

# Series 1000 rapid push-in fittings for plastic tubes

Tube external diameters: 5/3, 6/4, 8/6, 10/8, 12/10, 15/12,5 mm

Fittings threads: metric (M5, M6, M12x1, M12x1,25),

BSP (G1/8, G1/4, G3/8, G1/2), BSPT (R1/8, R1/4, R3/8, R1/2)



Series 1000 rapid push-in fittings can be easily installed.

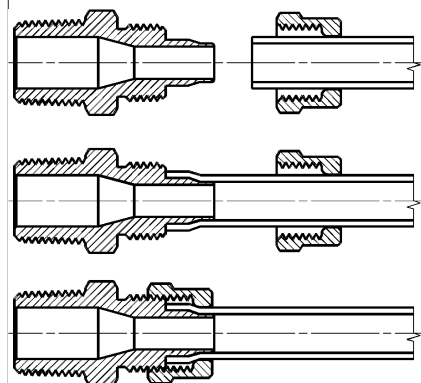
The push-in locking nuts can be tightened both manually and with a spanner even in case of stiff tubes like the PA or the Hytrel Polyester.

The special shape of the guiding cone ensures that the tube cannot be accidentally cut.

## GENERAL DATA

|                        |                                                                                                            |
|------------------------|------------------------------------------------------------------------------------------------------------|
| <b>Materials</b>       | body and nut: nickel-plated brass<br>O-ring: NBR<br>thread seals: PTFE, PA, AL                             |
| <b>Threads</b>         | GAS conical ISO 7 (BSPT)<br>GAS cylindrical ISO 228 (BSP)<br>M5 - M6 NPT and metric (available on request) |
| <b>Pressure</b>        | the nominal pressure of the fittings is always higher than the pressure of the tube                        |
| <b>Tube to connect</b> | PA polyethylene braided PVC rilsan PU, Hytrel Polyester                                                    |
| <b>Diameters</b>       | 5/3 - 6/4 - 8/6 - 10/8 - 12/10 - 15/12,5 mm                                                                |
| <b>Fluid</b>           | compressed air low pressure fluids                                                                         |
| <b>Temperature</b>     | -20°C ÷ 80°C<br>NOTE: for a better use of the fitting we recommend to check the tubing specifications.     |

## Fitting with connecting tube



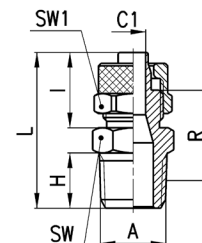
## Fittings Mod. 1510

Metric-BSPT Male Connector



### DIMENSIONS

| Mod.              | Tube    | A        | C1  | H    | I    | L    | R    | SW | SW1 | Weight (g) |
|-------------------|---------|----------|-----|------|------|------|------|----|-----|------------|
| 1510 5/3-1/8      | 5/3     | R1/8     | 2   | 7,5  | 12,5 | 24,5 | 14,5 | 12 | 8   | 10         |
| 1510 6/4-1/8      | 6/4     | R1/8     | 3   | 7,5  | 15   | 27   | 16   | 12 | 12  | 15         |
| 1510 6/4-1/4      | 6/4     | R1/4     | 3   | 11   | 15   | 31   | 18,5 | 14 | 12  | 19         |
| 1510 6/4-3/8      | 6/4     | R3/8     | 3   | 11,5 | 15   | 31,5 | 18,5 | 17 | 12  | 22         |
| 1510 6/4-1/2      | 6/4     | R1/2     | 3   | 14   | 15   | 34,5 | 20   | 22 | 12  | 38         |
| 1510 6/4-M12x1,25 | 6/4     | M12X1,25 | 3   | 10   | 15   | 30   | 18   | 13 | 12  | 17         |
| 1510 8/6-1/8      | 8/6     | R1/8     | 5   | 7,5  | 15   | 27   | 16   | 13 | 14  | 19         |
| 1510 8/6-1/4      | 8/6     | R1/4     | 5   | 11   | 15   | 31   | 18,5 | 14 | 14  | 20         |
| 1510 8/6-3/8      | 8/6     | R3/8     | 5   | 11,5 | 15   | 31,5 | 18,5 | 17 | 14  | 25         |
| 1510 8/6-1/2      | 8/6     | R1/2     | 5   | 14   | 15   | 34,5 | 20   | 22 | 14  | 39         |
| 1510 10/8-1/8     | 10/8    | R1/8     | 6,5 | 7,5  | 16,5 | 28,5 | 16,5 | 14 | 16  | 24         |
| 1510 10/8-1/4     | 10/8    | R1/4     | 6,5 | 11   | 16,5 | 32,5 | 19   | 14 | 16  | 24         |
| 1510 10/8-3/8     | 10/8    | R3/8     | 6,5 | 11,5 | 16,5 | 33   | 19   | 17 | 16  | 27         |
| 1510 10/8-1/2     | 10/8    | R1/2     | 6,5 | 14   | 16,5 | 36   | 20,5 | 22 | 16  | 42         |
| 1510 12/10-3/8    | 12/10   | R3/8     | 8,5 | 11,5 | 18   | 34,5 | 19   | 17 | 19  | 35         |
| 1510 12/10-1/2    | 12/10   | R1/2     | 8,5 | 14   | 18   | 37,5 | 20,5 | 22 | 19  | 49         |
| 1510 15/12,5-1/2  | 15/12,5 | R1/2     | 11  | 14   | 20   | 39,5 | 21   | 22 | 22  | 55         |



