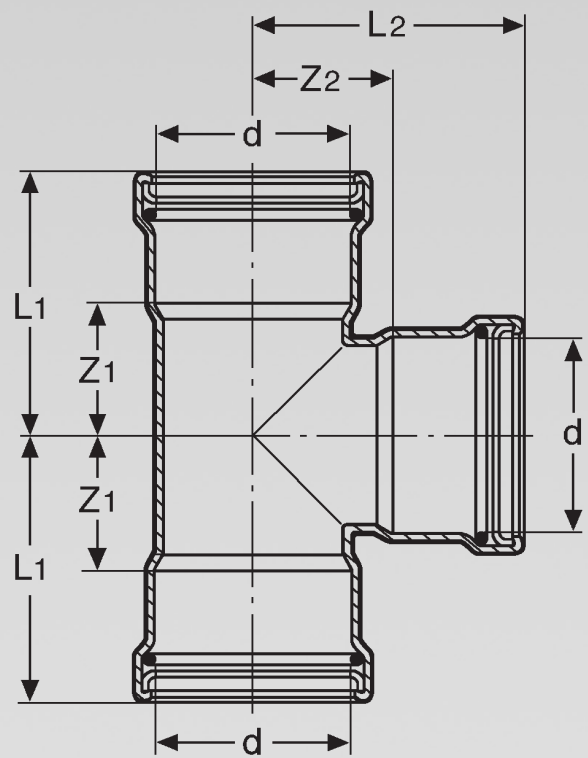
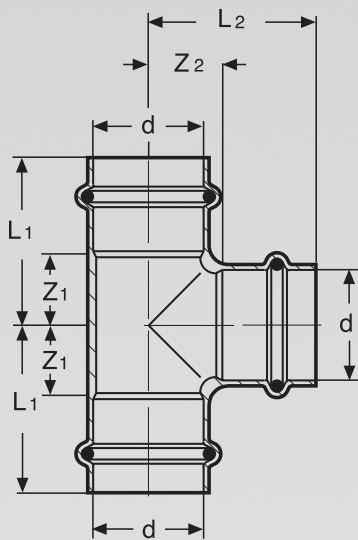


Take Off Dimensions

Pipe line systems / Pipe connection technology

Propress with Smart Connect™

08.2/2014



Pipe line systems/Pipe connection technology Propress with Smart Connect™

The Viega Propress system integrates state-of-the-art press-fit technology and purpose designed fittings to deliver the most efficient and reliable copper tube connection method.

Propress™ fittings also incorporate the Viega patented Smart Connect™ feature. This feature provides an easy method for locating un-pressed fittings by providing a positive leakage point during testing from any non pressed fitting. When the fitting is pressed, the Smart Connect™ feature is closed, forming a permanent leak proof joint.

Comprehensive choice of pipe connectors to suit a range of installation and connection needs for use with copper tube complying with AS 1432.

Propress areas of application:

Hot and cold Potable water
Rain water
Heating systems
Radiator connection
Solar installations (flat collectors/vacuum collectors)
Fire fighting lines
Sprinkler systems
Compressed air (max. 25 mg/m³ oil concentration)
Inert gases
Coolant pipes

Please consult the technical documentation for specification of the maximum operating temperatures and pressure levels for each area of application.

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Plumbing and heating systems
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8 Century Circuit
Baulkham Hills
NSW 2153
Australia
Ph:+61 2 8858 2600

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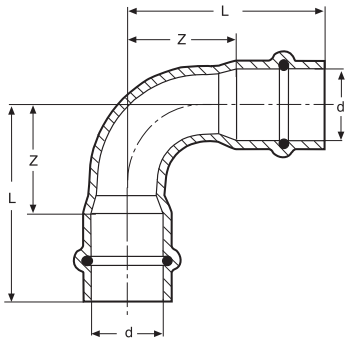


