 | 50 |
| 2.07.050 | 50 | 1 1/2" (F) | 27 | 37 | 32 | 22 | A | 10 | 50 |
| 2.07.051 | 50 | 1 1/2" (F) | 27 | 37 | 32 | 22 | B | 16 | 50 |
| 2.07.063 | 63 | 2" (F) | 34 | 41.5 | 38 | 30 | A | 10 | 25 |
| 2.07.064 | 63 | 2" (F) | 34 | 41.5 | 38 | 30 | B | 16 | 25 |
| 2.07.076 | 75 | 2 1/2" (F) | 40 | 53 | 44 | 31 | B | 10 | 18 |
| 2.07.091 | 90 | 3" (F) | 48 | 62 | 52 | 39 | B | 10 | 10 |
| 2.07.111 | 110 | 4" (F) | 62 | 84 | 62 | 41 | B | 10 | 7 |

TEE 45°

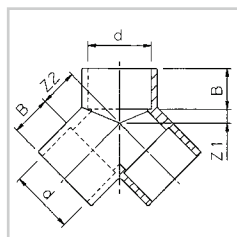
T-Stuk 45°
T-Stück 45°
TE 45°
TI 45°
TE 45°



TYPE A

TYPE B

| ART.CODE | d | Z1 | Z2 | B | TYPE | PN | QUANTITY |
|----------|-----|------|-----|-----|------|----|----------|
| 2.08.010 | 10 | 18 | 4 | 12 | A | 16 | 150 |
| 2.08.012 | 12 | 21 | 4 | 12 | A | 16 | 150 |
| 2.08.016 | 16 | 25 | 5 | 14 | A | 16 | 150 |
| 2.08.020 | 20 | 29.5 | 6 | 17 | A | 16 | 150 |
| 2.08.025 | 25 | 35.5 | 7.5 | 19 | A | 16 | 150 |
| 2.08.032 | 32 | 44.5 | 9 | 23 | A | 16 | 100 |
| 2.08.040 | 40 | 56 | 10 | 27 | A | 16 | 75 |
| 2.08.050 | 50 | 69 | 12 | 32 | A | 16 | 40 |
| 2.08.063 | 63 | 86 | 14 | 38 | A | 10 | 30 |
| 2.08.075 | 75 | 102 | 17 | 44 | A | 10 | 16 |
| 2.08.090 | 90 | 121 | 20 | 51 | A | 10 | 9 |
| 2.08.111 | 110 | 159 | 32 | 61 | B | 10 | 3 |
| 2.08.125 | 125 | 167 | 30 | 69 | A | 10 | 3 |
| 2.08.140 | 140 | 190 | 34 | 76 | A | 10 | 2 |
| 2.08.161 | 160 | 213 | 41 | 86 | B | 10 | 2 |
| 2.08.200 | 200 | 266 | 49 | 107 | B | 6 | 1 |
| 2.08.225 | 225 | 297 | 55 | 120 | B | 6 | 1 |
| 2.08.250 | 250 | 330 | 60 | 132 | B | 6 | 1 |



Y-ELBOW

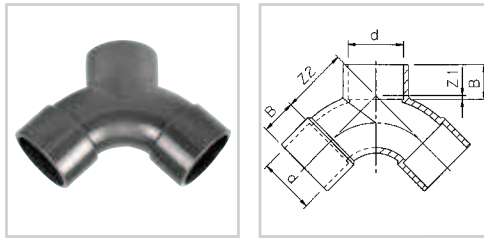
Y-Stuk
Y-Stück
Y-coude
Gomito a Y
Y griega

| ART.CODE | d | Z1 | Z2 | B | PN | QUANTITY |
|----------|----|----|----|----|----|----------|
| 2.09.050 | 50 | 11 | 30 | 31 | 16 | 70 |
| 2.09.063 | 63 | 14 | 36 | 38 | 16 | 35 |
| 2.09.075 | 75 | 17 | 43 | 44 | 16 | 20 |



Y-BEND

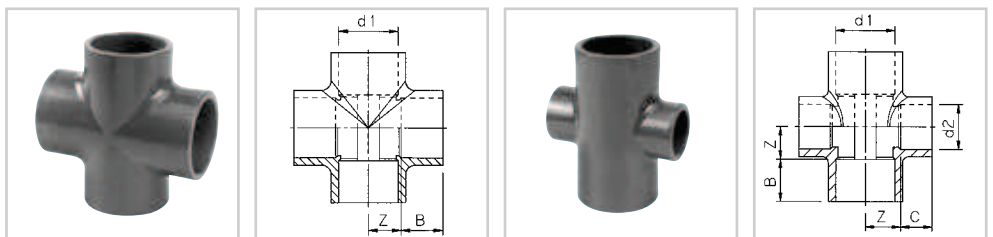
Stroom Y-Stuk
Y-Bogen
Y-Courbe
Curva a Y
Y curva con injerto



| ART.CODE | d | Z1 | Z2 | B | PN | QUANTITY |
|----------|----|----|----|----|----|----------|
| 2.09.051 | 50 | -3 | 61 | 31 | 16 | 55 |
| 2.09.064 | 63 | -3 | 77 | 38 | 10 | 25 |

CROSS

Kruisstuk
Kreuzstück
Croix
Croce
Cruz



TYPE A

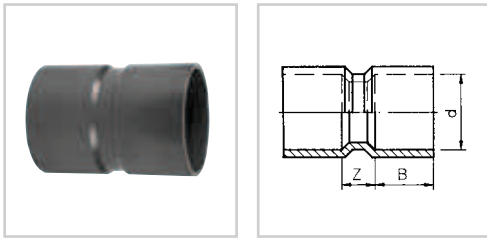
TYPE B



| ART.CODE | d1 | d2 | Z | B | C | TYPE | PN | QUANTITY |
|----------|-----|----|----|----|----|------|----|------------|
| 2.50.010 | 10 | - | 7 | 12 | - | A | 16 | 150 (3x50) |
| 2.50.012 | 12 | - | 8 | 12 | - | A | 16 | 150 (3x50) |
| 2.50.016 | 16 | - | 10 | 14 | - | A | 16 | 150 (3x50) |
| 2.50.020 | 20 | - | 11 | 16 | - | A | 16 | 100 (2x50) |
| 2.50.025 | 25 | - | 14 | 19 | - | A | 16 | 150 |
| 2.50.032 | 32 | - | 17 | 22 | - | A | 16 | 150 |
| 2.50.039 | 40 | 32 | 23 | 26 | 22 | B | 16 | 100 |
| 2.50.040 | 40 | - | 23 | 26 | - | A | 16 | 90 |
| 2.50.049 | 50 | 32 | 28 | 31 | 22 | B | 16 | 70 |
| 2.50.050 | 50 | - | 28 | 31 | - | A | 16 | 54 |
| 2.50.063 | 63 | - | 34 | 38 | - | A | 16 | 25 |
| 2.50.075 | 75 | - | 40 | 44 | - | A | 10 | 16 |
| 2.50.090 | 90 | - | 48 | 51 | - | A | 10 | 10 |
| 2.50.110 | 110 | - | 59 | 61 | - | A | 10 | 5 |

SOCKET

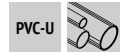
Sok
Doppelmuffe
Manchon
Manicotto
Manguito enchufe



| ART.CODE | d | Z | B | TYPE | PN | QUANTITY |
|----------|-----|-----|-----------|------|------|----------|
| 1.20.025 | 25 | 9 | 23 | A | 10 | 450 |
| 1.20.032 | 32 | 12 | 29 | A | 10 | 400 |
| 1.20.040 | 40 | 14 | 33 | A | 10 | 300 |
| 1.20.050 | 50 | 18 | 33 | A | 10 | 250 |
| 1.20.063 | 63 | 18 | 41 | A | 10 | 125 |
| 1.20.075 | 75 | 17 | 49 | A | 10 | 100 |
| 1.20.090 | 90 | 22 | 51 | A | 10 | 56 |
| 1.23.090 | 90 | 30 | 51 - 53 | B | 16 | 56 |
| 1.20.110 | 110 | 19 | 61 | A | 10 | 33 |
| 1.23.110 | 110 | 50 | 61 - 64 | B | 16 | 25 |
| 1.23.125 | 125 | 54 | 69 - 72 | B | 16 | 16 |
| 1.23.140 | 140 | 60 | 76 - 80 | B | 16 | 10 |
| 1.23.160 | 160 | 60 | 86 - 90 | B | 16 | 10 |
| 1.23.200 | 200 | 64 | 106 - 111 | B | 12.5 | 5 |
| 1.23.225 | 225 | 74 | 119 - 125 | B | 12.5 | 1 |
| 1.23.250 | 250 | 88 | 131 - 137 | B | 10 | 1 |
| 1.23.280 | 280 | 85 | 146 - 153 | B | 10 | 1 |
| 1.23.315 | 315 | 90 | 164 - 172 | B | 10 | 13 |
| 1.20.355 | 355 | 125 | 184 - 193 | B | 6 | 1 |
| 1.20.400 | 400 | 80 | 206 - 216 | B | 6 | 8 |



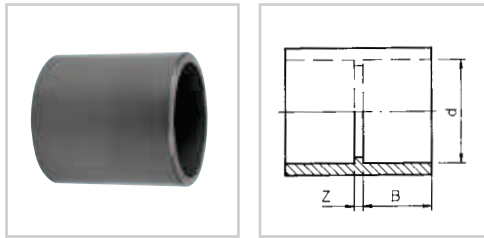
TYPE A



TYPE B

SOCKET

Sok
Muffe
Manchon
Manicotto
Manguito enchufe



* = Kiwa certified acc. to
BRL 17301



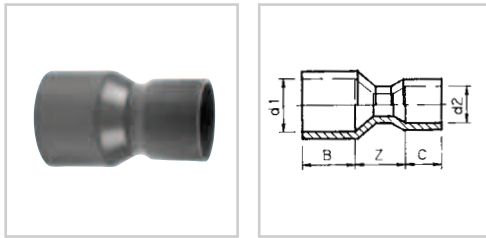
| ART.CODE | d | Z | B | PN | QUANTITY |
|-----------|-----|----|-----|----|------------|
| 3.90.010 | 10 | 4 | 12 | 16 | 300 (6x50) |
| 3.90.012* | 12 | 4 | 12 | 16 | 300 (6x50) |
| 3.90.016* | 16 | 4 | 14 | 16 | 300 (6x50) |
| 3.90.020* | 20 | 3 | 16 | 16 | 300 (6x50) |
| 3.90.025* | 25 | 3 | 19 | 16 | 200 |
| 3.90.032* | 32 | 4 | 22 | 16 | 300 |
| 3.90.040* | 40 | 5 | 26 | 16 | 200 |
| 3.90.050* | 50 | 5 | 31 | 16 | 200 |
| 3.90.063* | 63 | 4 | 38 | 16 | 100 |
| 3.90.075 | 75 | 4 | 44 | 16 | 65 |
| 3.90.090 | 90 | 5 | 51 | 16 | 36 |
| 3.90.110 | 110 | 9 | 61 | 16 | 24 |
| 3.90.125 | 125 | 8 | 69 | 16 | 12 |
| 3.90.140 | 140 | 8 | 76 | 16 | 10 |
| 3.90.160 | 160 | 7 | 87 | 16 | 8 |
| 3.90.200 | 200 | 14 | 109 | 10 | 3 |
| 3.90.225 | 225 | 17 | 121 | 10 | 1 |
| 3.90.250 | 250 | 17 | 134 | 10 | 1 |
| 3.90.280 | 280 | 17 | 149 | 10 | 1 |
| 3.90.315 | 315 | 17 | 166 | 10 | 1 |

3.90.355 ref. 1.20.355 page 33

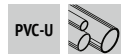
3.90.400 ref. 1.20.400 page 33

REDUCING SOCKET

Verloopsok
Reduktionmuffe
Manchon réduit
Manicotto di riduzione
Manguito de reducción

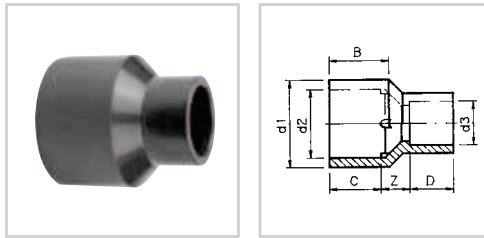


| ART.CODE | d1 | d2 | Z | B | C | PN | QUANTITY |
|----------|-----|-----|-----|-----------|-----------|------|----------|
| 1.30.030 | 63 | 50 | 29 | 38 - 40 | 31 - 33 | 12.5 | 150 |
| 1.30.035 | 75 | 50 | 42 | 44 - 46 | 31 - 33 | 7.5 | 100 |
| 1.30.040 | 75 | 63 | 38 | 44 - 46 | 38 - 40 | 12.5 | 100 |
| 1.30.045 | 90 | 50 | 37 | 51 - 53 | 31 - 33 | 12.5 | 50 |
| 1.30.050 | 90 | 63 | 55 | 51 - 53 | 38 - 40 | 10 | 50 |
| 1.30.055 | 90 | 75 | 40 | 51 - 53 | 44 - 46 | 12.5 | 72 |
| 1.30.060 | 110 | 75 | 60 | 61 - 64 | 44 - 46 | 7.5 | 50 |
| 1.30.065 | 110 | 90 | 60 | 61 - 64 | 51 - 53 | 12.5 | 45 |
| 1.30.070 | 125 | 90 | 73 | 69 - 72 | 51 - 53 | 10 | 24 |
| 1.30.075 | 125 | 110 | 63 | 69 - 72 | 61 - 64 | 10 | 24 |
| 1.30.078 | 140 | 110 | 71 | 76 - 80 | 61 - 64 | 6 | 15 |
| 1.30.079 | 140 | 125 | 65 | 76 - 80 | 69 - 72 | 10 | 12 |
| 1.30.080 | 160 | 110 | 95 | 86 - 90 | 61 - 64 | 6 | 12 |
| 1.30.085 | 160 | 125 | 80 | 86 - 90 | 69 - 72 | 10 | 12 |
| 1.30.087 | 160 | 140 | 76 | 86 - 90 | 76 - 80 | 10 | 8 |
| 1.30.090 | 200 | 125 | 120 | 106 - 111 | 69 - 72 | 6 | 6 |
| 1.30.092 | 200 | 140 | 111 | 106 - 111 | 76 - 80 | 6 | 8 |
| 1.30.095 | 200 | 160 | 97 | 106 - 111 | 86 - 90 | 10 | 4 |
| 1.30.096 | 225 | 160 | 123 | 119 - 125 | 86 - 90 | 6 | 1 |
| 1.30.097 | 225 | 200 | 85 | 119 - 125 | 106 - 111 | 10 | 1 |
| 1.30.100 | 250 | 200 | 111 | 131 - 137 | 106 - 111 | 10 | 1 |
| 1.30.103 | 250 | 225 | 99 | 131 - 137 | 119 - 125 | 10 | 1 |
| 1.30.110 | 280 | 225 | 125 | 146 - 153 | 119 - 125 | 6 | 1 |
| 1.30.113 | 280 | 250 | 112 | 146 - 153 | 131 - 137 | 10 | 1 |
| 1.30.117 | 315 | 225 | 155 | 164 - 172 | 119 - 125 | 6 | 1 |
| 1.30.120 | 315 | 250 | 140 | 164 - 172 | 131 - 137 | 6 | 1 |
| 1.30.123 | 315 | 280 | 120 | 164 - 172 | 146 - 153 | 10 | 14 |
| 1.30.125 | 355 | 315 | 130 | 184 - 193 | 164 - 172 | 6 | 1 |
| 1.30.130 | 400 | 315 | 168 | 206 - 216 | 164 - 172 | 6 | 8 |
| 1.30.132 | 400 | 355 | 135 | 206 - 216 | 184 - 193 | 6 | 1 |



INSERT REDUCING SOCKET

Inzet verloopsok
Einschub Reduktionsmuffe
Manchon réduit M/F
Riduzione inserire
Reducción concéntrica

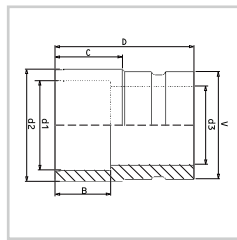


| ART.CODE | d1 | d2 | d3 | Z | B | C | D | PN | QUANTITY |
|----------|-----|-----|-----|-----|----|----|----|----|----------|
| 3.92.010 | 10 | 6 | 8 | 2 | 12 | 12 | 12 | 16 | 250 |
| 3.92.012 | 12 | 8 | 10 | 2 | 12 | 12 | 12 | 16 | 250 |
| 3.92.016 | 16 | 12 | 8 | 6 | 14 | 12 | 12 | 16 | 250 |
| 3.92.017 | 16 | 12 | 10 | 6 | 14 | 12 | 12 | 16 | 250 |
| 3.92.020 | 20 | 16 | 10 | 6 | 16 | 14 | 12 | 16 | 250 |
| 3.92.021 | 20 | 16 | 12 | 6 | 16 | 14 | 12 | 16 | 250 |
| 3.92.025 | 25 | 20 | 12 | 9 | 19 | 16 | 12 | 16 | 125 |
| 3.92.026 | 25 | 20 | 16 | 7 | 19 | 16 | 14 | 16 | 125 |
| 3.92.032 | 32 | 25 | 16 | 9.5 | 22 | 19 | 14 | 16 | 125 |
| 3.92.033 | 32 | 25 | 20 | 7.5 | 22 | 19 | 16 | 16 | 125 |
| 3.92.040 | 40 | 32 | 16 | 14 | 26 | 22 | 14 | 16 | 125 |
| 3.92.041 | 40 | 32 | 20 | 12 | 26 | 22 | 16 | 16 | 125 |
| 3.92.042 | 40 | 32 | 25 | 9 | 26 | 22 | 19 | 16 | 125 |
| 3.92.050 | 50 | 40 | 20 | 17 | 31 | 26 | 16 | 16 | 75 |
| 3.92.051 | 50 | 40 | 25 | 14 | 31 | 26 | 19 | 16 | 75 |
| 3.92.052 | 50 | 40 | 32 | 11 | 31 | 26 | 22 | 16 | 75 |
| 3.92.053 | 50 | 40 | 40 | 4 | 31 | 26 | 26 | 16 | 75 |
| 3.92.063 | 63 | 50 | 25 | 20 | 38 | 31 | 19 | 16 | 75 |
| 3.92.064 | 63 | 50 | 32 | 17 | 38 | 31 | 22 | 16 | 75 |
| 3.92.065 | 63 | 50 | 40 | 13 | 38 | 31 | 26 | 16 | 75 |
| 3.92.066 | 63 | 50 | 50 | 4 | 38 | 31 | 31 | 16 | 75 |
| 3.92.075 | 75 | 63 | 32 | 23 | 44 | 38 | 22 | 16 | 75 |
| 3.92.076 | 75 | 63 | 40 | 19 | 44 | 38 | 26 | 16 | 75 |
| 3.92.077 | 75 | 63 | 50 | 14 | 44 | 38 | 31 | 16 | 75 |
| 3.92.090 | 90 | 75 | 40 | 25 | 51 | 44 | 26 | 16 | 60 |
| 3.92.091 | 90 | 75 | 50 | 20 | 51 | 44 | 31 | 16 | 75 |
| 3.92.092 | 90 | 75 | 63 | 13 | 51 | 44 | 38 | 16 | 50 |
| 3.92.110 | 110 | 90 | 50 | 30 | 61 | 51 | 31 | 16 | 30 |
| 3.92.111 | 110 | 90 | 63 | 23 | 61 | 51 | 38 | 16 | 30 |
| 3.92.112 | 110 | 90 | 75 | 17 | 61 | 51 | 44 | 16 | 36 |
| 3.92.124 | 125 | 110 | 50 | 39 | 69 | 61 | 31 | 16 | 24 |
| 3.92.125 | 125 | 110 | 63 | 32 | 69 | 61 | 38 | 16 | 24 |
| 3.92.126 | 125 | 110 | 75 | 26 | 69 | 61 | 44 | 16 | 24 |
| 3.92.127 | 125 | 110 | 90 | 19 | 69 | 61 | 51 | 16 | 24 |
| 3.92.140 | 140 | 125 | 75 | 33 | 76 | 69 | 44 | 16 | 24 |
| 3.92.141 | 140 | 125 | 90 | 26 | 76 | 69 | 51 | 16 | 24 |
| 3.92.142 | 140 | 125 | 110 | 16 | 76 | 69 | 61 | 16 | 14 |
| 3.92.160 | 160 | 140 | 90 | 40 | 86 | 76 | 51 | 16 | 15 |
| 3.92.161 | 160 | 140 | 110 | 30 | 86 | 76 | 61 | 16 | 15 |
| 3.92.162 | 160 | 140 | 125 | 22 | 86 | 76 | 69 | 16 | 10 |

INSERT REDUCING SOCKET

Verloopsokinet
Einsatz Reduktionsmuffe
Manchon réduit M/F
Riduzione inserire
Reducción concéntrica

| ART.CODE | d1 | d2 | d3 | Z | B | C | D | PN | QUANTITY |
|----------|----|-----|-----|----|---|-----|-----|----|----------|
| 3.93.160 | - | 160 | 90 | 55 | - | 87 | 51 | 16 | 8 |
| 3.93.161 | - | 160 | 110 | 45 | - | 87 | 61 | 16 | 8 |
| 3.93.162 | - | 160 | 125 | 37 | - | 87 | 69 | 16 | 8 |
| 3.93.201 | - | 200 | 125 | 60 | - | 107 | 69 | 10 | 2 |
| 3.93.203 | - | 200 | 160 | 45 | - | 107 | 87 | 10 | 2 |
| 3.93.226 | - | 225 | 160 | 56 | - | 119 | 87 | 10 | 1 |
| 3.93.227 | - | 225 | 200 | 36 | - | 119 | 107 | 10 | 1 |
| 3.93.253 | - | 250 | 200 | 52 | - | 132 | 107 | 10 | 1 |
| 3.93.318 | - | 315 | 250 | 60 | - | 165 | 132 | 10 | 1 |



GROOVED TRANSITION SOCKET

Overgangssok
Übergangsmuffe
Manchon de transition
Manicotto di transizione
Manguito de transition

| ART.CODE | d1 | d2 | d3 | V | B | C | D | PN | QUANTITY |
|-----------|-----|-----|----|---------------|------|------|-----|----|----------|
| 3.95.040* | 32 | 40 | 29 | 1 ¼" V = 42.4 | 22.5 | 26.5 | 66 | 10 | 50 |
| 3.95.050 | 40 | 50 | 37 | 1 ½" V = 48.3 | 26 | 31 | 71 | 10 | 50 |
| 3.95.063 | 50 | 63 | 47 | 2" V = 60.3 | 31 | 38 | 78 | 10 | 50 |
| 3.95.075 | 63 | 75 | 57 | 2 ½" V = 73.0 | 38 | 44 | 84 | 10 | 50 |
| 3.95.090* | 75 | 90 | 74 | 3" V = 88.9 | 44 | 51 | 91 | 10 | 36 |
| 3.95.125* | 110 | 125 | 96 | 4" V = 114.3 | 68 | 68 | 113 | 6 | - |



*Made from pipe.

For connection to
Victaulic® grooved products.

Victaulic® is a
registered trademark
of Victaulic Company.

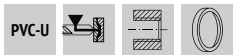
Art.code 3.95.125
availability upon request.

ADAPTOR SOCKET

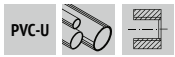
Draadsok
Schraubmuffe
Manchon taraudé
Manicotto
Manguito transición



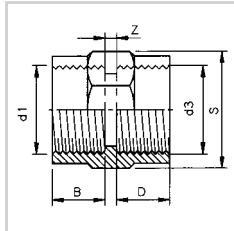
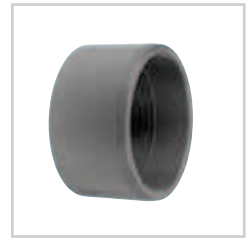
TYPE A



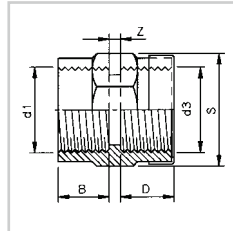
TYPE B & TYPE C



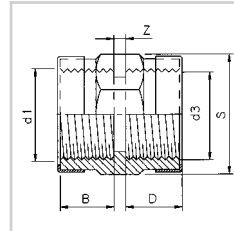
TYPE D



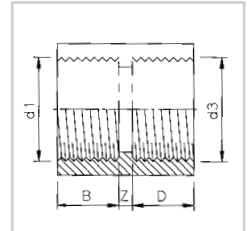
TYPE A



TYPE B



TYPE C



TYPE D

| ART.CODE | d1 | d3 | Z | B | D | S | TYPE | PN | QUANTITY |
|------------|--------|--------|----|----|----|----|------|----|----------|
| 3.26.010 | ¼" (F) | ¼" (F) | 2 | 12 | 12 | 24 | A | 16 | 100 |
| 3.26.012 | ¼" (F) | ⅜" (F) | 5 | 12 | 12 | 27 | A | 10 | 100 |
| 3.26.013 | ¼" (F) | ⅜" (F) | 5 | 12 | 12 | 27 | B | 16 | 50 |
| 3.26.015 | ⅜" (F) | ⅜" (F) | 5 | 12 | 12 | 27 | A | 10 | 100 |
| 3.26.016 | ⅜" (F) | ⅜" (F) | 5 | 12 | 12 | 27 | C | 16 | 50 |
| 3.26.017 | ⅜" (F) | ½" (F) | 6 | 12 | 15 | 32 | A | 10 | 100 |
| 3.26.018 | ⅜" (F) | ½" (F) | 6 | 12 | 15 | 32 | B | 16 | 50 |
| 3.26.019 | ¼" (F) | ½" (F) | 6 | 12 | 15 | 32 | A | 10 | 50 |
| 3.26.019.1 | ¼" (F) | ½" (F) | 6 | 12 | 15 | 32 | B | 16 | 50 |
| 3.26.020 | ½" (F) | ½" (F) | 3 | 15 | 15 | 32 | A | 10 | 100 |
| 3.26.021 | ½" (F) | ½" (F) | 3 | 15 | 15 | 32 | C | 16 | 50 |
| 3.26.021.1 | ⅜" (F) | ¾" (F) | 11 | 12 | 16 | 36 | A | 10 | 50 |
| 3.26.021.2 | ⅜" (F) | ¾" (F) | 11 | 12 | 16 | 36 | B | 16 | 50 |
| 3.26.022 | ½" (F) | ¾" (F) | 8 | 15 | 16 | 36 | A | 10 | 100 |
| 3.26.023 | ½" (F) | ¾" (F) | 8 | 15 | 16 | 36 | B | 16 | 50 |
| 3.26.025 | ¾" (F) | ¾" (F) | 7 | 16 | 16 | 36 | A | 10 | 100 |
| 3.26.026 | ¾" (F) | ¾" (F) | 7 | 16 | 16 | 36 | C | 16 | 50 |
| 3.26.027 | ½" (F) | 1" (F) | 6 | 15 | 22 | 46 | A | 10 | 100 |
| 3.26.027.1 | ½" (F) | 1" (F) | 6 | 15 | 22 | 46 | C | 16 | 50 |
| 3.26.028 | ¾" (F) | 1" (F) | 7 | 16 | 22 | 46 | A | 10 | 100 |

ADAPTOR SOCKET

Draadsok
Schraubmuffe
Manchon taraudé
Manicotto
Manguito transición

| ART.CODE | d1 | d3 | Z | B | D | S | TYPE | PN | QUANTITY |
|------------|---------|---------|----|----|----|-----|------|----|----------|
| 3.26.029 | ¾" (F) | 1" (F) | 7 | 16 | 22 | 46 | C | 16 | 75 |
| 3.26.030 | 1" (F) | 1" (F) | 3 | 22 | 22 | 46 | A | 10 | 100 |
| 3.26.031 | 1" (F) | 1" (F) | 3 | 22 | 22 | 46 | C | 16 | 50 |
| 3.26.032 | ¾" (F) | 1¼" (F) | 9 | 16 | 23 | 55 | A | 10 | 150 |
| 3.26.032.1 | ¾" (F) | 1¼" (F) | 9 | 16 | 23 | 55 | C | 16 | 50 |
| 3.26.033 | 1" (F) | 1¼" (F) | 7 | 22 | 23 | 55 | A | 10 | 150 |
| 3.26.034 | 1" (F) | 1¼" (F) | 7 | 22 | 23 | 55 | C | 16 | 50 |
| 3.26.035 | 1¼" (F) | 1¼" (F) | 6 | 23 | 23 | 55 | A | 10 | 100 |
| 3.26.036 | ¼" (F) | 1¼" (F) | 6 | 23 | 23 | 55 | C | 16 | 50 |
| 3.26.037 | 1" (F) | 1½" (F) | 8 | 22 | 25 | 66 | A | 10 | 100 |
| 3.26.037.1 | 1" (F) | 1½" (F) | 8 | 22 | 25 | 66 | C | 16 | 75 |
| 3.26.038 | 1¼" (F) | 1½" (F) | 10 | 23 | 25 | 66 | A | 10 | 100 |
| 3.26.039 | 1¼" (F) | 1½" (F) | 10 | 23 | 25 | 66 | C | 16 | 75 |
| 3.26.040 | 1½" (F) | 1½" (F) | 10 | 25 | 25 | 66 | A | 10 | 100 |
| 3.26.041 | 1½" (F) | 1½" (F) | 10 | 25 | 25 | 66 | C | 16 | 50 |
| 3.26.042 | 1¼" (F) | 2" (F) | 13 | 23 | 28 | 80 | A | 10 | 60 |
| 3.26.042.1 | 1¼" (F) | 2" (F) | 13 | 23 | 28 | 80 | C | 16 | 50 |
| 3.26.043 | 1½" (F) | 2" (F) | 12 | 25 | 28 | 80 | A | 10 | 50 |
| 3.26.044 | 1½" (F) | 2" (F) | 12 | 25 | 28 | 80 | C | 16 | 50 |
| 3.26.045 | 2" (F) | 2" (F) | 12 | 28 | 28 | 80 | A | 10 | 25 |
| 3.26.046 | 2" (F) | 2" (F) | 12 | 28 | 28 | 80 | C | 16 | 25 |
| 3.26.049 | 1½" (F) | 2½" (F) | 18 | 23 | 31 | 94 | C | 10 | 25 |
| 3.26.050 | 2" (F) | 2½" (F) | 19 | 25 | 31 | 94 | C | 10 | 25 |
| 3.26.051 | 2½" (F) | 2½" (F) | 16 | 31 | 31 | 94 | C | 10 | 40 |
| 3.26.066 | 3" (F) | 3" (F) | 18 | 36 | 36 | 114 | C | 10 | 25 |
| 3.26.071 | 4" (F) | 4" (F) | 32 | 38 | 38 | 137 | C | 10 | 15 |
| 1.25.055 | 5" (F) | 5" (F) | 10 | 38 | 38 | - | D | 10 | 10 |
| 1.25.060 | 6" (F) | 6" (F) | 12 | 48 | 48 | - | D | 10 | 10 |

ADAPTOR SOCKET

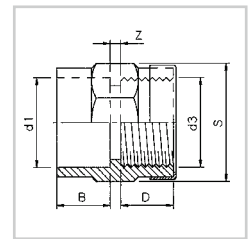
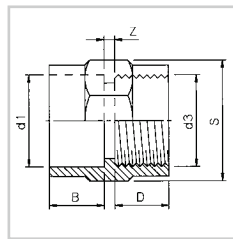
Draadsok
Schraubmuffe
Manchon taraudé
Manicotto
Manguito transición



TYPE A



TYPE B



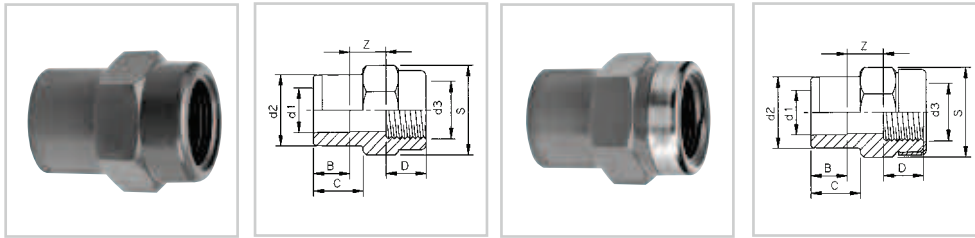
TYPE A

TYPE B

| ART.CODE | d1 | d3 | Z | B | D | S | TYPE | PN | QUANTITY |
|------------|-----|---------|----|----|----|-----|------|----|----------|
| 3.25.010 | 12 | ¼" (F) | 2 | 12 | 12 | 24 | A | 16 | 100 |
| 3.25.013 | 16 | ¼" (F) | 3 | 14 | 12 | 27 | A | 16 | 100 |
| 3.25.015 | 16 | ⅜" (F) | 3 | 14 | 12 | 27 | A | 10 | 100 |
| 3.25.016 | 16 | ⅜" (F) | 3 | 14 | 12 | 27 | B | 16 | 50 |
| 3.25.017 | 20 | ¼" (F) | 5 | 16 | 12 | 32 | A | 16 | 50 |
| 3.25.018 | 20 | ⅜" (F) | 5 | 16 | 12 | 32 | A | 16 | 100 |
| 3.25.020 | 20 | ½" (F) | 2 | 16 | 15 | 32 | A | 10 | 100 |
| 3.25.021 | 20 | ½" (F) | 2 | 16 | 15 | 32 | B | 16 | 50 |
| 3.25.026 | 25 | ½" (F) | 5 | 19 | 15 | 36 | A | 16 | 100 |
| 3.25.028 | 25 | ⅜" (F) | 8 | 19 | 12 | 36 | A | 16 | 50 |
| 3.25.030 | 25 | ¾" (F) | 4 | 19 | 16 | 36 | A | 10 | 100 |
| 3.25.031 | 25 | ¾" (F) | 4 | 19 | 16 | 36 | B | 16 | 50 |
| 3.25.036 | 32 | ½" (F) | 10 | 22 | 15 | 46 | A | 16 | 100 |
| 3.25.041 | 32 | ¾" (F) | 9 | 22 | 16 | 46 | A | 16 | 100 |
| 3.25.045 | 32 | 1" (F) | 3 | 22 | 22 | 46 | A | 10 | 100 |
| 3.25.046 | 32 | 1" (F) | 3 | 22 | 22 | 46 | B | 16 | 50 |
| 3.25.048 | 40 | ¾" (F) | 6 | 26 | 16 | 55 | A | 10 | 150 |
| 3.25.049 | 40 | ¾" (F) | 6 | 26 | 16 | 55 | B | 16 | 50 |
| 3.25.051 | 40 | 1" (F) | 4 | 26 | 22 | 55 | A | 16 | 100 |
| 3.25.055 | 40 | 1¼" (F) | 3 | 26 | 23 | 55 | A | 10 | 100 |
| 3.25.056 | 40 | 1¼" (F) | 3 | 26 | 23 | 55 | B | 16 | 50 |
| 3.25.058 | 50 | 1" (F) | 2 | 31 | 22 | 66 | A | 10 | 100 |
| 3.25.059 | 50 | 1" (F) | 2 | 31 | 22 | 66 | B | 16 | 75 |
| 3.25.061 | 50 | 1¼" (F) | 4 | 31 | 23 | 66 | A | 16 | 100 |
| 3.25.065 | 50 | 1½" (F) | 2 | 31 | 25 | 66 | A | 10 | 100 |
| 3.25.066 | 50 | 1½" (F) | 2 | 31 | 25 | 66 | B | 16 | 50 |
| 3.25.067 | 63 | 1¼" (F) | 3 | 38 | 23 | 80 | A | 10 | 50 |
| 3.25.067.1 | 63 | 1¼" (F) | 3 | 38 | 23 | 80 | B | 16 | 50 |
| 3.25.069 | 63 | 1½" (F) | 5 | 38 | 25 | 80 | A | 16 | 50 |
| 3.25.070 | 63 | 2" (F) | 3 | 38 | 27 | 80 | A | 10 | 50 |
| 3.25.071 | 63 | 2" (F) | 3 | 38 | 27 | 80 | B | 16 | 25 |
| 3.25.076 | 75 | 1½" (F) | 5 | 44 | 23 | 96 | A | 10 | 40 |
| 3.25.077 | 75 | 1½" (F) | 5 | 44 | 23 | 96 | B | 16 | 40 |
| 3.25.078 | 75 | 2" (F) | 4 | 44 | 27 | 96 | A | 10 | 45 |
| 3.25.079 | 75 | 2" (F) | 4 | 44 | 27 | 96 | B | 16 | 35 |
| 3.25.081 | 75 | 2½" (F) | 4 | 44 | 31 | 96 | B | 10 | 25 |
| 3.25.091 | 90 | 3" (F) | 4 | 51 | 36 | 114 | B | 10 | 24 |
| 3.25.101 | 110 | 4" (F) | 6 | 56 | 45 | 137 | B | 10 | 15 |

