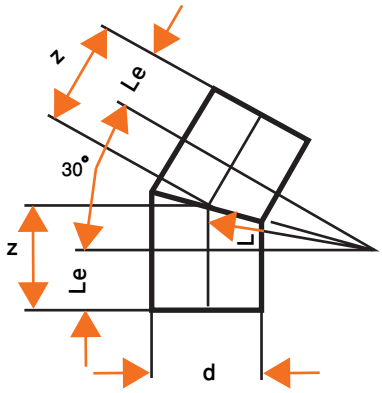
# Polyethylene Fitting Catalogue

www.parsethylene-kish.com

Pars Ethylene Kish Office
No.9 (Suit 6), Nour Alley, Africa St., Tehran/IRAN
Tel: ( +98 21 ) 88 67 79 65 - 88 67 79 66
( +98 21 ) 88 67 39 18 - 88 67 39 19

WEB SITE ADDRESS: WWW.PARSETHYLENE–KISH .COM

Pars Ethylene Kish




## Elbow 30°

| d | | Le | r 1) | z |
|---|---|---|---|---|
| mm | equiv inch | | | |
| 110 | 4 | 200 | 165 | 244 |
| 125 | 5 | | 188 | 250 |
| 140 | 51/2 | | 210 | 256 |
| 160 | 6 | | 240 | 264 |
| 180 | 7 | | 270 | 272 |
| 200 | 8 | | 300 | 280 |
| 225 | 9 | | 338 | 291 |
| 250 | 10 | 300 | 375 | 400 |
| 280 | 11 | | 420 | 412 |
| 315 | 12 | 350 | 473 | 478 |
| 355 | 14 | | 533 | 493 |
| 400 | 16 | | 600 | 511 |
| 450 | 18 | | 675 | 531 |
| 500 | 20 | 400 | 750 | 601 |
| 560 | 22 | | 840 | 625 |
| 630 | 25 | | 945 | 653 |
| 710 | 28 | | 1065 | 686 |
| 800 | 32 | | 1200 | 722 |
| 900 | 36 | 450 | 1350 | 812 |
| 1000 | 40 | | 1500 | 852 |

1) r = 1,5 d

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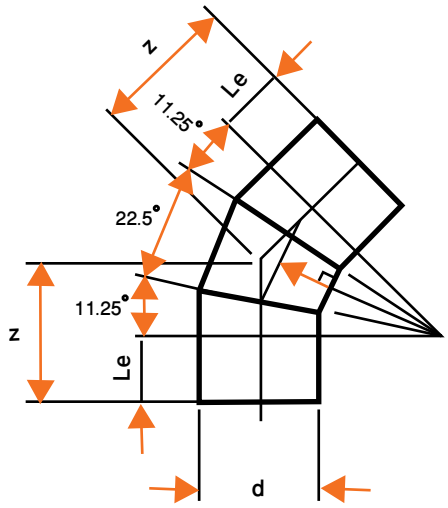


## Elbow 45°

| d | | Le | r 1) | z |
|---|---|---|---|---|
| mm | equiv inch | | | |
| 110 | 4 | 200 | 165 | 268 |
| 125 | 5 | | 188 | 278 |
| 140 | 51/2 | | 210 | 287 |
| 160 | 6 | | 240 | 299 |
| 180 | 7 | | 270 | 312 |
| 200 | 8 | | 300 | 324 |
| 225 | 9 | | 338 | 340 |
| 250 | 10 | 300 | 375 | 462 |
| 280 | 11 | | 420 | 474 |
| 315 | 12 | 350 | 473 | 548 |
| 355 | 14 | | 533 | 570 |
| 400 | 16 | | 600 | 598 |
| 450 | 18 | | 675 | 630 |
| 500 | 20 | 400 | 750 | 715 |
| 560 | 22 | | 840 | 748 |
| 630 | 25 | | 945 | 791 |
| 710 | 28 | | 1065 | 842 |
| 800 | 32 | | 1200 | 897 |
| 900 | 36 | 450 | 1350 | 1010 |
| 1000 | 40 | | 1500 | 1072 |

1) r = 1,5 d

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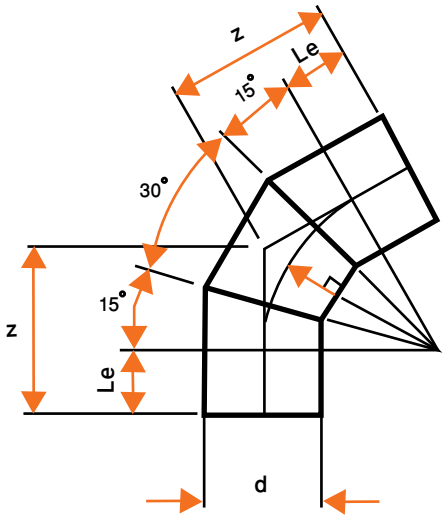