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|-----------------|-------------|-----------------|-------------|-----------------|-------------|-----------------|-------------|
| 578954 | 12 | 579647 | 9 | 591649 | 9 | | |
| 578961 | 12 | 579654 | 9 | 591656 | 9 | | |
| 578978 | 12 | 579661 | 9 | 591663 | 9 | | |
| 578985 | 13 | 579678 | 9 | 591670 | 9 | | |
| 578992 | 13 | 579685 | 9 | 591687 | 9 | | |
| 579005 | 13 | 579692 | 9 | 591694 | 9 | | |
| 579012 | 13 | 579708 | 9 | 591700 | 9 | | |
| 579029 | 13 | 579715 | 9 | 591717 | 9 | | |
| 579036 | 13 | 579722 | 9 | 591724 | 9 | | |
| 579043 | 13 | 579739 | 8 | 591731 | 9 | | |
| 579050 | 13 | 579746 | 8 | 591748 | 9 | | |
| 579067 | 13 | 579753 | 8 | 591755 | 9 | | |
| 579159 | 12 | 579760 | 8 | 591762 | 9 | | |
| 579166 | 12 | 579777 | 8 | 591779 | 9 | | |
| 579173 | 12 | 579784 | 8 | 591786 | 9 | | |
| 579180 | 12 | 579791 | 8 | 591793 | 7 | | |
| 579197 | 12 | 579807 | 8 | 591809 | 7 | | |
| 579203 | 12 | 579814 | 8 | 591816 | 7 | | |
| 579210 | 13 | 579821 | 8 | 591823 | 8 | | |
| 579227 | 13 | 579838 | 8 | 591830 | 8 | | |
| 579234 | 13 | 579845 | 8 | 591847 | 8 | | |
| 579241 | 13 | 579852 | 8 | 591854 | 11 | | |
| 579258 | 13 | 579869 | 8 | 591861 | 11 | | |
| 579265 | 13 | 579876 | 8 | 591878 | 11 | | |
| 579272 | 13 | 579883 | 8 | 591885 | 10 | | |
| 579289 | 13 | 579890 | 8 | 591892 | 10 | | |
| 579296 | 13 | 579906 | 8 | 591908 | 10 | | |
| 579302 | 13 | 579913 | 8 | 591915 | 11 | | |
| 579319 | 13 | 579920 | 7 | 591922 | 11 | | |
| 579326 | 13 | 579937 | 7 | 623432 | 13 | | |
| 579333 | 13 | 579944 | 7 | 623449 | 13 | | |
| 579340 | 12 | 579968 | 7 | 624507 | 14 | | |
| 579357 | 12 | 579975 | 7 | 624514 | 14 | | |
| 579364 | 12 | 579982 | 7 | 624521 | 14 | | |
| 579371 | 12 | 579999 | 7 | 624538 | 14 | | |
| 579388 | 12 | 580001 | 8 | 624545 | 14 | | |
| 579395 | 12 | 580018 | 8 | 624552 | 14 | | |
| 579401 | 6 | 580025 | 8 | 624569 | 14 | | |
| 579418 | 6 | 580032 | 8 | 624576 | 14 | | |
| 579425 | 6 | 580049 | 11 | 624866 | 11 | | |
| 579432 | 6 | 580056 | 11 | 624873 | 11 | | |
| 579449 | 6 | 580063 | 11 | 624958 | 13 | | |
| 579456 | 6 | 580070 | 11 | 624965 | 13 | | |
| 579463 | 6 | 580087 | 10 | 624972 | 13 | | |
| 579470 | 6 | 580094 | 10 | 625696 | 11 | | |
| 579487 | 6 | 580100 | 10 | 625719 | 11 | | |
| 579494 | 6 | 580117 | 10 | 625733 | 11 | | |
| 579500 | 6 | 582746 | 11 | 663995 | 11 | | |
| 579517 | 6 | 582753 | 11 | 668983 | 8 | | |
| 579555 | 10 | 591557 | 12 | 669003 | 13 | | |
| 579562 | 10 | 591564 | 12 | 669010 | 13 | | |
| 579579 | 10 | 591571 | 12 | 669027 | 13 | | |
| 579586 | 10 | 591588 | 6 | 669034 | 13 | | |
| 579593 | 10 | 591595 | 6 | 669041 | 13 | | |
| 579609 | 10 | 591601 | 6 | 669058 | 13 | | |
| 579616 | 9 | 591618 | 6 | 673611 | 13 | | |
| 579623 | 9 | 591625 | 6 | 673628 | 13 | | |
| 579630 | 9 | 591632 | 6 | | | | |