ADAPTOR SOCKET

Draadsok
Schraubmuffe
Manchon taraudé
Manicotto
Manguito transición



TYPE A

TYPE B

| ART.CODE | d1 | d2 | d3 | Z | B | C | D | S | TYPE | PN | QUANTITY |
|----------|----|----|------------|------|----|----|----|----|------|----|----------|
| 3.27.010 | 10 | 16 | 1/4" (F) | 9 | 12 | 14 | 12 | 24 | A | 16 | 100 |
| 3.27.015 | 12 | 16 | 3/8" (F) | 11 | 12 | 14 | 12 | 27 | A | 10 | 100 |
| 3.27.016 | 12 | 16 | 3/8" (F) | 11 | 12 | 14 | 12 | 27 | B | 16 | 50 |
| 3.27.017 | - | 20 | 1/2" (F) | - | - | 16 | 15 | 32 | A | 10 | 100 |
| 3.27.018 | - | 20 | 1/2" (F) | - | - | 16 | 15 | 32 | B | 16 | 50 |
| 3.27.020 | 16 | 25 | 1/2" (F) | 13.5 | 14 | 19 | 15 | 32 | A | 10 | 100 |
| 3.27.021 | 16 | 25 | 1/2" (F) | 13.5 | 14 | 19 | 15 | 32 | B | 16 | 50 |
| 3.27.025 | 20 | 32 | 3/4" (F) | 17 | 16 | 22 | 16 | 36 | A | 10 | 100 |
| 3.27.026 | 20 | 32 | 3/4" (F) | 17 | 16 | 22 | 16 | 36 | B | 16 | 50 |
| 3.27.032 | 25 | 32 | 1" (F) | 15.5 | 19 | 22 | 22 | 46 | A | 10 | 200 |
| 3.27.033 | 25 | 32 | 1" (F) | 15.5 | 19 | 22 | 22 | 46 | B | 16 | 75 |
| 3.27.040 | 32 | 40 | 1 1/4" (F) | 17 | 23 | 26 | 23 | 55 | A | 10 | 100 |
| 3.27.041 | 32 | 40 | 1 1/4" (F) | 17 | 23 | 26 | 23 | 55 | B | 16 | 100 |
| 3.27.050 | 40 | 50 | 1 1/2" (F) | 21 | 26 | 31 | 25 | 66 | A | 10 | 75 |
| 3.27.051 | 40 | 50 | 1 1/2" (F) | 21 | 26 | 31 | 25 | 66 | B | 16 | 75 |
| 3.27.063 | 50 | 63 | 2" (F) | 26.5 | 32 | 38 | 28 | 80 | A | 10 | 60 |
| 3.27.064 | 50 | 63 | 2" (F) | 26.5 | 32 | 38 | 28 | 80 | B | 16 | 25 |
| 3.27.076 | 63 | 75 | 2 1/2" (F) | 29.5 | 38 | 44 | 31 | 96 | B | 10 | 25 |



TYPE A



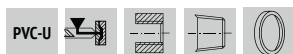
TYPE B

ADAPTOR SOCKET

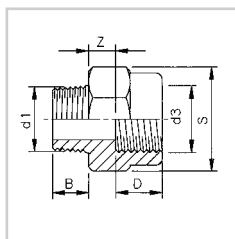
Draadsok
Schraubmuffe
Manchon taraudé
Manicotto
Manguito transición



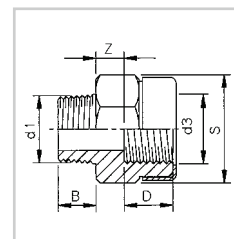
TYPE A



TYPE B



TYPE A

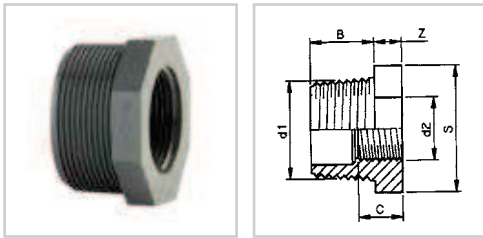


TYPE B

| ART.CODE | d1 | d3 | Z | B | D | S | TYPE | PN | QUANTITY |
|------------|------------|------------|------|----|----|----|------|----|----------|
| 3.28.010 | 3/8" (M) | 1/4" (F) | 7 | 12 | 12 | 24 | A | 16 | 100 |
| 3.28.015 | 1/4" (M) | 3/8" (F) | 8.5 | 12 | 12 | 27 | A | 10 | 100 |
| 3.28.016 | 1/4" (M) | 3/8" (F) | 8.5 | 12 | 12 | 27 | B | 16 | 50 |
| 3.28.017 | 1/2" (M) | 3/8" (F) | 8.5 | 16 | 12 | 27 | A | 10 | 100 |
| 3.28.018 | 1/2" (M) | 3/8" (F) | 8.5 | 16 | 12 | 27 | B | 16 | 50 |
| 3.28.020 | 3/8" (M) | 1/2" (F) | 8 | 12 | 15 | 32 | A | 10 | 100 |
| 3.28.021 | 3/8" (M) | 1/2" (F) | 8 | 12 | 15 | 32 | B | 16 | 50 |
| 3.28.021.1 | 1/2" (M) | 1/2" (F) | 8 | 16 | 15 | 32 | A | 10 | 50 |
| 3.28.021.2 | 1/2" (M) | 1/2" (F) | 8 | 16 | 15 | 32 | B | 16 | 50 |
| 3.28.022 | 3/4" (M) | 1/2" (F) | 8 | 17 | 15 | 32 | A | 10 | 100 |
| 3.28.023 | 3/4" (M) | 1/2" (F) | 8 | 17 | 15 | 32 | B | 16 | 50 |
| 3.28.025 | 1/2" (M) | 3/4" (F) | 10.5 | 16 | 16 | 36 | A | 10 | 100 |
| 3.28.026 | 1/2" (M) | 3/4" (F) | 10.5 | 16 | 16 | 36 | B | 16 | 50 |
| 3.28.026.1 | 3/4" (M) | 3/4" (F) | 10.5 | 17 | 16 | 36 | A | 10 | 50 |
| 3.28.026.2 | 3/4" (M) | 3/4" (F) | 10.5 | 17 | 16 | 36 | B | 16 | 50 |
| 3.28.027 | 1" (M) | 3/4" (F) | 10.5 | 21 | 16 | 36 | A | 10 | 100 |
| 3.28.028 | 1" (M) | 3/4" (F) | 10.5 | 21 | 16 | 36 | B | 16 | 50 |
| 3.28.032 | 3/4" (M) | 1" (F) | 12 | 17 | 22 | 46 | A | 10 | 100 |
| 3.28.033 | 3/4" (M) | 1" (F) | 12 | 17 | 22 | 46 | B | 16 | 50 |
| 3.28.034 | 1" (M) | 1" (F) | 12 | 21 | 22 | 46 | A | 10 | 90 |
| 3.28.035 | 1" (M) | 1" (F) | 12 | 21 | 22 | 46 | B | 16 | 75 |
| 3.28.036 | 1 1/4" (M) | 1" (F) | 12 | 23 | 22 | 46 | A | 10 | 150 |
| 3.28.037 | 1 1/4" (M) | 1" (F) | 12 | 23 | 22 | 46 | B | 16 | 75 |
| 3.28.040 | 1" (M) | 1 1/4" (F) | 14 | 21 | 23 | 55 | A | 10 | 150 |
| 3.28.041 | 1" (M) | 1 1/4" (F) | 14 | 21 | 23 | 55 | B | 16 | 50 |
| 3.28.042 | 1 1/4" (M) | 1 1/4" (F) | 14 | 23 | 23 | 55 | A | 10 | 150 |
| 3.28.043 | 1 1/4" (M) | 1 1/4" (F) | 14 | 23 | 23 | 55 | B | 16 | 50 |
| 3.28.044 | 1 1/2" (M) | 1 1/4" (F) | 14 | 23 | 23 | 55 | A | 10 | 150 |
| 3.28.045 | 1 1/2" (M) | 1 1/4" (F) | 14 | 23 | 23 | 55 | B | 16 | 100 |
| 3.28.050 | 1 1/4" (M) | 1 1/2" (F) | 16 | 23 | 25 | 66 | A | 10 | 100 |
| 3.28.051 | 1 1/4" (M) | 1 1/2" (F) | 16 | 23 | 25 | 66 | B | 16 | 75 |
| 3.28.052 | 1 1/2" (M) | 1 1/2" (F) | 16 | 23 | 25 | 66 | A | 10 | 100 |
| 3.28.053 | 1 1/2" (M) | 1 1/2" (F) | 16 | 23 | 25 | 66 | B | 16 | 75 |
| 3.28.063 | 1 1/2" (M) | 2" (F) | 20 | 23 | 28 | 80 | A | 10 | 50 |
| 3.28.064 | 1 1/2" (M) | 2" (F) | 20 | 23 | 28 | 80 | B | 16 | 50 |
| 3.28.065 | 2" (M) | 2" (F) | 20 | 27 | 28 | 80 | A | 10 | 50 |
| 3.28.066 | 2" (M) | 2" (F) | 20 | 27 | 28 | 80 | B | 16 | 40 |
| 3.28.076 | 2" (M) | 2 1/2" (F) | 23.5 | 27 | 31 | 96 | B | 10 | 45 |
| 3.28.078 | 2 1/2" (M) | 2 1/2" (F) | 23.5 | 31 | 31 | 96 | B | 10 | 45 |

REDUCING BUSH

Verlooping
Reduzierstück
Réduction courte
Riduzione corta
Reducción corta

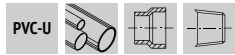


| ART.CODE | d1 | d2 | Z | B | C | S | PN | QUANTITY |
|----------|---------|---------|----|----|----|----|----|----------|
| 3.11.024 | ¾" (M) | ¼" (F) | 8 | 17 | 12 | 32 | 16 | 100 |
| 3.11.025 | ¾" (M) | ⅜" (F) | 8 | 17 | 14 | 32 | 16 | 100 |
| 3.11.031 | 1" (M) | ⅜" (F) | 9 | 21 | 14 | 36 | 16 | 100 |
| 3.11.032 | 1" (M) | ½" (F) | 9 | 21 | 16 | 36 | 16 | 100 |
| 3.11.039 | 1¼" (M) | ½" (F) | 10 | 23 | 16 | 46 | 16 | 100 |
| 3.11.040 | 1¼" (M) | ¾" (F) | 10 | 23 | 16 | 46 | 16 | 100 |
| 3.11.049 | 1½" (M) | ¾" (F) | 11 | 23 | 16 | 55 | 16 | 100 |
| 3.11.050 | 1½" (M) | 1" (F) | 11 | 23 | 22 | 55 | 16 | 100 |
| 3.11.062 | 2" (M) | 1" (F) | 12 | 27 | 22 | 65 | 16 | 100 |
| 3.11.063 | 2" (M) | 1¼" (F) | 12 | 27 | 23 | 65 | 16 | 100 |
| 3.11.064 | 2" (M) | 1½" (F) | 12 | 27 | 24 | 65 | 16 | 100 |
| 3.11.074 | 2½" (M) | 1¼" (F) | 13 | 31 | 23 | 80 | 16 | 50 |
| 3.11.075 | 2½" (M) | 1½" (F) | 13 | 31 | 23 | 80 | 16 | 50 |
| 3.11.076 | 2½" (M) | 2" (F) | 13 | 31 | 34 | 80 | 16 | 50 |
| 3.11.089 | 3" (M) | 1½" (F) | 16 | 34 | 23 | 94 | 16 | 50 |
| 3.11.090 | 3" (M) | 2" (F) | 16 | 34 | 34 | 94 | 16 | 50 |
| 3.11.091 | 3" (M) | 2½" (F) | 16 | 34 | 39 | 94 | 16 | 50 |

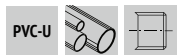


ADAPTOR NIPLE

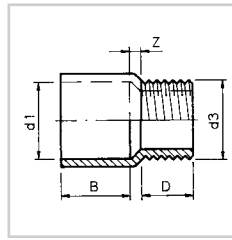
Draadeind
Gewindestück
Embout fileté
Manicotto nipplo
Manchon de transición



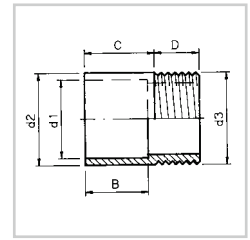
TYPE A



TYPE B



TYPE A

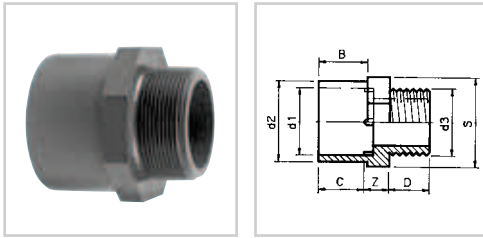


TYPE B

| ART.CODE | d1 | d2 | d3 | Z | B | C | D | TYPE | PN | QUANTITY |
|----------|-----|-----|---------|----|-----|----|----|------|----|----------|
| 1.40.010 | 25 | - | ½" (M) | 11 | 19 | - | 13 | A | 16 | 300 |
| 1.40.015 | 25 | - | ¾" (M) | 10 | 19 | - | 14 | A | 16 | 300 |
| 1.40.020 | 25 | 32 | 1" (M) | - | 19 | 22 | 19 | B | 16 | 300 |
| 1.40.025 | 32 | - | ½" (M) | 17 | 22 | - | 13 | A | 10 | 400 |
| 1.40.030 | 32 | - | ¾" (M) | 14 | 22 | - | 14 | A | 16 | 350 |
| 1.40.035 | 32 | - | 1" (M) | 9 | 22 | - | 17 | A | 16 | 300 |
| 1.40.040 | 32 | 40 | 1¼" (M) | - | 22 | 26 | 21 | B | 16 | 300 |
| 1.40.045 | 40 | - | 1" (M) | 18 | 26 | - | 17 | A | 16 | 300 |
| 1.40.050 | 40 | - | 1¼" (M) | 10 | 26 | - | 18 | A | 16 | 300 |
| 1.40.055 | 40 | 48 | 1½" (M) | 10 | 26 | 36 | 23 | B | 16 | 300 |
| 1.40.060 | 50 | - | 1¼" (M) | 14 | 31 | - | 18 | A | 16 | 200 |
| 1.40.065 | 50 | - | 1½" (M) | 13 | 31 | - | 21 | A | 16 | 200 |
| 1.40.070 | 50 | 60 | 2" (M) | 10 | 32 | 43 | 27 | B | 16 | 200 |
| 1.40.075 | 63 | - | 1¼" (M) | 31 | 38 | - | 18 | A | 10 | 100 |
| 1.40.080 | 63 | - | 1½" (M) | 27 | 38 | - | 18 | A | 16 | 100 |
| 1.40.085 | 63 | - | 2" (M) | 16 | 38 | - | 23 | A | 16 | 100 |
| 1.40.090 | 63 | 75 | 2½" (M) | - | 38 | 44 | 19 | B | 16 | 100 |
| 1.40.095 | 75 | - | 1¼" (M) | 42 | 44 | - | 29 | A | 10 | 75 |
| 1.40.100 | 75 | - | 1½" (M) | 36 | 44 | - | 18 | A | 10 | 75 |
| 1.40.105 | 75 | - | 2" (M) | 26 | 44 | - | 19 | A | 16 | 75 |
| 1.40.110 | 75 | - | 2½" (M) | 15 | 44 | - | 29 | A | 16 | 80 |
| 1.40.115 | 75 | 90 | 3" (M) | - | 44 | 51 | 34 | B | 16 | 65 |
| 1.40.120 | 90 | - | 2" (M) | 40 | 51 | - | 20 | A | 10 | 45 |
| 1.40.125 | 90 | - | 2½" (M) | 27 | 51 | - | 29 | A | 16 | 55 |
| 1.40.130 | 90 | - | 3" (M) | 18 | 51 | - | 30 | A | 16 | 36 |
| 1.40.135 | 90 | 110 | 4" (M) | - | 51 | 66 | 33 | B | 16 | 24 |
| 1.40.140 | 110 | - | 2½" (M) | 45 | 61 | - | 29 | A | 10 | 24 |
| 1.40.145 | 110 | - | 3" (M) | 40 | 61 | - | 30 | A | 16 | 32 |
| 1.40.150 | 110 | - | 4" (M) | 12 | 61 | - | 33 | A | 16 | 27 |
| 1.40.155 | 125 | - | 3" (M) | 47 | 69 | - | 30 | A | 16 | 24 |
| 1.40.160 | 125 | - | 4" (M) | 32 | 69 | - | 33 | A | 16 | 24 |
| 1.40.165 | 125 | 140 | 5" (M) | - | 69 | 76 | 40 | B | 16 | 18 |
| 1.40.167 | 140 | - | 4" (M) | 37 | 76 | - | 33 | A | 16 | 12 |
| 1.40.168 | 140 | - | 5" (M) | 25 | 76 | - | 36 | A | 16 | 12 |
| 1.40.169 | 140 | 160 | 6" (M) | - | 76 | 87 | 45 | B | 16 | 10 |
| 1.40.170 | 160 | - | 4" (M) | 44 | 86 | - | 33 | A | 16 | 8 |
| 1.40.175 | 160 | - | 5" (M) | 22 | 86 | - | 36 | A | 16 | 8 |
| 1.40.180 | 160 | - | 6" (M) | 25 | 86 | - | 39 | A | 16 | 8 |
| 1.40.185 | 200 | - | 6" (M) | 50 | 106 | - | 39 | A | 10 | 4 |
| 1.40.190 | 200 | - | 8" (M) | 15 | 106 | - | 44 | A | 10 | 1 |

ADAPTOR NIPPLE

Draadeind
Gewindestück
Embout fileté
Manicotto nipplo
Manchon de transición



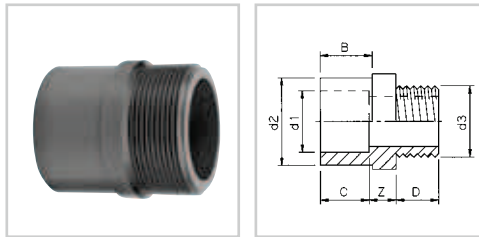
| ART.CODE | d1 | d2 | d3 | Z | B | C | D | S | PN | QUANTITY |
|----------|-----|------|------------|----|----|----|----|-----|----|----------|
| 3.15.010 | 10 | 16 | 1/4" (M) | 8 | 12 | 12 | 12 | 19 | 16 | 250 |
| 3.15.020 | 12 | 16 | 1/4" (M) | 8 | 12 | 12 | 12 | 19 | 16 | 250 |
| 3.15.030 | 16 | 23* | 1/4" (M) | 6 | 12 | 14 | 12 | 27 | 16 | 250 |
| 3.15.035 | 16 | 23* | 3/8" (M) | 6 | 12 | 14 | 12 | 27 | 16 | 250 |
| 3.15.040 | 16 | 23* | 1/2" (M) | 6 | 12 | 14 | 16 | 27 | 16 | 250 |
| 3.15.045 | 20 | 28* | 3/8" (M) | 6 | 14 | 16 | 12 | 32 | 16 | 250 |
| 3.15.050 | 20 | 28* | 1/2" (M) | 6 | 14 | 16 | 16 | 32 | 16 | 250 |
| 3.15.055 | 20 | 28* | 3/4" (M) | 6 | 14 | 16 | 17 | 32 | 16 | 250 |
| 3.15.060 | 25 | 32 | 1/2" (M) | 8 | 19 | 19 | 16 | 36 | 16 | 300 |
| 3.15.065 | 25 | 32 | 3/4" (M) | 6 | 19 | 19 | 19 | 36 | 16 | 300 |
| 3.15.070 | 25 | 32 | 1" (M) | 9 | 19 | 19 | 20 | 36 | 16 | 300 |
| 3.15.075 | 32 | 40 | 1/2" (M) | 10 | 22 | 22 | 16 | 46 | 16 | 300 |
| 3.15.080 | 32 | 40 | 3/4" (M) | 10 | 22 | 22 | 17 | 46 | 16 | 300 |
| 3.15.085 | 32 | 40 | 1" (M) | 10 | 22 | 22 | 21 | 46 | 16 | 300 |
| 3.15.090 | 32 | 40 | 1 1/4" (M) | 10 | 22 | 22 | 23 | 46 | 16 | 300 |
| 3.15.092 | 40 | 50 | 1/2" (M) | 11 | 26 | 26 | 16 | 55 | 16 | 225 |
| 3.15.093 | 40 | 50 | 3/4" (M) | 11 | 26 | 26 | 17 | 55 | 16 | 225 |
| 3.15.095 | 40 | 50 | 1" (M) | 11 | 26 | 26 | 21 | 55 | 16 | 225 |
| 3.15.100 | 40 | 50 | 1 1/4" (M) | 11 | 26 | 26 | 23 | 55 | 16 | 200 |
| 3.15.105 | 40 | 50 | 1 1/2" (M) | 11 | 26 | 26 | 23 | 55 | 16 | 175 |
| 3.15.110 | 50 | 63 | 1" (M) | 12 | 31 | 31 | 21 | 65 | 16 | 150 |
| 3.15.115 | 50 | 63 | 1 1/4" (M) | 12 | 31 | 31 | 23 | 65 | 16 | 150 |
| 3.15.120 | 50 | 63 | 1 1/2" (M) | 12 | 31 | 31 | 23 | 65 | 16 | 150 |
| 3.15.125 | 50 | 63 | 2" (M) | 14 | 31 | 31 | 25 | 65 | 16 | 150 |
| 3.15.130 | 63 | 75 | 1 1/4" (M) | 19 | 44 | 38 | 23 | 80 | 16 | 80 |
| 3.15.135 | 63 | 75 | 1 1/2" (M) | 19 | 44 | 38 | 23 | 80 | 16 | 80 |
| 3.15.140 | 63 | 75 | 2" (M) | 19 | 44 | 38 | 27 | 80 | 16 | 80 |
| 3.15.145 | 63 | 75 | 2 1/2" (M) | 19 | 44 | 38 | 31 | 80 | 16 | 90 |
| 3.15.150 | 75 | 90 | 2" (M) | 26 | 51 | 44 | 26 | 95 | 16 | 48 |
| 3.15.155 | 75 | 90 | 2 1/2" (M) | 27 | 51 | 44 | 30 | 95 | 16 | 48 |
| 3.15.160 | 75 | 90 | 3" (M) | 28 | 51 | 44 | 33 | 95 | 16 | 48 |
| 3.15.165 | 90 | 110 | 2 1/2" (M) | 31 | 61 | 51 | 31 | 115 | 16 | 27 |
| 3.15.170 | 90 | 110 | 3" (M) | 31 | 61 | 51 | 33 | 115 | 16 | 27 |
| 3.15.175 | 90 | 110 | 4" (M) | 31 | 61 | 51 | 40 | 115 | 16 | 27 |
| 3.15.180 | 110 | 132* | 3" (M) | 25 | 61 | 61 | 33 | 138 | 16 | 20 |
| 3.15.185 | 110 | 132* | 4" (M) | 25 | 61 | 61 | 40 | 138 | 16 | 18 |



* Non-functional size

ADAPTOR NIPPLE

Draadeind
Gewindestück
Embout fileté
Manicotto nipplo
Manchon de transición

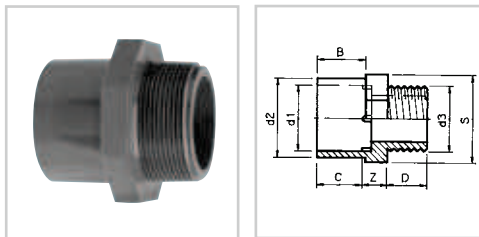


| ART.CODE | d1 | d2 | d3 | Z | B | C | D | PN | QUANTITY |
|----------|----|----|---------|----|----|----|----|----|----------|
| 3.20.030 | 25 | 32 | ½" (M) | 6 | 22 | 19 | 18 | 10 | 500 |
| 3.20.045 | 25 | 32 | ¾" (M) | 5 | 22 | 19 | 17 | 10 | 500 |
| 3.20.050 | 25 | 32 | 1" (M) | 6 | 22 | 19 | 17 | 10 | 500 |
| 3.20.055 | 32 | 40 | 1" (M) | 5 | 23 | 22 | 17 | 10 | 500 |
| 3.20.060 | 32 | 40 | 1¼" (M) | 4 | 23 | 22 | 18 | 10 | 600 |
| 3.20.065 | 40 | 50 | 1¼" (M) | 11 | 28 | 27 | 23 | 10 | 300 |
| 3.20.070 | 40 | 50 | 1½" (M) | 12 | 28 | 27 | 23 | 10 | 275 |
| 3.20.075 | 50 | - | 1½" (M) | 12 | - | 31 | 23 | 10 | 200 |
| 3.20.080 | 50 | - | 2" (M) | 12 | - | 31 | 27 | 10 | 150 |
| 3.20.090 | 63 | - | 2" (M) | 8 | - | 38 | 27 | 10 | 100 |



ADAPTOR NIPPLE

Inzetdraadeind
Gewindestück
Embout fileté
Manicotto nipplo
Manchon de transición

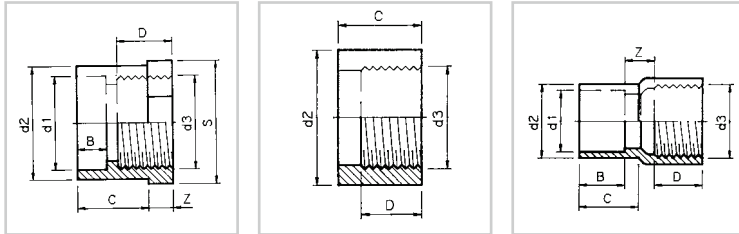


| ART.CODE | d1 | d2 | d3 | Z | B | C | S | D | PN | QUANTITY |
|----------|----|----|---------|----|----|----|----|----|----|----------|
| 3.30.010 | - | 16 | ¼" (M) | 8 | 14 | - | 27 | 12 | 16 | 100 |
| 3.30.011 | - | 16 | ⅜" (M) | 8 | 14 | - | 27 | 12 | 16 | 100 |
| 3.30.012 | - | 16 | ½" (M) | 8 | 14 | - | 27 | 16 | 16 | 100 |
| 3.30.015 | - | 20 | ⅜" (M) | 8 | 16 | - | 32 | 13 | 16 | 100 |
| 3.30.016 | - | 20 | ½" (M) | 8 | 16 | - | 32 | 16 | 16 | 100 |
| 3.30.017 | - | 20 | ¾" (M) | 8 | 16 | - | 32 | 17 | 16 | 100 |
| 3.30.020 | - | 25 | ½" (M) | 9 | 19 | - | 36 | 16 | 16 | 100 |
| 3.30.025 | - | 25 | ¾" (M) | 9 | 19 | - | 36 | 17 | 16 | 100 |
| 3.30.030 | - | 25 | 1" (M) | 9 | 19 | - | 36 | 21 | 16 | 100 |
| 3.30.040 | 25 | 32 | ¾" (M) | 10 | 22 | 19 | 46 | 17 | 16 | 100 |
| 3.30.045 | 25 | 32 | 1" (M) | 10 | 22 | 19 | 46 | 21 | 16 | 100 |
| 3.30.046 | 25 | 32 | 1¼" (M) | 10 | 22 | 19 | 46 | 23 | 16 | 100 |
| 3.30.050 | - | 40 | 1" (M) | 11 | 26 | - | 55 | 21 | 16 | 100 |
| 3.30.055 | - | 40 | 1¼" (M) | 11 | 26 | - | 55 | 23 | 16 | 100 |
| 3.30.060 | - | 50 | 1¼" (M) | 12 | 31 | - | 65 | 23 | 16 | 100 |
| 3.30.065 | - | 50 | 1½" (M) | 12 | 31 | - | 65 | 23 | 16 | 100 |
| 3.30.070 | - | 63 | 1¼" (M) | 14 | 38 | - | 80 | 26 | 16 | 100 |
| 3.30.075 | - | 63 | 1½" (M) | 13 | 38 | - | 80 | 23 | 16 | 100 |
| 3.30.080 | - | 63 | 2" (M) | 13 | 38 | - | 80 | 27 | 16 | 100 |



REDUCING BUSH

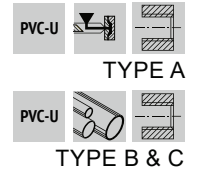
Lijmring
 Reduktionsstück
 Réduction courte
 Bussole di riduzione
 Casquillo reducción



TYPE A

TYPE B

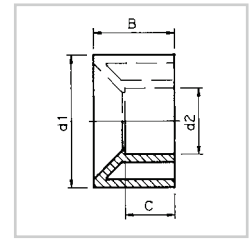
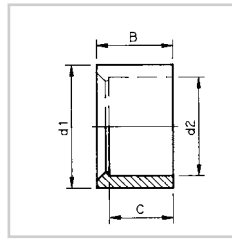
TYPE C



| ART.CODE | d1 | d2 | d3 | Z | B | C | S | D | TYPE | PN | QUANTITY |
|----------|----|-----|---------|----|----|-----|-----|----|------|----|----------|
| 3.10.016 | - | 16 | ¼" (F) | 6 | - | 14 | 19 | 14 | A | 16 | 250 |
| 3.10.020 | - | 20 | ¼" (F) | 6 | - | 16 | 22 | 14 | A | 16 | 250 |
| 3.10.021 | - | 20 | ⅜" (F) | 6 | - | 16 | 22 | 14 | A | 16 | 250 |
| 3.10.025 | - | 25 | ⅜" (F) | 8 | - | 19 | 27 | 14 | A | 16 | 250 |
| 3.10.026 | - | 25 | ½" (F) | 8 | - | 19 | 27 | 17 | A | 16 | 250 |
| 3.10.032 | - | 32 | ½" (F) | 8 | - | 22 | 36 | 17 | A | 16 | 250 |
| 3.10.033 | - | 32 | ¾" (F) | 8 | - | 22 | 36 | 19 | A | 16 | 250 |
| 3.10.039 | - | 40 | ½" (F) | 11 | - | 26 | 46 | 17 | A | 16 | 200 |
| 3.10.040 | - | 40 | ¾" (F) | 11 | - | 26 | 46 | 19 | A | 16 | 100 |
| 3.10.041 | - | 40 | 1" (F) | 11 | - | 26 | 46 | 21 | A | 16 | 100 |
| 3.10.048 | - | 50 | ½" (F) | 12 | - | 31 | 55 | 17 | A | 16 | 100 |
| 3.10.049 | - | 50 | ¾" (F) | 12 | - | 31 | 55 | 19 | A | 16 | 100 |
| 3.10.050 | - | 50 | 1" (F) | 12 | - | 31 | 55 | 21 | A | 16 | 100 |
| 3.10.051 | - | 50 | 1¼" (F) | 12 | - | 31 | 55 | 23 | A | 16 | 100 |
| 3.10.060 | - | 63 | ½" (F) | 13 | - | 38 | 65 | 17 | A | 16 | 100 |
| 3.10.061 | - | 63 | ¾" (F) | 13 | - | 38 | 65 | 19 | A | 16 | 100 |
| 3.10.062 | - | 63 | 1" (F) | 13 | - | 38 | 65 | 21 | A | 16 | 100 |
| 3.10.063 | - | 63 | 1¼" (F) | 13 | - | 38 | 65 | 23 | A | 16 | 100 |
| 3.10.064 | - | 63 | 1½" (F) | 13 | - | 38 | 65 | 23 | A | 16 | 100 |
| 3.10.074 | - | 75 | 1¼" (F) | 13 | - | 44 | 80 | 23 | A | 16 | 50 |
| 3.10.075 | - | 75 | 1½" (F) | 13 | - | 44 | 80 | 23 | A | 16 | 50 |
| 3.10.076 | - | 75 | 2" (F) | 13 | - | 44 | 80 | 29 | A | 16 | 50 |
| 3.10.090 | 75 | 90 | 2" (F) | 20 | 44 | 51 | 95 | 25 | A | 16 | 50 |
| 3.10.091 | - | 90 | 2½" (F) | 20 | - | 51 | 95 | 31 | A | 16 | 50 |
| 3.10.092 | 75 | 90 | 3" (F) | 25 | 44 | 51 | - | 35 | C | 10 | 50 |
| 3.10.110 | 90 | 110 | 2" (F) | 20 | - | 61 | 115 | 25 | A | 16 | 25 |
| 3.10.111 | 90 | 110 | 2½" (F) | 22 | - | 61 | 115 | 29 | A | 16 | 25 |
| 3.10.112 | - | 110 | 3" (F) | 22 | - | 61 | 115 | 34 | A | 16 | 25 |
| 3.10.113 | - | 110 | 4" (F) | 30 | - | 61 | - | 40 | C | 10 | 25 |
| 3.10.125 | - | 125 | 3" (F) | 25 | - | 61 | 138 | 32 | A | 10 | 25 |
| 3.10.126 | - | 125 | 4" (F) | 25 | - | 61 | 138 | 34 | A | 10 | 25 |
| 3.10.160 | - | 160 | 5" (F) | - | - | 86 | - | 38 | B | 16 | 8 |
| 3.10.200 | - | 200 | 6" (F) | - | - | 108 | - | 46 | B | 10 | 10 |

REDUCING BUSH

Lijmring
 Reduktionsstück
 Réduction courte
 Bussole di riduzione
 Casquillo reducción