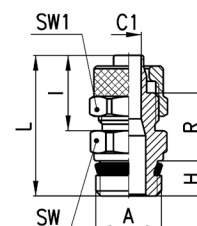
## Fittings Mod. 1511

Metric Male Connector Sprint®



### DIMENSIONS

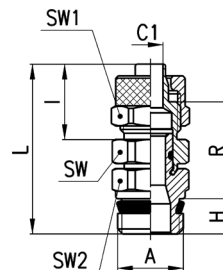
| Mod.             | Tube    | A    | C1  | H   | I    | L    | R    | SW | SW1 | Weight (g) |
|------------------|---------|------|-----|-----|------|------|------|----|-----|------------|
| 1511 5/3-M5      | 5/3     | M5   | 2   | 4   | 12,5 | 21   | 10,5 | 8  | 8   | 5 *        |
| 1511 5/3-M6      | 5/3     | M6   | 2   | 4   | 12,5 | 21   | 10,5 | 9  | 8   | 5 *        |
| 1511 5/3-1/8     | 5/3     | G1/8 | 2   | 5,5 | 12,5 | 23,8 | 11,8 | 12 | 8   | 10         |
| 1511 6/4-M5      | 6/4     | M5   | 3   | 4   | 13,5 | 22   | 10,5 | 8  | 9   | 6 *        |
| 1511 6/4-M6      | 6/4     | M6   | 3   | 4   | 13,5 | 22   | 10,5 | 9  | 9   | 7 *        |
| 1511 6/4-1/8     | 6/4     | G1/8 | 3   | 5,5 | 15   | 26,3 | 13,3 | 12 | 12  | 15         |
| 1511 6/4-1/4     | 6/4     | G1/4 | 3   | 7   | 15   | 28   | 13,5 | 14 | 12  | 16         |
| 1511 6/4-3/8     | 6/4     | G3/8 | 3   | 8   | 15   | 29,3 | 13,8 | 19 | 12  | 27         |
| 1511 8/6-1/8     | 8/6     | G1/8 | 5   | 5,5 | 15   | 26,3 | 13,3 | 12 | 14  | 17         |
| 1511 8/6-1/4     | 8/6     | G1/4 | 5   | 7   | 15   | 28   | 13,5 | 14 | 14  | 18         |
| 1511 8/6-3/8     | 8/6     | G3/8 | 5   | 8   | 15   | 29,3 | 13,8 | 19 | 14  | 27         |
| 1511 10/8-1/8    | 10/8    | G1/8 | 6,5 | 5,5 | 16,5 | 27,8 | 13,8 | 14 | 16  | 23         |
| 1511 10/8-1/4    | 10/8    | G1/4 | 6,5 | 7   | 16,5 | 29,5 | 14   | 14 | 16  | 25         |
| 1511 10/8-3/8    | 10/8    | G3/8 | 6,5 | 8   | 16,5 | 30,8 | 14,3 | 19 | 16  | 30         |
| 1511 10/8-1/2    | 10/8    | G1/2 | 6,5 | 9   | 16,5 | 32,5 | 15   | 22 | 16  | 36         |
| 1511 12/10-3/8   | 12/10   | G3/8 | 8,5 | 8   | 18   | 32,3 | 14,3 | 19 | 19  | 39         |
| 1511 12/10-1/2   | 12/10   | G1/2 | 8,5 | 9   | 18   | 34   | 15   | 22 | 19  | 42         |
| 1511 15/12,5-1/2 | 15/12,5 | G1/2 | 11  | 9   | 20   | 36   | 15,5 | 22 | 22  | 52         |