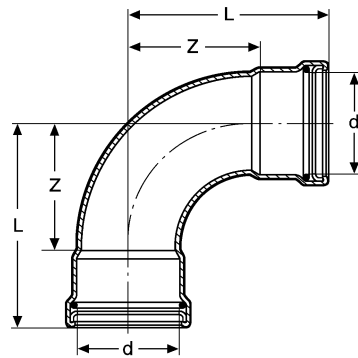




Elbow 90°

copper
model 0716

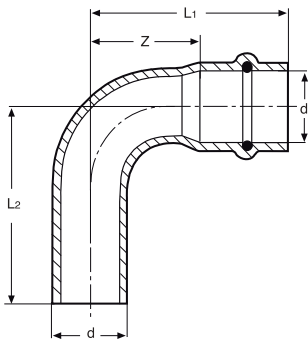
| art. no. | d (DN) | L | Z |
|----------|--------|-----|----|
| 579401 | 15 | 32 | 14 |
| 579418 | 20 | 44 | 22 |
| 579425 | 25 | 54 | 31 |
| 579432 | 32 | 60 | 35 |
| 579449 | 40 | 77 | 46 |
| 579456 | 50 | 100 | 61 |



Elbow 90°

copper
model 0716XL

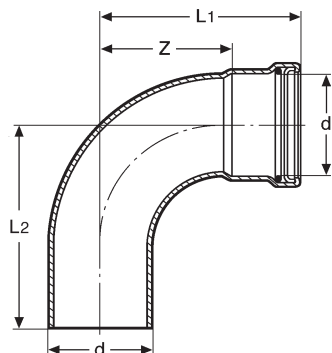
| art. no. | d (DN) | L | Z |
|----------|--------|-----|-----|
| 591588 | 65 | 127 | 84 |
| 591595 | 80 | 149 | 99 |
| 591601 | 100 | 183 | 123 |



Elbow 90°

copper
model 0716.1

| art. no. | d (DN) | L1 | L2 | Z |
|----------|--------|-----|-----|----|
| 579463 | 15 | 32 | 34 | 14 |
| 579470 | 20 | 44 | 47 | 22 |
| 579487 | 25 | 54 | 56 | 31 |
| 579494 | 32 | 60 | 62 | 35 |
| 579500 | 40 | 77 | 79 | 46 |
| 579517 | 50 | 100 | 102 | 61 |



Elbow 90°

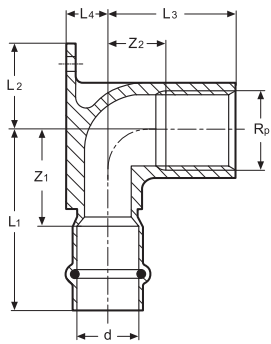
copper
model 0716.1XL

| art. no. | d (DN) | L1 | L2 | Z |
|----------|--------|-----|-----|-----|
| 591618 | 65 | 127 | 126 | 84 |
| 591625 | 80 | 149 | 147 | 99 |
| 591632 | 100 | 183 | 178 | 123 |

Back-plated Female Elbow

bronze

model 0725.5

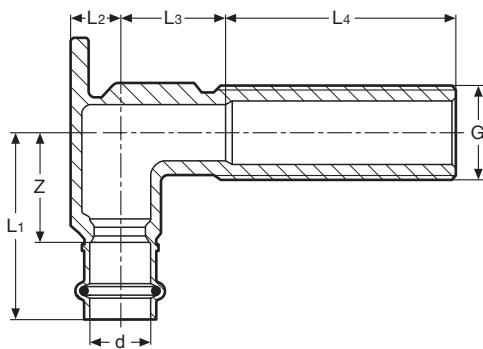


| art. no. | d (DN) | Rp | L1 | L2 | L3 | L4 | Z1 | Z2 |
|----------|--------|-----|----|----|----|----|----|----|
| 579920 | 15 | 1/2 | 43 | 20 | 11 | 22 | 25 | 11 |
| 579937 | 20 | 3/4 | 48 | 25 | 15 | 22 | 26 | 15 |