## Elbow 60°

| d | | Le | r 1) | z |
|---|---|---|---|---|
| mm | equiv inch | | | |
| 110 | 4 | 200 | 165 | 295 |
| 125 | 5 | | 188 | 308 |
| 140 | 51/2 | | 210 | 321 |
| 160 | 6 | | 240 | 338 |
| 180 | 7 | | 270 | 355 |
| 200 | 8 | | 300 | 373 |
| 225 | 9 | | 338 | 395 |
| 250 | 10 | 300 | 375 | 516 |
| 280 | 11 | | 420 | 542 |
| 315 | 12 | 350 | 473 | 626 |
| 355 | 14 | | 533 | 658 |
| 400 | 16 | | 600 | 696 |
| 450 | 18 | | 675 | 739 |
| 500 | 20 | 400 | 750 | 833 |
| 560 | 22 | | 840 | 885 |
| 630 | 25 | | 945 | 946 |
| 710 | 28 | | 1065 | 1015 |
| 800 | 32 | | 1200 | 1093 |
| 900 | 36 | 450 | 1350 | 1229 |
| 1000 | 40 | | 1500 | 1316 |

1) r = 1,5 d

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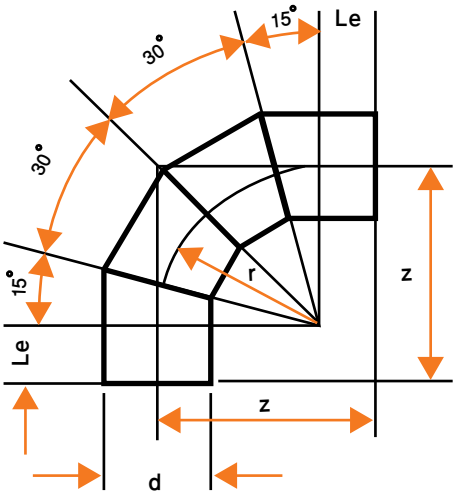


## Elbow 90°

| d | | Le | r 1) | z |
|---|---|---|---|---|
| mm | equiv inch | | | |
| 110 | 4 | 200 | 165 | 365 |
| 125 | 5 | | 188 | 388 |
| 140 | 51/2 | | 210 | 410 |
| 160 | 6 | | 240 | 440 |
| 180 | 7 | | 270 | 470 |
| 200 | 8 | | 300 | 500 |
| 225 | 9 | | 338 | 538 |
| 250 | 10 | 300 | 375 | 675 |
| 280 | 11 | | 420 | 720 |
| 315 | 12 | 350 | 473 | 823 |
| 355 | 14 | | 533 | 883 |
| 400 | 16 | | 600 | 950 |
| 450 | 18 | | 675 | 1025 |
| 500 | 20 | 400 | 750 | 1150 |
| 560 | 22 | | 840 | 1240 |
| 630 | 25 | | 945 | 1345 |
| 710 | 28 | | 1065 | 1465 |
| 800 | 32 | | 1200 | 1600 |
| 900 | 36 | 450 | 1350 | 1800 |
| 1000 | 40 | | 1500 | 1950 |

1) r = 1,5 d

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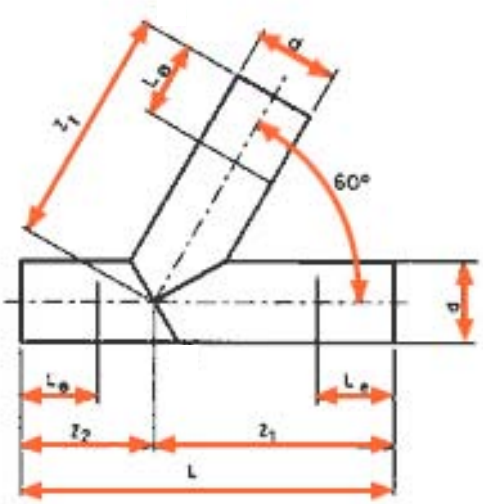
## Tee60




| d | | Le | L | Z1 | Z2 |
|---|---|---|---|---|---|
| mm | equiv inch | | | | |
| 110 | 4 | 200 | 600 | 375 | 225 |
| 125 | 5 | | 645 | 405 | 240 |
| 140 | 51/2 | | 681 | 425 | 256 |
| 160 | 6 | | 742 | 462 | 280 |
| 180 | 7 | | 800 | 500 | 300 |
| 200 | 8 | | 859 | 537 | 322 |
| 225 | 9 | | 930 | 580 | 350 |
| 250 | 10 | 300 | 1005 | 630 | 375 |
| 280 | 11 | | 1095 | 680 | 415 |
| 315 | 12 | 350 | 1190 | 740 | 450 |
| 355 | 14 | | 1255 | 780 | 475 |
| 400 | 16 | | 1350 | 850 | 500 |
| 450 | 18 | | 1425 | 900 | 525 |
| 500 | 20 | 400 | 1500 | 950 | 550 |
| 560 | 22 | | 1580 | 1000 | 580 |
| 630 | 25 | | 1645 | 1050 | 595 |
| 710 | 28 | | 1770 | 1140 | 630 |
| 800 | 32 | | 1910 | 1230 | 680 |
| 900 | 36 | 450 | 2090 | 1370 | 720 |
| 1000 | 40 | | 2170 | 1410 | 760 |
| 1200 | 48 | | 2500 | 1590 | 910 |
| 1)1400 | 56 | | 2750 | 1720 | 1030 |
| 1)1600 | 64 | | 3000 | 1880 | 1120 |