TYPE A

TYPE B

| ART.CODE | d1 | d2 | B | C | TYPE | PN | QUANTITY |
|----------|-----|-----|----|----|------|----|----------|
| 3.05.016 | 16 | 12 | 14 | 12 | A | 16 | 250 |
| 3.05.018 | 20 | 10 | 16 | 12 | A | 16 | 250 |
| 3.05.019 | 20 | 12 | 16 | 12 | A | 16 | 250 |
| 3.05.020 | 20 | 16 | 16 | 14 | A | 16 | 250 |
| 3.05.024 | 25 | 12 | 19 | 12 | B | 16 | 250 |
| 3.05.025 | 25 | 16 | 19 | 14 | A | 16 | 250 |
| 3.05.026 | 25 | 20 | 19 | 16 | A | 16 | 250 |
| 3.05.032 | 32 | 16 | 22 | 14 | B | 16 | 250 |
| 3.05.033 | 32 | 20 | 22 | 16 | B | 16 | 250 |
| 3.05.034 | 32 | 25 | 22 | 19 | A | 16 | 250 |
| 3.05.040 | 40 | 16 | 26 | 14 | B | 16 | 200 |
| 3.05.041 | 40 | 20 | 26 | 16 | B | 16 | 200 |
| 3.05.042 | 40 | 25 | 26 | 19 | B | 16 | 200 |
| 3.05.043 | 40 | 32 | 26 | 22 | A | 16 | 200 |
| 3.05.050 | 50 | 20 | 31 | 16 | B | 16 | 200 |
| 3.05.051 | 50 | 25 | 31 | 19 | B | 16 | 200 |
| 3.05.052 | 50 | 32 | 31 | 22 | B | 16 | 200 |
| 3.05.053 | 50 | 40 | 31 | 26 | A | 16 | 200 |
| 3.05.063 | 63 | 25 | 38 | 19 | B | 16 | 200 |
| 3.05.064 | 63 | 32 | 38 | 22 | B | 16 | 200 |
| 3.05.065 | 63 | 40 | 38 | 26 | B | 16 | 200 |
| 3.05.066 | 63 | 50 | 38 | 31 | A | 16 | 200 |
| 3.05.075 | 75 | 32 | 44 | 22 | B | 16 | 100 |
| 3.05.076 | 75 | 40 | 44 | 26 | B | 16 | 100 |
| 3.05.077 | 75 | 50 | 44 | 31 | B | 16 | 100 |
| 3.05.078 | 75 | 63 | 44 | 38 | A | 16 | 100 |
| 3.05.090 | 90 | 50 | 51 | 31 | B | 16 | 50 |
| 3.05.091 | 90 | 63 | 51 | 38 | B | 16 | 50 |
| 3.05.092 | 90 | 75 | 51 | 44 | A | 16 | 50 |
| 3.05.095 | 90 | 80 | 51 | 46 | A | 16 | 50 |
| 3.05.110 | 110 | 50 | 61 | 31 | B | 16 | 25 |
| 3.05.111 | 110 | 63 | 61 | 38 | B | 16 | 25 |
| 3.05.112 | 110 | 75 | 61 | 44 | B | 16 | 25 |
| 3.05.113 | 110 | 90 | 61 | 51 | A | 16 | 25 |
| 3.05.115 | 110 | 100 | 61 | 56 | A | 16 | 25 |
| 3.05.125 | 125 | 75 | 69 | 44 | B | 16 | 24 |
| 3.05.126 | 125 | 90 | 69 | 51 | B | 16 | 24 |
| 3.05.127 | 125 | 110 | 69 | 61 | A | 16 | 24 |
| 3.05.140 | 140 | 75 | 76 | 44 | B | 16 | 15 |
| 3.05.141 | 140 | 90 | 76 | 51 | B | 16 | 15 |

REDUCING BUSH

Lijmring
Reduktionsstück
Réduction courte
Bussole di riduzione
Casquillo reducción

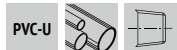
| ART.CODE | d1 | d2 | B | C | TYPE | PN | QUANTITY |
|----------|-----|-----|-----|-----|------|----|----------|
| 3.05.142 | 140 | 110 | 76 | 61 | B | 16 | 15 |
| 3.05.143 | 140 | 125 | 76 | 69 | A | 16 | 15 |
| 3.05.160 | 160 | 90 | 86 | 51 | B | 16 | 8 |
| 3.05.161 | 160 | 110 | 86 | 61 | B | 16 | 8 |
| 3.05.162 | 160 | 125 | 86 | 69 | A | 16 | 8 |
| 3.05.163 | 160 | 140 | 86 | 76 | A | 16 | 8 |
| 3.05.197 | 200 | 110 | 106 | 61 | B | 10 | 6 |
| 3.05.198 | 200 | 125 | 106 | 69 | B | 10 | 6 |
| 3.05.199 | 200 | 140 | 106 | 76 | B | 10 | 6 |
| 3.05.200 | 200 | 160 | 106 | 86 | A | 10 | 6 |
| 3.05.221 | 225 | 125 | 119 | 69 | B | 10 | 3 |
| 3.05.222 | 225 | 110 | 119 | 61 | B | 10 | 3 |
| 3.05.223 | 225 | 140 | 119 | 76 | B | 10 | 3 |
| 3.05.224 | 225 | 160 | 119 | 86 | B | 10 | 3 |
| 3.05.225 | 225 | 200 | 119 | 106 | A | 10 | 3 |
| 3.05.247 | 250 | 125 | 131 | 69 | B | 10 | 3 |
| 3.05.248 | 250 | 140 | 131 | 76 | B | 10 | 3 |
| 3.05.249 | 250 | 160 | 131 | 86 | B | 10 | 3 |
| 3.05.250 | 250 | 200 | 131 | 106 | A | 10 | 3 |
| 3.05.251 | 250 | 225 | 131 | 119 | A | 10 | 3 |
| 3.05.276 | 280 | 140 | 146 | 76 | B | 10 | 2 |
| 3.05.277 | 280 | 160 | 146 | 86 | B | 10 | 2 |
| 3.05.278 | 280 | 200 | 146 | 106 | B | 10 | 2 |
| 3.05.279 | 280 | 225 | 146 | 119 | A | 10 | 2 |
| 3.05.280 | 280 | 250 | 146 | 131 | A | 10 | 2 |
| 3.05.313 | 315 | 160 | 164 | 86 | B | 10 | 1 |
| 3.05.314 | 315 | 200 | 164 | 106 | B | 10 | 1 |
| 3.05.315 | 315 | 225 | 164 | 119 | B | 10 | 1 |
| 3.05.316 | 315 | 250 | 164 | 131 | A | 10 | 1 |
| 3.05.317 | 315 | 280 | 164 | 146 | A | 10 | 1 |
| 3.05.350 | 355 | 315 | 184 | 164 | A | 6 | 1 |
| 3.05.400 | 400 | 250 | 206 | 131 | B | 6 | 1 |
| 3.05.402 | 400 | 280 | 206 | 146 | B | 6 | 1 |
| 3.05.403 | 400 | 315 | 206 | 164 | A | 6 | 1 |
| 3.05.405 | 400 | 355 | 206 | 184 | A | 6 | 1 |

NIPPLE

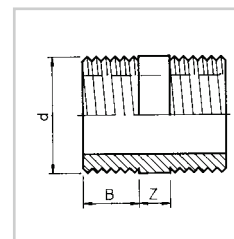
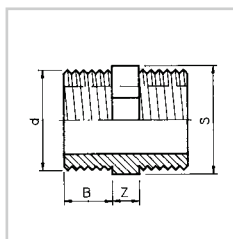
Draadnippel
Doppelnippel
Mamelon fileté
Nipplo
Nipple



TYPE A



TYPE B



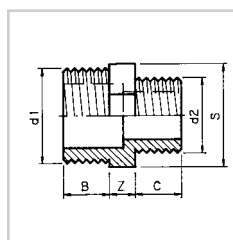
TYPE A

TYPE B

| ART.CODE | d | Z | B | S | TYPE | PN | QUANTITY |
|----------|---------|----|------|----|------|----|----------|
| 3.35.035 | ¼" (M) | 8 | 12 | 19 | A | 16 | 100 |
| 3.35.045 | ⅜" (M) | 8 | 12.5 | 24 | A | 16 | 100 |
| 3.35.055 | ½" (M) | 8 | 12.5 | 27 | A | 16 | 100 |
| 3.35.065 | ¾" (M) | 8 | 17 | 32 | A | 16 | 100 |
| 3.35.075 | 1" (M) | 9 | 21 | 36 | A | 16 | 100 |
| 3.35.085 | 1¼" (M) | 10 | 23 | 46 | A | 16 | 100 |
| 3.35.095 | 1½" (M) | 11 | 23 | 55 | A | 16 | 100 |
| 3.35.105 | 2" (M) | 12 | 27 | 65 | A | 16 | 100 |
| 1.50.025 | 2½" (M) | 8 | 31 | - | B | 16 | 25 |
| 1.50.030 | 3" (M) | 25 | 27 | - | B | 16 | 10 |
| 1.50.040 | 4" (M) | 16 | 33 | - | B | 16 | 10 |
| 1.50.050 | 5" (M) | 16 | 46 | - | B | 16 | 10 |

NIPPLE

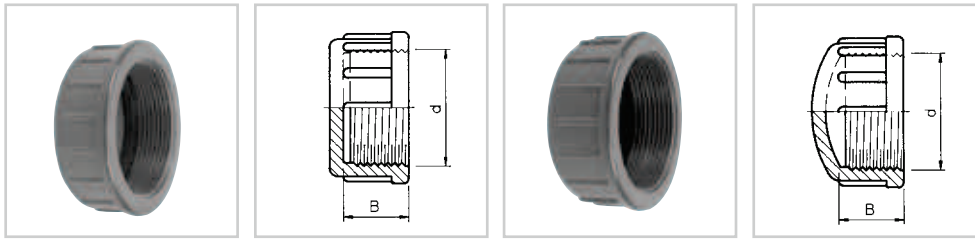
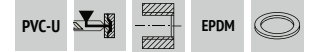
Draadnippel
Doppelnippel
Mamelon fileté
Nipplo
Nipple



| ART.CODE | d1 | d2 | Z | B | C | S | PN | QUANTITY |
|----------|---------|---------|----|----|----|----|----|----------|
| 3.35.040 | ⅜" (M) | ¼" (M) | 8 | 12 | 12 | 24 | 16 | 100 |
| 3.35.050 | ½" (M) | ⅜" (M) | 8 | 16 | 12 | 27 | 16 | 100 |
| 3.35.060 | ¾" (M) | ½" (M) | 8 | 17 | 16 | 32 | 16 | 100 |
| 3.35.070 | 1" (M) | ¾" (M) | 9 | 21 | 17 | 36 | 16 | 100 |
| 3.35.080 | 1¼" (M) | 1" (M) | 9 | 23 | 21 | 46 | 16 | 100 |
| 3.35.090 | 1½" (M) | 1¼" (M) | 11 | 23 | 23 | 55 | 16 | 100 |
| 3.35.100 | 2" (M) | 1½" (M) | 12 | 27 | 23 | 65 | 16 | 100 |

SCREWCAP

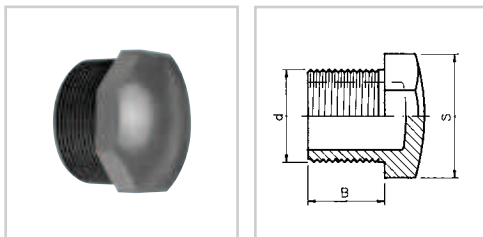
Draadkap
Schraubkappe
Bouchon taraudé
Calotta a filetto
Tapon rosco hembra



TYPE A

TYPE B

| ART.CODE | d | B | TYPE | PN | QUANTITY |
|----------|------------|----|------|----|-------------|
| 3.40.010 | 3/8" (F) | 13 | A | 10 | 250 (5x50) |
| 3.40.020 | 1/2" (F) | 14 | A | 10 | 500 (10x50) |
| 3.40.030 | 3/4" (F) | 16 | A | 10 | 400 (8x50) |
| 3.40.040 | 1" (F) | 17 | A | 10 | 500 (10x50) |
| 3.40.050 | 1 1/4" (F) | 19 | A | 10 | 500 (10x50) |
| 3.40.060 | 1 1/2" (F) | 23 | B | 10 | 300 |
| 3.40.062 | 1 1/2" (F) | 23 | A | 10 | 300 |
| 3.40.070 | 2" (F) | 27 | B | 10 | 150 |
| 3.40.072 | 2" (F) | 23 | A | 10 | 150 |
| 3.40.075 | 2 1/4" (F) | 25 | A | 10 | 25 |
| 3.40.080 | 2 1/2" (F) | 31 | B | 10 | 100 |
| 3.40.082 | 2 1/2" (F) | 29 | A | 10 | 100 |
| 3.40.085 | 2 3/4" (F) | 32 | A | 10 | 25 |
| 3.40.090 | 3" (F) | 34 | B | 10 | 50 |
| 3.40.092 | 3" (F) | 31 | A | 10 | 50 |
| 3.40.100 | 4" (F) | 41 | B | 6 | 10 |
| 3.40.102 | 4" (F) | 37 | A | 6 | 10 |



PLUG

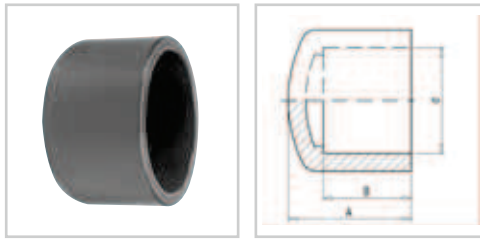
Draadstop
Gewindestopfen
Bouchon fileté
Tappo
Tapon rosco macho



| ART.CODE | d | B | S | PN | QUANTITY |
|----------|------------|----|-----|----|----------|
| 3.45.025 | 1/4" (M) | 13 | 17 | 16 | 100 |
| 3.45.030 | 3/8" (M) | 12 | 22 | 16 | 100 |
| 3.45.040 | 1/2" (M) | 16 | 27 | 16 | 100 |
| 3.45.045 | 3/4" (M) | 17 | 32 | 16 | 100 |
| 3.45.050 | 1" (M) | 21 | 36 | 16 | 100 |
| 3.45.055 | 1 1/4" (M) | 23 | 46 | 16 | 100 |
| 3.45.060 | 1 1/2" (M) | 23 | 55 | 16 | 100 |
| 3.45.065 | 2" (M) | 27 | 65 | 16 | 100 |
| 3.45.070 | 2 1/2" (M) | 31 | 94 | 10 | 25 |
| 3.45.075 | 3" (M) | 34 | 114 | 10 | 25 |
| 3.45.080 | 4" (M) | 40 | 138 | 10 | 25 |

CAP

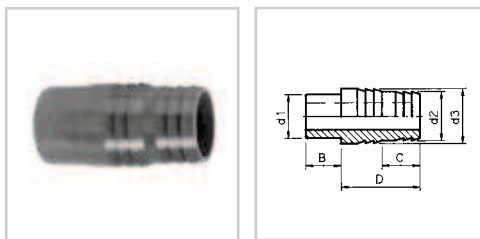
Lijmkap
Klebekappe
Bouchon à coller
Calotta
Tapón



| ART.CODE | d | A | B | PN | QUANTITY |
|----------|-----|-----|-----|----|----------|
| 3.55.010 | 10 | 17 | 12 | 16 | 250 |
| 3.55.012 | 12 | 18 | 12 | 16 | 250 |
| 3.55.016 | 16 | 24 | 14 | 16 | 250 |
| 3.55.020 | 20 | 25 | 16 | 16 | 250 |
| 3.55.025 | 25 | 29 | 19 | 16 | 250 |
| 3.55.032 | 32 | 33 | 22 | 16 | 175 |
| 3.55.040 | 40 | 40 | 26 | 16 | 100 |
| 3.55.050 | 50 | 47 | 31 | 16 | 200 |
| 3.55.063 | 63 | 57 | 38 | 16 | 115 |
| 3.55.075 | 75 | 67 | 44 | 16 | 70 |
| 3.55.090 | 90 | 77 | 51 | 16 | 45 |
| 3.55.110 | 110 | 95 | 61 | 16 | 24 |
| 3.55.125 | 125 | 103 | 69 | 16 | 15 |
| 3.55.140 | 140 | 118 | 76 | 16 | 15 |
| 3.55.160 | 160 | 131 | 86 | 16 | 8 |
| 3.55.200 | 200 | 170 | 107 | 10 | 3 |
| 3.55.225 | 225 | 185 | 119 | 10 | 2 |
| 3.55.250 | 250 | 205 | 132 | 10 | 2 |
| 3.55.280 | 280 | 230 | 147 | 10 | 1 |
| 3.55.315 | 315 | 255 | 165 | 10 | 1 |

HOSE NOZZLE

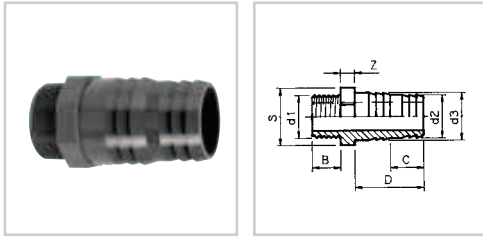
Slangpilaar
Schlauchtülle
Embout cannelé
Portagomma
Conexión manguera



| ART.CODE | d1 | d2 | d3 | B | C | D | QUANTITY |
|----------|----|----|----|----|----|----|----------|
| 3.57.010 | 10 | 10 | 10 | 12 | 16 | 31 | 100 |
| 3.57.012 | 12 | 12 | 14 | 12 | 16 | 36 | 100 |
| 3.57.016 | 16 | 16 | 18 | 14 | 18 | 40 | 100 |
| 3.57.020 | 20 | 20 | 22 | 16 | 20 | 44 | 100 |
| 3.57.025 | 25 | 25 | 28 | 19 | 24 | 54 | 100 |
| 3.57.032 | 32 | 31 | 34 | 22 | 28 | 63 | 100 |
| 3.57.040 | 40 | 40 | 43 | 26 | 32 | 72 | 100 |
| 3.57.050 | 50 | 50 | 53 | 31 | 35 | 80 | 100 |
| 3.57.063 | 63 | 60 | 66 | 38 | 40 | 90 | 50 |

HOSE NOZZLE

Slangpilaar
Schlauchtülle
Embout cannelé
Portagomma
Conexión manguera

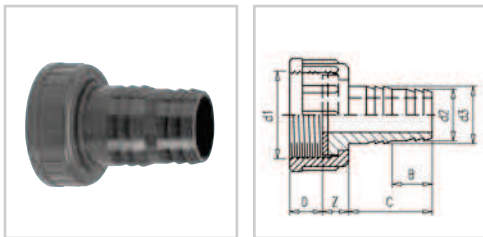


| ART.CODE | d1 | d2 | d3 | Z | B | C | D | S | QUANTITY |
|----------|---------|----|----|----|----|----|----|----|----------|
| 3.57.013 | ¼" (M) | 12 | 14 | 6 | 11 | 16 | 36 | 15 | 100 |
| 3.57.017 | ⅜" (M) | 16 | 18 | 7 | 12 | 18 | 40 | 19 | 100 |
| 3.57.021 | ½" (M) | 20 | 22 | 8 | 15 | 20 | 44 | 24 | 100 |
| 3.57.026 | ¾" (M) | 25 | 28 | 8 | 16 | 24 | 54 | 30 | 100 |
| 3.57.033 | 1" (M) | 31 | 34 | 9 | 18 | 28 | 63 | 35 | 100 |
| 3.57.041 | 1¼" (M) | 40 | 43 | 13 | 21 | 32 | 72 | 46 | 100 |
| 3.57.051 | 1½" (M) | 50 | 53 | 14 | 21 | 35 | 80 | 55 | 100 |
| 3.57.064 | 2" (M) | 60 | 66 | 16 | 26 | 40 | 90 | 70 | 50 |

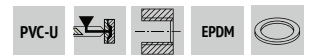


HOSE NOZZLE

Slangpilaar
Schlauchtülle
Embout cannelé
Portagomma
Conexión manguera



| ART.CODE | d1 | d2 | d3 | Z | B | C | D | QUANTITY |
|----------|---------|----|----|----|----|----|----|----------|
| 3.57.018 | ¾" (F) | 16 | 18 | 17 | 18 | 40 | 11 | 50 |
| 3.57.022 | 1" (F) | 20 | 22 | 17 | 20 | 44 | 11 | 50 |
| 3.57.027 | 1¼" (F) | 25 | 28 | 17 | 24 | 54 | 13 | 50 |
| 3.57.034 | 1½" (F) | 31 | 34 | 20 | 28 | 63 | 13 | 50 |
| 3.57.042 | 2" (F) | 40 | 43 | 20 | 32 | 72 | 15 | 50 |
| 3.57.052 | 2¼" (F) | 50 | 53 | 23 | 35 | 80 | 16 | 50 |
| 3.57.065 | 2¾" (F) | 60 | 66 | 23 | 40 | 90 | 21 | 25 |



UNION NUT (PARTS)

for injection moulded
adaptor union and hose
nozzle

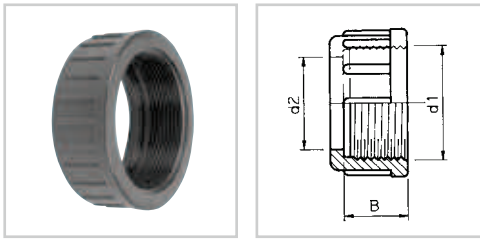
Wartelmoer voor spuitgietskoppeling
en slangpilaar

Überwurfmutter für Spritzguss-
verschraubung und Schlauchtülle

Ecrou de raccord pour raccord
union et embout cannelé

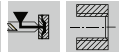
Chiera per iniezione bocchettone
e portagomma

Tuerca enlace para unión y
conexión manguera



| ART.CODE | Dia | d1 | d2 | B | QUANTITY |
|----------|-----|---------|----|----|----------|
| 8.20.016 | 16 | ¾" (F) | 22 | 16 | 50 |
| 8.20.020 | 20 | 1" (F) | 28 | 16 | 50 |
| 8.20.025 | 25 | 1¼" (F) | 36 | 18 | 50 |
| 8.20.032 | 32 | 1½" (F) | 41 | 19 | 50 |
| 8.20.040 | 40 | 2" (F) | 53 | 21 | 25 |
| 8.20.050 | 50 | 2¼" (F) | 58 | 24 | 25 |
| 8.20.063 | 63 | 2¾" (F) | 74 | 27 | 25 |

PVC-U



UNION WASHER (PARTS)

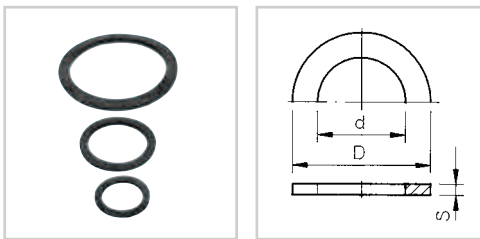
for hose nozzle

Rubber afdichtring voor slangpilaar
Dichtring für Schlauchtülle

Joint caoutchouc pour embout
cannelé

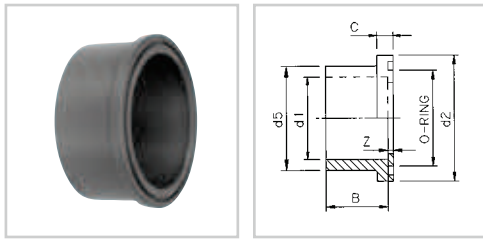
Guarnizione di gomma per
portagomma

Junta cuacho para conexión
manguera



| ART.CODE | Dia | d | D | S | QUANTITY |
|----------|-----|----|----|---|----------|
| 8.03.016 | 16 | 11 | 23 | 2 | 100 |
| 8.03.020 | 20 | 15 | 29 | 2 | 100 |
| 8.03.025 | 25 | 19 | 37 | 2 | 100 |
| 8.03.032 | 32 | 24 | 43 | 3 | 100 |
| 8.03.040 | 40 | 32 | 55 | 3 | 100 |
| 8.03.050 | 50 | 40 | 61 | 3 | 100 |
| 8.03.063 | 63 | 50 | 77 | 3 | 50 |

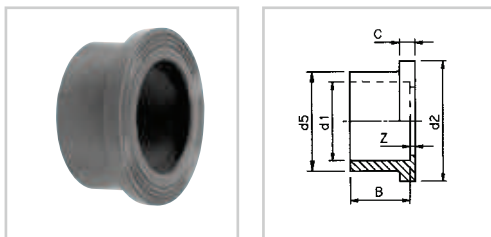
EPDM



| ART.CODE | d1 | DN | d2 | d5 | Z | B | C | O-RING & T-RING | QUANTITY |
|----------|-----|-----|-----|-----|----|-----|----|-----------------|----------|
| 3.72.202 | 200 | 175 | 248 | 232 | 7 | 106 | 19 | 215.3x7 | 3 |
| 3.72.227 | 225 | 200 | 273 | 248 | 7 | 119 | 23 | 240.7x7 | 3 |
| 3.72.252 | 250 | 225 | 303 | 274 | 8 | 131 | 23 | 266.0x7 | 4 |
| 3.72.282 | 280 | 250 | 328 | 305 | 9 | 146 | 26 | 295.0x10 | 2 |
| 3.72.317 | 315 | 300 | 378 | 342 | 10 | 164 | 31 | 330.0x10 | 1 |

FLANGE ADAPTOR (O-RING)

Kraagbus (O-ring)
Bundbuchse (O-Ring)
Collet (joint torique)
Collage (O-ring)
Portabrida (junta)



| ART.CODE | d1 | DN | d2 | d5 | Z | B | C | PN | QUANTITY |
|-----------|-----|-----|-----|-----|----|-----|----|----|----------|
| 3.72.017 | 16 | 10 | 29 | 22 | 3 | 14 | 6 | 16 | 100 |
| 3.72.021 | 20 | 15 | 34 | 27 | 3 | 16 | 6 | 16 | 100 |
| 3.72.026 | 25 | 20 | 41 | 33 | 3 | 19 | 7 | 16 | 100 |
| 3.72.033 | 32 | 25 | 50 | 41 | 3 | 22 | 7 | 16 | 100 |
| 3.72.041 | 40 | 32 | 60 | 50 | 3 | 26 | 8 | 16 | 100 |
| 3.72.051 | 50 | 40 | 72 | 61 | 3 | 31 | 8 | 16 | 150 |
| 3.72.064 | 63 | 50 | 90 | 77 | 3 | 38 | 9 | 16 | 75 |
| 3.72.076 | 75 | 65 | 106 | 91 | 3 | 44 | 10 | 16 | 50 |
| 3.72.091 | 90 | 80 | 125 | 108 | 5 | 51 | 11 | 16 | 40 |
| 3.72.111 | 110 | 100 | 150 | 131 | 7 | 61 | 12 | 16 | 25 |
| 3.72.126 | 125 | 100 | 170 | 148 | 5 | 69 | 13 | 16 | 10 |
| 3.72.141 | 140 | 125 | 188 | 165 | 5 | 76 | 14 | 16 | 10 |
| 3.72.161 | 160 | 150 | 212 | 188 | 5 | 86 | 18 | 16 | 10 |
| 3.72.201 | 200 | 200 | 248 | 232 | 7 | 106 | 19 | 16 | 3 |
| 3.72.203* | 200 | 200 | 248 | 224 | 7 | 106 | 19 | 10 | 3 |
| 3.72.226 | 225 | 200 | 273 | 248 | 7 | 119 | 23 | 10 | 3 |
| 3.72.251 | 250 | 225 | 303 | 274 | 8 | 131 | 23 | 10 | 4 |
| 3.72.281 | 280 | 250 | 328 | 306 | 9 | 146 | 26 | 10 | 2 |
| 3.72.316 | 315 | 300 | 378 | 342 | 10 | 164 | 31 | 6 | 2 |
| 3.72.356 | 355 | 350 | 430 | 384 | 10 | 184 | 32 | 6 | 1 |
| 3.72.401 | 400 | 400 | 484 | 438 | 10 | 206 | 34 | 6 | 1 |

FLANGE ADAPTOR

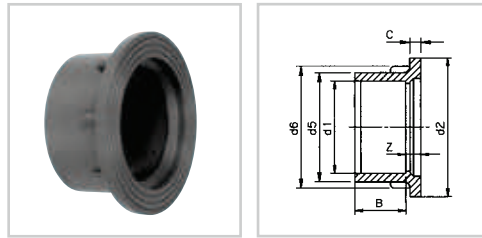
Kraagbus
Bundbuchse
Collet
Collare
Portabrida



**Suitable for
combination with
PP-V flange*

FLANGE ADAPTOR

Kraagbus
Bundbuchse
Collet
Collare
Portabrida



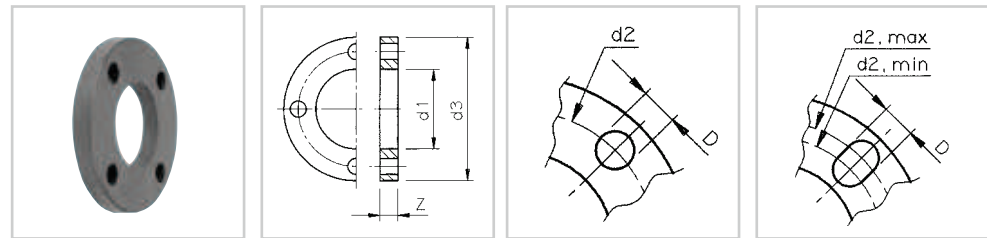
| ART.CODE | d1 | DN | d2 | d5 | d6 | Z | B | C | QUANTITY |
|----------|-----|-----------|-----|-----|-----|----|-----|----|----------|
| 3.72.068 | 63 | 65 (75) | 106 | 77 | 91 | 12 | 38 | 10 | 50 |
| 3.72.130 | 125 | 125 (140) | 188 | 148 | 165 | 21 | 69 | 14 | 10 |
| 3.72.205 | 200 | 200 (225) | 273 | 228 | 248 | 34 | 106 | 22 | 3 |
| 3.72.255 | 250 | 250 (280) | 328 | 280 | 306 | 35 | 131 | 25 | 4 |



Reducing flange adaptor
Verloop kraagbus
Bundbuchse reduziert
Collet réduit
Collare ridotto
Portabrida reducida

BACKING FLANGE

Flens
Flansch
Bride
Flangia
Brida



TYPE A

TYPE B

| ART.CODE | Dia | DN | d1 | d2 | d3 | Z | NXD | PN | TYPE | QUANTITY |
|----------|-----|-----|-----|---------|-----|----|-------|----|------|----------|
| 3.72.016 | 16 | 10 | 23 | 60 | 90 | 10 | 4x14 | 10 | A | 50 |
| 3.72.020 | 20 | 15 | 28 | 61/63 | 95 | 11 | 4x16 | 10 | B | 50 |
| 3.72.025 | 25 | 20 | 34 | 70/73 | 105 | 12 | 4x16 | 10 | B | 50 |
| 3.72.032 | 32 | 25 | 42 | 79/83 | 115 | 14 | 4x16 | 10 | B | 50 |
| 3.72.040 | 40 | 32 | 51 | 91/100 | 140 | 15 | 4x18 | 10 | B | 30 |
| 3.72.050 | 50 | 40 | 62 | 101/110 | 150 | 16 | 4x18 | 10 | B | 75 |
| 3.72.063 | 63 | 50 | 78 | 121/124 | 165 | 18 | 4x18 | 10 | B | 50 |
| 3.72.075 | 75 | 65 | 92 | 145 | 185 | 19 | 4x18 | 10 | A | 30 |
| 3.72.090 | 90 | 80 | 110 | 160 | 200 | 20 | 8x18 | 10 | A | 25 |
| 3.72.110 | 110 | 100 | 133 | 180 | 220 | 22 | 8x18 | 10 | A | 15 |
| 3.72.125 | 125 | 100 | 150 | 190 | 235 | 26 | 8x18 | 10 | A | 15 |
| 3.72.140 | 140 | 125 | 167 | 210 | 250 | 26 | 8x18 | 10 | A | 15 |
| 3.72.160 | 160 | 150 | 190 | 240 | 285 | 28 | 8x22 | 10 | A | 10 |
| 3.72.200 | 200 | 175 | 235 | 270 | 315 | 36 | 8x22 | 10 | A | 5 |
| 3.72.199 | 200 | 200 | 226 | 295 | 340 | 36 | 8x22 | 10 | A | 5 |
| 3.72.225 | 225 | 200 | 251 | 295 | 340 | 36 | 8x22 | 10 | A | 5 |
| 3.72.250 | 250 | 225 | 277 | 325 | 370 | 36 | 8x22 | 6 | A | 5 |
| 3.72.280 | 280 | 250 | 309 | 350 | 395 | 36 | 12x22 | 6 | A | 1 |
| 3.72.315 | 315 | 300 | 345 | 400 | 445 | 36 | 12x22 | 6 | A | 1 |
| 3.72.355 | 355 | 350 | 388 | 460 | 505 | 38 | 16x22 | 6 | A | 1 |
| 3.72.400 | 400 | 400 | 442 | 515 | 565 | 42 | 16x26 | 6 | A | 1 |



BACKING FLANGE (CONTINUATION)

Flens
Flansch
Bride
Flangia
Brida

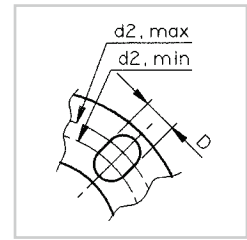
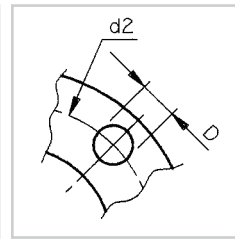
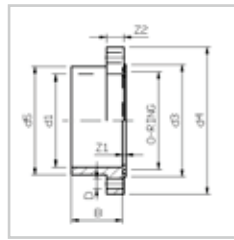


| ART.CODE | NEN-EN 1092-1 SIZEGROUP PN10 | ISO 1452-3 SI- ZEGROUP PN10 + PN16 | ISO 15493 Table B.6 | DIN 2501 SIZEGROUP PN10 | DIN 2536 SIZEGROUP PN10 | ASME B16.5 CLASS 150 |
|----------|------------------------------------|--|------------------------|-------------------------------|-------------------------------|----------------------------|
| 3.72.016 | • ¹⁾ | • | • | • ¹⁾ | • | |
| 3.72.020 | • ¹⁾ | • | • | • ¹⁾ | • | • |
| 3.72.025 | • ¹⁾ | • | • | • ¹⁾ | • | • |
| 3.72.032 | • ¹⁾ | • | • | • ¹⁾ | • | • |
| 3.72.040 | • ¹⁾ | • | • | • ¹⁾ | • | • |
| 3.72.050 | • ¹⁾ | • | • | • ¹⁾ | • | • |
| 3.72.063 | • ¹⁾ | • | • | • ¹⁾ | • | • |
| 3.72.075 | • ¹⁾ | • | • | • ¹⁾ | • | |
| 3.72.090 | • ¹⁾ | • | • | • ¹⁾ | • | |
| 3.72.110 | • ¹⁾ | • | • | • ¹⁾ | • | |
| 3.72.125 | • ¹⁾ | | | • ¹⁾ | | |
| 3.72.140 | • ¹⁾ | • | • | • ¹⁾ | • | |
| 3.72.160 | • ¹⁾ | • | • | • ¹⁾ | • | |
| 3.72.200 | | | • | • ¹⁾ | • | |
| 3.72.199 | • ¹⁾ | | • | • ¹⁾ | | |
| 3.72.225 | • ¹⁾ | | • | • ¹⁾ | • | |
| 3.72.250 | | | • | • ¹⁾ | | |
| 3.72.280 | • ¹⁾ | | • | • ¹⁾ | • | |
| 3.72.315 | • ¹⁾ | | • | • ¹⁾ | • | |
| 3.72.355 | | | • | • ¹⁾ | | |
| 3.72.400 | • | | • | • ¹⁾ | | |

• ¹⁾ Bore diameter d1 adapted for use with PVC-U; for diameter see table.