\* = with O-Ring

## Fittings Mod. 1560

Swivel Male Connector Sprint®

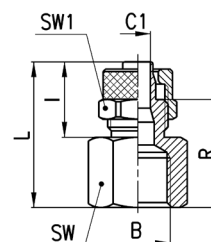


## DIMENSIONS

| Mod.                  | Tube  | A    | C1  | H   | I    | L    | R    | SW | SW1 | SW2 | Weight (g) |
|-----------------------|-------|------|-----|-----|------|------|------|----|-----|-----|------------|
| <b>1560 6/4-1/8</b>   | 6/4   | G1/8 | 3   | 5,5 | 15   | 31   | 18   | 12 | 12  | 12  | 19         |
| <b>1560 6/4-1/4</b>   | 6/4   | G1/4 | 3   | 7   | 15   | 32,5 | 18   | 12 | 12  | 14  | 25         |
| <b>1560 8/6-1/8</b>   | 8/6   | G1/8 | 5   | 5,5 | 15   | 32   | 19   | 13 | 14  | 12  | 21         |
| <b>1560 8/6-1/4</b>   | 8/6   | G1/4 | 5   | 7   | 15   | 33,5 | 19   | 13 | 14  | 14  | 26         |
| <b>1560 10/8-1/4</b>  | 10/8  | G1/4 | 6,5 | 7   | 16,5 | 34,5 | 19   | 14 | 16  | 14  | 27         |
| <b>1560 10/8-3/8</b>  | 10/8  | G3/8 | 6,5 | 8   | 16,5 | 36   | 19,5 | 14 | 16  | 19  | 38         |
| <b>1560 12/10-3/8</b> | 12/10 | G3/8 | 6,5 | 8   | 18   | 38   | 20   | 17 | 19  | 19  | 46         |

## Fittings Mod. 1463

BSP Female Connector

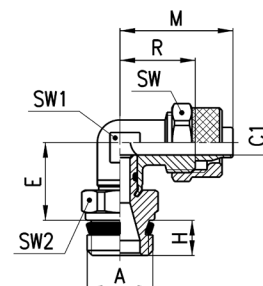


## DIMENSIONS

| Mod.                  | Tube  | B    | C1  | I    | L    | R    | SW | SW1 | Weight (g) |
|-----------------------|-------|------|-----|------|------|------|----|-----|------------|
| <b>1463 5/3-1/8</b>   | 5/3   | G1/8 | 2   | 12,5 | 22,5 | 16   | 13 | 8   | 10         |
| <b>1463 6/4-1/8</b>   | 6/4   | G1/8 | 3   | 15   | 25   | 17,5 | 13 | 12  | 14         |
| <b>1463 6/4-1/4</b>   | 6/4   | G1/4 | 3   | 15   | 26,5 | 19   | 17 | 12  | 21         |
| <b>1463 6/4-3/8</b>   | 6/4   | G3/8 | 3   | 15   | 27,5 | 20   | 20 | 12  | 25         |
| <b>1463 8/6-1/8</b>   | 8/6   | G1/8 | 5   | 15   | 25   | 17,5 | 13 | 14  | 16         |
| <b>1463 8/6-1/4</b>   | 8/6   | G1/4 | 5   | 15   | 26,5 | 19   | 17 | 14  | 22         |
| <b>1463 8/6-3/8</b>   | 8/6   | G3/8 | 5   | 15   | 27,5 | 20   | 20 | 14  | 26         |
| <b>1463 10/8-1/8</b>  | 10/8  | G1/8 | 6,5 | 16,5 | 21,5 | 13   | 14 | 16  | 19         |
| <b>1463 10/8-1/4</b>  | 10/8  | G1/4 | 6,5 | 16,5 | 28   | 19,5 | 17 | 16  | 28         |
| <b>1463 10/8-3/8</b>  | 10/8  | G3/8 | 6,5 | 16,5 | 29   | 20,5 | 20 | 16  | 31         |
| <b>1463 10/8-1/2</b>  | 10/8  | G1/2 | 6,5 | 16,5 | 33   | 24,5 | 24 | 16  | 43         |
| <b>1463 12/10-3/8</b> | 12/10 | G3/8 | 8,5 | 18   | 30,5 | 20,5 | 20 | 19  | 37         |

## Fittings Mod. 1541

Swivel Male Elbow Sprint®

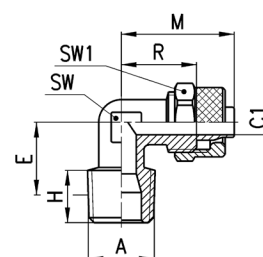


### DIMENSIONS

| Mod.                 | Tube | A    | C1  | E  | H   | M    | R  | SW | SW1 | SW2 | Weight (g) |
|----------------------|------|------|-----|----|-----|------|----|----|-----|-----|------------|
| <b>1541 6/4-1/8</b>  | 6/4  | G1/8 | 3   | 15 | 5,5 | 22,5 | 15 | 12 | 10  | 12  | 22         |
| <b>1541 6/4-1/4</b>  | 6/4  | G1/4 | 3   | 15 | 7   | 22,5 | 15 | 12 | 10  | 14  | 27         |
| <b>1541 8/6-1/8</b>  | 8/6  | G1/8 | 5   | 15 | 5,5 | 22,5 | 15 | 14 | 10  | 12  | 23         |
| <b>1541 8/6-1/4</b>  | 8/6  | G1/4 | 5   | 15 | 7   | 22,5 | 15 | 14 | 10  | 14  | 28         |
| <b>1541 10/8-1/4</b> | 10/8 | G1/4 | 6,5 | 16 | 7   | 25,5 | 17 | 16 | 12  | 14  | 35         |