1) These values are not covered by the **DIN 16963** norm Part 2

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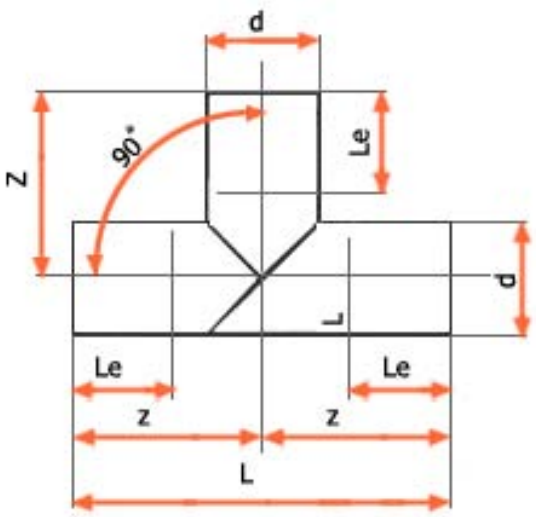
# Tee90



| mm | equiv inch | Le | L | z |
|---|---|---|---|---|
| 110 | 4 | 200 | 510 | 255 |
| 125 | 5 | | 530 | 265 |
| 140 | 51/2 | | 540 | 270 |
| 160 | 6 | | 560 | 280 |
| 180 | 7 | | 580 | 290 |
| 200 | 8 | | 600 | 300 |
| 225 | 9 | | 630 | 315 |
| 250 | 10 | 300 | 850 | 425 |
| 280 | 11 | | 880 | 440 |
| 315 | 12 | 350 | 1020 | 510 |
| 355 | 14 | | 1060 | 530 |
| 400 | 16 | | 1100 | 550 |
| 450 | 18 | | 1150 | 575 |
| 500 | 20 | 400 | 1300 | 650 |
| 560 | 22 | | 1360 | 680 |
| 630 | 25 | | 1430 | 715 |
| 710 | 28 | | 1510 | 755 |
| 800 | 32 | | 1600 | 800 |
| 900 | 36 | 450 | 1800 | 900 |
| 1000 | 40 | | 1900 | 950 |
| 1200 | 48 | | 2100 | 1050 |
| 1)1400 | 56 | | 2300 | 1150 |
| 1)1600 | 64 | | 2500 | 1250 |

1) These values are not covered by the **DIN 16963** norm Part 2

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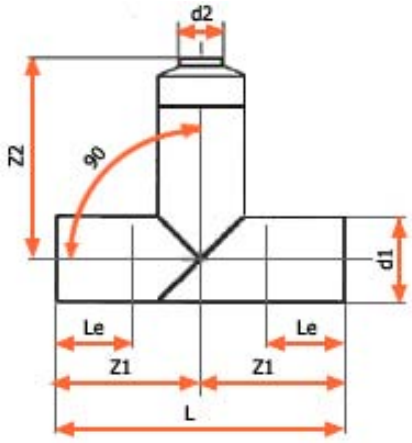
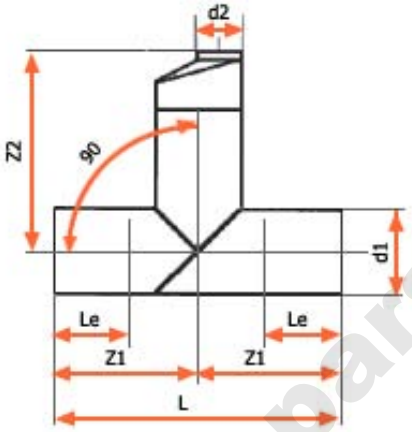
## Reducing 90º Tee

Tee Red C




Tee Red E




| d1 | | d2 | | Le | L | Z1 | Z2 |
|---|---|---|---|---|---|---|---|
| mm | equiv inch | | | | | | |
| 110 | 4 | 63 a | 90 | 200 | 510 | 255 | 453 |
| 125 | 5 | 63 a | 110 | | 530 | 265 | 463 |
| 140 | 51/2 | 75 a | 125 | | 540 | 270 | 468 |
| 160 | 6 | 90 a | 140 | | 560 | 280 | 478 |
| 180 | 7 | 90 a | 160 | | 580 | 290 | 486 |
| 200 | 8 | 110 a | 180 | | 600 | 300 | 496 |
| 225 | 9 | 125 a | 200 | | 630 | 315 | 511 |
| 250 | 10 | 125 a | 225 | 300 | 850 | 425 | 721 |
| 280 | 11 | 140 a | 250 | | 880 | 440 | 736 |
| 315 | 12 | 160 a | 280 | 350 | 1020 | 510 | 904 |
| 355 | 14 | 180 a | 315 | | 1060 | 530 | 924 |
| 400 | 16 | 200 a | 355 | | 1100 | 550 | 944 |
| 450 | 18 | 225 a | 400 | | 1150 | 575 | 969 |
| 500 | 20 | 250 a | 450 | 400 | 1300 | 650 | 1142 |
| 560 | 22 | 280 a | 500 | | 1360 | 680 | 1172 |
| 630 | 25 | 315 a | 560 | | 1430 | 715 | 1207 |
| 710 | 28 | 355 a | 630 | | 1510 | 755 | 1247 |
| 800 | 32 | 400 a | 710 | | 1600 | 800 | 1292 |
| 900 | 36 | 450 a | 800 | 450 | 1800 | 900 | 1490 |
| 1000 | 40 | 500 a | 900 | | 1900 | 950 | 1540 |
| 1200 | 48 | 630 a | 1000 | | 2100 | 1050 | 1640 |
| 1400 | 56 | 710 a | 1200 | | 2300 | 1150 | 1740 |
| 1600 | 64 | 800 a | 1400 | | 2500 | 1250 | 1840 |