FIXED FLANGE

Lijmflens
Klebeflansch
Bride fixe
Flangia fissa
Brida fija



TYPE A

TYPE B

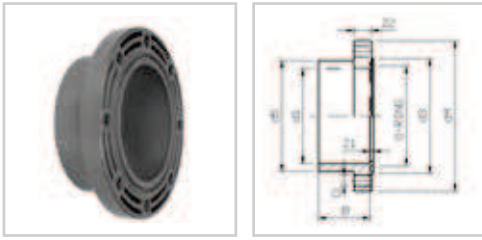


| ART.CODE | Dia | DN | d1 | d2 | d3 | d4 | d5 | Z1 | Z2 | B | TYPE | NxD | QUANTITY |
|----------|-----|-----|-----|---------|-----|-----|-----|----|----|-----|------|-------|----------|
| 3.73.075 | 75 | 65 | 75 | 140/144 | 106 | 185 | 91 | 3 | 19 | 44 | B | 4x18 | 24 |
| 3.73.090 | 90 | 80 | 90 | 153/159 | 125 | 200 | 108 | 5 | 20 | 51 | B | 8x18 | 15 |
| 3.73.110 | 110 | 100 | 110 | 181/190 | 150 | 220 | 131 | 5 | 22 | 61 | B | 8x18 | 8 |
| 3.73.125 | 125 | 100 | 125 | 190 | 166 | 235 | 148 | 5 | 26 | 69 | A | 8x18 | 8 |
| 3.73.140 | 140 | 125 | 140 | 215 | 184 | 250 | 165 | 6 | 26 | 76 | A | 8x18 | 6 |
| 3.73.160 | 160 | 150 | 160 | 240 | 209 | 285 | 188 | 5 | 28 | 86 | A | 8x22 | 4 |
| 3.73.200 | 200 | 175 | 200 | 270 | 248 | 315 | 232 | 5 | 36 | 106 | A | 8x22 | 3 |
| 3.73.225 | 225 | 200 | 225 | 295 | 260 | 340 | 248 | 5 | 36 | 119 | A | 8x22 | 3 |
| 3.73.250 | 250 | 225 | 250 | 325 | 303 | 370 | 274 | 7 | 36 | 131 | A | 8x22 | 2 |
| 3.73.280 | 280 | 250 | 280 | 350 | 328 | 395 | 306 | 7 | 36 | 146 | A | 12x22 | 2 |
| 3.73.315 | 315 | 300 | 315 | 400 | 378 | 445 | 342 | 7 | 36 | 164 | A | 12x22 | 1 |

| ART.CODE | NEN-EN 1092-1 SIZEGROUP PN10 | ISO 1452-3 SI- ZEGROUP PN10 + PN16 | ISO 15493 Table B.6 | DIN 2501 SIZEGROUP PN10 | DIN 2536 SIZEGROUP PN10 | ASME B16.5 |
|----------|------------------------------------|--|------------------------|-------------------------------|-------------------------------|---------------|
| 3.73.075 | • | • | • | • | • | • |
| 3.73.090 | • | • | • | • | • | • |
| 3.73.110 | • | • | • | • | • | • |
| 3.73.125 | • | | | • | | |
| 3.73.140 | • | • | • | • | • | |
| 3.73.160 | • | • | • | • | • | • |
| 3.73.200 | | | | • | • | • |
| 3.73.225 | • | | • | • | • | |
| 3.73.250 | | | • | • | | |
| 3.73.280 | • | | • | • | • | |
| 3.73.315 | • | | • | • | • | |

FIXED FLANGE (O-RING)

Lijmflens (O-ring)
Klebflansch (O-Ring)
Bride fixe (joint torique)
Flangia fissa (O-ring)
Brida fija (junta)



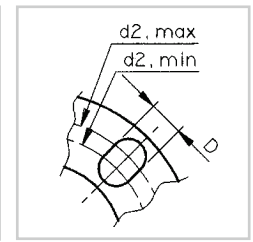
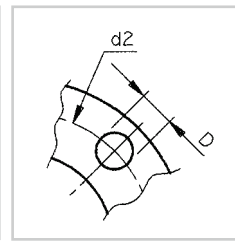
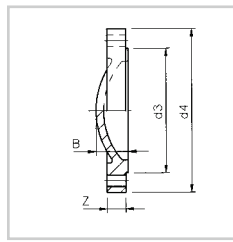
| ART.CODE | DIA | DN | d1 | d2 | d3 | d4 | d5 | Z1 | Z2 | B | O-& T-RING | NxD | QUANTITY |
|----------|-----|-----|-----|-----|-----|-----|-----|----|----|-----|------------|-------|----------|
| 3.73.201 | 200 | 175 | 200 | 270 | 248 | 315 | 232 | 7 | 36 | 106 | 215.3x7 | 8x22 | 3 |
| 3.73.226 | 225 | 200 | 225 | 295 | 273 | 340 | 248 | 7 | 36 | 119 | 240.7x7 | 8x22 | 3 |
| 3.73.251 | 250 | 225 | 250 | 325 | 303 | 370 | 274 | 9 | 36 | 131 | 266.0x7 | 8x22 | 2 |
| 3.73.281 | 280 | 250 | 280 | 350 | 328 | 395 | 306 | 9 | 36 | 146 | 295.0x10 | 12x22 | 2 |
| 3.73.316 | 315 | 300 | 315 | 400 | 378 | 445 | 342 | 10 | 36 | 164 | 330.0x10 | 12x22 | 1 |



| ART.CODE | NEN-EN 1092-1 SIZEGROUP PN10 | ISO 1452-3 SI- ZEGROUP PN10 + PN16 | ISO 15493 Table B.6 | DIN 2501 SIZEGROUP PN10 | DIN 2536 SIZEGROUP PN10 | ASME B16.5 |
|----------|------------------------------------|--|------------------------|-------------------------------|-------------------------------|---------------|
| 3.73.201 | | | | • | • | |
| 3.73.226 | • | | • | • | • | |
| 3.73.251 | | | • | • | | |
| 3.73.281 | • | | • | • | • | |
| 3.73.316 | • | | • | • | • | |

BLANK FLANGE

Blindflens
Blindflansch
Bride pleine
Flangia cieca
Brida ciega



TYPE A

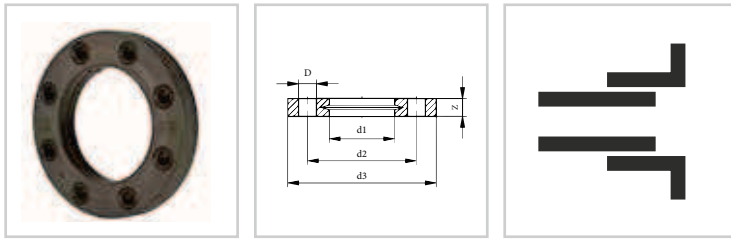
TYPE B

| ART.CODE | Dia | DN | d2 | d3 | d4 | Z | B | NxD | TYPE | QUANTITY |
|----------|-----|-----|---------|-----|-----|----|------|-------|------|----------|
| 3.74.016 | 16 | 10 | 60 | 29 | 90 | 10 | 13.5 | 4x14 | A | 50 |
| 3.74.020 | 20 | 15 | 61/63 | 34 | 95 | 11 | 14.5 | 4x16 | B | 75 |
| 3.74.025 | 25 | 20 | 70/73 | 41 | 105 | 12 | 16 | 4x16 | B | 50 |
| 3.74.032 | 32 | 25 | 79/83 | 50 | 115 | 14 | 19 | 4x16 | B | 50 |
| 3.74.040 | 40 | 32 | 91/100 | 61 | 140 | 15 | 20 | 4x18 | B | 30 |
| 3.74.050 | 50 | 40 | 101/110 | 74 | 150 | 16 | 22 | 4x18 | B | 40 |
| 3.74.063 | 63 | 50 | 121/124 | 91 | 165 | 18 | 24.5 | 4x18 | B | 15 |
| 3.74.075 | 75 | 65 | 140/144 | 106 | 185 | 19 | 26.5 | 4x19 | B | 14 |
| 3.74.090 | 90 | 80 | 153/159 | 125 | 200 | 20 | 30 | 8x19 | B | 15 |
| 3.74.110 | 110 | 100 | 181/190 | 150 | 220 | 22 | 34.5 | 8x19 | B | 15 |
| 3.74.125 | 125 | 100 | 190 | 166 | 235 | 26 | 38.5 | 8x18 | A | 10 |
| 3.74.140 | 140 | 125 | 215 | 184 | 250 | 26 | 39 | 8x23 | A | 10 |
| 3.74.160 | 160 | 150 | 240 | 209 | 285 | 28 | 43.5 | 8x24 | A | 6 |
| 3.74.200 | 200 | 175 | 270 | 248 | 315 | 36 | 63 | 8x22 | A | 5 |
| 3.74.225 | 225 | 200 | 295 | 260 | 340 | 36 | 63 | 8x22 | A | 5 |
| 3.74.250 | 250 | 225 | 325 | 303 | 370 | 36 | 63 | 8x22 | A | 5 |
| 3.74.280 | 280 | 250 | 350 | 328 | 395 | 36 | 65 | 12x22 | A | 1 |
| 3.74.315 | 315 | 300 | 400 | 378 | 445 | 36 | 65 | 12x22 | A | 1 |
| 3.74.355 | 355 | 350 | 460 | 430 | 505 | 38 | 67 | 16x22 | A | 1 |
| 3.74.400 | 400 | 400 | 515 | 482 | 565 | 42 | 71 | 16x26 | A | 1 |

| ART.CODE | NEN-EN 1092-1 SIZEGROUP PN10 | ISO 1452-3 SI- ZEGROUP PN10 + PN16 | ISO 15493 Table B.6 | DIN 2501 SIZEGROUP PN10 | DIN 2536 SIZEGROUP PN10 | ASME B16.5 |
|----------|------------------------------------|--|------------------------|-------------------------------|-------------------------------|---------------|
| 3.74.016 | • | • | • | • | • | • |
| 3.74.020 | • | • | • | • | • | • |
| 3.74.025 | • | • | • | • | • | • |
| 3.74.032 | • | • | • | • | • | • |
| 3.74.040 | • | • | • | • | • | • |
| 3.74.050 | • | • | • | • | • | • |
| 3.74.063 | • | • | • | • | • | • |
| 3.74.075 | • | • | • | • | • | • |
| 3.74.090 | • | • | • | • | • | • |
| 3.74.110 | • | • | • | • | • | • |
| 3.74.125 | • | | | | | |
| 3.74.140 | • | • | • | • | • | • |
| 3.74.160 | • | • | • | • | • | • |
| 3.74.200 | | | | • | • | |
| 3.73.225 | • | | • | • | • | |
| 3.74.250 | | | • | • | | |
| 3.74.280 | • | | • | • | • | |
| 3.74.315 | • | | • | • | • | |
| 3.74.355 | • | | • | • | | |
| 3.74.400 | • | | • | • | | |

PP-V FLANGE

PP-V flens
PP-V Flansch
PP-V bride
Flangia PP-V
PP-V brida



| ART.CODE | Dia | DN | d1 | d2 | d3 | Z | NxD | PN | QUANTITY |
|----------|-----|-----|-----|-----|-----|----|-------|----|----------|
| 9.72.020 | 20 | 15 | 28 | 65 | 95 | 16 | 4x14 | 16 | 50 |
| 9.72.025 | 25 | 20 | 34 | 75 | 105 | 17 | 4x14 | 16 | 50 |
| 9.72.032 | 32 | 25 | 42 | 85 | 115 | 18 | 4x14 | 16 | 50 |
| 9.72.040 | 40 | 32 | 51 | 100 | 140 | 20 | 4x18 | 16 | 30 |
| 9.72.050 | 50 | 40 | 62 | 110 | 150 | 22 | 4x18 | 16 | 75 |
| 9.72.063 | 63 | 50 | 78 | 125 | 165 | 24 | 4x18 | 16 | 50 |
| 9.72.075 | 75 | 65 | 92 | 145 | 185 | 26 | 4x18 | 16 | 30 |
| 9.72.090 | 90 | 80 | 110 | 160 | 200 | 27 | 8x18 | 16 | 25 |
| 9.72.110 | 110 | 100 | 133 | 180 | 220 | 28 | 8x18 | 16 | 15 |
| 9.72.140 | 140 | 125 | 167 | 210 | 250 | 30 | 8x18 | 16 | 15 |
| 9.72.160 | 160 | 150 | 190 | 241 | 285 | 32 | 8x22 | 16 | 10 |
| 9.72.200 | 200 | 200 | 226 | 297 | 340 | 34 | 8x23 | 16 | 5 |
| 9.72.225 | 225 | 200 | 250 | 297 | 340 | 34 | 8x23 | 16 | 5 |
| 9.72.250 | 250 | 250 | 277 | 350 | 395 | 38 | 12x22 | 10 | 5 |
| 9.72.280 | 280 | 250 | 310 | 350 | 395 | 38 | 12x22 | 10 | 1 |
| 9.72.315 | 315 | 300 | 348 | 400 | 445 | 42 | 12x22 | 10 | 1 |
| 9.72.355 | 355 | 350 | 388 | 460 | 515 | 46 | 16x23 | 10 | 1 |
| 9.72.400 | 400 | 400 | 442 | 515 | 574 | 50 | 16x26 | 10 | 1 |



- Full-plastic flange: polypropylene glass-fibre reinforced (30%).
- V-groove to ensure an evenly distribution of the force when mounting.
 - Bolt circle PN10.
 - UV-resistant.
- High chemical resistance.

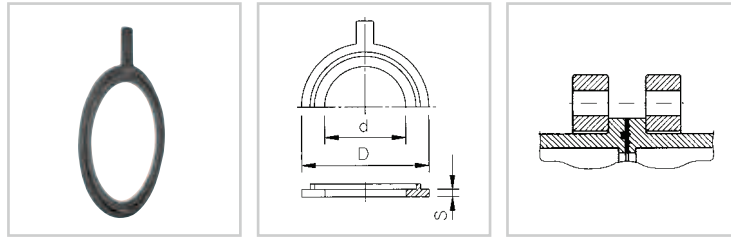
| ART.CODE | NEN-EN 1092-1 SIZEGROUP PN10 | ISO 1452-3 SI- ZEGROUP PN10 + PN16 | ISO 15493 Table B.6 | DIN 2501 SIZEGROUP PN10 | DIN 2536 SIZEGROUP PN10 | ASME B16.5 | SUITABLE FOR PE BUT FUSION | SUITABLE FOR PE SOCKET FUSION |
|----------|------------------------------------|--|------------------------|-------------------------------|-------------------------------|---------------|----------------------------------|-------------------------------------|
| 9.72.020 | • ¹⁾ | • | • | • ¹⁾ | • | | • | • |
| 9.72.025 | • ¹⁾ | • | • | • ¹⁾ | • | | • | • |
| 9.72.032 | • ¹⁾ | • | • | • ¹⁾ | • | | • | • |
| 9.72.040 | • ¹⁾ | • | • | • ¹⁾ | • | | • | • |
| 9.72.050 | • ¹⁾ | • | • | • ¹⁾ | • | | • | • |
| 9.72.063 | • ¹⁾ | • | • | • ¹⁾ | • | | • | • |
| 9.72.075 | • ¹⁾ | • | • | • ¹⁾ | • | | • | • |
| 9.72.090 | • ¹⁾ | • | • | • ¹⁾ | • | | • | • |
| 9.72.110 | • ¹⁾ | • | • | • ¹⁾ | • | | • | • |
| 9.72.140 | • ¹⁾ | • | • | • ¹⁾ | • | | • | • |
| 9.72.160 | • ¹⁾ | • | • | • ¹⁾ | • | | • | • |
| 9.72.200 | • ¹⁾ | | • ¹⁾ | • ¹⁾ | | | • | • |
| 9.72.225 | • ¹⁾ | | • | • ¹⁾ | • | | • | • |
| 9.72.250 | | | • | • ¹⁾ | | | • | • |
| 9.72.280 | • ¹⁾ | | • | • ¹⁾ | • | | • | • |
| 9.72.315 | • ¹⁾ | | • | • ¹⁾ | • | | • | • |
| 9.72.355 | • ¹⁾ | | • | • ¹⁾ | | | • | • |
| 9.72.400 | • ¹⁾ | | • | • ¹⁾ | | | • | • |

•¹⁾ Bore diameter d1 adapted for use with PVC-U; for diameter see table.

T-RING FOR FLANGE ADAPTOR

T-Ring voor kraagbus
T-Ring für Bundbuchse
Joint T pour collet
T-Ring per collare
Junta T para portabrida

EPDM



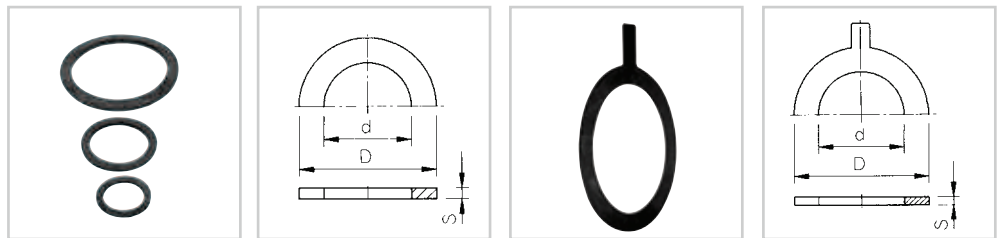
Sealing with T-Ring
Verbinding met T-Ring
Dichtung mit T-Ring
Joint avec joint T
Tenuta con T-ring
Sellado con junta T

| ART.CODE | Dia | d | D | S | T-RING | QUANTITY |
|----------|-----|-----|-----|---|----------|----------|
| 8.04.201 | 200 | 192 | 248 | 4 | 215.3x7 | 10 |
| 8.04.226 | 225 | 217 | 273 | 4 | 240.7x7 | 10 |
| 8.04.251 | 250 | 240 | 303 | 4 | 266.0x7 | 10 |
| 8.04.281 | 280 | 268 | 328 | 5 | 295.0x10 | 10 |
| 8.04.316 | 315 | 300 | 378 | 5 | 330.0x10 | 10 |

RUBBER WASHER FOR FLANGE ADAPTOR

Rubber afdichter voor kraagbus
Gummiring für Bundbuchse
Joint caoutchouc pour collet
Guarnizione di gomma per collare
Junta caucho para portabrida

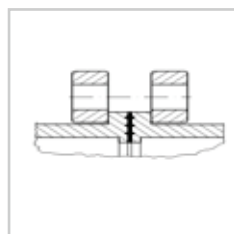
EPDM



TYPE A

TYPE B

| ART.CODE | Dia | d | D | S | TYPE | QUANTITY |
|----------|-----|-----|-----|---|------|----------|
| 8.04.016 | 16 | 14 | 27 | 2 | A | 100 |
| 8.04.020 | 20 | 18 | 32 | 2 | A | 100 |
| 8.04.025 | 25 | 22 | 39 | 2 | A | 100 |
| 8.04.032 | 32 | 28 | 48 | 2 | A | 100 |
| 8.04.040 | 40 | 35 | 59 | 3 | A | 100 |
| 8.04.050 | 50 | 45 | 71 | 3 | A | 150 |
| 8.04.063 | 63 | 60 | 88 | 3 | A | 75 |
| 8.04.075 | 75 | 70 | 104 | 3 | A | 50 |
| 8.04.090 | 90 | 85 | 123 | 3 | A | 40 |
| 8.04.110 | 110 | 105 | 148 | 4 | A | 25 |
| 8.04.125 | 125 | 120 | 168 | 4 | A | 10 |
| 8.04.140 | 140 | 135 | 186 | 4 | A | 10 |
| 8.04.160 | 160 | 155 | 211 | 4 | A | 10 |
| 8.04.200 | 200 | 192 | 248 | 4 | B | 10 |
| 8.04.225 | 225 | 217 | 273 | 4 | B | 10 |
| 8.04.250 | 250 | 240 | 303 | 4 | B | 10 |
| 8.04.280 | 280 | 268 | 328 | 5 | B | 10 |
| 8.04.315 | 315 | 300 | 378 | 5 | B | 10 |
| 8.04.355 | 355 | 340 | 430 | 5 | A | 10 |
| 8.04.400 | 400 | 385 | 482 | 5 | A | 10 |

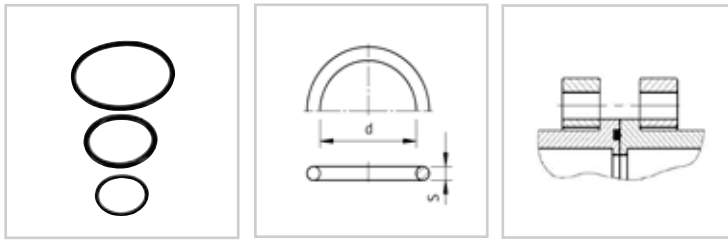


Sealing with flat ring
Verbinding met vlakke ring
Dichtung mit flachem Ring
Joint avec joint plat
Tenuta con guarnizione piana
Sellado con junta

O-RING FOR FLANGE ADAPTOR

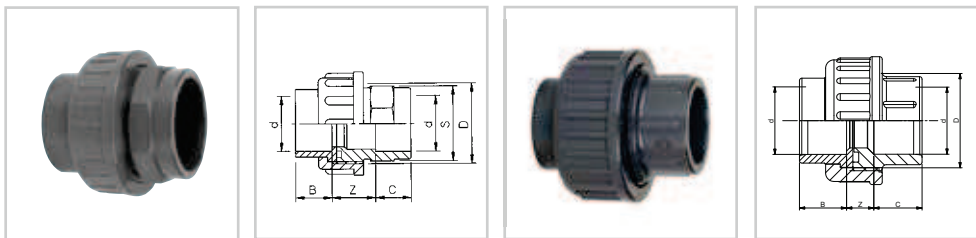
O-Ring voor kraagbus
O-Ring für Bundbuchse
Joint Torique pour collet
O-Ring per collare
Junta torica para portabrida

EPDM



Sealing with O-Ring
Verbinding met O-Ring
Dichtung mit O-Ring
Joint avec joint torique
Tenuta con O-Ring
Sellado con junta torica

| ART.CODE | Dia | d | S | QUANTITY |
|----------|-----|-------|---|----------|
| 8.06.200 | 200 | 215.3 | 7 | 10 |
| 8.06.225 | 225 | 240.7 | 7 | 10 |
| 8.06.250 | 250 | 266.0 | 7 | 10 |
| 8.06.280 | 280 | 295.0 | 1 | 10 |
| 8.06.315 | 315 | 330.0 | 1 | 10 |



TYPE A

TYPE B

ADAPTOR UNION

Spuitsgietkoppeling
Verschraubung
Raccord union
Bocchettone
Enlace de unión

PVC-U

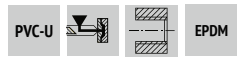


EPDM

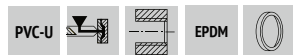
| ART.CODE | d | Z | B | C | D | S | PN | TYPE | QUANTITY |
|----------|-----|----|----|----|--------|-----|----|------|----------|
| 3.60.010 | 10 | 22 | 12 | 12 | 5/8" | 23 | 16 | A | 200 |
| 3.60.012 | 12 | 22 | 12 | 12 | 5/8" | 23 | 16 | A | 200 |
| 3.60.016 | 16 | 23 | 14 | 14 | 3/4" | 25 | 16 | A | 200 |
| 3.60.019 | 20 | 14 | 16 | 16 | 1" | - | 16 | B | 100 |
| 3.60.020 | 20 | 25 | 16 | 16 | 1" | 30 | 16 | A | 100 |
| 3.60.024 | 25 | 14 | 19 | 19 | 1 1/4" | - | 16 | B | 60 |
| 3.60.025 | 25 | 23 | 19 | 19 | 1 1/4" | 36 | 16 | A | 60 |
| 3.60.031 | 32 | 14 | 22 | 22 | 1 1/2" | - | 16 | B | 150 |
| 3.60.032 | 32 | 24 | 22 | 22 | 1 1/2" | 44 | 16 | A | 150 |
| 3.60.039 | 40 | 16 | 26 | 26 | 2" | - | 16 | B | 100 |
| 3.60.040 | 40 | 23 | 26 | 26 | 2" | 54 | 16 | A | 100 |
| 3.60.049 | 50 | 18 | 31 | 31 | 2 1/4" | - | 16 | B | 60 |
| 3.60.050 | 50 | 23 | 31 | 31 | 2 1/4" | 64 | 16 | A | 60 |
| 3.60.062 | 63 | 22 | 38 | 38 | 2 3/4" | - | 16 | B | 45 |
| 3.60.063 | 63 | 20 | 38 | 38 | 2 3/4" | 80 | 16 | A | 45 |
| 3.60.075 | 75 | 28 | 44 | 44 | ZGTD | 94 | 10 | A | 25 |
| 3.60.090 | 90 | 34 | 51 | 51 | ZGTD | 114 | 10 | A | 15 |
| 3.60.110 | 110 | 36 | 61 | 61 | ZGTD | 138 | 10 | A | 10 |

ADAPTOR UNION

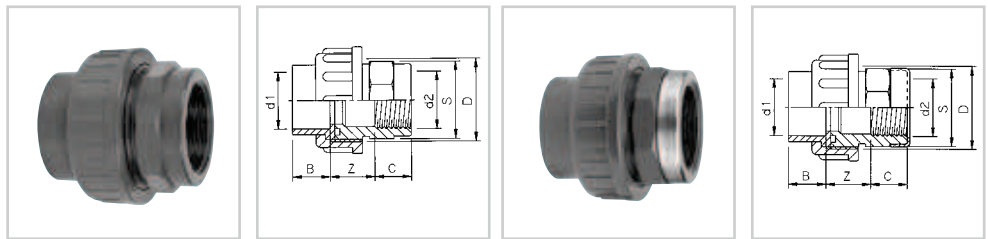
Sputgietskoppeling
Verschraubung
Raccord union
Bocchettone
Enlace de unión



TYPE A



TYPE B



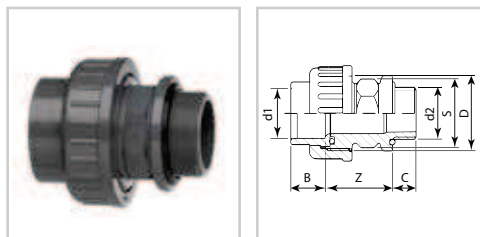
TYPE A

TYPE B

| ART.CODE | d1 | d2 | Z | B | C | D | S | TYPE | PN | QUANTITY |
|----------|-----|------------|----|----|----|--------|-----|------|----|----------|
| 3.65.010 | 10 | 1/4" (F) | 22 | 12 | 12 | 5/8" | 23 | A | 16 | 100 |
| 3.65.012 | 12 | 1/4" (F) | 22 | 12 | 12 | 5/8" | 23 | A | 16 | 100 |
| 3.65.016 | 16 | 3/8" (F) | 25 | 14 | 12 | 3/4" | 25 | A | 10 | 100 |
| 3.65.017 | 16 | 3/8" (F) | 25 | 14 | 12 | 3/4" | 25 | B | 16 | 100 |
| 3.65.020 | 20 | 1/2" (F) | 25 | 16 | 16 | 1" | 30 | A | 10 | 100 |
| 3.65.021 | 20 | 1/2" (F) | 25 | 16 | 16 | 1" | 30 | B | 16 | 100 |
| 3.65.025 | 25 | 3/4" (F) | 25 | 19 | 17 | 1 1/4" | 36 | A | 10 | 60 |
| 3.65.026 | 25 | 3/4" (F) | 25 | 19 | 17 | 1 1/4" | 36 | B | 16 | 60 |
| 3.65.032 | 32 | 1" (F) | 25 | 22 | 21 | 1 1/2" | 44 | A | 10 | 100 |
| 3.65.033 | 32 | 1" (F) | 25 | 22 | 21 | 1 1/2" | 44 | B | 16 | 100 |
| 3.65.040 | 40 | 1 1/4" (F) | 26 | 26 | 23 | 2" | 54 | A | 10 | 80 |
| 3.65.041 | 40 | 1 1/4" (F) | 26 | 26 | 23 | 2" | 54 | B | 16 | 80 |
| 3.65.050 | 50 | 1 1/2" (F) | 31 | 31 | 23 | 2 1/4" | 64 | A | 10 | 60 |
| 3.65.051 | 50 | 1 1/2" (F) | 31 | 31 | 23 | 2 1/4" | 64 | B | 16 | 60 |
| 3.65.063 | 63 | 2" (F) | 31 | 38 | 27 | 2 3/4" | 80 | A | 10 | 45 |
| 3.65.064 | 63 | 2" (F) | 31 | 38 | 27 | 2 3/4" | 80 | B | 16 | 45 |
| 3.65.075 | 75 | 2 1/2" (F) | 41 | 44 | 30 | ZGTD | 94 | B | 10 | 10 |
| 3.65.090 | 90 | 3" (F) | 51 | 51 | 34 | ZGTD | 114 | B | 10 | 10 |
| 3.65.110 | 110 | 4" (F) | 55 | 61 | 41 | ZGTD | 138 | B | 10 | 10 |

ADAPTOR UNION WITH O-RING

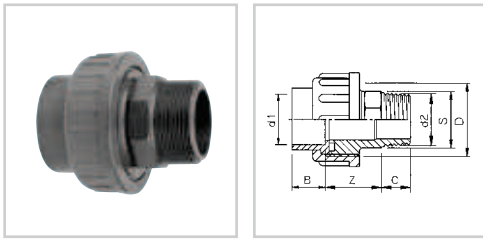
Koppeling met O-ring
(zwembadkoppeling)
Verschraubung mit O-Ring
Raccord union avec joint torique
Bocchettone a O-ring
Enlace de unión con junta torica



| ART.CODE | d1 | d2 | Z | B | C | D | S | PN | QUANTITY |
|----------|----|------------|------|----|------|--------|----|----|----------|
| 3.68.018 | 16 | 3/8" (M) | 36.5 | 14 | 10 | 3/4" | 25 | 10 | 50 |
| 3.68.022 | 20 | 1/2" (M) | 40 | 16 | 10 | 1" | 28 | 10 | 50 |
| 3.68.027 | 25 | 3/4" (M) | 43 | 19 | 12 | 1 1/4" | 32 | 10 | 60 |
| 3.68.034 | 32 | 1" (M) | 44 | 22 | 15 | 1 1/2" | 38 | 10 | 100 |
| 3.68.042 | 40 | 1 1/4" (M) | 49 | 26 | 15 | 2" | 46 | 10 | 50 |
| 3.68.052 | 50 | 1 1/2" (M) | 55 | 31 | 18 | 2 1/4" | 55 | 10 | 50 |
| 3.68.053 | 50 | 2" (M) | 55 | 31 | 23.5 | 2 1/4" | 55 | 10 | 25 |
| 3.68.065 | 63 | 2" (M) | 56 | 38 | 23.5 | 2 3/4" | 65 | 10 | 25 |

ADAPTOR UNION

Spuitsgietskoppeling
Verschraubung
Raccord union
Bocchettone
Enlace de unión

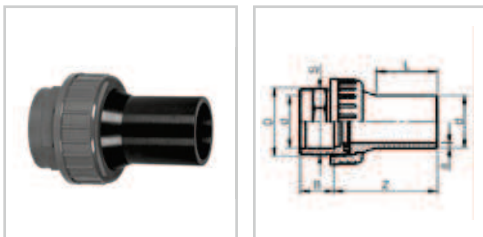


| ART.CODE | d1 | d2 | Z | B | C | D | S | PN | QUANTITY |
|----------|-----|------------|----|----|----|--------|-----|----|----------|
| 3.70.010 | 10 | 1/4" (M) | 27 | 12 | 12 | 5/8" | 23 | 16 | 100 |
| 3.70.012 | 12 | 1/4" (M) | 27 | 12 | 12 | 5/8" | 23 | 16 | 100 |
| 3.70.016 | 16 | 3/8" (M) | 31 | 14 | 12 | 3/4" | 24 | 16 | 100 |
| 3.70.020 | 20 | 1/2" (M) | 32 | 16 | 17 | 1" | 28 | 16 | 100 |
| 3.70.025 | 25 | 3/4" (M) | 35 | 19 | 17 | 1 1/4" | 32 | 16 | 60 |
| 3.70.032 | 32 | 1" (M) | 36 | 22 | 21 | 1 1/2" | 38 | 16 | 100 |
| 3.70.040 | 40 | 1 1/4" (M) | 40 | 26 | 23 | 2" | 46 | 16 | 80 |
| 3.70.050 | 50 | 1 1/2" (M) | 43 | 31 | 23 | 2 1/4" | 55 | 16 | 60 |
| 3.70.063 | 63 | 2" (M) | 46 | 38 | 27 | 2 3/4" | 65 | 16 | 45 |
| 3.70.075 | 75 | 2 1/2" (M) | 56 | 44 | 34 | ZGTD | 94 | 10 | 25 |
| 3.70.090 | 90 | 3" (M) | 68 | 51 | 37 | ZGTD | 114 | 10 | 15 |
| 3.70.110 | 110 | 4" (M) | 77 | 61 | 43 | ZGTD | 138 | 10 | 8 |



PVC-PE ADAPTOR UNION

PVC-PE overgangskoppeling
PVC-PE Übergangverschraubung
Raccord union d'adaptation PVC-PE
Bocchettone PVC-PE
Enlace de unión PVC-PE



| ART.CODE | d | D | B | Z | S | L | e | SDR | P (BAR)* | QUANTITY |
|----------|-----|--------|----|-----|-----|-----|-----|-----|----------|----------|
| 3.63.050 | 50 | 2 1/4" | 31 | 105 | 64 | 57 | 4.6 | 11 | 12.5 | 10 |
| 3.63.063 | 63 | 2 3/4" | 38 | 116 | 80 | 70 | 5.8 | 11 | 12.5 | 3 |
| 3.63.064 | 63 | 2 3/4" | 38 | 116 | 80 | 70 | 3.8 | 17 | 7.5 | 3 |
| 3.63.075 | 75 | ZGTD | 44 | 140 | 94 | 81 | 6.8 | 11 | 7.5 | 3 |
| 3.63.076 | 75 | ZGTD | 44 | 140 | 94 | 81 | 4.5 | 17 | 7.5 | 3 |
| 3.63.090 | 90 | ZGTD | 51 | 159 | 114 | 90 | 8.2 | 11 | 7.5 | 2 |
| 3.63.091 | 90 | ZGTD | 51 | 159 | 114 | 90 | 5.4 | 17 | 7.5 | 2 |
| 3.63.110 | 110 | ZGTD | 62 | 189 | 138 | 120 | 10 | 11 | 7.5 | 1 |
| 3.63.111 | 110 | ZGTD | 62 | 189 | 138 | 120 | 6.6 | 17 | 7.5 | 1 |



*Remarks

- Maximum working pressure (P) for water at 20°C and constant load.
- For use at higher temperatures or varying loads, additional reduction factors must be taken into account.

*Opmerkingen

- Maximale werkdruk (P) voor water van 20°C en bij constante belasting.
- Voor gebruik bij hogere temperaturen of wisselende belastingen moet rekening gehouden worden met extra reductie factoren.

*Bemerkungen

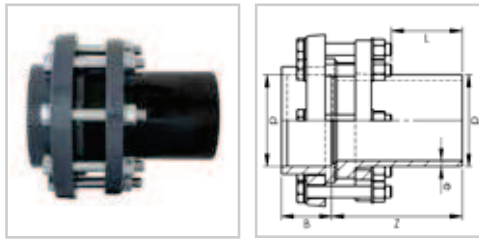
- Maximaler Betriebsdruck (P) für Wasser bei 20°C und bei konstanter Belastung.
- Für Einsatz bei höheren Temperaturen oder wechselnden Belastung müssen zusätzliche Reduktionsfaktoren berücksichtigt werden.

*Remarques

- Pression de service maximale (P) pour l'eau à 20°C et à charge constante.
- Pour utilisation à des températures élevées ou des charges variables, des facteurs de réduction additional doit être pris en compte.