Back-plated Male Elbow

bronze

model 0732.1

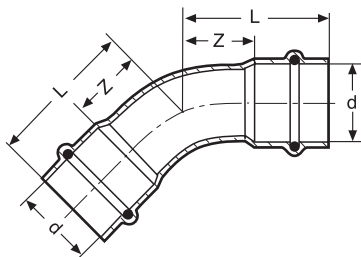


| art. no. | d (DN) | G | L1 | L2 | L3 | L4 | Z |
|----------|--------|-----|----|----|----|----|----|
| 579944 | 15 | 1/2 | 43 | 11 | 20 | 55 | 25 |

Elbow 45°

copper

model 0726

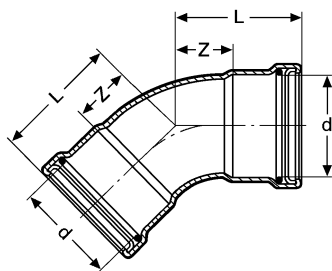


| art. no. | d (DN) | L | Z |
|----------|--------|----|----|
| 579968 | 25 | 36 | 13 |
| 579975 | 32 | 40 | 15 |
| 579982 | 40 | 50 | 19 |
| 579999 | 50 | 64 | 25 |

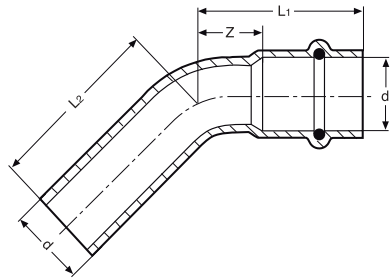
Elbow 45°

copper

model 0726XL



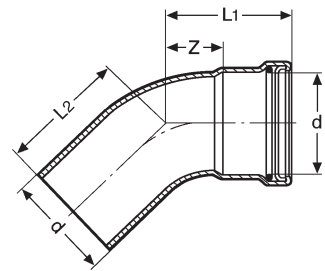
| art. no. | d (DN) | L | Z |
|----------|--------|-----|----|
| 591793 | 65 | 82 | 39 |
| 591809 | 80 | 96 | 46 |
| 591816 | 100 | 118 | 58 |



Elbow 45°

copper
model 0726.1

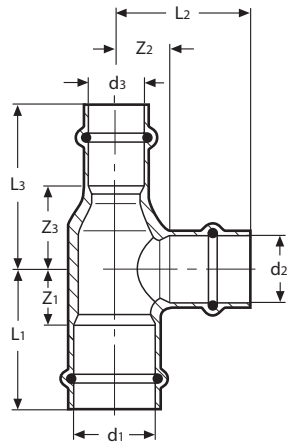
| art. no. | d (DN) | L1 | L2 | Z |
|----------|--------|----|----|----|
| 580001 | 25 | 36 | 38 | 13 |
| 580018 | 32 | 40 | 42 | 15 |
| 580025 | 40 | 50 | 52 | 19 |
| 580032 | 50 | 64 | 66 | 25 |



Elbow 45°

copper
model 0726.1XL

| art. no. | d (DN) | L1 | L2 | Z |
|----------|--------|-----|-----|----|
| 591823 | 65 | 82 | 82 | 39 |
| 591830 | 80 | 96 | 93 | 46 |
| 591847 | 100 | 118 | 113 | 58 |