## Fittings Mod. 1500

Fix Metric-BSPT Male Elbow

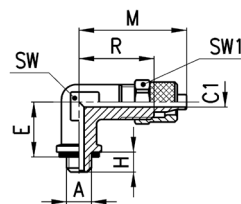


### DIMENSIONS

| Mod.                     | Tube    | A        | C1  | E    | H    | M    | R    | SW | SW1 | Weight (g) |
|--------------------------|---------|----------|-----|------|------|------|------|----|-----|------------|
| <b>1500 5/3-1/8</b>      | 5/3     | R1/8     | 2   | 13   | 7,5  | 21,5 | 15   | 8  | 8   | 11         |
| <b>1500 6/4-1/8</b>      | 6/4     | R1/8     | 3   | 13   | 7,5  | 22,5 | 15   | 8  | 12  | 15         |
| <b>1500 6/4-1/4</b>      | 6/4     | R1/4     | 3   | 15,5 | 11   | 22,5 | 15   | 10 | 12  | 21         |
| <b>1500 6/4-3/8</b>      | 6/4     | R3/8     | 3   | 17   | 11,5 | 23,5 | 16   | 12 | 12  | 27         |
| <b>1500 6/4-M12x1,25</b> | 6/4     | M12x1,25 | 3   | 14   | 10   | 22,5 | 15   | 10 | 12  | 18         |
| <b>1500 8/6-1/8</b>      | 8/6     | R1/8     | 5   | 13   | 7,5  | 22,5 | 15   | 10 | 14  | 19         |
| <b>1500 8/6-1/4</b>      | 8/6     | R1/4     | 5   | 15,5 | 11   | 22,5 | 15   | 10 | 14  | 21         |
| <b>1500 8/6-3/8</b>      | 8/6     | R3/8     | 5   | 17   | 11,5 | 24   | 16   | 12 | 14  | 29         |
| <b>1500 8/6-1/2</b>      | 8/6     | R1/2     | 5   | 21,5 | 14   | 27   | 19   | 16 | 14  | 48         |
| <b>1500 10/8-1/8</b>     | 10/8    | R1/8     | 6,5 | 15   | 7,5  | 25,5 | 17   | 12 | 16  | 29         |
| <b>1500 10/8-1/4</b>     | 10/8    | R1/4     | 6,5 | 17   | 11   | 25,5 | 17   | 12 | 16  | 29         |
| <b>1500 10/8-3/8</b>     | 10/8    | R3/8     | 6,5 | 16,5 | 11,5 | 25,5 | 17   | 12 | 16  | 33         |
| <b>1500 10/8-1/2</b>     | 10/8    | R1/2     | 6,5 | 21   | 14   | 28,5 | 20   | 16 | 16  | 58         |
| <b>1500 12/10-3/8</b>    | 12/10   | R3/8     | 8,5 | 19   | 11,5 | 30   | 20   | 14 | 19  | 44         |
| <b>1500 12/10-1/2</b>    | 12/10   | R1/2     | 8,5 | 21   | 14   | 30,5 | 20,5 | 16 | 19  | 59         |
| <b>1500 15/12,5-1/2</b>  | 15/12,5 | R1/2     | 11  | 21   | 14   | 34   | 22,5 | 16 | 22  | 67         |

## Fittings Mod. 1501 5/3-M5

Metric Fix Male Elbow

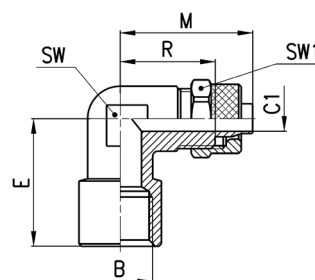


## DIMENSIONS

| Mod.               | Tube | A  | C1 | E  | H | M    | R  | SW | SW1 | Weight (g) |
|--------------------|------|----|----|----|---|------|----|----|-----|------------|
| <b>1501 5/3-M5</b> | 5/3  | M5 | 2  | 11 | 4 | 21,5 | 15 | 8  | 8   | 10         |