PVC-PE ADAPTOR UNION

PVC-PE overgangskoppeling
 PVC-PE Übergangverschraubung
 Raccord union d'adaption PVC-PE
 Bocchettone PVC-PE
 Enlace de unión PVC-PE

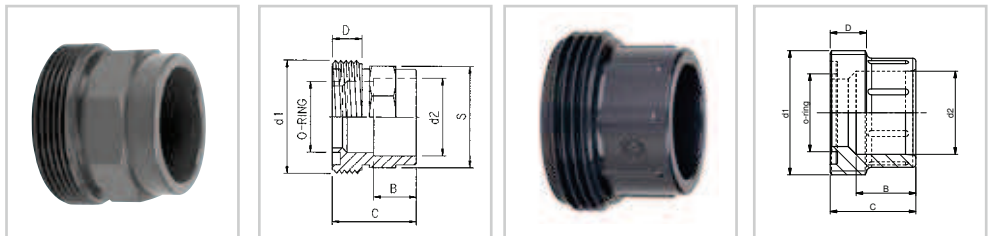


| ART.CODE | d | B | Z | L | e | SDR | P (Bar) | QUANTITY |
|----------|-----|----|-----|----|-----|-----|---------|----------|
| 3.64.126 | 125 | 69 | 179 | 97 | 7.4 | 17 | 7.5 | 2 |



ADAPTOR NIPPLE (PARTS)

Draadeind
 Gewindestück
 Collet d'union fileté
 Adattore a filetto
 Nipple adaptor



TYPE A

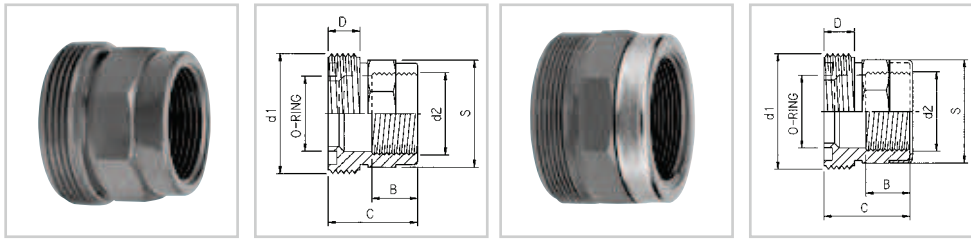
TYPE B

| ART.CODE | d1 | d2 | B | C | D | S | O-RING | TYPE | QUANTITY |
|----------|------------|-----|----|----|----|-----|------------|------|----------|
| 8.22.010 | 5/8" (M) | 10 | 12 | 31 | 10 | 23 | 12.37x2.62 | A | 50 |
| 8.22.012 | 5/8" (M) | 12 | 12 | 31 | 10 | 23 | 12.37x2.62 | A | 50 |
| 8.22.016 | 3/4" (M) | 16 | 14 | 33 | 11 | 25 | 15.55x2.62 | A | 50 |
| 8.22.019 | 1" (M) | 20 | 16 | 37 | 12 | 30 | 20.22x3.53 | B | 50 |
| 8.22.020 | 1" (M) | 20 | 16 | 26 | 12 | - | 20.22x3.53 | A | 50 |
| 8.22.024 | 1 1/4" (M) | 25 | 19 | 29 | 12 | - | 28.17x3.53 | B | 50 |
| 8.22.025 | 1 1/4" (M) | 25 | 19 | 38 | 12 | 36 | 28.17x3.53 | A | 50 |
| 8.22.031 | 1 1/2" (M) | 32 | 22 | 33 | 14 | - | 32.92x3.53 | B | 50 |
| 8.22.032 | 1 1/2" (M) | 32 | 22 | 42 | 14 | 44 | 32.92x3.53 | A | 50 |
| 8.22.039 | 2" (M) | 40 | 26 | 39 | 16 | - | 40.64x5.33 | B | 50 |
| 8.22.040 | 2" (M) | 40 | 26 | 45 | 16 | 54 | 40.64x5.33 | A | 25 |
| 8.22.049 | 2 1/4" (M) | 50 | 31 | 46 | 18 | - | 46.99x5.33 | B | 25 |
| 8.22.050 | 2 1/4" (M) | 50 | 31 | 50 | 18 | 64 | 46.99x5.33 | A | 25 |
| 8.22.062 | 2 3/4" (M) | 63 | 38 | 56 | 20 | - | 59.69x5.33 | B | 25 |
| 8.22.063 | 2 3/4" (M) | 63 | 38 | 54 | 20 | 80 | 59.69x5.33 | A | 25 |
| 8.22.075 | ZGTD (M) | 75 | 44 | 66 | 30 | 94 | 78.74x5.33 | A | 10 |
| 8.22.090 | ZGTD (M) | 90 | 51 | 77 | 35 | 114 | 97.79x5.33 | A | 5 |
| 8.22.110 | ZGTD (M) | 110 | 61 | 89 | 40 | 138 | 117.5x5.33 | A | 5 |



ADAPTOR NIPPLE (PARTS)

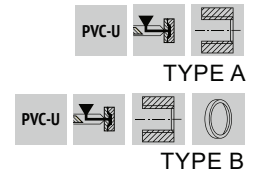
Draadeind
Gewindestück
Collet d'union fileté
Adattore a filetto
Nipple adaptor



TYPE A

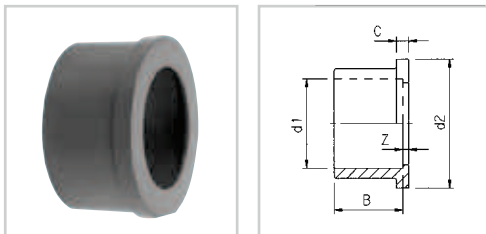
TYPE B

| ART.CODE | d1 | d2 | B | C | D | S | O-RING | TYPE | QUANTITY |
|----------|------------|------------|----|----|----|-----|------------|------|----------|
| 8.23.012 | 3/8" (M) | 1/4" (F) | 12 | 31 | 10 | 23 | 12.37x2.62 | A | 50 |
| 8.23.016 | 1/4" (M) | 3/8" (F) | 12 | 33 | 11 | 25 | 15.55x2.62 | A | 50 |
| 8.23.017 | 3/4" (M) | 3/8" (F) | 12 | 33 | 11 | 25 | 15.55x2.62 | B | 50 |
| 8.23.020 | 1" (M) | 1/2" (F) | 16 | 37 | 12 | 30 | 20.22x3.53 | A | 50 |
| 8.23.021 | 1" (M) | 1/2" (F) | 16 | 37 | 12 | 30 | 20.22x3.53 | B | 50 |
| 8.23.025 | 1 1/4" (M) | 3/4" (F) | 17 | 38 | 12 | 36 | 28.17x3.53 | A | 50 |
| 8.23.026 | 1 1/4" (M) | 3/4" (F) | 17 | 38 | 12 | 36 | 28.17x3.53 | B | 50 |
| 8.23.032 | 1 1/2" (M) | 1" (F) | 21 | 42 | 14 | 44 | 32.92x3.53 | A | 50 |
| 8.23.033 | 1 1/2" (M) | 1" (F) | 21 | 42 | 14 | 44 | 32.92x3.53 | B | 50 |
| 8.23.040 | 2" (M) | 1 1/4" (F) | 23 | 45 | 16 | 54 | 40.64x5.33 | A | 25 |
| 8.23.041 | 2" (M) | 1 1/4" (F) | 23 | 45 | 16 | 54 | 40.64x5.33 | B | 25 |
| 8.23.050 | 2 1/4" (M) | 1 1/2" (F) | 23 | 50 | 18 | 64 | 46.99x5.33 | A | 25 |
| 8.23.051 | 2 1/4" (M) | 1 1/2" (F) | 23 | 50 | 18 | 64 | 46.99x5.33 | B | 25 |
| 8.23.063 | 2 3/4" (M) | 2" (F) | 27 | 54 | 20 | 80 | 59.69x5.33 | A | 25 |
| 8.23.064 | 2 3/4" (M) | 2" (F) | 27 | 54 | 20 | 80 | 59.69x5.33 | B | 25 |
| 8.23.075 | ZGTD (M) | 2 1/2" (F) | 31 | 66 | 30 | 94 | 78.74x5.33 | B | 10 |
| 8.23.090 | ZGTD (M) | 3" (F) | 34 | 77 | 35 | 114 | 97.79x5.33 | B | 5 |
| 8.23.110 | ZGTD (M) | 4" (F) | 41 | 88 | 40 | 138 | 117.5x5.33 | B | 5 |



TYPE A

TYPE B



COLLAR (PARTS)

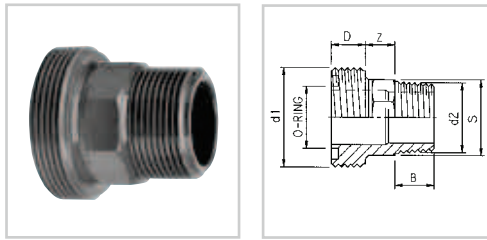
Inlegstuk
Bundbuchse
Collet
Collare
Portabrida

| ART.CODE | d1 | d2 | Z | B | C | QUANTITY |
|----------|-----|--------|---|----|----|----------|
| 8.25.010 | 10 | 3/8" | 3 | 12 | 4 | 50 |
| 8.25.012 | 12 | 5/8" | 3 | 12 | 4 | 50 |
| 8.25.016 | 16 | 3/4" | 4 | 14 | 5 | 50 |
| 8.25.020 | 20 | 1" | 4 | 16 | 5 | 50 |
| 8.25.025 | 25 | 1 1/4" | 4 | 19 | 6 | 50 |
| 8.25.032 | 32 | 1 1/2" | 4 | 22 | 6 | 50 |
| 8.25.040 | 40 | 2" | 4 | 26 | 7 | 25 |
| 8.25.050 | 50 | 2 1/4" | 4 | 31 | 7 | 25 |
| 8.25.063 | 63 | 2 3/4" | 4 | 38 | 8 | 25 |
| 8.25.075 | 75 | ZGTD | 5 | 44 | 9 | 10 |
| 8.25.090 | 90 | ZGTD | 7 | 51 | 10 | 5 |
| 8.25.110 | 110 | ZGTD | 7 | 61 | 12 | 5 |



ADAPTOR NIPPLE (PARTS)

Draadeind
Gewindestück
Collet d'union fileté
Adattore a filetto
Nipple adaptor

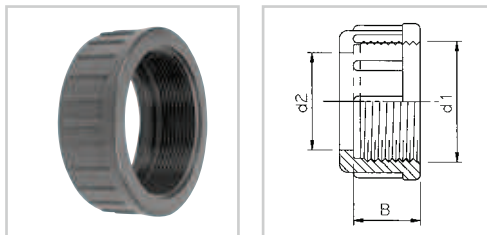


| ART.CODE | d1 | d2 | Z | B | D | S | O-RING | QUANTITY |
|----------|------------|------------|----|----|----|-----|------------|----------|
| 8.24.012 | 5/8" (M) | 1/4" (M) | 14 | 12 | 10 | 23 | 12.37x2.62 | 50 |
| 8.24.016 | 3/4" (M) | 3/8" (M) | 15 | 12 | 11 | 25 | 15.55x2.62 | 50 |
| 8.24.020 | 1" (M) | 1/2" (M) | 17 | 16 | 12 | 28 | 20.22x3.53 | 50 |
| 8.24.025 | 1 1/4" (M) | 3/4" (M) | 18 | 17 | 12 | 32 | 28.17x3.53 | 50 |
| 8.24.032 | 1 1/2" (M) | 1" (M) | 18 | 21 | 14 | 38 | 32.92x3.53 | 50 |
| 8.24.040 | 2" (M) | 1 1/4" (M) | 19 | 24 | 16 | 46 | 40.64x5.33 | 25 |
| 8.24.050 | 2 1/4" (M) | 1 1/2" (M) | 19 | 24 | 18 | 55 | 46.99x5.33 | 25 |
| 8.24.063 | 2 3/4" (M) | 2" (M) | 20 | 28 | 20 | 65 | 59.69x5.33 | 25 |
| 8.24.075 | ZGTD (M) | 2 1/2" (M) | 21 | 34 | 30 | 94 | 78.74x5.33 | 10 |
| 8.24.090 | ZGTD (M) | 3" (M) | 25 | 37 | 35 | 114 | 97.79x5.33 | 5 |
| 8.24.110 | ZGTD (M) | 4" (M) | 28 | 43 | 40 | 138 | 117.5x5.33 | 5 |



UNION NUT (PARTS)

Wartelmoer
Überwurfmutter
Écrou de raccord
Ghiera
Tuerca de enlace

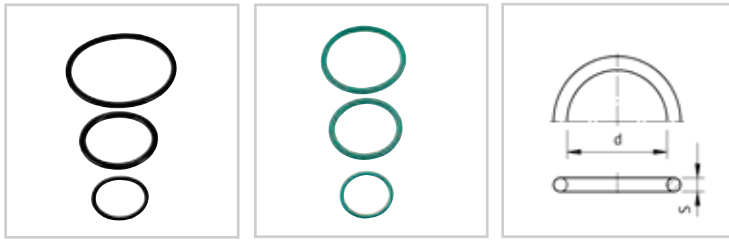


| ART.CODE | Dia | d1 | d2 | B | QUANTITY |
|----------|-------|------------|-----|----|----------|
| 8.20.010 | 10/12 | 5/8" (F) | 18 | 14 | 50 |
| 8.20.016 | 16 | 3/4" (F) | 22 | 16 | 50 |
| 8.20.020 | 20 | 1" (F) | 28 | 16 | 50 |
| 8.20.025 | 25 | 1 1/4" (F) | 36 | 18 | 50 |
| 8.20.032 | 32 | 1 1/2" (F) | 41 | 19 | 50 |
| 8.20.040 | 40 | 2" (F) | 53 | 21 | 25 |
| 8.20.050 | 50 | 2 1/4" (F) | 58 | 24 | 25 |
| 8.20.063 | 63 | 2 3/4" (F) | 74 | 27 | 25 |
| 8.20.075 | 75 | ZGTD" (F) | 90 | 39 | 10 |
| 8.20.090 | 90 | ZGTD (F) | 108 | 44 | 5 |
| 8.20.110 | 110 | ZGTD" (F) | 130 | 50 | 5 |



O-RING FOR UNION (PARTS)

O-ring voor spuitgietskoppeling
 O-ring für Verschraubung
 Joint torique pour raccord union
 O-ring per bocchettone
 Junta torica para enlace de unión

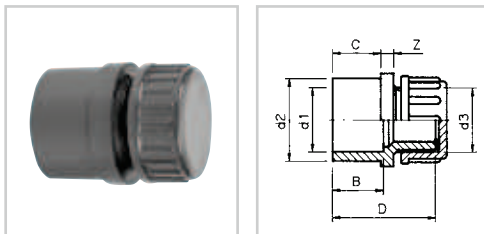


| ART.CODE | Dia | d | S | QUANTITY |
|----------|-----|--------|------|----------|
| 8.06.016 | 16 | 15.55 | 2.62 | 100 |
| 8.06.020 | 20 | 20.22 | 3.53 | 250 |
| 8.06.025 | 25 | 28.17 | 3.53 | 500 |
| 8.06.032 | 32 | 32.92 | 3.53 | 100 |
| 8.06.040 | 40 | 40.64 | 5.33 | 100 |
| 8.06.050 | 50 | 46.99 | 5.33 | 100 |
| 8.06.063 | 63 | 59.69 | 5.33 | 100 |
| 8.06.075 | 75 | 78.74 | 5.33 | 50 |
| 8.06.090 | 90 | 97.79 | 5.33 | 50 |
| 8.06.110 | 110 | 117.50 | 5.33 | 50 |

EPDM Viton®

VITON (F.P.M Colour = green)

| ART.CODE | Dia | D | S | QUANTITY |
|----------|-----|-------|------|----------|
| 8.36.016 | 16 | 15.55 | 2.62 | 10 |
| 8.36.020 | 20 | 20.22 | 3.53 | 10 |
| 8.36.025 | 25 | 28.17 | 3.53 | 10 |
| 8.36.032 | 32 | 32.92 | 3.53 | 10 |
| 8.36.040 | 40 | 40.64 | 5.33 | 10 |
| 8.36.050 | 50 | 46.99 | 5.33 | 10 |
| 8.36.063 | 63 | 59.69 | 5.33 | 10 |
| 8.36.075 | 75 | 78.74 | 5.33 | 1 |
| 8.36.090 | 90 | 97.79 | 5.33 | 1 |



| ART.CODE | d1 | d2 | d3 | Z | B | C | D | PN | QUANTITY |
|----------|----|----|--------|----|----|----|----|----|----------|
| 3.77.016 | 16 | - | 1/2" | 8 | 14 | - | 38 | 10 | 250 |
| 3.77.020 | 20 | - | 1/2" | 8 | 16 | - | 40 | 10 | 250 |
| 3.77.025 | 25 | 32 | 3/4" | 3 | 19 | 22 | 42 | 10 | 500 |
| 3.77.032 | 32 | 40 | 1" | 2 | 22 | 24 | 44 | 10 | 250 |
| 3.77.035 | 32 | 40 | 1 1/4" | 2 | 22 | 24 | 44 | 10 | 200 |
| 3.77.040 | 40 | 50 | 1 1/4" | 10 | 26 | 27 | 60 | 10 | 125 |

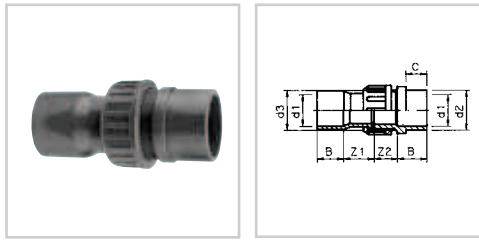
END PART

Eindset
 Endverschluss
 Bouchon terminal
 Tappo final
 Tapón terminal



3/3 UNION

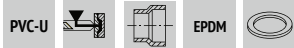
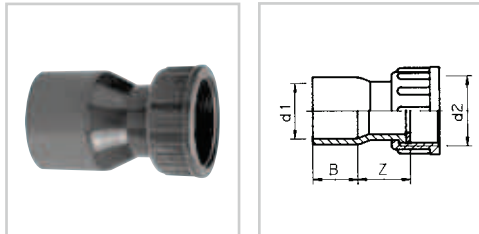
3/3 Koppeling
 3/3 Verschraubung
 Raccord union à 3 pieces
 Bocchettone à 3
 Racor union 3 piezas



| ART.CODE | d1 | d2 | d3 | Z1 | Z2 | B | C | PN | QUANTITY |
|----------|----|----|-----|----|----|----|----|----|----------|
| 5.10.025 | 25 | 32 | 1" | 28 | 23 | 27 | 22 | 10 | 250 |
| 5.10.032 | 32 | 40 | 1¼" | 29 | 21 | 27 | 23 | 10 | 200 |
| 5.10.040 | 40 | 50 | 1½" | 36 | 34 | 32 | 28 | 10 | 100 |
| 5.10.050 | 50 | - | 2" | 42 | 39 | 41 | 33 | 10 | 60 |
| 5.10.063 | 63 | 75 | 2½" | 44 | 35 | 44 | 46 | 10 | 30 |
| 5.10.075 | 75 | 90 | 3" | 54 | 38 | 56 | 51 | 6 | 24 |

2/3 UNION

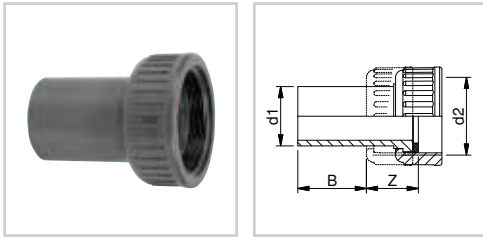
2/3 Koppeling
 2/3 Verschraubung
 Raccord union à 2 pieces
 Bocchettone à 2
 Racor union 2 piezas



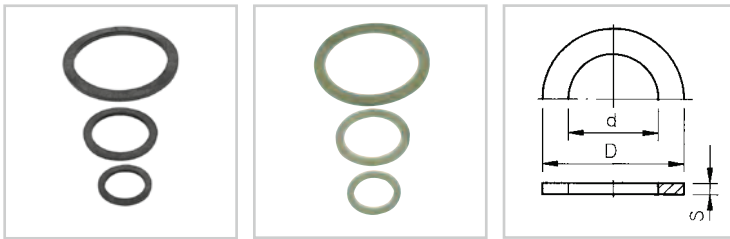
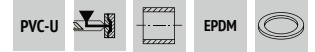
| ART.CODE | d1 | d2 | Z | B | PN | QUANTITY |
|----------|----|---------|----|----|----|----------|
| 5.15.010 | 25 | 1" (F) | 27 | 27 | 16 | 250 |
| 5.15.015 | 32 | 1" (F) | 32 | 29 | 10 | 200 |
| 5.15.020 | 32 | 1¼" (F) | 27 | 27 | 16 | 250 |
| 5.15.025 | 40 | 1¼" (F) | 34 | 29 | 10 | 100 |
| 5.15.030 | 40 | 1½" (F) | 34 | 32 | 16 | 200 |
| 5.15.035 | 50 | 1½" (F) | 42 | 33 | 10 | 100 |
| 5.15.040 | 50 | 2" (F) | 36 | 41 | 16 | 100 |
| 5.15.043 | 63 | 2" (F) | 50 | 47 | 10 | 25 |
| 5.15.045 | 63 | 2½" (F) | 43 | 44 | 10 | 50 |
| 5.15.048 | 75 | 2½" (F) | 51 | 56 | 6 | 25 |
| 5.15.050 | 75 | 3" (F) | 49 | 56 | 6 | 25 |
| 5.15.055 | 90 | 3" (F) | 48 | 53 | 6 | 25 |

2/3 UNION

2/3 Koppeling
2/3 Verschraubung
Raccord union à 2 pieces
Bocchettone à 2
Racor union 2 piezas



| ART.CODE | d1 | d2 | Z | B | PN | QUANTITY |
|----------|----|---------|----|----|----|----------|
| 5.14.020 | 32 | 1¼" (F) | 28 | 37 | 16 | 100 |
| 5.14.030 | 40 | 1½" (F) | 33 | 44 | 16 | 100 |
| 5.14.040 | 50 | 2" (F) | 35 | 53 | 16 | 50 |
| 5.14.045 | 63 | 2½" (F) | 40 | 59 | 10 | 50 |
| 5.14.050 | 75 | 3" (F) | 46 | 72 | 6 | 25 |



EPDM

| ART.CODE | Dia | d | D | S | QUANTITY |
|----------|-----|------|----|---|----------|
| 8.05.020 | 1" | 18.5 | 30 | 2 | 500 |
| 8.05.025 | 1¼" | 29 | 39 | 3 | 500 |
| 8.05.030 | 1½" | 34 | 45 | 3 | 300 |
| 8.05.035 | 2" | 44 | 57 | 3 | 150 |
| 8.05.040 | 2½" | 57 | 73 | 4 | 100 |
| 8.05.045 | 3" | 67 | 85 | 4 | 50 |

VITON (F.P.M Colour = green)

| ART.CODE | Dia | d | D | S | QUANTITY |
|----------|-----|------|----|---|----------|
| 8.35.020 | 1" | 18.5 | 30 | 2 | 10 |
| 8.35.025 | 1¼" | 29 | 39 | 3 | 10 |
| 8.35.030 | 1½" | 34 | 45 | 3 | 10 |
| 8.35.035 | 2" | 44 | 57 | 3 | 10 |
| 8.35.040 | 2½" | 57 | 73 | 4 | 10 |
| 8.35.045 | 3" | 67 | 85 | 4 | 10 |

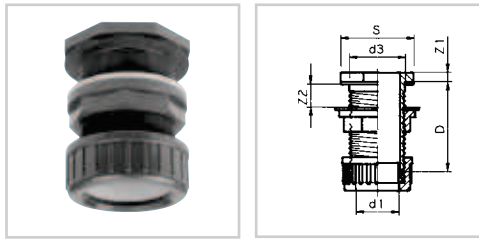
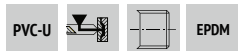
RUBBER WASHER FOR COUPLING (PARTS)

Rubber afdichting voor koppeling
Gummiring für Verschraubung
Joint plat pour union
Guarnizione di gomma per
bocchettone
Junta caucho para racor unión



TABLE DUCT WITH CLAMPING NUT

Doorvoer met klemring
Durchführung mit Klemmutter
Traversée de paroi avec ecrou de calage
Passagio per serbatoio con dado
Pasamuro con anillo de presión



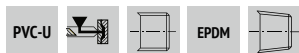
| ART.CODE | d1 | d3 | Z1 | Z2 | D | S | QUANTITY |
|----------|----|------------|----|------|----|-----|----------|
| 5.16.022 | 20 | 3/4" (M) | 8 | 0-25 | 56 | 32 | 100 |
| 5.16.027 | 25 | 1" (M) | 10 | 0-25 | 60 | 40 | 100 |
| 5.16.032 | 32 | 1 1/4" (M) | 7 | 0-25 | 66 | 55 | 100 |
| 5.16.040 | 40 | 1 3/4" (M) | 7 | 0-25 | 78 | 74 | 80 |
| 5.16.054 | 50 | 2" (M) | 9 | 0-30 | 84 | 78 | 45 |
| 5.16.064 | 63 | 2 1/2" (M) | 9 | 0-30 | 90 | 100 | 30 |

TANK CONNECTOR

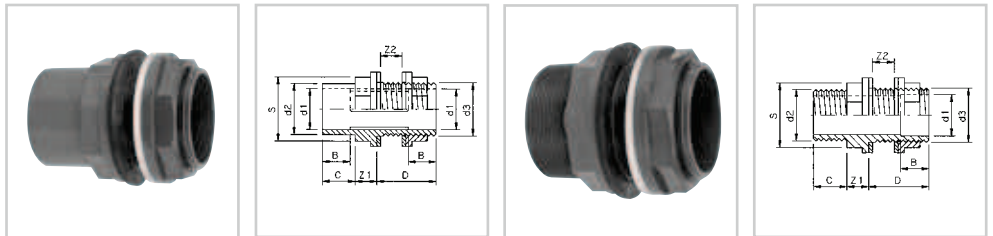
Tankdoorvoer
Behälteranschluss
Traversée de paroi
Passagio
Pasamuro



TYPE A



TYPE B



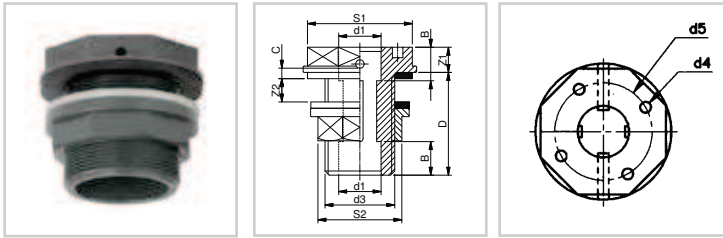
TYPE A

TYPE B

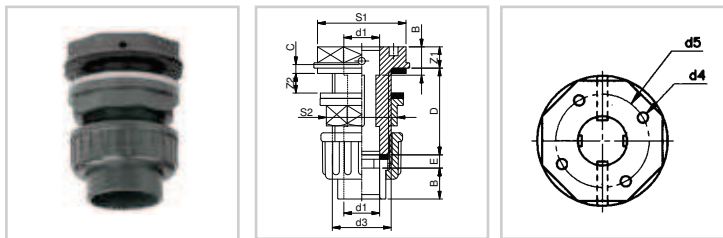
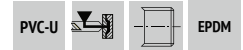
| ART.CODE | d1 | d2 | d3 | Z1 | Z2 | B | C | D | S | TYPE | QUANTITY |
|----------|-----|------------|------------|----|------|----|----|----|-----|------|----------|
| 5.16.020 | 20 | 25 | 3/4" (M) | 13 | 0-23 | 16 | 19 | 42 | 32 | A | 50 |
| 5.16.021 | 20 | 3/4" (M) | 3/4" (M) | 13 | 0-23 | 16 | 17 | 42 | 32 | B | 50 |
| 5.16.025 | 25 | 32 | 1" (M) | 15 | 0-23 | 19 | 22 | 45 | 40 | A | 50 |
| 5.16.026 | 25 | 1" (M) | 1" (M) | 15 | 0-23 | 19 | 21 | 45 | 40 | B | 50 |
| 5.16.034 | 32 | 40 | 1 1/4" (M) | 17 | 0-26 | 22 | 26 | 49 | 50 | A | 50 |
| 5.16.035 | 32 | 1 1/4" (M) | 1 1/4" (M) | 17 | 0-26 | 22 | 23 | 49 | 50 | B | 50 |
| 5.16.041 | 40 | 50 | 1 3/4" (M) | 19 | 0-21 | 26 | 31 | 48 | 60 | A | 50 |
| 5.16.042 | 40 | 1 1/2" (M) | 1 3/4" (M) | 19 | 0-21 | 26 | 23 | 48 | 60 | B | 50 |
| 5.16.048 | 50 | 63 | 2" (M) | 21 | 0-21 | 31 | 38 | 52 | 69 | A | 45 |
| 5.16.049 | 50 | 2" (M) | 2" (M) | 21 | 0-21 | 31 | 27 | 52 | 69 | B | 45 |
| 5.16.050 | 50 | 63 | 2 1/4" (M) | 21 | 0-21 | 31 | 38 | 52 | 76 | A | 45 |
| 5.16.051 | 50 | 2" (M) | 2 1/4" (M) | 21 | 0-21 | 31 | 27 | 52 | 76 | B | 45 |
| 5.16.065 | 63 | 75 | 2 1/2" (M) | 23 | 0-23 | 38 | 44 | 53 | 85 | A | 24 |
| 5.16.066 | 63 | 2 1/2" (M) | 2 1/2" (M) | 23 | 0-23 | 38 | 31 | 53 | 85 | B | 24 |
| 5.16.075 | 75 | 90 | 3" (M) | 26 | 0-20 | 44 | 51 | 56 | 100 | A | 21 |
| 5.16.076 | 75 | 3" (M) | 3" (M) | 26 | 0-20 | 44 | 34 | 56 | 100 | B | 21 |
| 5.16.090 | 90 | 110 | M113 (M) | 32 | 0-20 | 51 | 61 | 62 | 126 | A | 10 |
| 5.16.091 | 90 | 4" (M) | M113 (M) | 32 | 0-20 | 51 | 40 | 62 | 126 | B | 10 |
| 5.16.110 | 110 | 125 | M133 (M) | 36 | 0-22 | 61 | 69 | 66 | 147 | A | 10 |

TANK CONNECTOR

Tankdoorvoer
Behälteranschluss
Traversée de pario
Passagio
Pasamuro



| ART.CODE | d1 | d3 | d4 | d5 | Z1 | Z2 | B | C | D | S1 | S2 | QUANTITY |
|----------|----|---------|----|----|----|------|----|---|----|-----|----|----------|
| 5.17.016 | 16 | ¾" (M) | 5 | 29 | 11 | 0-28 | 14 | 5 | 47 | 40 | 32 | 50 |
| 5.17.020 | 20 | 1" (M) | 5 | 36 | 12 | 0-28 | 16 | 5 | 49 | 50 | 40 | 50 |
| 5.17.025 | 25 | 1¼" (M) | 5 | 42 | 13 | 0-28 | 19 | 5 | 52 | 55 | 50 | 75 |
| 5.17.032 | 32 | 1½" (M) | 5 | 49 | 13 | 0-28 | 22 | 5 | 54 | 64 | 56 | 50 |
| 5.17.040 | 40 | 2" (M) | 5 | 59 | 13 | 0-29 | 26 | 6 | 59 | 78 | 69 | 45 |
| 5.17.050 | 50 | 2¼" (M) | 5 | 70 | 15 | 0-30 | 31 | 6 | 61 | 85 | 76 | 45 |
| 5.17.063 | 63 | 2¾" (M) | 5 | 84 | 15 | 0-35 | 38 | 6 | 69 | 100 | 95 | 20 |



TANK CONNECTOR WITH UNION PART

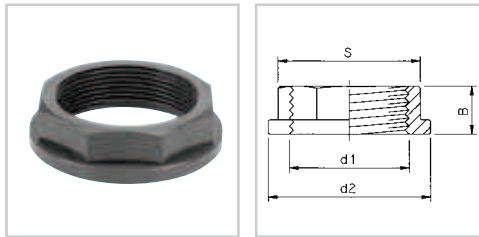
Tankdoorvoer met koppeling
Behälteranschluss mit
Verschraubung
Traversée de pario avec union
Passagio con becchettone
Pasamuro con enlace de unión

| ART.CODE | d1 | d3 | d4 | d5 | Z1 | Z2 | B | C | D | E | S1 | S2 | QUANTITY |
|----------|----|---------|----|----|----|------|----|---|----|-----|-----|----|----------|
| 5.18.016 | 16 | ¾" (M) | 5 | 29 | 11 | 0-19 | 14 | 5 | 47 | 6 | 40 | 32 | 50 |
| 5.18.020 | 20 | 1" (M) | 5 | 36 | 12 | 0-17 | 16 | 5 | 49 | 6 | 50 | 40 | 50 |
| 5.18.025 | 25 | 1¼" (M) | 5 | 42 | 13 | 0-18 | 19 | 5 | 52 | 6 | 55 | 50 | 75 |
| 5.18.032 | 32 | 1½" (M) | 5 | 49 | 13 | 0-19 | 22 | 5 | 54 | 6 | 64 | 56 | 50 |
| 5.18.040 | 40 | 2" (M) | 5 | 59 | 13 | 0-16 | 26 | 6 | 59 | 6.5 | 78 | 69 | 40 |
| 5.18.050 | 50 | 2¼" (M) | 5 | 70 | 15 | 0-16 | 31 | 6 | 61 | 6.5 | 85 | 76 | 40 |
| 5.18.063 | 63 | 2¾" (M) | 5 | 84 | 15 | 0-19 | 38 | 6 | 69 | 6.5 | 100 | 95 | 25 |



PVC NUT (PARTS)

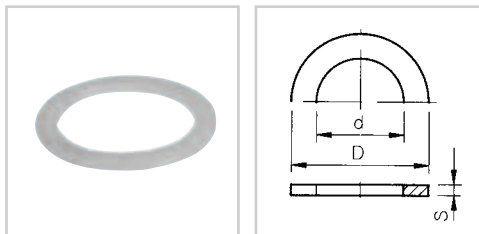
PVC moer
PVC Mutter
PVC écrou
PVC madrevite
Tuerca PVC Hexonal



| ART.CODE | d1 | d2 | B | S | QUANTITY |
|----------|------------|-----|----|-----|----------|
| 8.11.020 | 3/4" (F) | 39 | 13 | 32 | 50 |
| 8.11.025 | 1" (F) | 47 | 15 | 40 | 50 |
| 8.11.032 | 1 1/4" (F) | 58 | 17 | 50 | 50 |
| 8.11.035 | 1 1/2" (F) | 65 | 18 | 56 | 50 |
| 8.11.040 | 1 3/4" (F) | 72 | 19 | 64 | 50 |
| 8.11.045 | 2" (F) | 79 | 21 | 69 | 50 |
| 8.11.050 | 2 1/4" (F) | 86 | 22 | 76 | 50 |
| 8.11.063 | 2 1/2" (F) | 95 | 23 | 85 | 25 |
| 8.11.065 | 2 3/4" (F) | 106 | 25 | 95 | 25 |
| 8.11.075 | 3" (F) | 112 | 26 | 100 | 20 |
| 8.11.090 | M113 (F) | 139 | 32 | 127 | 10 |
| 8.11.110 | M133 (F) | 170 | 36 | 154 | 10 |
| 8.11.140 | 4" (F) | 139 | 32 | 126 | 10 |
| 8.11.150 | 5" (F) | 170 | 36 | 154 | 10 |

PP SLIPRING (PARTS)

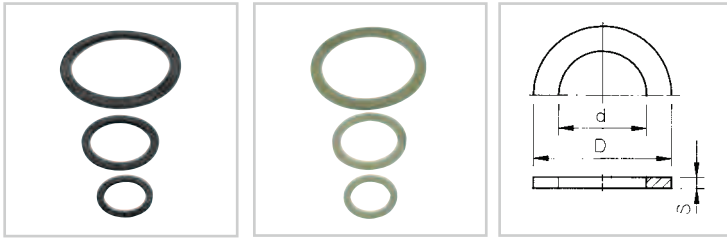
PP Glijring
PP Gleitring
Joint à glissement PP
Amello suvocare PP
Junta plana PP



| ART.CODE | Dia | d | D | S | QUANTITY |
|----------|--------|-----|-----|---|----------|
| 8.08.020 | 3/4" | 27 | 39 | 3 | 50 |
| 8.08.025 | 1" | 34 | 47 | 3 | 50 |
| 8.08.032 | 1 1/4" | 43 | 58 | 3 | 50 |
| 8.08.035 | 1 1/2" | 49 | 65 | 4 | 50 |
| 8.08.040 | 1 3/4" | 55 | 72 | 4 | 50 |
| 8.08.045 | 2" | 61 | 79 | 4 | 50 |
| 8.08.050 | 2 1/4" | 67 | 86 | 4 | 50 |
| 8.08.063 | 2 1/2" | 77 | 95 | 4 | 25 |
| 8.08.065 | 2 3/4" | 83 | 106 | 4 | 20 |
| 8.08.075 | 3" | 90 | 112 | 5 | 20 |
| 8.08.090 | M113 | 115 | 139 | 5 | 10 |
| 8.08.110 | M133 | 135 | 160 | 5 | 10 |
| 8.08.125 | M140 | 140 | 160 | 5 | 10 |