Tee & Reducing Tee

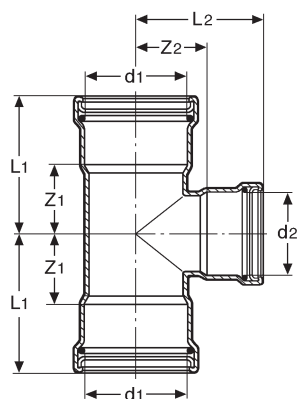
copper
model 0718

| art. no. | d1 (DN) | d2 (DN) | d3 (DN) | L1 | L2 | L3 | Z1 | Z2 | Z3 |
|----------|---------|---------|---------|----|----|----|----|----|----|
| 579739 | 15 | 15 | 15 | 33 | 33 | 28 | 15 | 15 | 10 |
| 579760 | 20 | 15 | 15 | 37 | 41 | 32 | 15 | 23 | 14 |
| 579784 | 20 | 20 | 15 | 42 | 43 | 42 | 20 | 25 | 20 |
| 579777 | 20 | 15 | 20 | 39 | 39 | 32 | 17 | 17 | 14 |
| 579746 | 20 | 20 | 20 | 42 | 42 | 36 | 20 | 20 | 14 |
| 579821 | 25 | 15 | 25 | 39 | 39 | 36 | 16 | 16 | 18 |
| 579838 | 25 | 20 | 25 | 43 | 43 | 40 | 20 | 20 | 18 |
| 579753 | 25 | 25 | 25 | 46 | 46 | 41 | 23 | 23 | 18 |
| 579845 | 32 | 15 | 32 | 40 | 40 | 39 | 16 | 16 | 21 |
| 668983 | 32 | 20 | 32 | 44 | 44 | 43 | 19 | 19 | 21 |
| 579852 | 32 | 25 | 32 | 47 | 47 | 44 | 22 | 22 | 21 |
| 579791 | 32 | 32 | 32 | 50 | 50 | 47 | 26 | 26 | 22 |
| 579869 | 40 | 25 | 40 | 52 | 52 | 50 | 21 | 21 | 27 |
| 579876 | 40 | 32 | 40 | 55 | 55 | 52 | 24 | 24 | 27 |
| 579807 | 40 | 40 | 40 | 58 | 58 | 58 | 27 | 27 | 27 |
| 579883 | 50 | 20 | 50 | 57 | 57 | 56 | 18 | 18 | 34 |
| 579890 | 50 | 25 | 50 | 60 | 60 | 57 | 21 | 21 | 34 |
| 579906 | 50 | 32 | 50 | 63 | 63 | 59 | 24 | 24 | 34 |
| 579913 | 50 | 40 | 50 | 66 | 66 | 65 | 27 | 27 | 34 |
| 579814 | 50 | 50 | 50 | 73 | 73 | 73 | 34 | 34 | 34 |

Tee & Reducing Tee

copper

model 0718XL

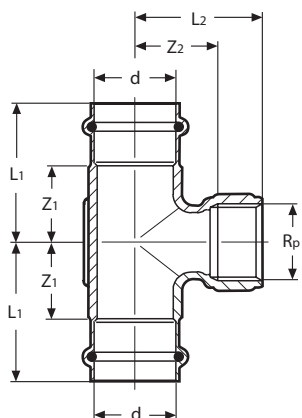


| art. no. | d1 (DN) | d2 (DN) | L1 | L2 | Z1 | Z2 |
|----------|---------|---------|-----|-----|----|----|
| 591 731 | 65 | 50 | 84 | 84 | 41 | 45 |
| 591 700 | 65 | 65 | 89 | 91 | 46 | 48 |
| 591 748 | 80 | 50 | 90 | 90 | 40 | 51 |
| 591 755 | 80 | 65 | 93 | 96 | 43 | 53 |
| 591 717 | 80 | 80 | 101 | 103 | 51 | 53 |
| 591 762 | 100 | 50 | 105 | 103 | 45 | 64 |
| 591 779 | 100 | 65 | 105 | 110 | 45 | 67 |
| 591 786 | 100 | 80 | 112 | 117 | 52 | 67 |
| 591 724 | 100 | 100 | 128 | 128 | 68 | 68 |

Tee Adaptor

bronze

model 0717.2

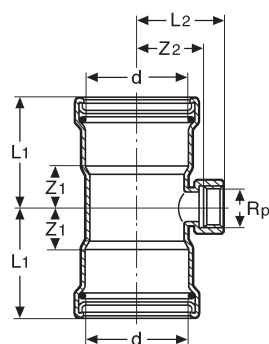


| art. no. | d (DN) | Rp | L1 | L2 | Z1 | Z2 |
|----------|--------|-----|----|----|----|----|
| 579 678 | 25 | 1/2 | 45 | 42 | 22 | 27 |
| 579 685 | 25 | 3/4 | 48 | 47 | 25 | 31 |
| 579 692 | 32 | 1/2 | 48 | 45 | 23 | 30 |
| 579 708 | 32 | 3/4 | 48 | 50 | 23 | 34 |
| 579 715 | 40 | 1/2 | 53 | 50 | 22 | 35 |
| 579 722 | 50 | 3/4 | 68 | 60 | 29 | 44 |