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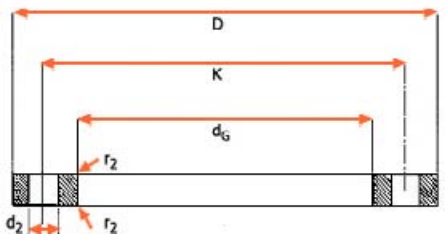
## Nominal pressure 1 & 2.5




| Nominal width | Nominal pressure 1 and 2.5 Bolts | | | | | |
|---|---|---|---|---|---|---|
| | D | dG | k | Quantity | Thread | d2 |
| 6<br>8<br>10 | Mating dimensions ,<br>See under nominal pressure 6 | | | | | |
| 15<br>20<br>25 | | | | | | |
| 32<br>40<br>50 | | | | | | |
| 65<br>80<br>100 | | | | | | |
| 125<br>150<br>(175) | | | | | | |
| 200<br>250<br>300 | | | | | | |
| 350<br>400<br>(450)<br>500 | | | | | | |
| 600<br>700<br>800 | | | | | | |
| 900<br>1000<br>1200 | 1375 | 1280 | 1320 | 302 | M27 | 30 |
| 1400<br>1600<br>1800 | 1575<br>1790<br>1990 | 1480<br>1690<br>1890 | 1520<br>1730<br>1930 | 36<br>40<br>44 | M27<br>M27<br>M27 | 30<br>30<br>30 |
| 2000<br>2200<br>2400 | 2190<br>2405<br>2605 | 2090<br>2295<br>2495 | 2130<br>2340<br>2540 | 48<br>52<br>56 | M27<br>M30<br>M30 | 30<br>33<br>33 |
| 2600<br>2800<br>3000 | 2805<br>3030<br>3230 | 2695<br>2910<br>3110 | 2740<br>2960<br>3160 | 60<br>64<br>68 | M30<br>M33<br>M33 | 33<br>36<br>36 |
| 3200<br>3400<br>3600 | 3430<br>3630<br>3840 | 3310<br>3510<br>3720 | 3360<br>3560<br>3770 | 72<br>76<br>80 | M33<br>M33<br>M33 | 36<br>36<br>36 |
| 3800<br>4000 | 4045<br>4245 | 3920<br>4120 | 3970<br>4170 | 80<br>84 | M36<br>M36 | 39<br>39 |

| | |
|---|---|
| **DN=** Nominal size of metal ring | **D=** Outside diameter of metal ring |
| **D1=** Outside diameter of PE pipe | **d6=** Inside diameter of metal ring |

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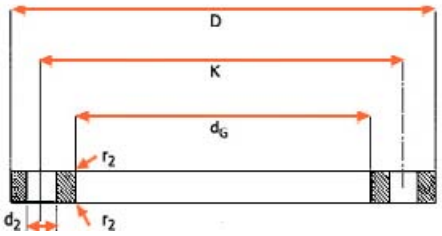
## Nominal pressure 6




| Nominal width | Nominal pressure 6 Bolts | | | | | |
|---|---|---|---|---|---|---|
| | D | d4 | k | Quantity | Thread | d2 |
| 6 | 65 | 25 | 40 | 4 | M10 | 11 |
| 8 | 70 | 30 | 45 | 4 | M10 | 11 |
| 10 | 75 | 35 | 50 | 4 | M10 | 11 |
| 15 | 80 | 40 | 55 | 4 | M10 | 11 |
| 20 | 90 | 50 | 65 | 4 | M10 | 11 |
| 25 | 100 | 60 | 75 | 4 | M10 | 11 |
| 32 | 120 | 70 | 90 | 4 | M12 | 14 |
| 40 | 130 | 80 | 100 | 4 | M12 | 14 |
| 50 | 140 | 90 | 110 | 4 | M12 | 14 |
| 65 | 160 | 110 | 130 | 4 | M12 | 14 |
| 80 | 190 | 128 | 150 | 4 | M16 | 18 |
| 100 | 210 | 148 | 170 | 4 | M16 | 18 |
| 125 | 240 | 178 | 200 | 8 | M16 | 18 |
| 150 | 265 | 202 | 225 | 8 | M16 | 18 |
| (175) | --- | --- | --- | --- | --- | --- |
| 200 | 320 | 258 | 280 | 8 | M16 | 18 |
| 250 | 375 | 312 | 335 | 12 | M16 | 18 |
| 300 | 440 | 365 | 395 | 12 | M20 | 22 |
| 350 | 490 | 415 | 445 | 12 | M20 | 22 |
| 400 | 540 | 465 | 495 | 16 | M20 | 22 |
| (450) | 595 | 520 | 550 | 16 | M20 | 22 |
| 500 | 645 | 570 | 600 | 20 | M20 | 22 |
| 600 | 755 | 670 | 705 | 20 | M24 | 26 |
| 700 | 860 | 775 | 810 | 24 | M24 | 26 |
| 800 | 975 | 880 | 920 | 24 | M27 | 30 |
| 900 | 1075 | 980 | 1020 | 24 | M27 | 30 |
| 1000 | 1175 | 1080 | 1120 | 29 | M27 | 30 |
| 1200 | 1405 | 1295 | 1340 | 32 | M30 | 33 |
| 1400 | 1630 | 1510 | 1560 | 36 | M33 | 36 |
| 1600 | 1830 | 1710 | 1760 | 40 | M33 | 36 |
| 1800 | 2045 | 1920 | 1970 | 44 | M36 | 39 |
| 2000 | 2265 | 2125 | 2180 | 48 | M39 | 42 |
| 2200 | 2475 | 2335 | 2390 | 52 | M39 | 42 |
| 2400 | 2685 | 2545 | 2600 | 56 | M39 | 42 |
| 2600 | 2905 | 2750 | 2810 | 60 | M45 | 48 |
| 2800 | 3115 | 2960 | 3020 | 64 | M45 | 48 |
| 3000 | 3315 | 3160 | 3220 | 68 | M45 | 48 |
| 3200 | 3525 | 3370 | 3430 | 72 | M45 | 48 |
| 3400 | 3735 | 3580 | 3640 | 76 | M45 | 48 |
| 3600 | 3970 | 3790 | 3860 | 80 | M52 | 56 |
| No flanges standardized | | | | | | |