RUBBER WASHER (PARTS)

Rubber afdichting
Gummiring
Joint plat
Guarnizione di gomma
Junta caucho



EPDM

| ART.CODE | Dia | d | D | S | QUANTITY |
|----------|------|-----|-----|---|----------|
| 8.05.100 | ¾" | 27 | 41 | 3 | 500 |
| 8.05.105 | 1" | 33 | 50 | 3 | 300 |
| 8.05.110 | 1¼" | 42 | 60 | 3 | 150 |
| 8.05.115 | 1¾" | 53 | 75 | 4 | 100 |
| 8.05.120 | 2" | 59 | 83 | 4 | 100 |
| 8.05.125 | 2¼" | 65 | 90 | 4 | 50 |
| 8.05.130 | 2½" | 75 | 100 | 4 | 50 |
| 8.05.047 | 2¾" | 83 | 106 | 4 | 50 |
| 8.05.050 | 3" | 88 | 110 | 5 | 10 |
| 8.05.135 | M113 | 111 | 145 | 5 | 10 |
| 8.05.140 | M133 | 133 | 170 | 5 | 10 |

VITON (F.P.M Colour = green)

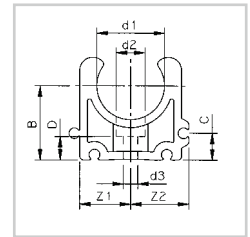
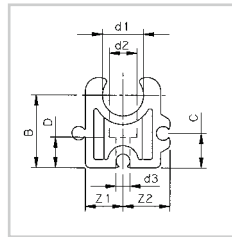
| ART.CODE | Dia | d | D | S | QUANTITY |
|----------|--------|-----|-----|---|----------|
| 8.35.025 | ¾" | 29 | 39 | 3 | 10 |
| 8.35.030 | 1" | 34 | 45 | 3 | 10 |
| 8.35.035 | 1¼" | 44 | 57 | 3 | 10 |
| 8.35.040 | 1¾"-2" | 57 | 73 | 4 | 10 |
| 8.35.045 | 2¼" | 67 | 85 | 4 | 10 |
| 8.35.046 | 2½" | 77 | 95 | 4 | 10 |
| 8.35.050 | 3" | 88 | 110 | 5 | 10 |
| 8.35.055 | M113 | 115 | 135 | 5 | 10 |

EPDM Viton

TUBE CLIP

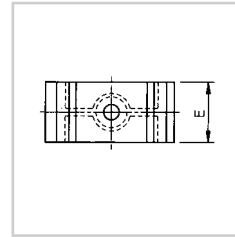
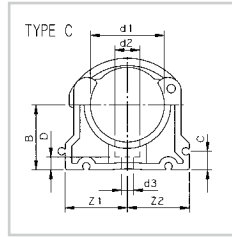
Buisklem
Rohrklemme
Clip de fixation
Supporto per tubi
Abrazadera para tubos

PP



TYPE A

TYPE B



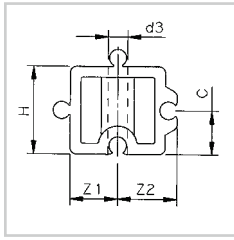
TYPE C

| ART.CODE | d1 | d2 | d3 | Z1 | Z2 | B | C | D | E | TYPE | QUANTITY |
|----------|-----|------|-----|------|------|-------|----|-----|------|------|-------------|
| 5.25.010 | 10 | 8.3 | 4.5 | 11 | 13.5 | 20 | 10 | 6 | 12 | A | 500 (50x10) |
| 5.25.012 | 12 | 8.3 | 4.5 | 11 | 13.5 | 21 | 10 | 6 | 12 | A | 500 (50x10) |
| 5.25.016 | 16 | 10.5 | 5.5 | 14 | 16.5 | 23 | 10 | 6 | 16 | B | 400 (40x10) |
| 5.25.020 | 20 | 10.5 | 5.5 | 16.5 | 19 | 25 | 10 | 6 | 16 | B | 400 (40x10) |
| 5.25.025 | 25 | 10.5 | 5.5 | 19 | 21.5 | 27.5 | 10 | 6 | 16 | B | 800 (80x10) |
| 5.25.032 | 32 | 10.5 | 5.5 | 24 | 26.5 | 31 | 10 | 6 | 16 | B | 600 (60x10) |
| 5.25.033 | 32 | 14 | 6.5 | 28.5 | 28.5 | 31 | 10 | 6.5 | 22 | C | 400 (40x10) |
| 5.25.040 | 40 | 14 | 6.5 | 33.5 | 33.5 | 35 | 10 | 6.5 | 22 | C | 250 (25x10) |
| 5.25.050 | 50 | 14 | 6.5 | 37 | 37 | 40 | 10 | 6.5 | 22 | C | 250 (25x10) |
| 5.25.063 | 63 | 17 | 8.5 | 44.5 | 44.5 | 51.5 | 10 | 10 | 25 | C | 150 (15x10) |
| 5.25.075 | 75 | 17 | 8.5 | 52 | 52 | 57.5 | 10 | 10 | 25 | C | 80 (8x10) |
| 5.25.090 | 90 | 17 | 8.5 | 64.5 | 64.5 | 65 | 10 | 10 | 28 | C | 60 (6x10) |
| 5.25.110 | 110 | 17 | 8.5 | 78 | 78 | 75 | 10 | 10 | 28 | C | 50 (5x10) |
| 5.25.125 | 125 | 17 | 8.5 | 88 | 88 | 90 | 10 | 10 | 31.5 | C | 40 (4x10) |
| 5.25.140 | 140 | 17 | 8.5 | 97 | 97 | 110 | 10 | 10 | 31.5 | C | 20 (2x10) |
| 5.25.160 | 160 | 17 | 8.5 | 109 | 109 | 107.5 | 10 | 10 | 31.5 | C | 20 (2x10) |

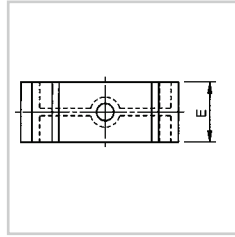
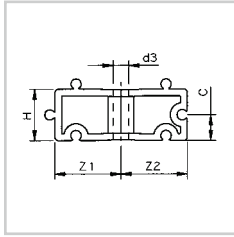
Advised installation distances for VDL tube clips and tube clamps can be found on www.vandelande.com.
 Advies montage-afstanden voor VDL buisklemmen en buisbeugels zijn te vinden op www.vandelande.com.
 Empfohlene Montageabstände für VDL Rohrklemmen und Rohrbügel finden Sie auf www.vandelande.com.
 Vous trouvez l'avis montage-distances pour les VDL clips de fixation à www.vandelande.com.
 Lei trovare consiglio per distanza di montaggio per VDL supporto per tubi a www.vandelande.com.
 Usted encuentre consulta distancia de montaje para VDL abrazadera para tubos en www.vandelande.com.

FILLING BLOCK

Vulblokje
Distanzhalter
Bloc à reveler
Distanziatore
Soporte de relleno



TYPE D



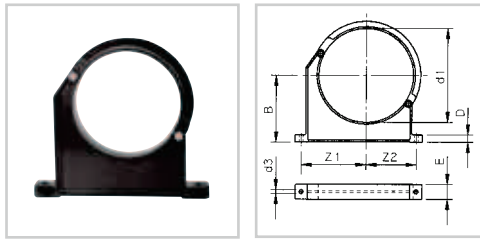
TYPE E



| ART.CODE | SIZE | d3 | Z1 | Z2 | H | C | E | TYPE | QUANTITY |
|----------|-------|-----|------|------|----|----|------|------|-------------|
| 5.24.011 | 10/12 | 4.5 | 11 | 13.5 | 20 | 10 | 12 | D | 500 (50x10) |
| 5.24.016 | 16 | 5.5 | 14 | 16.5 | 20 | 10 | 16 | E | 400 (40x10) |
| 5.24.020 | 20 | 5.5 | 16.5 | 19 | 20 | 10 | 16 | E | 400 (40x10) |
| 5.24.025 | 25 | 5.5 | 19 | 21.5 | 20 | 10 | 16 | E | 800 (80x10) |
| 5.24.032 | 32 | 5.5 | 24 | 26.5 | 20 | 10 | 16 | E | 600 (60x10) |
| 5.24.033 | 32 | 6.5 | 28.5 | 28.5 | 20 | 10 | 22 | E | 400 (40x10) |
| 5.24.040 | 40 | 6.5 | 33.5 | 33.5 | 20 | 10 | 22 | E | 500 (50x10) |
| 5.24.050 | 50 | 6.5 | 37 | 37 | 20 | 10 | 22 | E | 500 (50x10) |
| 5.24.063 | 63 | 8.5 | 44.5 | 44.5 | 20 | 10 | 25 | E | 150 (15x10) |
| 5.24.075 | 75 | 8.5 | 52 | 52 | 20 | 10 | 25 | E | 80 (8x10) |
| 5.24.090 | 90 | 8.5 | 64.5 | 64.5 | 20 | 10 | 28 | E | 100 (10x10) |
| 5.24.110 | 110 | 8.5 | 78 | 78 | 20 | 10 | 28 | E | 80 (8x10) |
| 5.24.125 | 125 | 8.5 | 88 | 88 | 20 | 10 | 31.5 | E | 150 (15x10) |
| 5.24.140 | 140 | 8.5 | 97 | 97 | 20 | 10 | 31.5 | E | 140 (14x10) |
| 5.24.160 | 160 | 8.5 | 109 | 109 | 20 | 10 | 31.5 | E | 120 (12x10) |

TUBE CLAMP

Buisbeugel
Rohrklemme
Clip de fixation
Supporto per tubi
Abrazadera para tubos



TYPE F

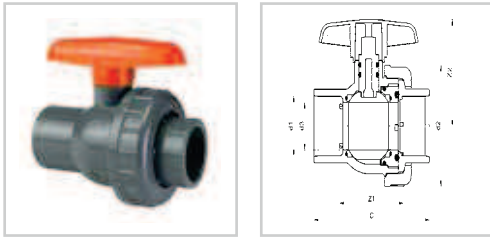


| ART.CODE | d1 | d3 | Z1 | Z2 | B | D | E | TYPE | QUANTITY |
|----------|-----|----|-------|-------|-------|----|----|------|----------|
| 5.26.090 | 90 | 9 | 89 | 71 | 105 | 15 | 33 | F | 60 |
| 5.26.110 | 110 | 9 | 94 | 81 | 115 | 15 | 33 | F | 40 |
| 5.26.125 | 125 | 11 | 116 | 92 | 130 | 20 | 35 | F | 40 |
| 5.26.140 | 140 | 11 | 121 | 99 | 130 | 20 | 35 | F | 40 |
| 5.26.160 | 160 | 11 | 130.5 | 106.5 | 147.5 | 20 | 35 | F | 20 |
| 5.26.180 | 180 | 11 | 142.5 | 115 | 162.5 | 20 | 35 | F | 10 |
| 5.26.200 | 200 | 13 | 151.5 | 119.5 | 175 | 25 | 40 | F | 10 |
| 5.26.225 | 225 | 13 | 164.5 | 131.5 | 175 | 25 | 40 | F | 10 |
| 5.26.250 | 250 | 13 | 182.5 | 142.5 | 200 | 25 | 40 | F | 10 |
| 5.26.280 | 280 | 13 | 197.5 | 155.5 | 200 | 25 | 40 | F | 10 |
| 5.26.315 | 315 | 13 | 218.5 | 171.5 | 225 | 25 | 40 | F | 10 |
| 5.26.355 | 355 | 17 | 276 | 210 | 257 | 30 | 50 | F | 10 |
| 5.26.400 | 400 | 17 | 301 | 230 | 288 | 30 | 50 | F | 10 |

Advised installation distances for VDL tube clips and tube clamps can be found on www.vandelande.com.
 Advies montage afstanden voor VDL buisklemmen en buisbeugels zijn te vinden op www.vandelande.com.
 Empfohlene Montageabstände für VDL Rohrklemmen und Rohrbügel finden Sie auf www.vandelande.com.
 Vous trouvez l'avis montage-distances pour les VDL clips de fixation à www.vandelande.com.
 Lei trovare consiglio per distanza di montaggio per VDL supporto per tubi a www.vandelande.com.
 Usted encuentre consulta distancia de montaje para VDL abrazadera para tubos en www.vandelande.com.

BALL VALVE TYPE: EIL

Kogelkraan type: Eil
Kugelhahn type: Eil
Vanne à boisseau type: Eil
Valvola a sfera tipo: Eil
Válvula de bola tipo: Eil



| ART.CODE | d1 | d2 | d3 | Z1 | Z2 | C | DN | PN | QUANTITY | REPLACEMENT KIT |
|----------|----|-----|----|----|-----|-----|----|----|----------|-----------------|
| 6.05.016 | 16 | 59 | 15 | 46 | 50 | 77 | 10 | 16 | 50 | 6.40.021 |
| 6.05.020 | 20 | 59 | 15 | 44 | 50 | 77 | 15 | 16 | 50 | 6.40.021 |
| 6.05.025 | 25 | 64 | 20 | 49 | 55 | 87 | 20 | 16 | 50 | 6.40.026 |
| 6.05.032 | 32 | 73 | 25 | 58 | 65 | 102 | 25 | 16 | 50 | 6.40.033 |
| 6.05.040 | 40 | 86 | 32 | 65 | 75 | 117 | 32 | 16 | 25 | 6.40.041 |
| 6.05.050 | 50 | 102 | 40 | 79 | 90 | 141 | 40 | 16 | 20 | 6.40.051 |
| 6.05.063 | 63 | 124 | 50 | 94 | 103 | 170 | 50 | 16 | 10 | 6.40.064 |

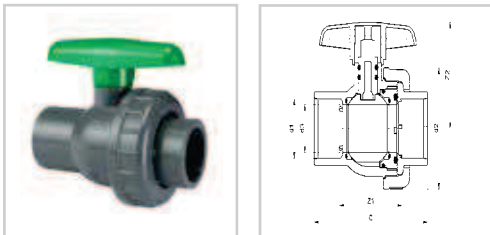
Flush out secured.
Uitstroom beveiligd.
Die kugel ist gesichert gegen herauspülen.

Logement du boisseau sécurisé.
Componenti interni della valvola bloccati.
Bola y juntas aseguradas contra arresre.



BALL VALVE TYPE: EIL

Kogelkraan type: Eil
Kugelhahn Type: Eil
Vanne à boisseau type: Eil
Valvola a sfera tipo: Eil
Válvula de bola tipo: Eil



| ART.CODE | d1 | d2 | d3 | Z1 | Z2 | C | DN | PN | QUANTITY | REPLACEMENT KIT |
|----------|----|-----|----|----|-----|-----|----|----|----------|-----------------|
| 6.06.016 | 16 | 59 | 15 | 46 | 50 | 77 | 10 | 16 | 50 | 6.42.021 |
| 6.06.020 | 20 | 59 | 15 | 44 | 50 | 77 | 15 | 16 | 50 | 6.42.021 |
| 6.06.025 | 25 | 64 | 20 | 49 | 55 | 87 | 20 | 16 | 50 | 6.42.026 |
| 6.06.032 | 32 | 73 | 25 | 58 | 65 | 102 | 25 | 16 | 50 | 6.42.033 |
| 6.06.040 | 40 | 86 | 32 | 65 | 75 | 117 | 32 | 16 | 25 | 6.42.041 |
| 6.06.050 | 50 | 102 | 40 | 79 | 90 | 141 | 40 | 16 | 20 | 6.42.051 |
| 6.06.063 | 63 | 124 | 50 | 94 | 103 | 170 | 50 | 16 | 10 | 6.42.064 |

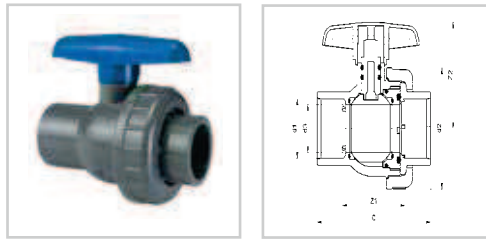
Flush out secured.
Uitstroom beveiligd.
Die kugel ist gesichert gegen herauspülen.

Logement du boisseau sécurisé.
Componenti interni della valvola bloccati.
Bola y juntas aseguradas contra arresre.



BALL VALVE TYPE: EIL

Kogelkraan type: Eil
Kugelhahn Type: Eil
Vanne à boisseau type: Eil
Valvola a sfera tipo: Eil
Válvula de bola tipo: Eil



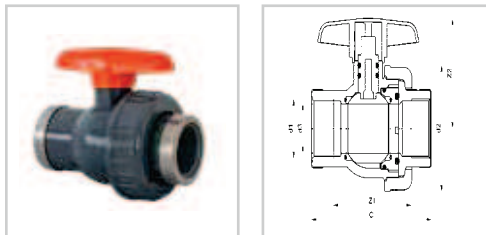
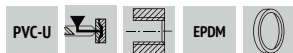
| ART.CODE | d1 | d2 | d3 | Z1 | Z2 | C | DN | PN | QUANTITY | REPLACEMENT KIT |
|----------|----|-----|----|----|-----|-----|----|----|----------|-----------------|
| 6.05.017 | 16 | 59 | 15 | 46 | 50 | 77 | 10 | 16 | 50 | 6.42.021 |
| 6.05.021 | 20 | 59 | 15 | 44 | 50 | 77 | 15 | 16 | 50 | 6.42.021 |
| 6.05.026 | 25 | 64 | 20 | 49 | 55 | 87 | 20 | 16 | 50 | 6.42.026 |
| 6.05.033 | 32 | 73 | 25 | 58 | 65 | 102 | 25 | 16 | 50 | 6.42.033 |
| 6.05.041 | 40 | 86 | 32 | 65 | 75 | 117 | 32 | 16 | 25 | 6.42.041 |
| 6.05.051 | 50 | 102 | 40 | 79 | 90 | 141 | 40 | 16 | 20 | 6.42.051 |
| 6.05.064 | 63 | 124 | 50 | 94 | 103 | 170 | 50 | 16 | 10 | 6.42.064 |

Flush out secured.
Uitstroom beveiligd.
Die kugel ist gesichert gegen herauspülen.

Logement du boisseau sécurisé.
Componenti interni della valvola bloccati.
Bola y juntas aseguradas contra arrestre.

BALL VALVE TYPE: EID

Kogelkraan type: Eid
Kugelhahn Type: Eid
Vanne à boisseau type: Eid
Valvola a sfera tipo: Eid
Válvula de bola tipo: Eid



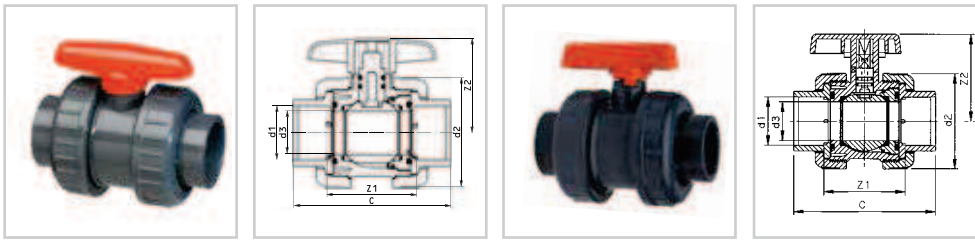
| ART.CODE | d1 | d2 | d3 | Z1 | Z2 | C | DN | PN | QUANTITY | REPLACEMENT KIT |
|----------|------------|-----|----|-----|-----|-----|----|----|----------|-----------------|
| 6.10.016 | 3/8" (F) | 59 | 15 | 53 | 50 | 77 | 10 | 16 | 50 | 6.40.021 |
| 6.10.020 | 1/2" (F) | 59 | 15 | 46 | 50 | 77 | 15 | 16 | 50 | 6.40.021 |
| 6.10.025 | 3/4" (F) | 64 | 20 | 51 | 55 | 87 | 20 | 16 | 50 | 6.40.026 |
| 6.10.032 | 1" (F) | 73 | 25 | 62 | 65 | 102 | 25 | 16 | 50 | 6.40.033 |
| 6.10.040 | 1 1/4" (F) | 86 | 32 | 72 | 75 | 117 | 32 | 16 | 25 | 6.40.041 |
| 6.10.050 | 1 1/2" (F) | 102 | 40 | 84 | 90 | 141 | 40 | 16 | 20 | 6.40.051 |
| 6.10.063 | 2" (F) | 124 | 50 | 108 | 103 | 170 | 50 | 16 | 10 | 6.40.064 |

Flush out secured.
Uitstroom beveiligd.
Die kugel ist gesichert gegen herauspülen.

Logement du boisseau sécurisé.
Componenti interni della valvola bloccati.
Bola y juntas aseguradas contra arrestre.

BALL VALVE TYPE: DIL

Kogelkraan type: Dil
Kugelhahn Type: Dil
Vanne à boisseau type: Dil
Valvola a sfera tipo: Dil
Válvula de bola tipo: Dil



TYPE A

TYPE B

| ART.CODE | d1 | d2 | d3 | Z1 | Z2 | C | DN | PN | TYPE | QUANTITY | REPLACEMENT KIT |
|----------|-----|-------|----|-----|-----|-----|-----|----|------|----------|-----------------|
| 6.15.016 | 16 | 59 | 15 | 54 | 56 | 84 | 10 | 16 | A | 50 | 6.40.021 |
| 6.15.020 | 20 | 59 | 15 | 50 | 56 | 84 | 15 | 16 | A | 50 | 6.40.021 |
| 6.15.025 | 25 | 64 | 20 | 54 | 57 | 94 | 20 | 16 | A | 50 | 6.40.026 |
| 6.15.032 | 32 | 73 | 25 | 64 | 66 | 110 | 25 | 16 | A | 50 | 6.40.033 |
| 6.15.040 | 40 | 86 | 32 | 69 | 75 | 122 | 32 | 16 | A | 25 | 6.40.041 |
| 6.15.050 | 50 | 102 | 40 | 87 | 90 | 150 | 40 | 16 | A | 15 | 6.40.051 |
| 6.15.063 | 63 | 124 | 50 | 102 | 102 | 180 | 50 | 16 | A | 10 | 6.40.064 |
| 6.15.075 | 75 | 151 | 63 | 128 | 123 | 217 | 65 | 10 | B | 5 | 6.40.075 |
| 6.15.090 | 90 | 178.5 | 75 | 152 | 143 | 255 | 80 | 10 | B | 3 | 6.40.090 |
| 6.15.110 | 110 | 215.5 | 90 | 184 | 161 | 307 | 100 | 10 | B | 1 | 6.40.110 |

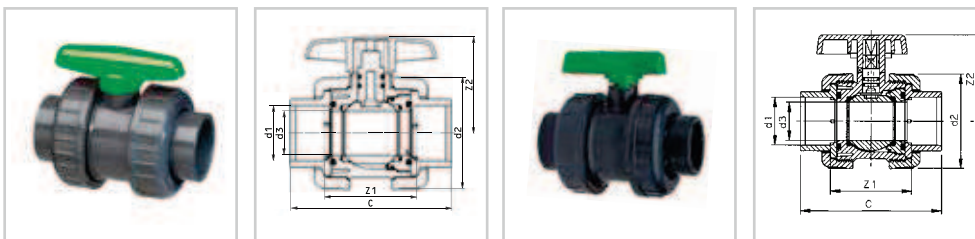


Flush out secured.
Uitstroom beveiligd.
Die kugel ist gesichert gegen herauspülen.

Logement du boisseau sécurisé.
Componenti interni della valvola bloccati.
Bola y juntas aseguradas contra arrestre.

BALL VALVE TYPE: DIL

Kogelkraan type: Dil
Kugelhahn Type: Dil
Vanne à boisseau type: Dil
Valvola a sfera tipo: Dil
Válvula de bola tipo: Dil



TYPE A

TYPE B

| ART.CODE | d1 | d2 | d3 | Z1 | Z2 | C | DN | PN | TYPE | QUANTITY | REPLACEMENT KIT |
|----------|-----|-------|----|-----|-----|-----|-----|----|------|----------|-----------------|
| 6.16.016 | 16 | 59 | 15 | 54 | 56 | 84 | 10 | 16 | A | 50 | 6.42.021 |
| 6.16.020 | 20 | 59 | 15 | 50 | 56 | 84 | 15 | 16 | A | 50 | 6.42.021 |
| 6.16.025 | 25 | 64 | 20 | 54 | 57 | 94 | 20 | 16 | A | 50 | 6.42.026 |
| 6.16.032 | 32 | 73 | 25 | 64 | 66 | 110 | 25 | 16 | A | 50 | 6.42.033 |
| 6.16.040 | 40 | 86 | 32 | 69 | 75 | 122 | 32 | 16 | A | 25 | 6.42.041 |
| 6.16.050 | 50 | 102 | 40 | 87 | 90 | 150 | 40 | 16 | A | 15 | 6.42.051 |
| 6.16.063 | 63 | 124 | 50 | 102 | 102 | 180 | 50 | 16 | A | 10 | 6.42.064 |
| 6.16.075 | 75 | 151 | 63 | 128 | 123 | 217 | 65 | 10 | B | 5 | 6.42.075 |
| 6.16.090 | 90 | 178.5 | 75 | 152 | 143 | 255 | 80 | 10 | B | 3 | 6.42.090 |
| 6.16.110 | 110 | 215.5 | 90 | 184 | 161 | 307 | 100 | 10 | B | 1 | 6.42.110 |



Flush out secured.
Uitstroom beveiligd.
Die kugel ist gesichert gegen herauspülen.

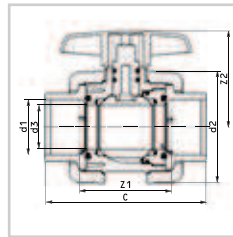
Logement du boisseau sécurisé.
Componenti interni della valvola bloccati.
Bola y juntas aseguradas contra arrestre.

BALL VALVE TYPE: DIL

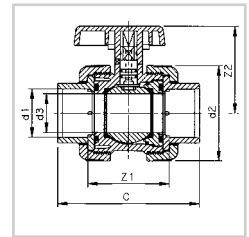
Kogelkraan type: Dil
Kugelhahn Type: Dil
Vanne à boisseau type: Dil
Valvola a sfera tipo: Dil
Válvula de bola tipo: Dil



TYPE A



TYPE B



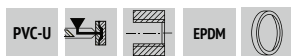
| ART.CODE | d1 | d2 | d3 | Z1 | Z2 | C | DN | PN | TYPE | QUANTITY | REPLACEMENT KIT |
|----------|-----|-------|----|-----|-----|-----|-----|----|------|----------|-----------------|
| 6.15.017 | 16 | 59 | 15 | 54 | 56 | 84 | 10 | 16 | A | 50 | 6.42.021 |
| 6.15.021 | 20 | 59 | 15 | 50 | 56 | 84 | 15 | 16 | A | 50 | 6.42.021 |
| 6.15.026 | 25 | 64 | 20 | 54 | 57 | 94 | 20 | 16 | A | 50 | 6.42.026 |
| 6.15.033 | 32 | 73 | 25 | 64 | 66 | 110 | 25 | 16 | A | 50 | 6.42.033 |
| 6.15.041 | 40 | 86 | 32 | 69 | 75 | 122 | 32 | 16 | A | 25 | 6.42.041 |
| 6.15.051 | 50 | 102 | 40 | 87 | 90 | 150 | 40 | 16 | A | 15 | 6.42.051 |
| 6.15.064 | 63 | 124 | 50 | 102 | 102 | 180 | 50 | 16 | A | 10 | 6.42.064 |
| 6.15.076 | 75 | 151 | 63 | 128 | 123 | 217 | 65 | 10 | B | 5 | 6.42.075 |
| 6.15.091 | 90 | 178.5 | 75 | 152 | 143 | 255 | 80 | 10 | B | 3 | 6.42.090 |
| 6.15.111 | 110 | 215.5 | 90 | 184 | 161 | 307 | 100 | 10 | B | 1 | 6.42.110 |

Flush out secured.
Uitstroom beveiligd.
Die kugel ist gesichert gegen herauspülen.

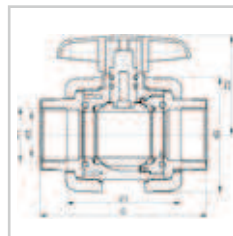
Logement du boisseau sécurisé.
Componenti interni della valvola bloccati.
Bola y juntas aseguradas contra arrestre.

BALL VALVE TYPE: DID

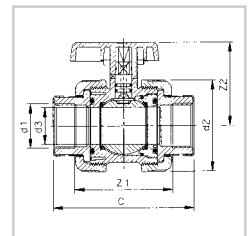
Kogelkraan type: Did
Kugelhahn Type: Did
Vanne à boisseau type: Did
Valvola a sfera tipo: Did
Válvula de bola tipo: Did



TYPE A



TYPE B



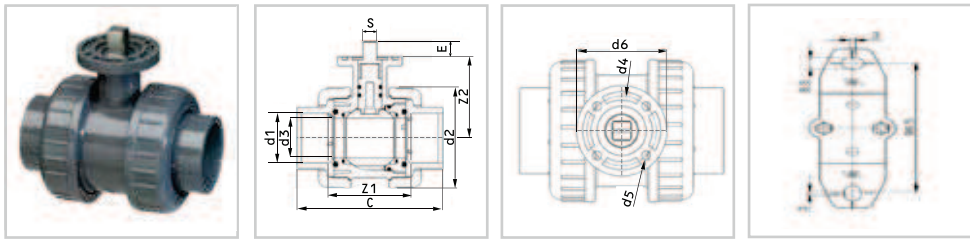
| ART.CODE | d1 | d2 | d3 | Z1 | Z2 | C | DN | PN | TYPE | QUANTITY | REPLACEMENT KIT |
|----------|------------|-------|----|-----|-----|-----|-----|----|------|----------|-----------------|
| 6.20.016 | 3/8" (F) | 59 | 15 | 60 | 56 | 84 | 10 | 16 | A | 50 | 6.40.021 |
| 6.20.020 | 1/2" (F) | 59 | 15 | 52 | 56 | 84 | 15 | 16 | A | 50 | 6.40.021 |
| 6.20.025 | 3/4" (F) | 64 | 20 | 60 | 57 | 94 | 20 | 16 | A | 50 | 6.40.026 |
| 6.20.032 | 1" (F) | 73 | 25 | 69 | 66 | 110 | 25 | 16 | A | 50 | 6.40.033 |
| 6.20.040 | 1 1/4" (F) | 86 | 32 | 79 | 75 | 122 | 32 | 16 | A | 25 | 6.40.041 |
| 6.20.050 | 1 1/2" (F) | 102 | 40 | 102 | 90 | 150 | 40 | 16 | A | 15 | 6.40.051 |
| 6.20.063 | 2" (F) | 124 | 50 | 118 | 102 | 180 | 50 | 16 | A | 10 | 6.40.064 |
| 6.20.075 | 2 1/2" (F) | 151 | 63 | 155 | 123 | 217 | 65 | 10 | B | 5 | 6.40.075 |
| 6.20.090 | 3" (F) | 178.5 | 75 | 185 | 143 | 255 | 80 | 10 | B | 3 | 6.40.090 |
| 6.20.110 | 4" (F) | 215.5 | 90 | 227 | 161 | 307 | 100 | 10 | B | 1 | 6.40.110 |

Flush out secured.
Uitstroom beveiligd.
Die kugel ist gesichert gegen herauspülen.

Logement du boisseau sécurisé.
Componenti interni della valvola bloccati.
Bola y juntas aseguradas contra arrestre.

BALL VALVE ISO TOP

Kogelkraan ISO Top
Kugelhahn ISO Top
Vanne à boisseau ISO Top
Valvola a sfera ISO Top
Válvula de bola ISO Top



TYPE A

TYPE B

| ART.CODE | d1 | d2 | d3 | Z1 | Z2 | C | DN | PN | TYPE | QUANTITY |
|----------|----|-----|----|-----|------|-----|----|----|------|----------|
| 6.14.032 | 32 | 73 | 25 | 64 | 60.5 | 110 | 25 | 16 | A | 12 (6x2) |
| 6.14.050 | 50 | 102 | 40 | 87 | 81.5 | 150 | 40 | 16 | A | 6 (6x1) |
| 6.14.063 | 63 | 124 | 50 | 102 | 93.5 | 180 | 50 | 16 | B | 6 (6x1) |

| ART.CODE | d4 | d5 | d6 | E | S | ISO 5211 | TORQUE |
|----------|----|-----|----|----|----|------------------|---------|
| 6.14.032 | 42 | 5.5 | 54 | 11 | 11 | F04 - Y - L - 11 | 4.5 Nm* |
| 6.14.050 | 50 | 6.5 | 65 | 15 | 14 | F05 - Y - L - 14 | 7.5 Nm* |
| 6.14.063 | 50 | 6.5 | 65 | 15 | 14 | F05 - Y - L - 14 | 11 Nm* |



Stainless Steel

6.14.032 Axle and coupling sleeve
6.14.050 Axle
6.14.063 Axle

*Average value at nominal pressure

The torque of the actuator should be about 2x as high as the average torque value from the Ball Valve to take into account the influence of operating conditions. The exact factor depends upon the application.

Roestvrijstaal

6.14.032 As en koppelbus
6.14.050 As
6.14.063 As

*Gemiddelde waarden bij nominale druk

Het koppel van de aandrijving moet ca. 2x zo hoog zijn als het gemiddelde draaimoment van de kogelkraan om rekening te houden met de invloed van gebruikscondities. De exacte hoogte van deze factor is afhankelijk van de toepassing.

Rostfreiem Stahl

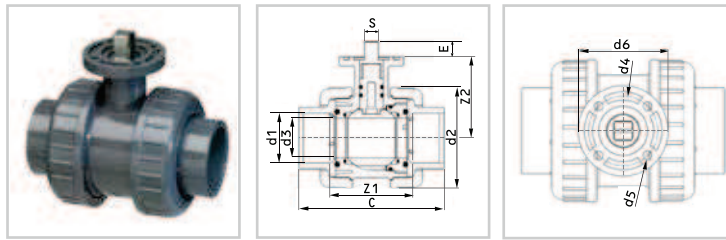
6.14.032 Asche und Kuppelingsmuffe
6.14.050 Asche
6.14.063 Asche

*Mittelwert bei Nominale Druck

Das Drehmoment des Antriebs muß ungefähr 2x so hoch sein wie das Drehmoment des Kugelhahns wegen Anwendungseinflüsse. Die genaue Faktor ist abhängig von die Anwendung.