## Fittings Mod. 1493

BSP Female Elbow

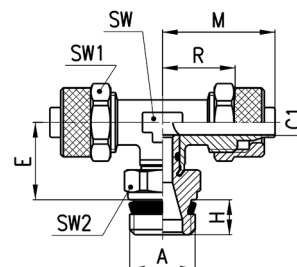


## DIMENSIONS

| Mod.                  | Tube  | B    | C1  | E    | M    | R    | SW | SW1 | Weight (g) |
|-----------------------|-------|------|-----|------|------|------|----|-----|------------|
| <b>1493 6/4-1/8</b>   | 6/4   | G1/8 | 3   | 19   | 22,5 | 15   | 10 | 12  | 20         |
| <b>1493 6/4-1/4</b>   | 6/4   | G1/4 | 3   | 23,5 | 26   | 18,5 | 14 | 12  | 34         |
| <b>1493 8/6-1/8</b>   | 8/6   | G1/8 | 5   | 19   | 22,5 | 15   | 10 | 14  | 21         |
| <b>1493 8/6-1/4</b>   | 8/6   | G1/4 | 5   | 23,5 | 26   | 19   | 14 | 14  | 34         |
| <b>1493 10/8-1/4</b>  | 10/8  | G1/4 | 6,5 | 23,5 | 27,5 | 18   | 14 | 16  | 39         |
| <b>1493 12/10-3/8</b> | 12/10 | G3/8 | 8,5 | 24,5 | 30,5 | 20,5 | 16 | 19  | 53         |

## Fittings Mod. 1431

Swivel Male Tee Sprint®

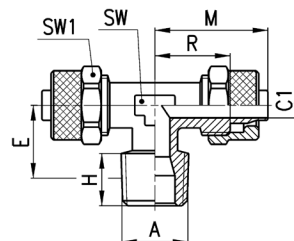


## DIMENSIONS

| Mod.                 | Tube | A    | C1  | E  | H   | M    | R  | SW | SW1 | SW2 | Weight (g) |
|----------------------|------|------|-----|----|-----|------|----|----|-----|-----|------------|
| <b>1431 6/4-1/8</b>  | 6/4  | G1/8 | 3   | 15 | 5,5 | 22,5 | 15 | 10 | 12  | 12  | 32         |
| <b>1431 6/4-1/4</b>  | 6/4  | G1/4 | 3   | 15 | 7   | 22,5 | 15 | 10 | 12  | 14  | 38         |
| <b>1431 8/6-1/8</b>  | 8/6  | G1/8 | 5   | 15 | 5,5 | 22,5 | 15 | 10 | 14  | 12  | 36         |
| <b>1431 8/6-1/4</b>  | 8/6  | G1/4 | 5   | 15 | 7   | 22,5 | 15 | 10 | 14  | 14  | 41         |
| <b>1431 10/8-1/4</b> | 10/8 | G1/4 | 6,5 | 16 | 7   | 25,5 | 17 | 12 | 16  | 14  | 54         |

## Fittings Mod. 1410

BSPT Fix Male Tee

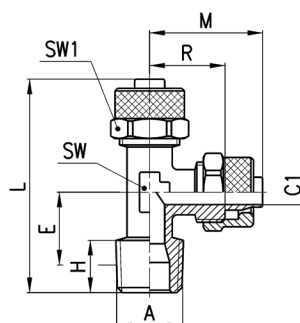


### DIMENSIONS

| Mod.             | Tube    | A    | C1  | E    | H    | M    | R    | SW | SW1 | Weight (g) |
|------------------|---------|------|-----|------|------|------|------|----|-----|------------|
| 1410 5/3-1/8     | 5/3     | R1/8 | 2   | 12,5 | 7,5  | 21,5 | 15   | 8  | 8   | 16         |
| 1410 6/4-1/8     | 6/4     | R1/8 | 3   | 12,5 | 7,5  | 22,5 | 15   | 8  | 12  | 25         |
| 1410 6/4-1/4     | 6/4     | R1/4 | 3   | 15,5 | 11   | 22,5 | 15   | 10 | 12  | 32         |
| 1410 8/6-1/8     | 8/6     | R1/8 | 5   | 13   | 7,5  | 22,5 | 15   | 10 | 14  | 31         |
| 1410 8/6-1/4     | 8/6     | R1/4 | 5   | 15,5 | 11   | 22,5 | 15   | 10 | 14  | 35         |
| 1410 10/8-1/8    | 10/8    | R1/8 | 6,5 | 15   | 7,5  | 25,5 | 17   | 12 | 16  | 47         |
| 1410 10/8-1/4    | 10/8    | R1/4 | 6,5 | 17   | 11   | 25,5 | 17   | 12 | 16  | 50         |
| 1410 10/8-1/2    | 10/8    | R1/2 | 6,5 | 21,5 | 14   | 28,5 | 20   | 16 | 16  | 80         |
| 1410 12/10-3/8   | 12/10   | R3/8 | 8,5 | 19   | 11,5 | 30   | 20   | 14 | 19  | 77         |
| 1410 12/10-1/2   | 12/10   | R1/2 | 8,5 | 21,5 | 14   | 30,5 | 20,5 | 16 | 19  | 92         |
| 1410 15/12,5-1/2 | 15/12,5 | R1/2 | 11  | 21,5 | 14   | 34   | 22,5 | 16 | 22  | 107        |