| | |
|---|---|
| **DN=** Nominal size of metal ring | **D =** Outside diameter of metal ring |
| **D1=** Outside diameter of PE pipe | **d6=** Inside diameter of metal ring |

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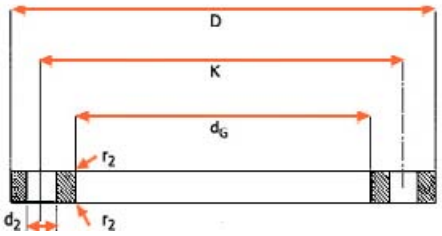
## Nominal pressure 10




| Nominal width | Nominal pressure 10 Bolts | | | | | |
|---|---|---|---|---|---|---|
| | D | dG | k | Quantity | Thread | d2 |
| Mating dimensions , See under nominal pressure 40 | | | | | | |
| Mating dimensions, ooo under n.p.16 | | | | | | |
| Mating dimensions, ooo under n.p.40 | | | | | | |
| Mating dimensions, See under nominal pressure 16 | | | | | | |
| 125<br>150<br>(175) | 340<br>395<br>445 | 268<br>320<br>370 | 295<br>350<br>400 | 8<br>12<br>12 | M20<br>M20<br>M20 | 22<br>22<br>22 |
| 200<br>250<br>300 | 505<br>565<br>615<br>670 | 430<br>482<br>532<br>585 | 460<br>515<br>565<br>620 | 16<br>16<br>20<br>20 | M20<br>M24<br>M24<br>M24 | 22<br>26<br>26<br>26 |
| 350<br>400<br>(450)<br>500 | 780<br>895<br>1015 | 685<br>800<br>905 | 725<br>840<br>950 | 20<br>24<br>24 | M27<br>M27<br>M30 | 30<br>30<br>33 |
| 600<br>700<br>800 | 1115<br>1230<br>1455 | 1005<br>1110<br>1330 | 1050<br>1160<br>1380 | 28<br>28<br>32 | M30<br>M33<br>M36 | 33<br>36<br>39 |
| 900<br>1000<br>1200 | 1675<br>1915<br>2115 | 1535<br>1760<br>1960 | 1590<br>1820<br>2020 | 36<br>40<br>44 | M39<br>M45<br>M45 | 42<br>48<br>48 |
| 1400<br>1600<br>1800 | 2325<br>2550<br>2760 | 2170<br>2370<br>2570 | 2230<br>2440<br>2650 | 48<br>52<br>56 | M45<br>M52<br>M52 | 48<br>56<br>56 |
| 2000<br>2200<br>2400 | 2960<br>3180<br>3405 | 2780<br>3000<br>3210 | 2850<br>3070<br>3290 | 40<br>64<br>58 | M52<br>M52<br>M56 | 56<br>56<br>62 |
| No flanges standardized | | | | | | |

| | |
|---|---|
| **DN=** Nominal size of metal ring | **D=** Outside diameter of metal ring |
| **D1=** Outside diameter of PE pipe | **d6=** Inside diameter of metal ring |

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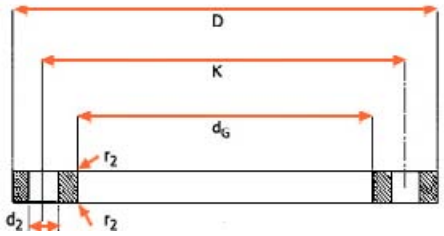
## Nominal pressure 16