Tee Adaptor

copper

model 0717.2XL

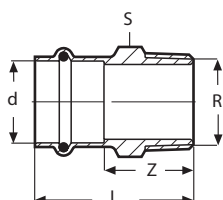


| art. no. | d (DN) | Rp | L1 | L2 | Z1 | Z2 |
|----------|--------|-----|-----|----|----|----|
| 591 649 | 65 | 3/4 | 70 | 58 | 27 | 45 |
| 591 656 | 65 | 2 | 84 | 67 | 41 | 49 |
| 591 663 | 80 | 3/4 | 77 | 64 | 27 | 52 |
| 591 670 | 80 | 2 | 90 | 74 | 40 | 56 |
| 591 687 | 100 | 3/4 | 88 | 76 | 28 | 64 |
| 591 694 | 100 | 2 | 101 | 86 | 41 | 68 |

Male line Adaptor

bronze

model 0711

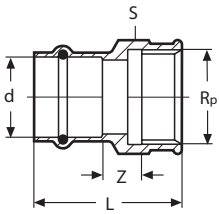


| art. no. | d (DN) | R | L | Z | S |
|----------|--------|-------|----|----|----|
| 579 616 | 15 | 1/2 | 42 | 24 | 22 |
| 579 623 | 20 | 3/4 | 48 | 26 | 27 |
| 579 630 | 25 | 1 | 54 | 31 | 34 |
| 579 647 | 32 | 1 1/4 | 56 | 31 | 43 |
| 579 654 | 40 | 1 1/2 | 66 | 35 | 50 |
| 579 661 | 50 | 2 | 79 | 40 | 68 |

Female line Adaptor

bronze

model 0712

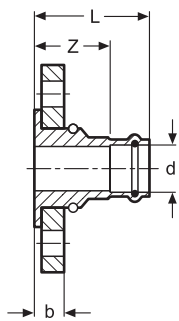


| art. no. | d (DN) | Rp | L | Z | S |
|----------|--------|-------|----|----|----|
| 579555 | 15 | 1/2 | 41 | 8 | 26 |
| 579562 | 20 | 3/4 | 44 | 10 | 31 |
| 579579 | 25 | 1 | 49 | 12 | 38 |
| 579586 | 32 | 1 1/4 | 50 | 11 | 47 |
| 579593 | 40 | 1 1/2 | 63 | 8 | 53 |
| 579609 | 50 | 2 | 75 | 15 | 70 |

Flange

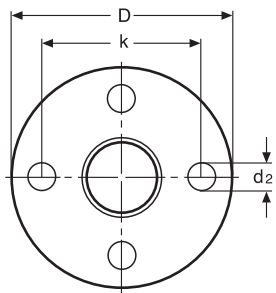
bronze

model 0759.5



| art. no. | d (DN) | L | Z | b | D | d2 | k | n |
|----------|--------|----|----|----|-----|----|-----|---|
| 580087 | 25 | 61 | 38 | 17 | 115 | 14 | 83 | 4 |
| 580094 | 32 | 66 | 41 | 17 | 120 | 14 | 87 | 4 |
| 580100 | 40 | 79 | 48 | 17 | 135 | 14 | 98 | 4 |
| 580117 | 50 | 86 | 47 | 17 | 150 | 18 | 114 | 4 |

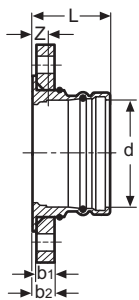
n = no. of bolt holes in the circle



Flange

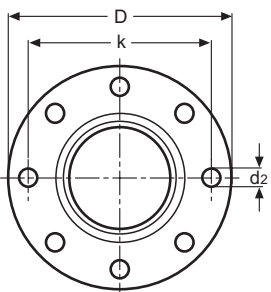
copper

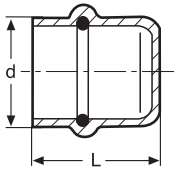
model 0759.5XL



| art. no. | d (DN) | L | Z | b1 | b2 | D | d2 | k | n |
|----------|--------|----|----|----|----|-----|----|-----|---|
| 591885 | 65 | 72 | 29 | 16 | 18 | 165 | 18 | 127 | 4 |
| 591892 | 80 | 78 | 28 | 16 | 18 | 185 | 18 | 146 | 4 |
| 591908 | 100 | 92 | 32 | 16 | 21 | 215 | 18 | 178 | 8 |

n = no. of bolt holes in the circle



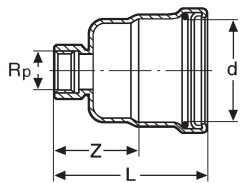


Cap

copper

model 0756

| art. no. | d (DN) | L |
|----------|--------|----|
| 582746 | 15 | 24 |
| 582753 | 20 | 28 |
| 580049 | 25 | 29 |
| 580056 | 32 | 33 |
| 580063 | 40 | 37 |
| 580070 | 50 | 45 |