## Fittings Mod. 1420

Lateral BSPT Male Tee

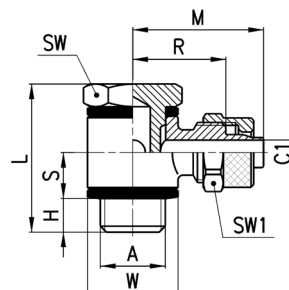


### DIMENSIONS

| Mod.          | Tube | A    | C1  | E    | H   | L    | M    | R  | SW | SW1 | Weight (g) |
|---------------|------|------|-----|------|-----|------|------|----|----|-----|------------|
| 1420 5/3-1/8  | 5/3  | R1/8 | 2   | 12,5 | 7,5 | 37,5 | 21,5 | 15 | 8  | 8   | 15         |
| 1420 6/4-1/8  | 6/4  | R1/8 | 3   | 12,5 | 7,5 | 38,5 | 22,5 | 15 | 8  | 12  | 23         |
| 1420 6/4-1/4  | 6/4  | R1/4 | 3   | 15,5 | 11  | 43   | 22,5 | 15 | 10 | 12  | 29         |
| 1420 8/6-1/8  | 8/6  | R1/8 | 5   | 13   | 7,5 | 39   | 22,5 | 15 | 10 | 14  | 31         |
| 1420 8/6-1/4  | 8/6  | R1/4 | 5   | 15,5 | 11  | 43   | 22,5 | 15 | 10 | 14  | 34         |
| 1420 10/8-1/8 | 10/8 | R1/8 | 6,5 | 15   | 7,5 | 43,5 | 25,5 | 17 | 12 | 16  | 46         |
| 1420 10/8-1/4 | 10/8 | R1/4 | 6,5 | 17   | 11  | 47   | 25,5 | 17 | 12 | 16  | 50         |

## Fittings Mod. 1521

Complete Metric-BSP  
Single Adjustable Banjo

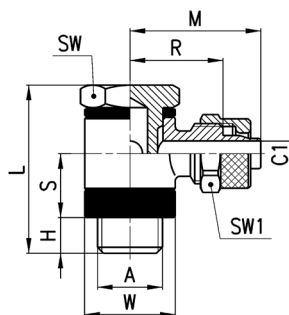


## DIMENSIONS

| Mod.                | Tube | A    | C1 | H | L    | S   | M    | R    | W    | SW | SW1 | Weight (g) |
|---------------------|------|------|----|---|------|-----|------|------|------|----|-----|------------|
| <b>1521 5/3-M5</b>  | 5/3  | M5   | 2  | 3 | 18   | 4,5 | 17   | 10,5 | Ø 9  | 8  | 8   | 10         |
| <b>1521 5/3-1/8</b> | 5/3  | G1/8 | 2  | 6 | 27   | 8,5 | 22,5 | 16   | Ø 14 | 14 | 8   | 26         |
| <b>1521 6/4-M5</b>  | 6/4  | M5   | 3  | 3 | 18   | 4,5 | 18   | 10,5 | Ø 9  | 8  | 9   | 11         |
| <b>1521 6/4-1/8</b> | 6/4  | G1/8 | 3  | 6 | 27   | 8,5 | 24   | 16,5 | Ø 14 | 14 | 12  | 31         |
| <b>1521 6/4-1/4</b> | 6/4  | G1/4 | 3  | 8 | 29,5 | 8,5 | 26   | 18,5 | Ø 18 | 17 | 12  | 48         |
| <b>1521 6/4-3/8</b> | 6/4  | G3/8 | 3  | 8 | 30   | 8,5 | 28   | 20,5 | Ø 21 | 19 | 12  | 57         |
| <b>1521 8/6-1/8</b> | 8/6  | G1/8 | 5  | 6 | 27   | 8,5 | 24   | 16,5 | Ø 14 | 14 | 14  | 34         |
| <b>1521 8/6-1/4</b> | 8/6  | G1/4 | 5  | 8 | 29,5 | 8,5 | 26   | 18,5 | Ø 18 | 17 | 14  | 46         |
| <b>1521 8/6-3/8</b> | 8/6  | G3/8 | 5  | 8 | 30   | 8,5 | 28   | 20,5 | Ø 21 | 19 | 14  | 64         |