| Nominal width | Nominal pressure 16 Bolts | | | | | |
|---|---|---|---|---|---|---|
| | D | dG | k | Quantity | Thread | d2 |
| **Mating dimensions , See under nominal pressure 40** | | | | | | |
| 15<br>20<br>25 | 185 | 122 | 145 | 4 | M 16 | 18 |
| **Mating dimensions , See under nominal n.p.40** | | | | | | |
| 65<br>80<br>100 | 220 | 158 | 180 | 8 | M16 | 18 |
| 125<br>150<br>(175) | 250<br>285<br>315 | 188<br>212<br>242 | 210<br>240<br>270 | 8<br>8<br>8 | M16<br>M20<br>M20 | 18<br>22<br>22 |
| 200<br>250<br>300 | 340<br>405<br>460 | 268<br>320<br>378 | 295<br>355<br>410 | 12<br>12<br>12 | M20<br>M24<br>M24 | 22<br>26<br>26 |
| 350<br>400<br>(450)<br>500 | 520<br>580<br>640<br>715 | 438<br>490<br>550<br>610 | 470<br>525<br>585<br>650 | 16<br>16<br>20<br>20 | M24<br>M27<br>M27<br>M30 | 26<br>30<br>30<br>33 |
| 600<br>700<br>800 | 840<br>910<br>1025 | 725<br>795<br>900 | 770<br>840<br>950 | 20<br>24<br>24 | M33<br>M33<br>M36 | 36<br>36<br>39 |
| 900<br>1000<br>1200 | 1125<br>1255<br>1485 | 1000<br>1115<br>1330 | 1050<br>1170<br>1390 | 28<br>28<br>32 | M36<br>M39<br>M45 | 39<br>42<br>48 |
| 1400<br>1600<br>1800 | 1685<br>1930<br>2130 | 1530<br>1750<br>1950 | 1590<br>1820<br>2020 | 36<br>40<br>44 | M45<br>M52<br>M52 | 48<br>56<br>56 |
| 2000<br>2200<br>2400 | 2345<br>2355 | 2150<br>2360 | 2230<br>2440 | 48<br>52 | M56<br>M56 | 62<br>62 |
| **No flanges standardized** | | | | | | |

| | |
|---|---|
| **DN=** Nominal size of metal ring | **D=** Outside diameter of metal ring |
| **D1=** Outside diameter of PE pipe | **d6=** Inside diameter of metal ring |

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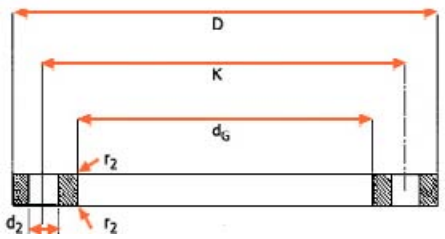
## Nominal pressure 25




| Nominal width | Nominal pressure 25 Bolts | | | | | |
|---|---|---|---|---|---|---|
| | D | dG | k | Quantity | Thread | d2 |
| **Mating dimensions , See under nominal pressure 40** | | | | | | |
| 125<br>150<br>(175) | 330 | 248 | 280 | 12 | M24 | 26 |
| 200<br>250<br>300 | 360<br>425<br>485 | 278<br>335<br>395 | 310<br>370<br>430 | 12<br>12<br>16 | M24<br>M27<br>M27 | 26<br>30<br>30 |
| 350<br>400<br>(450)<br>500 | 555<br>620<br>---<br>730 | 450<br>505<br>---<br>615 | 490<br>550<br>---<br>660 | 16<br>16<br>---<br>20 | M30<br>M33<br>---<br>M33 | 33<br>36<br>---<br>36 |
| 600<br>700<br>800 | 845<br>960<br>1085 | 720<br>820<br>930 | 770<br>875<br>990 | 20<br>24<br>24 | M36<br>M39<br>M45 | 39<br>42<br>48 |
| 900<br>1000<br>1200 | 1185<br>1320<br>1530 | 1030<br>1140<br>1350 | 1090<br>1210<br>1420 | 28<br>28<br>32 | M45<br>M52<br>M52 | 48<br>56<br>56 |
| 1400<br>1600<br>1800 | 1755<br>1975<br>2195 | 1560<br>1780<br>1985 | 1640<br>1860<br>2070 | 36<br>40<br>44 | M56<br>M56<br>M64 | 62<br>62<br>70 |
| 2000<br>2200<br>2400 | 2425 | 2210 | 2300 | 48 | M64 | 70 |
| **No flanges standardized** | | | | | | |

| | |
|---|---|
| **DN=** Nominal size of metal ring | **D=** Outside diameter of metal ring |
| **D1=** Outside diameter of PE pipe | **d6=** Inside diameter of metal ring |

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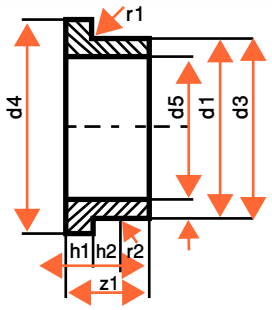