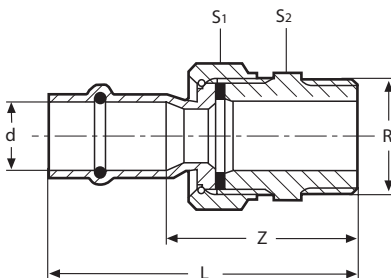


Cap

copper

model 0756XL

| art. no. | d (DN) | Rp | L | Z |
|----------|--------|----|-----|----|
| 591854 | 65 | ¾ | 101 | 46 |
| 591861 | 80 | ¾ | 107 | 45 |
| 591878 | 100 | ¾ | 118 | 46 |

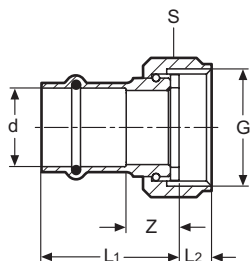


Union

bronze

model 0765

| art. no. | d (DN) | R | L | Z | S1 | S2 |
|----------|--------|----|-----|----|----|----|
| 624873 | 25 | 1 | 81 | 58 | 50 | 44 |
| 625696 | 32 | 1¼ | 85 | 60 | 52 | 50 |
| 625719 | 40 | 1½ | 92 | 61 | 60 | 55 |
| 625733 | 50 | 2 | 113 | 74 | 78 | 72 |

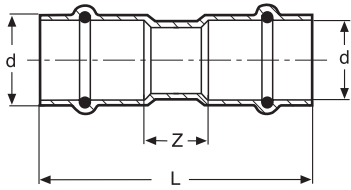


Union

bronze

model 0763

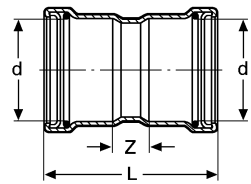
| art. no. | d (DN) | G | L1 | L2 | Z | S |
|----------|--------|---|----|----|----|----|
| 591915 | 15 | ½ | 37 | 6 | 11 | 24 |
| 624866 | 20 | ½ | 47 | 9 | 16 | 24 |
| 591922 | 20 | ¾ | 45 | 9 | 13 | 30 |
| 663995 | 20 | 1 | 41 | 10 | 8 | 36 |



Coupling with Stops

copper
model 0715

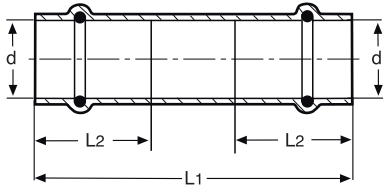
| art. no. | d (DN) | L | Z |
|----------|--------|----|----|
| 579159 | 15 | 43 | 7 |
| 579166 | 20 | 53 | 9 |
| 579173 | 25 | 56 | 10 |
| 579180 | 32 | 60 | 11 |
| 579197 | 40 | 72 | 10 |
| 579203 | 50 | 88 | 10 |



Coupling with Stops

copper
model 0715XL

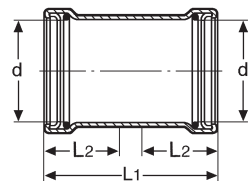
| art. no. | d (DN) | L | Z |
|----------|--------|-----|----|
| 578954 | 65 | 110 | 24 |
| 578961 | 80 | 125 | 25 |
| 578978 | 100 | 147 | 27 |



Repair Coupling

copper
model 0715.5

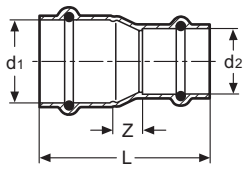
| art. no. | d (DN) | L1 | L2 |
|----------|--------|----|----|
| 579340 | 15 | 43 | 18 |
| 579357 | 20 | 53 | 22 |
| 579364 | 25 | 56 | 23 |
| 579371 | 32 | 60 | 25 |
| 579388 | 40 | 72 | 31 |
| 579395 | 50 | 88 | 39 |