## Fittings Mod. 1525

Complete Single  
Adjustable Long Banjo

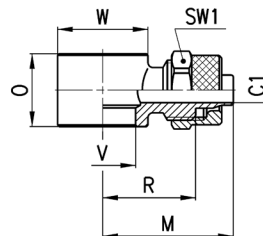


## DIMENSIONS

| Mod.                    | Tube    | A    | C1  | H | L    | S    | M    | R    | W   | SW | SW1 | Weight (g) |
|-------------------------|---------|------|-----|---|------|------|------|------|-----|----|-----|------------|
| <b>1525 6/4-1/8</b>     | 6/4     | G1/8 | 3   | 6 | 31   | 12,5 | 24   | 16,5 | Ø14 | 14 | 12  | 35         |
| <b>1525 6/4-1/4</b>     | 6/4     | G1/4 | 3   | 8 | 33,5 | 12,5 | 26   | 18,5 | Ø18 | 17 | 12  | 48         |
| <b>1525 6/4-3/8</b>     | 6/4     | G3/8 | 3   | 8 | 34   | 12,5 | 28   | 20,5 | Ø21 | 19 | 12  | 60         |
| <b>1525 8/6-1/8</b>     | 8/6     | G1/8 | 5   | 6 | 31   | 12,5 | 24   | 16,5 | Ø14 | 14 | 14  | 35         |
| <b>1525 8/6-1/4</b>     | 8/6     | G1/4 | 5   | 8 | 33,5 | 12,5 | 26   | 18,5 | Ø18 | 17 | 14  | 54         |
| <b>1525 8/6-3/8</b>     | 8/6     | G3/8 | 5   | 8 | 34   | 12,5 | 28   | 20,5 | Ø21 | 19 | 14  | 64         |
| <b>1525 10/8-1/8</b>    | 10/8    | G1/8 | 6,5 | 6 | 31   | 12,5 | 25   | 16,5 | Ø14 | 14 | 16  | 38         |
| <b>1525 10/8-1/4</b>    | 10/8    | G1/4 | 6,5 | 8 | 33,5 | 12,5 | 27   | 18,5 | Ø18 | 17 | 16  | 57         |
| <b>1525 10/8-3/8</b>    | 10/8    | G3/8 | 6,5 | 8 | 34   | 12,5 | 29,5 | 21   | Ø21 | 19 | 16  | 69         |
| <b>1525 10/8-1/2</b>    | 10/8    | G1/2 | 6,5 | 9 | 35   | 12,5 | 32   | 23,5 | Ø26 | 27 | 16  | 112        |
| <b>1525 12/10-3/8</b>   | 12/10   | G3/8 | 8   | 8 | 34   | 12,5 | 31,5 | 21,5 | Ø21 | 19 | 19  | 77         |
| <b>1525 12/10-1/2</b>   | 12/10   | G1/2 | 8,5 | 9 | 35   | 12,5 | 33,5 | 23,5 | Ø26 | 27 | 19  | 111        |
| <b>1525 15/12,5-1/2</b> | 15/12,5 | G1/2 | 11  | 9 | 35   | 12,5 | 36,5 | 25   | Ø26 | 27 | 22  | 120        |