## Short Stub End for PFCP Gasket (PE 100)

| Ext diam pipe d1 | d3 | d4 | 2) d5 PE 100 | | | | | 3) h1 | | h2 | r1 | r2 min. | 4) z1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | PN6 | PN10 | PN 12.5 | PN16 | PN20 | PN6 PN10 | PN12.5 PN16 PN20 | | | | |
| 20 | 27 | 45 | - | - | - | - | - | - | - | - | - | - | - |
| 25 | 33 | 58 | - | - | - | - | - | - | - | - | - | - | - |
| 32 | 40 | 1) 64 | - | - | 26.9 | 25.7 | 24.4 | - | 10 | 13 | 3 | 20 | 100 |
| 40 | 50 | 78 | - | 34.9 | 33.7 | 32.2 | 30.5 | 11 | 18 | 15 | 3 | | |
| 50 | 61 | 88 | - | 43.8 | 42.3 | 40.4 | 38.2 | 12 | 19 | 15 | 3 | 20 | 100 |
| 63 | 75 | 102 | - | 55.1 | 53.1 | 50.8 | 48.0 | 14 | 21 | 20 | 4 | | |
| 75 | 83 | 122 | - | 65.7 | 63.3 | 60.7 | 57.3 | 16 | 23 | 20 | | | 100 |
| 90 | 105 | 1) 132 | - | 78.8 | 76.0 | 72.8 | 68.7 | 17 | 24 | 20 | 4 | 20 | 130 |
| 110 | 125 | 158 | - | 96.3 | 93.0 | 89.0 | 84.0 | 18 | 26 | 25 | | | 130 |
| 125 | 132 | 158 | - | 109.6 | 105.8 | 101.0 | 95.5 | | 33 | 20 | | | |
| 140 | 155 | 188 | - | 122.8 | 118.5 | 113.3 | 106.9 | 25 | 33 | 28 | 4 | 20 | 130 |
| 160 | 175 | 212 | - | 140.3 | 135.4 | 129.4 | 121.5 | | 45 | 28 | | | |
| 180 | 1) 188 | 212 | - | 157.8 | 152.3 | 144.9 | 136.7 | 30 | 50 | 30 | | | 130 |
| 200 | 232 | 268 | - | 175.3 | 169.2 | 160.9 | 151.7 | 32 | 52 | 40 | 4 | 20 | 150 |
| 225 | 235 | 268 | - | 197.2 | 189.6 | 181.1 | 170.7 | 32 | 52 | 30 | | | 150 |
| 250 | 285 | 320 | - | 219.3 | 210.8 | 201.3 | 189.9 | | | 40 | | | |
| 280 | 291 | 320 | - | 244.8 | 236.0 | 225.5 | 212.5 | 35 | 65 | 30 | 4 | 20 | 150 |
| 315 | 335 | 370 | 291.9 | 275.4 | 265.5 | 253.6 | 239.1 | | | 40 | | | |
| 355 | 373 | 430 | 328.8 | 310.2 | 299.2 | 258.8 | 269.3 | 40 | 65 | 40 | | | |
| 400 | 427 | 482 | 370.6 | 349.7 | 337.2 | 322.0 | 303.5 | 46 | 65 | 45 | 6 | 20 | 170 |
| 450 | 1) 482 | 1) 545 | 416.3 | 393.4 | 379.3 | 362.2 | 341.5 | 60 | 70 | 60 | | | |
| 500 | 530 | 585 | 462.5 | 437.0 | 421.4 | 402.5 | 379.6 | | | 50 | | | |
| 560 | 615 | 1) 656 | 517.9 | 489.5 | 471.9 | 450.8 | - | 60 | 70 | 60 | 6 | 20 | 170 |
| 630 | 642 | 685 | 582.8 | 550.7 | 531.3 | 507.1 | - | | | 40 | | | |
| | | | | | | | | 50 | 70 | 50 | | | 170 |
| 710 | 737 | 800 | 656.7 | 620.6 | 598.4 | - | - | 52 | 70 | 50 | | | 170 |
| 800 | 840 | 905 | 739.9 | 699.4 | 674.3 | - | - | 55 | - | 50 | 8 | 20 | 170 |
| 900 | 944 | 1005 | 832.4 | 786.9 | - | - | - | 60 | - | 70 | | | 190 |
| 1000 | 1047 | 1110 | 924.9 | 874.1 | - | - | - | 60 | - | 70 | | | 190 |
| 1200 | 1245 | 1330 | 1109.6 | - | - | - | - | | | | | | |

1) **DIN 16963** norm part 4.

2) D5 consider average values, **ISO 11922-1** norm.

3) The H1 values correspond to those of higher PN.

4) Z1 corresponds to Z1 min. Plus 50mm.

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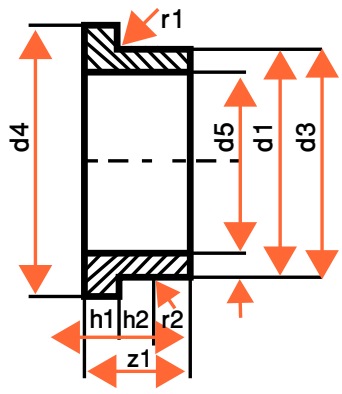