BALL VALVE ISO TOP

Kogelkraan ISO Top
Kugelhahn ISO Top
Vanne à boisseau ISO Top
Valvola a sfera ISO Top
Válvula de bola ISO Top



| ART.CODE | d1 | d2 | d3 | Z1 | Z2 | C | DN | PN | QUANTITY |
|----------|----|-----|----|-----|------|-----|----|----|----------|
| 6.17.032 | 32 | 73 | 25 | 64 | 60.5 | 110 | 25 | 16 | 12 (6x2) |
| 6.17.050 | 50 | 102 | 40 | 87 | 81.5 | 150 | 40 | 16 | 6 (6x1) |
| 6.17.063 | 63 | 124 | 50 | 102 | 93.5 | 180 | 50 | 16 | 6 (6x1) |

| ART.CODE | d4 | d5 | d6 | E | S | ISO 5211 | TORQUE |
|----------|----|-----|----|----|----|------------------|---------|
| 6.17.032 | 42 | 5.5 | 54 | 11 | 11 | F04 - Y - L - 11 | 4.5 Nm* |
| 6.17.050 | 50 | 6.5 | 65 | 15 | 14 | F05 - Y - L - 14 | 7.5 Nm* |
| 6.17.063 | 50 | 6.5 | 65 | 15 | 14 | F05 - Y - L - 14 | 11 Nm* |

Stainless Steel

6.14.032 Axle and coupling sleeve
6.14.050 Axle
6.14.063 Axle

*Average value at nominal pressure

The torque of the actuator should be about 2x as high as the average torque value from the Ball Valve to take into account the influence of operating conditions. The exact factor depends upon the application.

Roestvrijstaal

6.14.032 As en koppelbus
6.14.050 As
6.14.063 As

*Gemiddelde waarden bij nominale druk

Het koppel van de aandrijving moet ca. 2x zo hoog zijn als het gemiddelde draaimoment van de kogelkraan om rekening te houden met de invloed van gebruikscondities. De exacte hoogte van deze factor is afhankelijk van de toepassing.

Rostfreiem Stahl

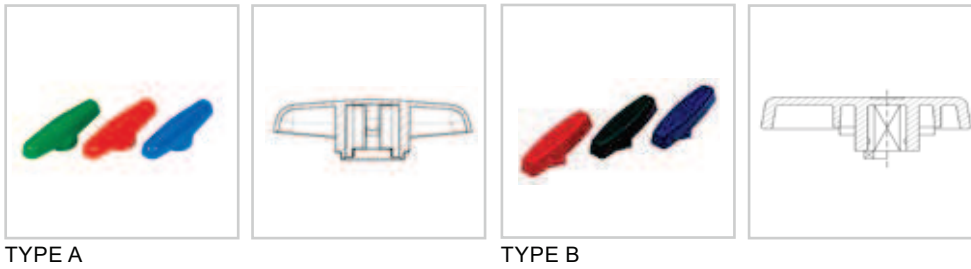
6.14.032 Asche und Kuppelingsmuffe
6.14.050 Asche
6.14.063 Asche

*Mittelwert bei Nominale Druck

Das Drehmoment des Antriebs muß ungefähr 2x so hoch sein wie das Drehmoment des Kugelhahns wegen Anwendungseinflüsse. Die genaue Faktor ist abhängig von die Anwendung.

HANDLE FOR BALL VALVE (PARTS)

Handgreep kogelkraan
Handgriff Kugelhahn
Poignée vanne à boisseau
Presà di valvola a sfera
Maneta de válvula de bola

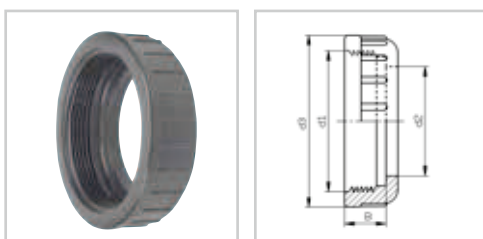


TYPE A

TYPE B

| ART.CODE | COLOR | d1 SIZE | BALL VALVE | TYPE | QUANTITY |
|----------|----------------|---------|--|------|----------|
| 8.58.021 | rood/ red/ rot | d 16 | 6.05.016 - 6.05.017 - 6.06.016 - 6.10.016 6.15.016 - 6.15.017 - 6.16.016 - 6.20.016 | A | 25 |
| 8.58.021 | rood/ red/ rot | d 20 | 6.05.020 - 6.05.021 - 6.06.020 - 6.10.020 6.15.020 - 6.15.021 - 6.16.020 - 6.20.020 | A | 25 |
| 8.58.026 | rood/ red/ rot | d 25 | 6.05.025 - 6.05.026 - 6.06.025 - 6.10.025 6.15.025 - 6.15.026 - 6.16.025 - 6.20.025 | A | 25 |
| 8.58.033 | rood/ red/ rot | d 32 | 6.05.032 - 6.05.033 - 6.06.032 - 6.10.032 6.15.032 - 6.15.033 - 6.16.033 - 6.20.032 | A | 25 |
| 8.58.041 | rood/ red/ rot | d 40 | 6.05.040 - 6.05.041 - 6.06.040 - 6.10.040 6.15.040 - 6.15.041 - 6.16.040 - 6.20.040 | A | 25 |
| 8.58.051 | rood/ red/ rot | d 50 | 6.05.050 - 6.05.051 - 6.06.050 - 6.10.050 6.15.050 - 6.15.051 - 6.16.050 - 6.20.050 | A | 25 |
| 8.58.064 | rood/ red/ rot | d 63 | 6.05.063 - 6.05.064 - 6.06.063 - 6.10.063 6.15.063 - 6.15.064 - 6.16.063 - 6.20.063 | A | 25 |
| 8.58.075 | rood/ red/ rot | d 75 | 6.15.075 - 6.15.076 - 6.16.075 - 6.20.075 | B | 10 |
| 8.58.090 | rood/ red/ rot | d 90 | 6.15.090 - 6.15.091 - 6.16.090 - 6.20.090 | B | 10 |
| 8.58.110 | rood/ red/ rot | d 110 | 6.15.110 - 6.15.111 - 6.16.110 - 6.20.110 | B | 10 |

| ART.CODE | COLOR |
|-----------|-----------------------|
| BLA858*** | blauw/ blue/ blau |
| GRO858*** | groen/ green/ grün |
| GRI858*** | grijs/ grey/ grau |
| WIT858*** | wit/ white/ weiss |
| ZWA858*** | zwart/ black/ schwarz |



UNION NUTT BALL VALVE (PARTS)

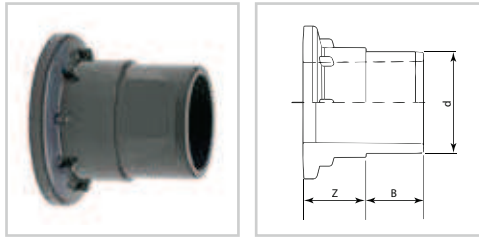
Wartel kogelkraan
Überwurfmutter Kugelhahn
Écrou vanne à boisseau
Gheira valvola a sfera
Tuerca union válvula

| ART.CODE | d1 | d2 | d3 | B | DN | QUANTITY |
|----------|-----|-----|-------|----|-------|----------|
| 6.24.020 | 47 | 32 | 59 | 15 | 10/15 | 50 |
| 6.24.025 | 51 | 38 | 64 | 16 | 20 | 50 |
| 6.24.032 | 59 | 46 | 73 | 18 | 25 | 50 |
| 6.24.040 | 70 | 55 | 86 | 20 | 32 | 25 |
| 6.24.050 | 84 | 66 | 102 | 23 | 40 | 20 |
| 6.24.063 | 101 | 81 | 124 | 28 | 50 | 20 |
| 6.24.075 | 127 | 97 | 151 | 36 | 65 | 10 |
| 6.24.090 | 152 | 115 | 178.5 | 43 | 80 | 10 |
| 6.24.110 | 182 | 138 | 215.5 | 57 | 100 | 10 |



COLLAR MALE SPIGOT (OPTION)

Inlegstuk uitwendig lijm
Bundbuchse Klebestutzen
Collet à coller male
Collare maschio
Portabrida encolar macho



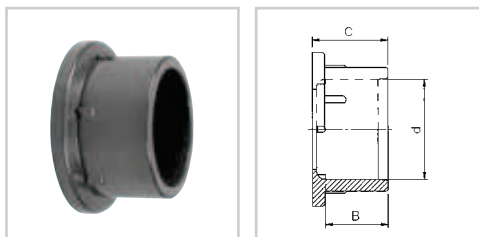
| ART.CODE | d | Z | B | DN | QUANTITY |
|----------|----|----|----|----|----------|
| 6.25.050 | 50 | 33 | 31 | 40 | 1 |
| 6.25.063 | 63 | 39 | 38 | 50 | 1 |

PVC-U



COLLAR SOLVENT SOCKET (PARTS)

Inlegstuk inwendig lijm
Bundbuchse Klebemuffe
Collet à coller femelle
Collare a attacchi incollaggio
Portabrida encolar



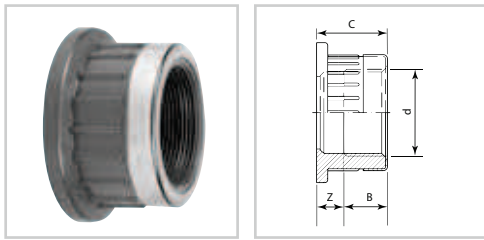
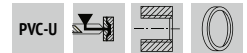
| ART.CODE | d | B | C | DN | QUANTITY |
|----------|-----|----|------|-----|----------|
| 6.26.016 | 16 | 14 | 20.5 | 10 | 50 |
| 6.26.020 | 20 | 16 | 20.5 | 15 | 50 |
| 6.26.025 | 25 | 19 | 23.5 | 20 | 50 |
| 6.26.032 | 32 | 22 | 27.5 | 25 | 50 |
| 6.26.040 | 40 | 26 | 32.0 | 32 | 25 |
| 6.26.050 | 50 | 31 | 38.0 | 40 | 20 |
| 6.26.063 | 63 | 38 | 49.0 | 50 | 20 |
| 6.26.075 | 75 | 44 | 54.5 | 65 | 10 |
| 6.26.090 | 90 | 51 | 63.0 | 80 | 10 |
| 6.26.110 | 110 | 61 | 76.5 | 100 | 10 |

PVC-U



COLLAR FEMALE THREADED (PARTS)

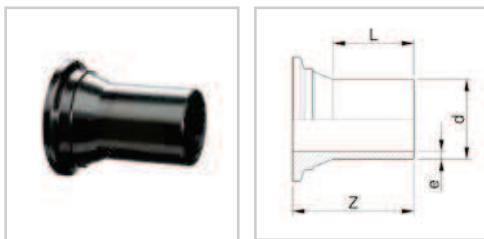
Inlegstuk inwendig draad
Bundbuchse Innengewinde
Collet taraudé
Collare attacchi filetatti femmina
Portabrida encolar rosca hembra



| ART.CODE | d | B | C | Z | DN | QUANTITY |
|----------|------------|----|------|------|-----|----------|
| 6.30.016 | 3/8" (F) | 13 | 20.5 | 7.5 | 10 | 50 |
| 6.30.020 | 1/2" (F) | 17 | 20.5 | 3.5 | 15 | 50 |
| 6.30.025 | 3/4" (F) | 19 | 23.5 | 4.5 | 20 | 50 |
| 6.30.032 | 1" (F) | 21 | 27.5 | 6.5 | 25 | 50 |
| 6.30.040 | 1 1/4" (F) | 23 | 32.0 | 9 | 32 | 25 |
| 6.30.050 | 1 1/2" (F) | 29 | 38.0 | 9 | 40 | 20 |
| 6.30.063 | 2" (F) | 32 | 49.0 | 17 | 50 | 20 |
| 6.30.075 | 2 1/2" (F) | 32 | 54.5 | 22.5 | 65 | 10 |
| 6.30.090 | 3" (F) | 36 | 63.0 | 27 | 80 | 10 |
| 6.30.110 | 4" (F) | 40 | 76.5 | 36.5 | 100 | 10 |

PE CONNECTOR FOR BALL VALVE (OPTION)

PE inlegdeel voor kogelkraan
PE Einlegeteil für Kugelhahn
Pièce folle en PE pour vanne à bille
Collare PE valvola a sfera
Portabrida PE válvula de bola



| ART.CODE | d | Z | L | e | SDR | (BAR) P* | QUANTITY |
|----------|----|-----|----|-----|-----|----------|----------|
| 6.31.020 | 20 | 67 | 45 | 2.0 | 11 | 12.5 | 25 |
| 6.31.025 | 25 | 68 | 45 | 2.3 | 11 | 12.5 | 25 |
| 6.31.032 | 32 | 71 | 45 | 3.0 | 11 | 12.5 | 25 |
| 6.31.040 | 40 | 80 | 50 | 3.7 | 11 | 12.5 | 15 |
| 6.31.050 | 50 | 89 | 57 | 4.6 | 11 | 12.5 | 10 |
| 6.31.063 | 63 | 105 | 70 | 5.8 | 11 | 12.5 | 5 |
| 6.31.064 | 63 | 105 | 70 | 3.8 | 17 | 7.5 | 5 |
| 6.31.075 | 75 | 123 | 81 | 6.8 | 11 | 7.5 | 5 |
| 6.31.076 | 75 | 123 | 81 | 4.5 | 17 | 7.5 | 5 |
| 6.31.090 | 90 | 137 | 90 | 8.2 | 11 | 7.5 | 3 |
| 6.31.091 | 90 | 137 | 90 | 5.4 | 17 | 7.5 | 3 |

*Remarks

- Maximum working pressure (P) for water at 20°C and constant load.
- For use at higher temperatures or varying loads, additional reduction factors must be taken into account.

*Opmerkingen

- Maximale werkdruk (P) voor water van 20°C en bij constante belasting.
- Voor gebruik bij hogere temperaturen of wisselende belastingen moet rekening gehouden worden met extra reductiefactoren.

*Bemerkungen

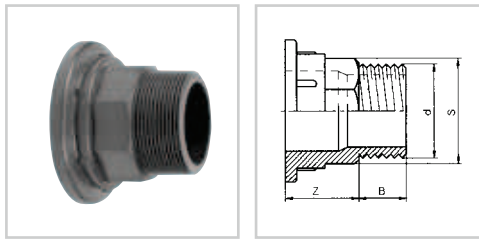
- Maximaler Betriebsdruck (P) für Wasser bei 20°C und bei konstanter Belastung.
- Für Einsatz bei höheren Temperaturen oder wechselnden Belastung müssen zusätzliche Reduktionsfaktoren berücksichtigt werden.

*Remarques

- Pression de service maximale (P) pour l'eau à 20°C et à charge constante.
- Pour utilisation à des températures élevées ou des charges variables, des facteurs de réduction additional doit être pris en compte.

COLLAR MALE THREADED (OPTION)

Inlegstuk uitwendig draad
Bundbuchse Aussengewinde
Collet fileté
Collare attacchi filetati maschio
Portabrida encolar rosca macho



| ART.CODE | d | Z | B | S | DN | QUANTITY |
|----------|---------|----|----|----|----|----------|
| 6.32.020 | ½" (M) | 22 | 16 | 27 | 15 | 50 |
| 6.32.025 | ¾" (M) | 22 | 17 | 32 | 20 | 50 |
| 6.32.032 | 1" (M) | 25 | 21 | 36 | 25 | 50 |
| 6.32.040 | 1¼" (M) | 29 | 23 | 46 | 32 | 20 |
| 6.32.050 | 1½" (M) | 35 | 23 | 55 | 40 | 20 |
| 6.32.063 | 2" (M) | 41 | 27 | 65 | 50 | 20 |

REPLACEMENT KIT

Vervangset
Austauschset
Jeu de rechange
Ki di Pezzi di ricambio
Kit Recambio



E.P.D.M. rubber

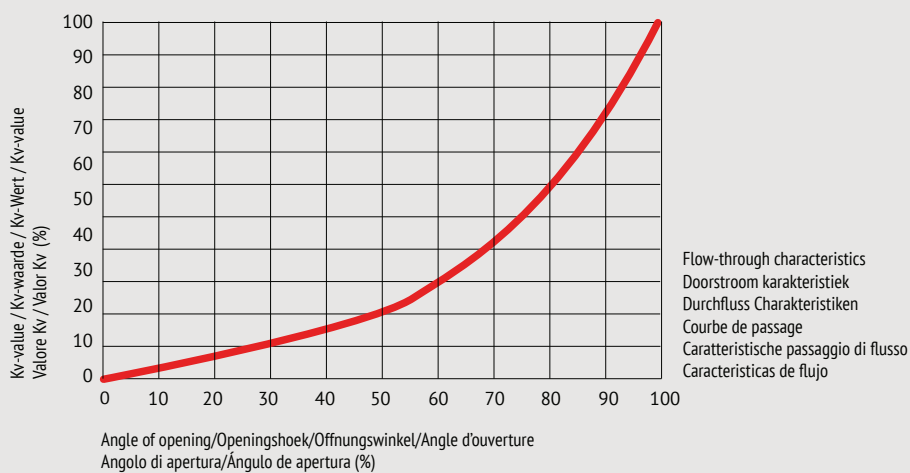
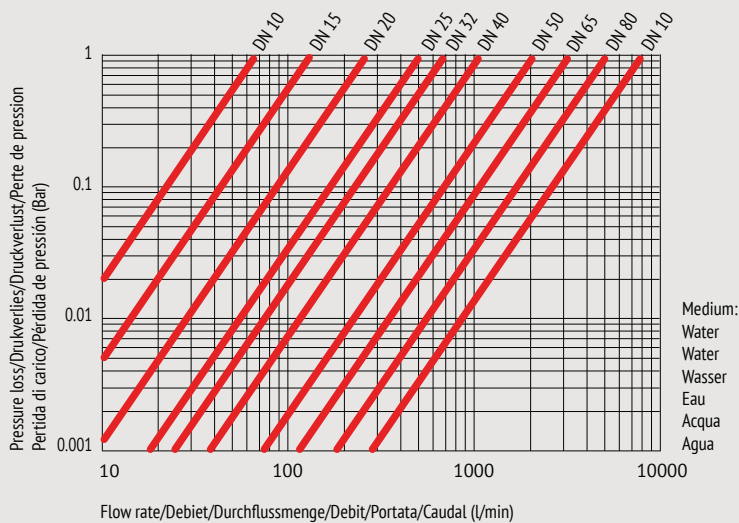
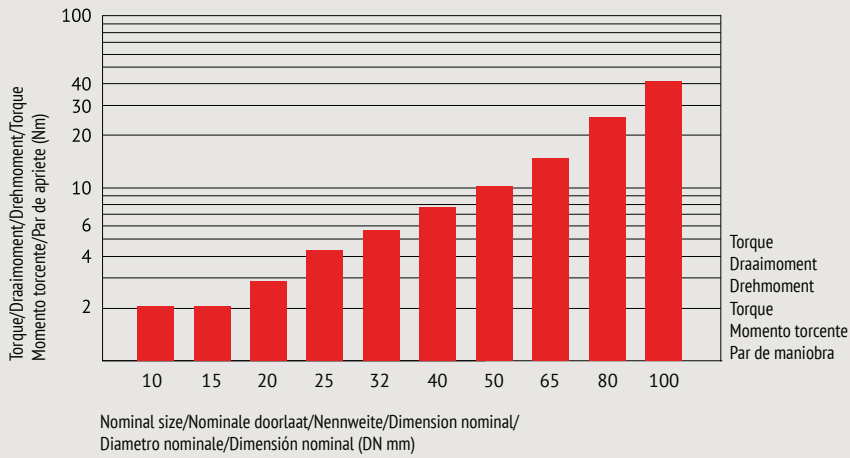
| ART.CODE | BALL VALVE |
|----------|---|
| 6.40.021 | 6.15.016 - 6.15.020 - 6.20.016 - 6.20.020 |
| 6.40.026 | 6.15.025 - 6.20.025 |
| 6.40.033 | 6.15.032 - 6.20.032 |
| 6.40.041 | 6.15.040 - 6.20.040 |
| 6.40.051 | 6.15.050 - 6.20.050 |
| 6.40.064 | 6.15.063 - 6.20.063 |
| 6.40.075 | 6.15.075 - 6.20.075 |
| 6.40.090 | 6.15.090 - 6.20.090 |
| 6.40.110 | 6.15.110 - 6.20.110 |

VITON (F.P.M Colour = green)

| ART.CODE | BALL VALVE |
|----------|---------------------|
| 6.42.021 | 6.16.016 - 6.16.020 |
| 6.42.026 | 6.16.025 |
| 6.42.033 | 6.16.032 |
| 6.42.041 | 6.16.040 |
| 6.42.051 | 6.16.050 |
| 6.42.064 | 6.16.063 |
| 6.42.075 | 6.16.075 |
| 6.42.090 | 6.16.090 |
| 6.42.110 | 6.16.110 |

TECHNICAL DATA BALL VALVES

Technische info kogelkranen
 Technische Daten Kugelhähne
 Caractéristiques techniques
 vanne à boisseau
 Dati tecnici valvola a sfera
 Información técnico
 válvula de bola



TECHNICAL DATA BALL VALVES

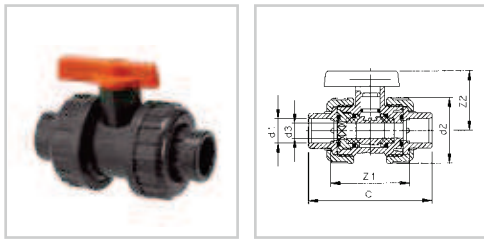
Technische info kogelkranen
Technische Daten Kugelhähne
Caractéristiques techniques vanne à
boisseau
Dati tecnici valvola a sfera
Información técnico válvula de bola

Every single valve has been tested on leaks.
Iedere kogelkraan is afzonderlijk getest op lekkage.
Jeder Kugelhahn wird geprüft auf Leckage.
Chaque vanne est contrôlée pour son étanchéité.
Valvole controllate al 100% per le perdite idrauliche.
Cada válvula de bola pasa un control de estanquidad.

| | | |
|---------------------|---------------------------------|---|
| Seals | : Seats O-Rings | : TEFLON filled PE : Standard E.P.D.M., optional delivery: Viton® |
| Afdichtingen | : Zittingen O-Ringen | : TEFLON gevuld PE : Standaard E.P.D.M., als optie leverbaar: Viton® |
| Dichtungen | : Kugeldichtungen O-Ringe | : TEFLON gefülltes PE : Standard E.P.D.M., auch lieferbar: Viton® |
| Garniture | : Sièges Joint torique | : PE avec TEFLON : Standard E.P.D.M., livrable optionelle: Viton® |
| Tenute | : Sede O-Ring | : PE caricata con TEFLON : Standard E.P.D.M., a richiesta: Viton® |
| Juntas | : Junta de bola Junta tórica | : PE con TEFLON : E.P.D.M. estándar, FPM (Viton®) opcional |

LABORATORY BALL VALVE

Laboratorium kogelkraan
Laboratorium Kugelhahn
Vanne a boisseau laboratoire
Valvula a sfera laboratorio
Válvula de bola laborarorio

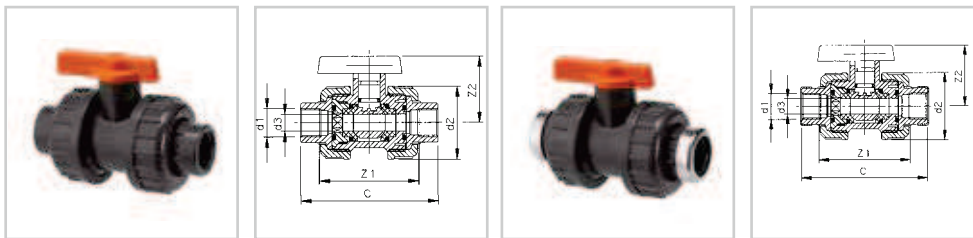


| ART.CODE | d1 | d2 | d3 | Z1 | Z2 | C | DN | PN | QUANTITY |
|----------|----|----|----|----|----|----|----|----|----------|
| 6.01.012 | 12 | 39 | 8 | 44 | 35 | 70 | 8 | 16 | 50 |
| 6.01.016 | 16 | 43 | 10 | 52 | 39 | 80 | 10 | 16 | 50 |



LABORATORY BALL VALVE

Laboratorium kogelkraan
Laboratorium Kugelhahn
Vanne a boisseau laboratoire
Valvula a sfera laboratorio
Válvula de bola laborarorio



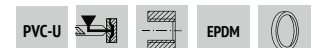
TYPE A

TYPE B

| ART.CODE | d1 | d2 | d3 | Z1 | Z2 | C | DN | TYPE | PN | QUANTITY |
|----------|----------|----|----|----|----|----|----|------|----|----------|
| 6.02.012 | 1/4" (F) | 39 | 8 | 48 | 35 | 70 | 8 | A | 16 | 50 |
| 6.02.016 | 3/8" (F) | 43 | 10 | 58 | 39 | 80 | 10 | B | 16 | 50 |



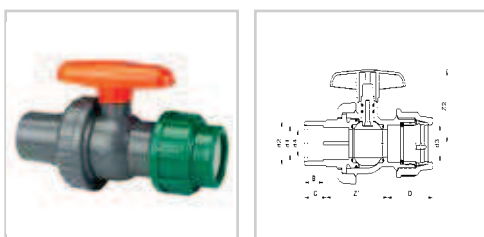
TYPE A



TYPE B

BALL VALVE FOR SUBSTRATE

Kogelkraan voor substraat
Kugelhahn für Nährbodenanlage
Vanne à boisseau pour substrat
Vavula a sfera per cultura substrato
Válvula de bola para substrato nutritivo



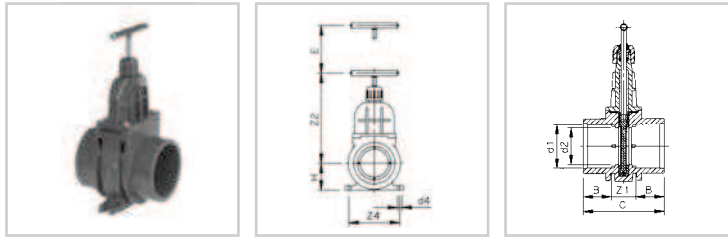
| ART.CODE | d1 | d2 | d3 | d4 | Z1 | Z2 | B | C | D | DN | PN | QUANTITY |
|----------|----|----|----|----|----|----|----|----|----|----|----|----------|
| 6.00.016 | 25 | 32 | 16 | 20 | 71 | 57 | 19 | 22 | 42 | 20 | 10 | 50 |
| 6.00.020 | 25 | 32 | 20 | 20 | 69 | 57 | 19 | 22 | 47 | 20 | 10 | 50 |
| 6.00.025 | 25 | 32 | 25 | 20 | 66 | 57 | 19 | 22 | 51 | 20 | 10 | 50 |
| 6.00.032 | 32 | 40 | 32 | 25 | 76 | 65 | 23 | 27 | 57 | 25 | 10 | 25 |



PVC-U METRIC

SLIDE VALVE

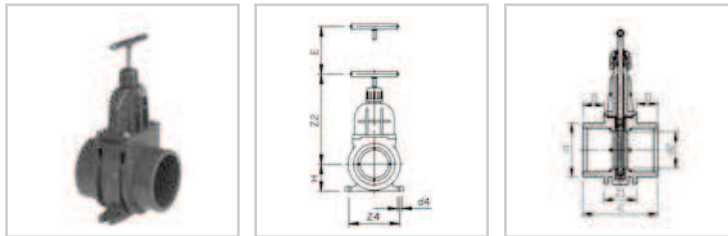
Schuijfsluiter
 Absperrschieber
 Vanne à Guillotine
 Valvula Ghigliottina
 Válvula de guillotina



| ART.CODE | d1 | d2 | d4 | Z1 | Z2 | Z4 | B | C | E | H | P max | QUANTITY |
|----------|-----|----|----|----|-----|-----|----|-----|-----|------|-------|----------|
| 6.80.050 | 50 | 42 | 7 | 29 | 139 | 76 | 31 | 91 | 52 | 40 | 3 | 25 |
| 6.80.063 | 63 | 54 | 9 | 38 | 164 | 98 | 38 | 114 | 65 | 51.5 | 2 | 12 |
| 6.80.075 | 75 | 64 | 9 | 39 | 187 | 112 | 44 | 127 | 73 | 57.5 | 1.5 | 8 |
| 6.80.090 | 90 | 76 | 9 | 45 | 218 | 138 | 51 | 148 | 91 | 71 | 1 | 6 |
| 6.80.110 | 110 | 92 | 9 | 55 | 250 | 158 | 61 | 177 | 108 | 81 | 1 | 4 |

SLIDE VALVE

Schuijfsluiter DUL
 Absperrschieber DUL
 Vanne à Guillotine DUL
 Valvula Ghigliottina DUL
 Válvula de guillotina DUL

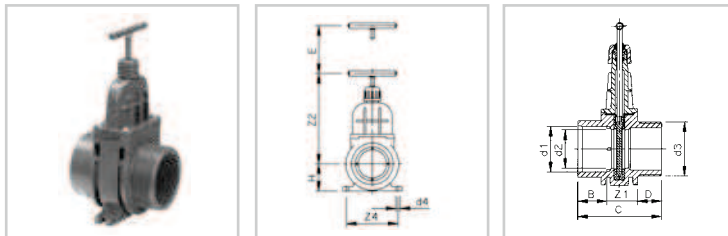


Male solvent weld
 Uitwendige lijmverbinding
 Klebestutzen
 À coller male
 Maschio per incollaggio
 Encolor macho

| ART.CODE | d | d2 | d4 | Z1 | Z2 | Z4 | D | C | E | H | P max | QUANTITY |
|----------|-----|----|----|----|-----|-----|----|-----|-----|----|-------|----------|
| 6.82.125 | 125 | 92 | 9 | 78 | 250 | 158 | 69 | 216 | 108 | 81 | 1.0 | 25 |

SLIDE VALVE

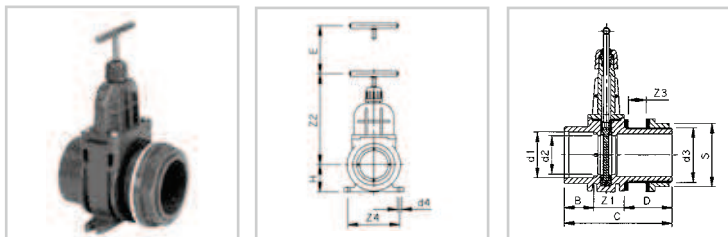
Schuijfsluiter
 Absperrschieber
 Vanne à Guillotine
 Valvula Ghigliottina
 Válvula de guillotina



| ART.CODE | d1 | d2 | d3 | d4 | Z1 | Z2 | Z4 | B | C | D | E | H | P max | QUANTITY |
|----------|----|----|---------|----|----|-----|-----|----|-----|----|----|------|-------|----------|
| 6.85.050 | 50 | 42 | 2" (M) | 7 | 34 | 139 | 76 | 31 | 92 | 27 | 52 | 40 | 3 | 25 |
| 6.85.063 | 63 | 54 | 2½" (M) | 9 | 44 | 164 | 98 | 38 | 113 | 31 | 65 | 51.5 | 2 | 12 |
| 6.85.075 | 75 | 64 | 3" (M) | 9 | 49 | 187 | 112 | 44 | 127 | 34 | 73 | 57.5 | 1.5 | 8 |

SLIDE VALVE

Schuijfsluiter
 Absperrschieber
 Vanne à Guillotine
 Valvula Ghigliottina
 Válvula de guillotina



| ART.CODE | d1 | d2 | d3 | d4 | Z1 | Z2 | Z3 | Z4 | B | C | D | E | S | H | P max | QTY |
|----------|-----|----|----------|----|----|-----|------|-----|----|-----|----|-----|-----|------|-------|-----|
| 6.90.050 | 50 | 42 | 2" (M) | 7 | 34 | 139 | 0-21 | 76 | 31 | 117 | 52 | 52 | 69 | 40 | 3 | 25 |
| 6.90.063 | 63 | 54 | 2½" (M) | 9 | 44 | 164 | 0-23 | 98 | 38 | 134 | 52 | 65 | 85 | 51.5 | 2 | 12 |
| 6.90.075 | 75 | 64 | 3" (M) | 9 | 49 | 187 | 0-20 | 112 | 44 | 148 | 55 | 73 | 100 | 57.5 | 1.5 | 8 |
| 6.90.090 | 90 | 76 | M113 (M) | 9 | 55 | 218 | 0-20 | 138 | 51 | 167 | 61 | 91 | 127 | 71 | 1 | 4 |
| 6.90.110 | 110 | 92 | M133 (M) | 9 | 65 | 250 | 0-22 | 158 | 61 | 192 | 66 | 108 | 147 | 81 | 1 | 4 |

REPLACEMENT KIT

Vervangset
Austauschset
Jeu de rechange
Kit di pezzi di ricambio
Kit recambio



| ART.CODE | DESCRIPTION | d1 |
|----------|--------------------------------------|-----|
| 6.45.050 | Kit for 6.80.050/ 6.85.050/ 6.90.050 | 50 |
| 6.45.063 | Kit for 6.80.063/ 6.85.063/ 6.90.063 | 63 |
| 6.45.075 | Kit for 6.80.075/ 6.85.075/ 6.90.075 | 75 |
| 6.45.090 | Kit for 6.80.090/ 6.90.090 | 90 |
| 6.45.110 | Kit for 6.80.110/ 6.90.110 | 110 |

EPDM

TECHNICAL DATA SLIDE VALVE

Technische info schuifafsluiter
Technische Daten Absperrschieber
Caractéristiques techniques vanne à guillotine
Dati tecnici val-vula ghigliottina
Información técnico valvula de guillotina

P max

Maximum pressure, at which manual operation of the slide remains possible.
Maximale druk, waarbij handbediening van de schuif mogelijk blijft.
Maximale Druck, wobei der Handbetrieb von dem Absperrer möglich bleibt.
Pression maximale, pres de laquell la commande de la guillotine reste possible.
Pressione massima, con mantenimento del controllo manuale della slitta.
Máxima presión sin pérdida de control manual del mecanismo de válvula corredera.

Data/ Informatie/ Daten/ Caractéristiques/ Dati/ Información

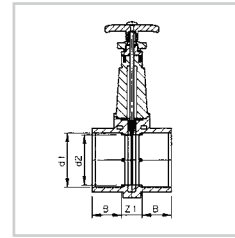
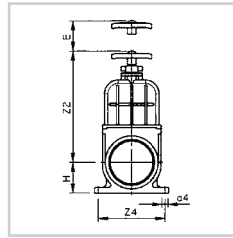
Easy maintenance, retractable seal.
Eenvoudig onderhoud door uitneembare pakking.
Einfache Wartung durch herausnehmbare Dichtung.
Entretien simple par joint démontable.
Facilità di manutenzione grazie alla guarnizione rimovibile.
Mantenimiento sencillo gracias a su car casa extraíble.

Leak free in all positions.
Lekvrij in alle posities.
Lecksicher in allen Positionen.
Étanche dans toutes les positions.
A prova di perdita in tutte le posizioni.
Estanqueidad garantizada en todas las posiciones.

Adjustable seal on spindle.
Nastelbare pakking langs bedieningsas.
Herstellbare Dichtung entlang der Betriebsachse.
Joint remontable sur l'arbre de commande.
Ulteriore regolazione dellaguarnizione lungo l'albero di controllo.
Empaquetadura reajustable a lo largo del eje de maniobra.