Repair Coupling

copper
model 0715.5XL

| art. no. | d (DN) | L1 | L2 |
|----------|--------|-----|----|
| 591557 | 65 | 110 | 43 |
| 591564 | 80 | 125 | 50 |
| 591571 | 100 | 147 | 60 |

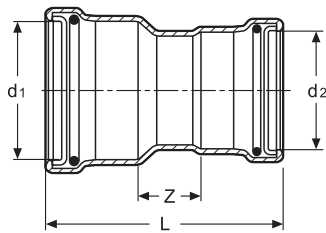


Reducing Coupling

copper

model 0715.2

| art. no. | d1 (DN) | d2 (DN) | L | Z |
|----------|---------|---------|-----|----|
| 673628 | 18 | 15 | 46 | 9 |
| 579210 | 20 | 15 | 50 | 10 |
| 673611 | 20 | 18 | 49 | 8 |
| 579227 | 25 | 15 | 58 | 17 |
| 579234 | 25 | 20 | 56 | 11 |
| 579241 | 32 | 15 | 67 | 24 |
| 579258 | 32 | 20 | 65 | 18 |
| 579265 | 32 | 25 | 62 | 14 |
| 579272 | 40 | 20 | 78 | 25 |
| 579289 | 40 | 25 | 72 | 18 |
| 579296 | 40 | 32 | 67 | 11 |
| 579302 | 50 | 20 | 100 | 39 |
| 579319 | 50 | 25 | 94 | 32 |
| 579326 | 50 | 32 | 89 | 25 |
| 579333 | 50 | 40 | 89 | 19 |

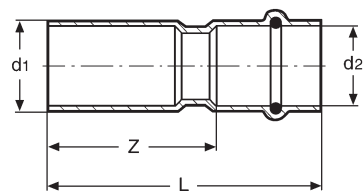


Reducing Coupling

copper

model 0715.2XL

| art. no. | d1 (DN) | d2 (DN) | L | Z |
|----------|---------|---------|-----|----|
| 578985 | 65 | 32 | 111 | 43 |
| 578992 | 65 | 40 | 116 | 42 |
| 579005 | 65 | 50 | 117 | 35 |
| 579012 | 80 | 40 | 129 | 48 |
| 579029 | 80 | 50 | 126 | 37 |
| 579036 | 80 | 65 | 130 | 37 |
| 579043 | 100 | 50 | 154 | 55 |
| 579050 | 100 | 65 | 154 | 51 |
| 579067 | 100 | 80 | 154 | 44 |

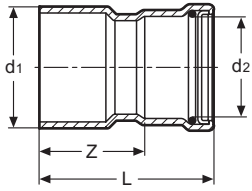


Reducer

copper

model 0715.1

| art. no. | d1 (DN) | d2 (DN) | L | Z |
|----------|---------|---------|----|----|
| 623432 | 20 | 15 | 55 | 37 |
| 623449 | 25 | 15 | 63 | 45 |
| 624958 | 25 | 20 | 59 | 37 |
| 624965 | 32 | 20 | 69 | 47 |
| 624972 | 32 | 25 | 62 | 39 |
| 669003 | 40 | 20 | 78 | 56 |
| 669010 | 40 | 25 | 72 | 49 |
| 669027 | 40 | 32 | 67 | 42 |
| 669034 | 50 | 25 | 95 | 72 |
| 669041 | 50 | 32 | 89 | 64 |
| 669058 | 50 | 40 | 87 | 56 |



Reducer

copper

model 0715.1XL

| art. no. | d1 (DN) | d2 (DN) | L | Z |
|----------|---------|---------|-----|-----|
| 624507 | 65 | 40 | 106 | 75 |
| 624514 | 65 | 50 | 96 | 57 |
| 624521 | 80 | 40 | 131 | 100 |
| 624545 | 80 | 50 | 133 | 94 |
| 624538 | 80 | 65 | 135 | 92 |
| 624552 | 100 | 50 | 156 | 117 |
| 624569 | 100 | 65 | 158 | 115 |
| 624576 | 100 | 80 | 157 | 107 |