## Short Stub End for PFCP Gasket

| Ext diam pipe d1 | d3 | d4 | 2) d5 PE 63 | | | | | | 3) h1 | | | h2 | r1 | r2 min. | 4) Z1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | PN 3,2 | PN 4 | PN 6 | PN 10 | PN 12,5 | PN 16 | PN 3,2 PN 4 | PN 6 PN 10 | PN 12,5 PN 16 | | | | |
| 20 | 27 | 45 | _ | _ | _ | 15,1 | 15,1 | 14,1 | _ | 7 | 7 | | | | |
| 25 | 33 | 58 | _ | _ | 20,1 | 20,1 | 19,1 | 17,6 | _ | 9 | 9 | 13 | 3 | 20 | 100 |
| 32 | 40 | 1) 64 | _ | _ | 27,1 | 25,9 | 24,4 | 22,7 | _ | 10 | 10 | | | | |
| 40 | 50 | 78 | _ | 35,1 | 35,1 | 32,2 | 30,5 | 28,3 | 11 | 11 | 18 | 15 | 3 | | |
| 50 | 61 | 88 | _ | 45,2 | 44,0 | 40,4 | 38,2 | 35,4 | 12 | 12 | 19 | 15 | 3 | 20 | 100 |
| 63 | 75 | 102 | 58,2 | 57,8 | 55,5 | 50,8 | 48,0 | 44,8 | 14 | 14 | 21 | 20 | 4 | | |
| 75 | 89 | 122 | 70,3 | 69,1 | 66,1 | 60,7 | 57,3 | 53,2 | 16 | 16 | 23 | 20 | | | 100 |
| 90 | 105 | 1) 132 | 84,4 | 82,9 | 79,5 | 72,8 | 68,7 | 64,0 | 17 | 17 | 24 | 20 | 4 | 20 | 130 |
| 110 | 125 | 158 | 103,1 | 101,4 | 96,9 | 89,0 | 84,0 | 78,0 | 18 | 18 | 26 | 25 | | | 130 |
| 125 | 132 | 158 | 117,2 | 115,2 | 110,3 | 101,0 | 95,5 | 88,0 | | | 33 | 20 | | | |
| 140 | 155 | 188 | 131,4 | 129,0 | 123,5 | 113,3 | 106,9 | 98,5 | 18 | 25 | 33 | 28 | 4 | 20 | 130 |
| 160 | 175 | 212 | 150,2 | 147,4 | 141,2 | 129,4 | 121,5 | 112,7 | | | 45 | 28 | | | |
| 180 | 1) 188 | 212 | 169,0 | 166,0 | 158,9 | 144,9 | 136,7 | 126,8 | | 30 | 50 | 30 | | | 130 |
| 200 | 232 | 268 | 187,5 | 184,3 | 176,3 | 160,9 | 151,7 | 140,7 | 18 | 32 | 52 | 40 | 4 | 20 | 150 |
| 225 | 235 | 268 | 211,2 | 207,6 | 198,5 | 181,1 | 170,7 | 158,4 | | 32 | 52 | 30 | | | 150 |
| 250 | 285 | 320 | 234,6 | 230,5 | 220,6 | 201,3 | 189,9 | 176,0 | | | | 40 | | | |
| 280 | 291 | 320 | 262,8 | 258,2 | 247,1 | 225,5 | 212,5 | 197,1 | 20 | 35 | 65 | 30 | 4 | 20 | 150 |
| 315 | 335 | 370 | 295,6 | 290,4 | 277,2 | 253,6 | 239,1 | 221,7 | | | | 40 | | | |
| 355 | 373 | 430 | 333,1 | 327,3 | 312,4 | 285,8 | 269,3 | 250,0 | 23 | 40 | 65 | 40 | | | |
| 400 | 427 | 482 | 375,3 | 368,9 | 351,9 | 322,0 | 303,5 | 281,5 | 26 | 46 | 65 | 45 | 6 | 20 | 170 |
| 450 | 1) 482 | 1) 545 | 422,4 | 414,3 | 396,1 | 362,2 | 341,5 | 316,9 | 38 | 60 | 70 | 60 | | | |
| 500 | 530 | 585 | 469,4 | 460,3 | 440,1 | 402,5 | 379,6 | _ | 38 | | 70 | 50 | | | |
| 560 | 615 | 1) 656 | 524,7 | 515,5 | 492,8 | 450,8 | _ | _ | 40 | 60 | _ | 60 | 6 | 20 | 170 |
| 630 | 642 | 685 | 590,5 | 579,9 | 554,4 | 507,1 | _ | _ | 40 | | _ | 40 | | | |
| 710 | 737 | 800 | 665,3 | 653,4 | 624,8 | _ | _ | _ | 40 | 50 | _ | 50 | | | 170 |
| 800 | 840 | 905 | 749,8 | 736,3 | 704,0 | _ | _ | _ | 42 | 52 | _ | 50 | 8 | 20 | 170 |
| 900 | 944 | 1005 | 843,4 | 828,5 | 792,0 | _ | _ | _ | 46 | 55 | _ | 50 | | | 170 |
| 1000 | 1047 | 1110 | 937,2 | 920,5 | 880,0 | _ | _ | _ | 50 | 60 | _ | 70 | | | 190 |
| 1200 | 1245 | 1330 | 1124,3 | 1104,1 | _ | _ | _ | _ | 60 | _ | _ | 70 | | | 190 |

1) **DIN 16963** norm part 4.

2) D5 considers average values, **ISO 11922-1** norm.

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**D:** DIAMETER OF CAP

**L:** LENGTH

**E:** THICKNESS

## EndCap

| Product Detail | SIZE: SDR17 | | |
|---|---|---|---|
| | PE 100 - PN 10 | | |
| | Spec.DN | | |
| | D | L | E |
| | 63 | 67 | 3.8 |
| | 75 | 71 | 4.5 |
| | 90 | 80 | 5.4 |
| | 110 | 91 | 6.6 |
| | 160 | 110 | 9.5 |
| | 200 | 117 | 11.9 |
| | 250 | 140 | 14.8 |
| | 315 | 162 | 18.7 |

| Product Detail | SIZE: SDR11 | | |
|---|---|---|---|
| | PE 100 - PN 16 | | |
| | Spec.DN | | |
| | D | L | E |
| | 63 | 67 | 5.8 |
| | 75 | 71 | 6.8 |
| | 90 | 80 | 8.2 |
| | 110 | 91 | 10.0 |
| | 160 | 110 | 14.6 |
| | 200 | 117 | 18.2 |
| | 250 | 140 | 22.7 |
| | 315 | 162 | 28.6 |

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# Polyethylene Fitting Catalogue

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Pars Ethylene Kish Office
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Tel: ( +98 21 ) 88 67 79 65 - 88 67 79 66
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