MES SLIDE VALVE

MES Schuifafsluiter
 MES Absperrschieber
 Vanne à Guillotine MES
 Valvula Ghigliottina MES
 Válvula de guillotina MES



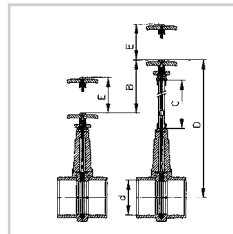
Female solvent weld
 Inwendige lijmverbinding
 Klebemuffe
 À coller femelle
 Femmina per incollaggio
 Encolor hembra



| ART.CODE | d1 | d2 | d4 | Z1 | Z2 | Z4 | B | E | H | P max | QUANTITY |
|----------|-----|-----|----|----|-----|-----|-----|-----|-----|-------|----------|
| 6.80.111 | 110 | 92 | 9 | 54 | 290 | 158 | 61 | 107 | 81 | 0.5 | 4 |
| 6.80.161 | 160 | 150 | 11 | 55 | 388 | 240 | 86 | 165 | 108 | 0.5 | 1 |
| 6.80.201 | 200 | 192 | 13 | 48 | 450 | 275 | 107 | 200 | 128 | 0.5 | 1 |

MES SLIDE VALVE EXTENDED

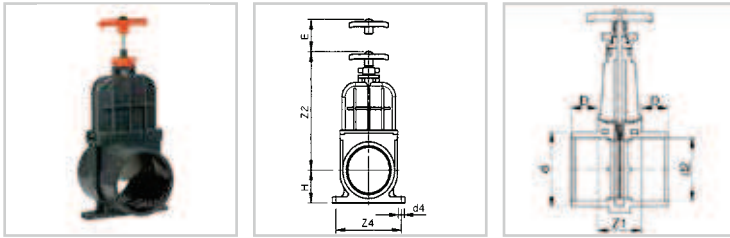
MES Schuifafsluiter verlengd
 MES Absperrschieber Verlängerung
 Vanne à Guillotine MES prolongée
 Estesto Valvula Ghigliottina MES
 Extendido Válvula de guillotina MES



| ART.CODE | d | B | C | D | E | P max | QUANTITY |
|------------|-----|------|------|------|-----|-------|----------|
| 6.80.111.1 | 110 | 500 | 478 | 788 | 107 | 0.5 | 1 |
| 6.80.111.2 | 110 | 1000 | 978 | 1288 | 107 | 0.5 | 1 |
| 6.80.111.3 | 110 | 1500 | 1478 | 1788 | 107 | 0.5 | 1 |
| 6.80.111.4 | 110 | 2000 | 1978 | 2288 | 107 | 0.5 | 1 |
| 6.80.161.1 | 160 | 500 | 478 | 888 | 163 | 0.5 | 1 |
| 6.80.161.2 | 160 | 1000 | 978 | 1388 | 163 | 0.5 | 1 |
| 6.80.161.3 | 160 | 1500 | 1478 | 1888 | 163 | 0.5 | 1 |
| 6.80.161.4 | 160 | 2000 | 1978 | 2388 | 163 | 0.5 | 1 |
| 6.80.201.1 | 200 | 500 | 478 | 950 | 200 | 0.5 | 1 |
| 6.80.201.2 | 200 | 1000 | 978 | 1450 | 200 | 0.5 | 1 |
| 6.80.201.3 | 200 | 1500 | 1478 | 1950 | 200 | 0.5 | 1 |
| 6.80.201.4 | 200 | 2000 | 1978 | 2450 | 200 | 0.5 | 1 |

MES SLIDE VALVE DUL

MES Schuifafsluiter DUL
 MES Absperrschieber DUL
 Vanne à Guillotine MES DUL
 Valvula Ghigliottina MES DUL
 Válvula de guillotina MES DUL



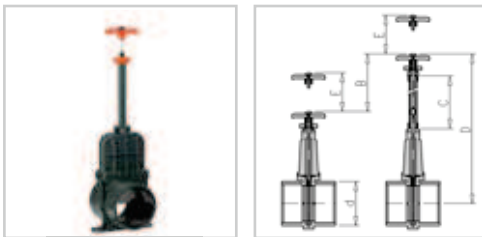
| ART.CODE | d | d2 | d4 | Z1 | Z2 | Z4 | D | E | H | P max | QUANTITY |
|----------|-----|----|----|----|-----|-----|----|-----|----|-------|----------|
| 6.82.126 | 125 | 92 | 9 | 78 | 290 | 158 | 69 | 107 | 81 | 0.5 | 4 |



Male solvent weld
 Uitwendige lijmverbinding
 Klebestutzen
 À coller male
 Maschio per incollaggio
 Encolor macho

MES SLIDE VALVE DUL EXTENDED

MES Schuifafsluiter DUL verlengd
 MES Absperrschieber DUL Verlängerung
 Vanne à Guillotine MES DUL prolongée
 Estesto Valvula Ghigliottina MES DUL
 Extendido Válvula de guillotina MES DUL

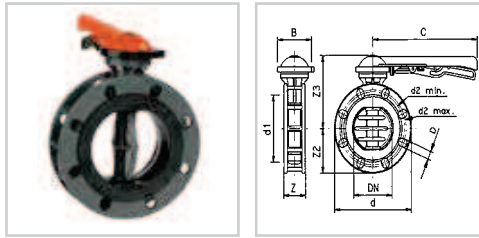


| ART.CODE | d | B | C | D | E | P max | QUANTITY |
|------------|-----|------|------|------|-----|-------|----------|
| 6.82.126.1 | 125 | 500 | 478 | 788 | 107 | 0.5 | 1 |
| 6.82.126.2 | 125 | 1000 | 978 | 1288 | 107 | 0.5 | 1 |
| 6.82.126.3 | 125 | 1500 | 1478 | 1788 | 107 | 0.5 | 1 |
| 6.82.126.4 | 125 | 2000 | 1978 | 2288 | 107 | 0.5 | 1 |



BUTTERFLY VALVE

Vlinderklep
Absperrklappe
Vanne à papillon
Valvola a farfalla
Válvula de mariposa

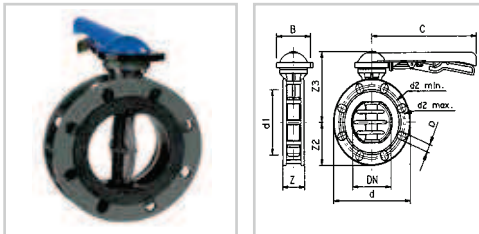


| ART.CODE | Dia | DN | d | d1 | d2 | Z | Z2 | Z3 | B | C | NxD | PN | QUANTITY |
|----------|-----|-----|-----|-----|---------|----|-------|-----|-----|-----|------|----|----------|
| 6.70.075 | 75 | 65 | 185 | 106 | 128/144 | 53 | 92.5 | 174 | 108 | 270 | 4x19 | 10 | 1 |
| 6.70.090 | 90 | 80 | 200 | 125 | 145/160 | 56 | 100 | 181 | 108 | 270 | 8x19 | 10 | 1 |
| 6.70.110 | 110 | 100 | 220 | 150 | 165/190 | 63 | 110 | 192 | 108 | 270 | 8x19 | 10 | 1 |
| 6.70.140 | 140 | 125 | 250 | 188 | 204/215 | 71 | 125 | 203 | 108 | 340 | 8x23 | 10 | 1 |
| 6.70.160 | 160 | 150 | 285 | 214 | 230/242 | 78 | 142.5 | 221 | 108 | 340 | 8x23 | 6 | 1 |
| 6.70.225 | 225 | 200 | 340 | 266 | 280/298 | 81 | 170 | 289 | 150 | 420 | 8x23 | 6 | 1 |



BUTTERFLY VALVE

Vlinderklep
Absperrklappe
Vanne à papillon
Valvola a farfalla
Válvula de mariposa

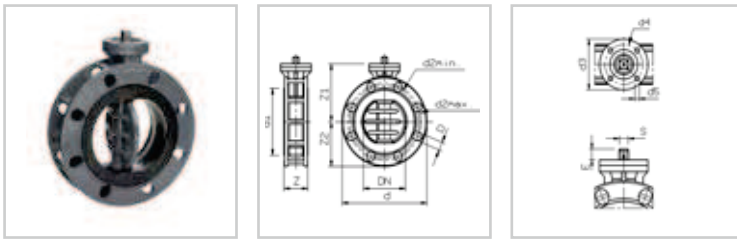


| ART.CODE | Dia | DN | d | d1 | d2 | Z | Z2 | Z3 | B | C | NxD | PN | QUANTITY |
|----------|-----|-----|-----|-----|---------|----|-------|-----|-----|-----|------|----|----------|
| 6.70.076 | 75 | 65 | 185 | 106 | 128/144 | 53 | 92.5 | 174 | 108 | 270 | 4x19 | 10 | 1 |
| 6.70.091 | 90 | 80 | 200 | 125 | 145/160 | 56 | 100 | 181 | 108 | 270 | 8x19 | 10 | 1 |
| 6.70.111 | 110 | 100 | 220 | 150 | 165/190 | 63 | 110 | 192 | 108 | 270 | 8x19 | 10 | 1 |
| 6.70.141 | 140 | 125 | 250 | 188 | 204/215 | 71 | 125 | 203 | 108 | 340 | 8x23 | 10 | 1 |
| 6.70.161 | 160 | 150 | 285 | 214 | 230/242 | 78 | 142.5 | 221 | 108 | 340 | 8x23 | 6 | 1 |
| 6.70.226 | 225 | 200 | 340 | 266 | 280/298 | 81 | 170 | 289 | 150 | 420 | 8x23 | 6 | 1 |



BUTTERFLY VALVE WITHOUT HANDLE

Vlinderklep zonder handgreep
 Absperrklappe ohne Griff
 Vanne à papillon sans poignée
 Valvola a farfalla senza maniglia
 Válvula de mariposa sin de encargarse

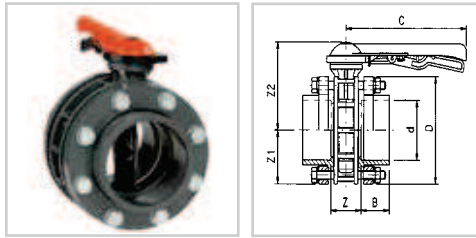


| ART.CODE | Dia | DN | d | d1 | d2 | Z | Z2 | Z3 | NxD | PN | QUANTITY |
|-----------|-----|-----|-----|-----|---------|----|-------|-----|------|----|----------|
| SPE670075 | 75 | 65 | 185 | 106 | 128/144 | 53 | 92.5 | 174 | 4x19 | 10 | 1 |
| SPE670090 | 90 | 80 | 200 | 125 | 145/160 | 56 | 100 | 181 | 8x19 | 10 | 1 |
| SPE670110 | 110 | 100 | 220 | 150 | 165/190 | 63 | 110 | 192 | 8x19 | 10 | 1 |
| SPE670140 | 140 | 125 | 250 | 188 | 204/215 | 71 | 125 | 203 | 8x23 | 10 | 1 |
| SPE670160 | 160 | 150 | 285 | 214 | 230/242 | 78 | 142.5 | 221 | 8x23 | 6 | 1 |
| SPE670225 | 225 | 200 | 340 | 266 | 280/298 | 81 | 170 | 289 | 8x23 | 6 | 1 |

| ART.CODE | Dia | d3 | d4 | d5 | E | S | Torque [min.] | ISO 5211 |
|-----------|-----|-----|-----|-----|----|----|---------------|----------------------|
| SPE670075 | 75 | 90 | 70 | 8.5 | 11 | 11 | 20 Nm | F05/F07 - Y - L - 11 |
| SPE670090 | 90 | 90 | 70 | 8.5 | 15 | 14 | 30 Nm | F05/F07 - Y - L - 14 |
| SPE670110 | 110 | 90 | 70 | 8.5 | 15 | 14 | 60 Nm | F05/F07 - Y - L - 14 |
| SPE670140 | 140 | 90 | 70 | 8.5 | 19 | 17 | 100 Nm | F07 - Y - L - 17 |
| SPE670160 | 160 | 90 | 70 | 8.5 | 19 | 17 | 120 Nm | F07 - Y - L - 17 |
| SPE670225 | 225 | 125 | 102 | 11 | 23 | 22 | 180 Nm | F10 - Y - L - 22 |

BUTTERFLY VALVE WITH KIT

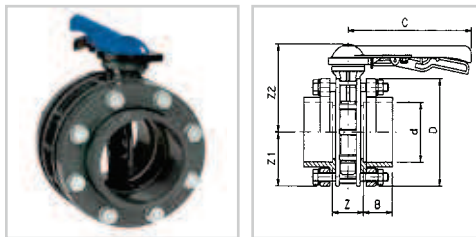
Vlinderklep met kit
 Abspercklappe mit kit
 Vanne à papillon avec kit
 Valvola a farfalla con kit
 Válvula de mariposa con kit



| ART.CODE | d | DN | D | Z | Z1 | Z2 | B | C | PN | QUANTITY |
|----------|-----|-----|-----|-----|-------|-----|-----|-----|----|----------|
| 6.78.063 | 63 | 65 | 185 | 77 | 92.5 | 174 | 38 | 270 | 10 | 2 |
| 6.78.075 | 75 | 65 | 185 | 59 | 92.5 | 174 | 44 | 270 | 10 | 2 |
| 6.78.090 | 90 | 80 | 200 | 66 | 100 | 181 | 51 | 270 | 10 | 2 |
| 6.78.110 | 110 | 100 | 220 | 79 | 110 | 192 | 61 | 270 | 10 | 1 |
| 6.78.125 | 125 | 125 | 250 | 113 | 125 | 203 | 69 | 340 | 10 | 1 |
| 6.78.140 | 140 | 125 | 250 | 81 | 125 | 203 | 76 | 340 | 10 | 1 |
| 6.78.160 | 160 | 150 | 285 | 88 | 142.5 | 221 | 86 | 340 | 6 | 1 |
| 6.78.200 | 200 | 200 | 340 | 149 | 170 | 289 | 106 | 420 | 6 | 1 |
| 6.78.225 | 225 | 200 | 340 | 95 | 170 | 289 | 119 | 420 | 6 | 1 |

BUTTERFLY VALVE WITH KIT

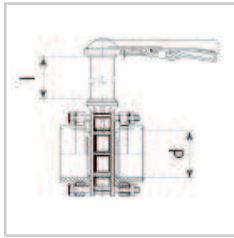
Vlinderklep met kit
 Abspercklappe mit kit
 Vanne à papillon avec kit
 Valvola a farfalla con kit
 Válvula de mariposa con kit



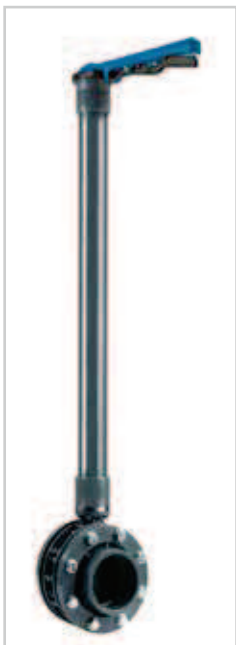
| ART.CODE | d | DN | D | Z | Z1 | Z2 | B | C | PN | QUANTITY |
|----------|-----|-----|-----|-----|-------|-----|-----|-----|----|----------|
| 6.78.064 | 63 | 65 | 185 | 77 | 92.5 | 174 | 38 | 270 | 10 | 2 |
| 6.78.076 | 75 | 65 | 185 | 59 | 92.5 | 174 | 44 | 270 | 10 | 2 |
| 6.78.091 | 90 | 80 | 200 | 66 | 100 | 181 | 51 | 270 | 10 | 2 |
| 6.78.111 | 110 | 100 | 220 | 79 | 110 | 192 | 61 | 270 | 10 | 1 |
| 6.78.126 | 125 | 125 | 250 | 113 | 125 | 203 | 69 | 340 | 10 | 1 |
| 6.78.141 | 140 | 125 | 250 | 81 | 125 | 203 | 76 | 340 | 10 | 1 |
| 6.78.161 | 160 | 150 | 285 | 88 | 142.5 | 221 | 86 | 340 | 6 | 1 |
| 6.78.201 | 200 | 200 | 340 | 149 | 170 | 289 | 106 | 420 | 6 | 1 |
| 6.78.226 | 225 | 200 | 340 | 95 | 170 | 289 | 119 | 420 | 6 | 1 |

EXTENDED BUTTERFLY VALVE WITH KIT

Verlengde vlinderklep met kit
 Absperrklappe verlängert mit kit
 Vanne à papillon prolongé avec kit
 Esteso valvola a farfalla con kit
 Extendido válvula de mariposa con kit



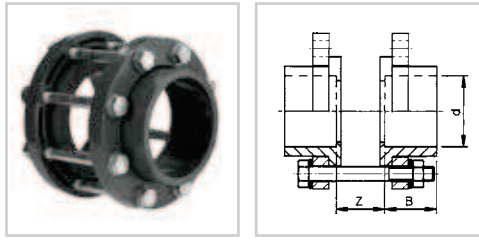
| ART.CODE | d | L | QUANTITY |
|------------|-----|------|----------|
| 6.79.063.2 | 63 | 1000 | 1 |
| 6.79.063.3 | 63 | 1500 | 1 |
| 6.79.075.2 | 75 | 1000 | 1 |
| 6.79.075.3 | 75 | 1500 | 1 |
| 6.79.090.2 | 90 | 1000 | 1 |
| 6.79.090.3 | 90 | 1500 | 1 |
| 6.79.110.2 | 110 | 1000 | 1 |
| 6.79.110.3 | 110 | 1500 | 1 |
| 6.79.125.2 | 125 | 1000 | 1 |
| 6.79.125.3 | 125 | 1500 | 1 |
| 6.79.140.2 | 140 | 1000 | 1 |
| 6.79.140.3 | 140 | 1500 | 1 |
| 6.79.160.2 | 160 | 1000 | 1 |
| 6.79.160.3 | 160 | 1500 | 1 |
| 6.79.200.2 | 200 | 1000 | 1 |
| 6.79.200.3 | 200 | 1500 | 1 |
| 6.79.225.2 | 225 | 1000 | 1 |
| 6.79.225.3 | 225 | 1500 | 1 |



| ART.CODE | d | L | QUANTITY |
|------------|-----|------|----------|
| 6.79.064.2 | 63 | 1000 | 1 |
| 6.79.064.3 | 63 | 1500 | 1 |
| 6.79.076.2 | 75 | 1000 | 1 |
| 6.79.076.3 | 75 | 1500 | 1 |
| 6.79.091.2 | 90 | 1000 | 1 |
| 6.79.091.3 | 90 | 1500 | 1 |
| 6.79.111.2 | 110 | 1000 | 1 |
| 6.79.111.3 | 110 | 1500 | 1 |
| 6.79.126.2 | 125 | 1000 | 1 |
| 6.79.126.3 | 125 | 1500 | 1 |
| 6.79.141.2 | 140 | 1000 | 1 |
| 6.79.141.3 | 140 | 1500 | 1 |
| 6.79.161.2 | 160 | 1000 | 1 |
| 6.79.161.3 | 160 | 1500 | 1 |
| 6.79.201.2 | 200 | 1000 | 1 |
| 6.79.201.3 | 200 | 1500 | 1 |
| 6.79.226.2 | 225 | 1000 | 1 |
| 6.79.226.3 | 225 | 1500 | 1 |

KIT FOR BUTTERFLY VALVE

Kit voor Vlinderklep
 Kit für Absperrklappe
 Kit pour vanne à papillon
 Kit para valvola a farfalla
 Kit para válvula de mariposa



| ART.CODE | d | DN | Z | B | QUANTITY |
|----------|-----|-----|-----|-----|----------|
| 6.76.063 | 63 | 65 | 77 | 38 | 1 |
| 6.76.075 | 75 | 65 | 59 | 44 | 1 |
| 6.76.090 | 90 | 80 | 66 | 51 | 1 |
| 6.76.110 | 110 | 100 | 79 | 61 | 1 |
| 6.76.125 | 125 | 125 | 113 | 69 | 1 |
| 6.76.140 | 140 | 125 | 81 | 76 | 1 |
| 6.76.160 | 160 | 150 | 88 | 86 | 1 |
| 6.76.200 | 200 | 200 | 149 | 106 | 1 |
| 6.76.225 | 225 | 200 | 95 | 119 | 1 |

PVC-U



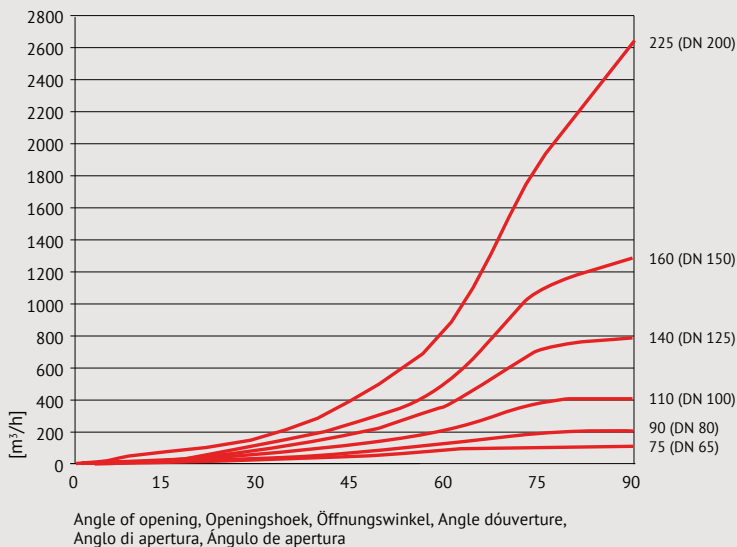
TECHNICAL DATA BUTTERFLY VALVE

Technische info vlinderklep
 Technische Daten Absperrklappe
 Caractéristiques techniques vanne à papillon
 Dati tecnici val-vula a farfalla
 Información técnico válvula de mariposa

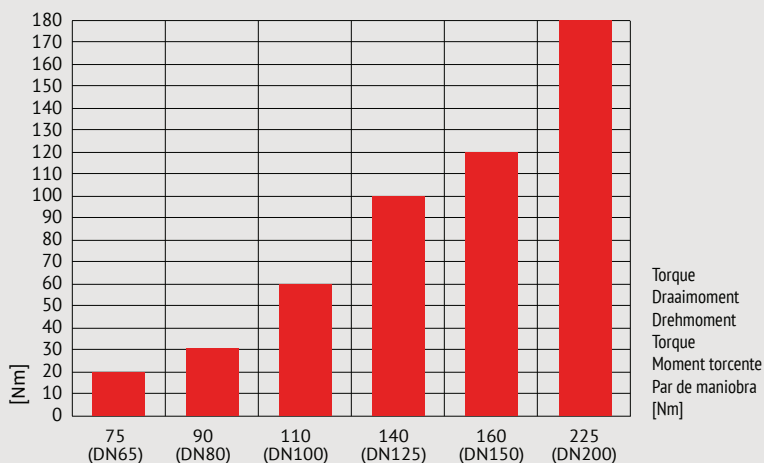
Data/ Informatie/ Daten/ Caractéristiques/ Dati/ Información

| | | | |
|------------|-----------------|------------|--------------------|
| Body | : PVC-U | Corps | : PVC-U |
| Seals | : EPDM | Garniture: | EPDM |
| Shaft | : INOX 316 | Tige | : INOXIDABLE 316 |
| | | | |
| Huis | : PVC-U | Corpo | : PVC-U |
| Afdichting | : EPDM | Tenute | : EPDM |
| As | : RVS 316 | Stelo | : ACCIAIO INOX 316 |
| | | | |
| Gehäuse | : PVC-U | Cuerpo | : PVC-U |
| Dichtungen | : EPDM | Juntas | : EPDM |
| Welle | : EDELSTAHL 316 | Eje | : INOX 316 |

Kv-Value/ Kv-Waarde/ Kv-Wert/ Kv-Value/ Valore Kv/ Valor Kv

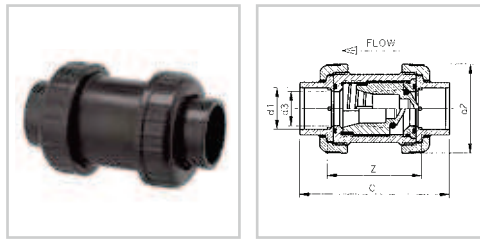


Torque/ Draaimoment/ Drehmoment/ Torque/ Momente torcente/ Par de maniobra



CHECK VALVE

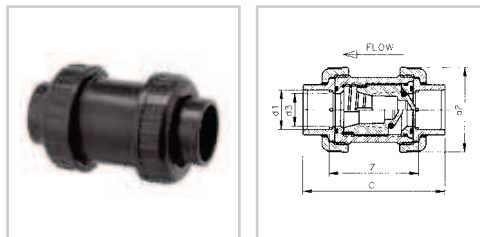
Terugslagklep
Rückschlagventil
Soupape de retenue
Valvola diritegno
Vulvelas antiretorno



| ART.CODE | d1 | d2 | d3 | Z | C | DN | PN | P | Kv | QUANTITY |
|----------|-----|-------|----|------|-------|-----|----|------|------|----------|
| 6.60.016 | 16 | 43 | 10 | 46 | 75 | 10 | 16 | 0.05 | 61 | 50 |
| 6.60.020 | 20 | 59 | 17 | 58 | 91 | 15 | 16 | 0.05 | 147 | 50 |
| 6.60.025 | 25 | 64 | 22 | 62.5 | 101.5 | 20 | 16 | 0.05 | 263 | 50 |
| 6.60.032 | 32 | 73 | 27 | 75.5 | 120.5 | 25 | 16 | 0.05 | 388 | 50 |
| 6.60.040 | 40 | 86 | 33 | 90 | 143 | 32 | 16 | 0.05 | 682 | 30 |
| 6.60.050 | 50 | 102 | 40 | 108 | 171 | 40 | 16 | 0.05 | 1052 | 10 |
| 6.60.063 | 63 | 124 | 50 | 132 | 210 | 50 | 16 | 0.05 | 1658 | 10 |
| 6.60.075 | 75 | 151 | 67 | 164 | 252 | 65 | 10 | 0.10 | 1933 | 1 |
| 6.60.090 | 90 | 178.5 | 83 | 188 | 291 | 80 | 10 | 0.10 | 3166 | 1 |
| 6.60.110 | 110 | 215.5 | 99 | 225 | 348 | 100 | 10 | 0.10 | 4650 | 1 |

CHECK VALVE

Terugslagklep
Rückschlagventil
Soupape de retenue
Valvola diritegno
Vulvelas antiretorno



| ART.CODE | d1 | d2 | d3 | Z | C | DN | PN | P | Kv | QUANTITY |
|----------|-----|-------|----|------|-------|-----|----|------|------|----------|
| 6.61.016 | 16 | 43 | 10 | 46 | 75 | 10 | 16 | 0.05 | 61 | 50 |
| 6.61.020 | 20 | 59 | 17 | 58 | 91 | 15 | 16 | 0.05 | 147 | 50 |
| 6.61.025 | 25 | 64 | 22 | 62.5 | 101.5 | 20 | 16 | 0.05 | 263 | 50 |
| 6.61.032 | 32 | 73 | 27 | 75.5 | 120.5 | 25 | 16 | 0.05 | 388 | 50 |
| 6.61.040 | 40 | 86 | 33 | 90 | 143 | 32 | 16 | 0.05 | 682 | 30 |
| 6.61.050 | 50 | 102 | 40 | 108 | 171 | 40 | 16 | 0.05 | 1052 | 10 |
| 6.61.063 | 63 | 124 | 50 | 132 | 210 | 50 | 16 | 0.05 | 1658 | 10 |
| 6.61.075 | 75 | 151 | 67 | 164 | 252 | 65 | 10 | 0.10 | 1933 | 1 |
| 6.61.090 | 90 | 178.5 | 83 | 188 | 291 | 80 | 10 | 0.10 | 3166 | 1 |
| 6.61.110 | 110 | 215.5 | 99 | 225 | 348 | 100 | 10 | 0.10 | 4650 | 1 |

P

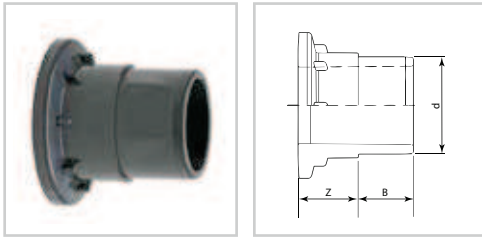
Opening pressure
Openingsdruk
Öffnungsdruck
Pression d'ouverture
Pressione in apertura
Presión de apertura

Kv

Flow [l/min] at which Δp is 1 bar, determined according to DIN EN 60534-2-3.
Flow [l/min] waarbij Δp is 1 bar, bepaald volgens DIN EN 60534-2-3.
Fluss [l/min] wobei Δp 1 bar ist, festgesetzt zufolge DIN EN 60534-2-3.
Courant [l/min] par lequel Δp est 1 bar, déterminé par DIN EN 60534-2-3.
Corrente [l/min] fra cui Δp é 1 bar, determinato secondo DIN EN 60534-2-3.
Caudal [l/min] con un Δp de 1 bar, determinado según DIN EN 60534-2-3.

COLLAR MALE SPIGOT (OPTION)

Inlegstuk uitwendig lijm
 Bundbuchse Klebestutzen
 Collet à coller male
 Collare maschio
 Portabrida encolar macho

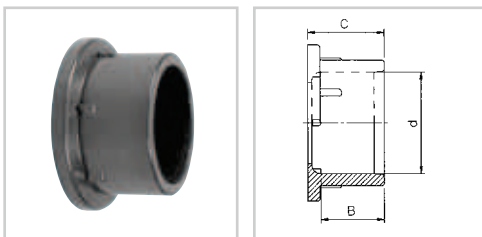


| ART.CODE | d | Z | B | DN | QUANTITY |
|----------|----|----|----|----|----------|
| 6.25.050 | 50 | 33 | 31 | 40 | 1 |
| 6.25.063 | 63 | 39 | 38 | 50 | 1 |



COLLAR SOLVENT SOCKET (PARTS)

Inlegstuk inwendig lijm
 Bundbuchse Klebemuffe
 Collet à coller femelle
 Collare a attacchi incollaggio
 Portabrida encolar

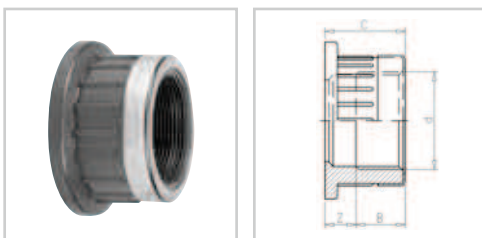


| ART.CODE | d | B | C | DN | QUANTITY |
|----------|-----|----|------|-----|----------|
| 6.26.016 | 16 | 14 | 20.5 | 10 | 50 |
| 6.26.020 | 20 | 16 | 20.5 | 15 | 50 |
| 6.26.025 | 25 | 19 | 23.5 | 20 | 50 |
| 6.26.032 | 32 | 22 | 27.5 | 25 | 50 |
| 6.26.040 | 40 | 26 | 32.0 | 32 | 25 |
| 6.26.050 | 50 | 31 | 38.0 | 40 | 20 |
| 6.26.063 | 63 | 38 | 49.0 | 50 | 20 |
| 6.26.075 | 75 | 44 | 54.5 | 65 | 10 |
| 6.26.090 | 90 | 51 | 63.0 | 80 | 10 |
| 6.26.110 | 110 | 61 | 76.5 | 100 | 10 |



COLLAR FEMALE THREADED (OPTION)

Inlegstuk inwendig draad
 Bundbuchse Innengewinde
 Collet taraudé
 Collare attacchi filetati femmina
 Portabrida encolar rosca hembra

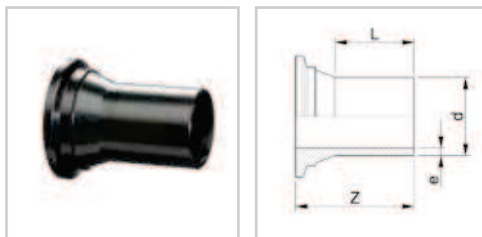


| ART.CODE | d | B | C | Z | DN | QUANTITY |
|----------|------------|----|------|------|-----|----------|
| 6.30.016 | 3/8" (F) | 13 | 20.5 | 7.5 | 10 | 50 |
| 6.30.020 | 1/2" (F) | 17 | 20.5 | 3.5 | 15 | 50 |
| 6.30.025 | 3/4" (F) | 19 | 23.5 | 4.5 | 20 | 50 |
| 6.30.032 | 1" (F) | 21 | 27.5 | 6.5 | 25 | 50 |
| 6.30.040 | 1 1/4" (F) | 21 | 32.0 | 11 | 32 | 25 |
| 6.30.050 | 1 1/2" (F) | 29 | 38.0 | 9 | 40 | 20 |
| 6.30.063 | 2" (F) | 32 | 49.0 | 17 | 50 | 20 |
| 6.30.075 | 2 1/2" (F) | 36 | 54.5 | 18.5 | 65 | 10 |
| 6.30.090 | 3" (F) | 39 | 63.0 | 24 | 80 | 10 |
| 6.30.110 | 4" (F) | 46 | 76.5 | 30.5 | 100 | 10 |



PE CONNECTOR FOR CHECK VALVE (OPTION)

PE inlegdeel voor terugslagklep
PE Einlegeteil für Rückschlagventil
Pièce folle en PE pour soupape de retenue
Collare PE valvola diritegno
Portabrida PE válvula antiretorno



| ART.CODE | d | Z | L | e | SDR | (bar) P* | QUANTITY |
|----------|----|-----|----|-----|-----|----------|----------|
| 6.31.020 | 20 | 67 | 45 | 2.0 | 11 | 12.5 | 25 |
| 6.31.025 | 25 | 68 | 45 | 2.3 | 11 | 12.5 | 25 |
| 6.31.032 | 32 | 71 | 45 | 3.0 | 11 | 12.5 | 25 |
| 6.31.040 | 40 | 80 | 50 | 3.7 | 11 | 12.5 | 15 |
| 6.31.050 | 50 | 89 | 57 | 4.6 | 11 | 12.5 | 10 |
| 6.31.063 | 63 | 105 | 70 | 5.8 | 11 | 12.5 | 5 |
| 6.31.064 | 63 | 105 | 70 | 3.8 | 17 | 7.5 | 5 |
| 6.31.075 | 75 | 123 | 81 | 6.8 | 11 | 7.5 | 5 |
| 6.31.076 | 75 | 123 | 81 | 4.5 | 17 | 7.5 | 5 |
| 6.31.090 | 90 | 137 | 90 | 8.2 | 11 | 7.5 | 3 |
| 6.31.091 | 90 | 137 | 90 | 5.4 | 17 | 7.5 | 3 |

*Remarks

- Maximum working pressure (P) for water at 20°C and constant load.
- For use at higher temperatures or varying loads, additional reduction factors must be taken into account.

*Opmerkingen

- Maximale werkdruk (P) voor water van 20°C en bij constante belasting.
- Voor gebruik bij hogere temperaturen of wisselende belastingen moet rekening gehouden worden met extra reductiefactoren.

*Bemerkungen

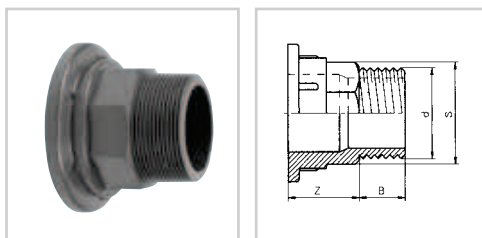
- Maximaler Betriebsdruck (P) für Wasser bei 20°C und bei konstanter Belastung.
- Für Einsatz bei höheren Temperaturen oder wechselnden Belastung müssen zusätzliche Reduktionsfaktoren berücksichtigt werden.

*Remarques

- Pression de service maximale (P) pour l'eau à 20°C et à charge constante.
- Pour utilisation à des températures élevées ou des charges variables, des facteurs de réduction additional doit être pris en compte.

COLLAR MALE THREADED (OPTION)

Inlegstuk uitwendig draad
Bundbuchse Aussengewinde
Collet fileté
Collare attacchi filetati maschio
Portabrida encolar rosca macho



| ART.CODE | d | Z | B | S | DN | QUANTITY |
|----------|---------|----|----|----|----|----------|
| 6.32.020 | ½" (M) | 21 | 17 | 24 | 15 | 50 |
| 6.32.025 | ¾" (M) | 20 | 19 | 29 | 20 | 50 |
| 6.32.032 | 1" (M) | 25 | 21 | 36 | 25 | 50 |
| 6.32.040 | 1¼" (M) | 31 | 21 | 44 | 32 | 20 |
| 6.32.050 | 1½" (M) | 29 | 29 | 52 | 40 | 20 |
| 6.32.063 | 2" (M) | 36 | 32 | 63 | 50 | 20 |