## Fittings Mod. 1610

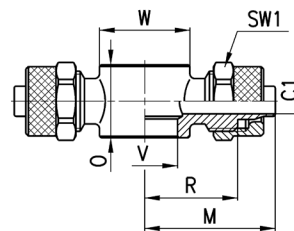
### Single Banjo



| DIMENSIONS       |         |     |      |      |      |      |      |     |            |                              |
|------------------|---------|-----|------|------|------|------|------|-----|------------|------------------------------|
| Mod.             | Tube    | C1  | M    | O    | R    | V    | W    | SW1 | Weight (g) | assembled with Mod.          |
| 1610 5/3-M5      | 5/3     | 2   | 17   | 9    | 10.5 | 5.1  | Ø 9  | 8   | 8          | 1631, 1635                   |
| 1610 5/3-M6      | 5/3     | 2   | 17   | 9    | 10.5 | 5.1  | Ø 9  | 8   | 7          | SCU, SVU, SCO...             |
| 1610 5/3-1/8     | 5/3     | 2   | 22.5 | 14.5 | 16   | 9.8  | Ø 14 | 8   | 13         | 1631, 1635, SCU, SVU, SCO... |
| 1610 6/4-M5      | 6/4     | 3   | 18   | 9    | 10.5 | 5.1  | Ø 9  | 9   | 8          | 1631, 1635                   |
| 1610 6/4-M6      | 6/4     | 2   | 18   | 9    | 10.5 | 5.1  | Ø 9  | 9   | 8          | SCU, SVU, SCO...             |
| 1610 6/4-1/8     | 6/4     | 3   | 24   | 14.5 | 16.5 | 9.8  | Ø 14 | 12  | 18         | 1631, 1635, SCU, SVU, SCO... |
| 1610 6/4-1/4     | 6/4     | 3   | 26   | 14.5 | 18.5 | 13.2 | Ø 18 | 12  | 21         | 1631, 1635, SCU, SVU, SCO... |
| 1610 6/4-3/8     | 6/4     | 3   | 28   | 14.5 | 20.5 | 16.7 | Ø 21 | 12  | 22         | 1631, 1635, SCU, SVU, SCO... |
| 1610 8/6-1/8     | 8/6     | 5   | 24   | 14.5 | 16.5 | 9.8  | Ø 14 | 14  | 19         | 1631, 1635, SCU, SVU, SCO... |
| 1610 8/6-1/4     | 8/6     | 5   | 26   | 14.5 | 18.5 | 13.2 | Ø 18 | 14  | 22         | 1631, 1635, SCU, SVU, SCO... |
| 1610 8/6-3/8     | 8/6     | 5   | 28   | 14.5 | 20.5 | 16.7 | Ø 21 | 14  | 25         | 1631, 1635, SCU, SVU, SCO... |
| 1610 10/8-1/8    | 10/8    | 6.5 | 25   | 14.5 | 16.5 | 9.8  | Ø 14 | 16  | 25         | 1635, SCU, SVU, SCO...       |
| 1610 10/8-1/4    | 10/8    | 6.5 | 27   | 14.5 | 18.5 | 13.2 | Ø 18 | 16  | 24         | 1635, SCU, SVU, SCO...       |
| 1610 10/8-3/8    | 10/8    | 6.5 | 29.5 | 14.5 | 21   | 16.7 | Ø 21 | 16  | 28         | 1635, SCU, SVU, SCO...       |
| 1610 10/8-1/2    | 10/8    | 6.5 | 32   | 14.5 | 23.5 | 21   | Ø 26 | 16  | 35         | 1635                         |
| 1610 12/10-3/8   | 12/10   | 8   | 31.5 | 14.5 | 21.5 | 16.7 | Ø 21 | 19  | 36         | 1635, SCU, SVU, SCO...       |
| 1610 12/10-1/2   | 12/10   | 8.5 | 33.5 | 14.5 | 23.5 | 21   | Ø 26 | 19  | 40         | 1635                         |
| 1610 15/12,5-1/2 | 15/12,5 | 11  | 36.5 | 14.5 | 25   | 21   | Ø 26 | 22  | 48         | 1635                         |

## Fittings Mod. 1620

### Double Banjo



| DIMENSIONS   |      |    |    |      |      |      |      |     |            |                              |
|--------------|------|----|----|------|------|------|------|-----|------------|------------------------------|
| Mod.         | Tube | C1 | M  | O    | R    | V    | W    | SW1 | Weight (g) | assembled with Mod.          |
| 1620 6/4-M5  | 6/4  | 3  | 18 | 9    | 10.5 | 5.1  | Ø 9  | 9   | 12         | 1631, 1635                   |
| 1620 6/4-1/8 | 6/4  | 3  | 24 | 14.5 | 16.5 | 9.8  | Ø 14 | 12  | 29         | 1631, 1635, SCU, SVU, SCO... |
| 1620 6/4-1/4 | 6/4  | 3  | 26 | 14.5 | 18.5 | 13.2 | Ø 18 | 12  | 31         | 1631, 1635, SCU, SVU, SCO... |
| 1620 8/6-1/8 | 8/6  | 5  | 24 | 14.5 | 16.5 | 9.8  | Ø 14 | 14  | 31         | 1631, 1635, SCU, SVU, SCO... |
| 1620 8/6-1/4 | 8/6  | 5  | 26 | 14.5 | 18.5 | 13.2 | Ø 18 | 14  | 34         | 1631, 1635, SCU, SVU, SCO... |

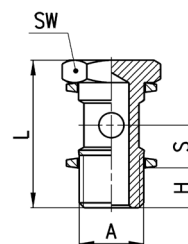


## Fittings Mod. 1631 01

## Single Banjo Stem



Assembled with adjustable fittings Mod. 6610; 6620;  
1610; 1620; 2023; 1170



## DIMENSIONS

| Mod.               | A    | H | L    | S   | SW | Weight (g) |
|--------------------|------|---|------|-----|----|------------|
| <b>1631 01-M5</b>  | M5   | 4 | 18   | 5,5 | 8  | 3 *        |
| <b>1631 01-1/8</b> | G1/8 | 6 | 27   | 8,5 | 14 | 13         |
| <b>1631 01-1/4</b> | G1/4 | 8 | 29,5 | 8,5 | 17 | 24         |
| <b>1631 01-3/8</b> | G3/8 | 8 | 30   | 8,5 | 19 | 35         |
| <b>1631 01-1/2</b> | G1/2 | 9 | 31   | 8,5 | 27 | 63         |

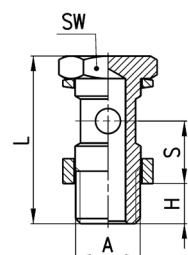
\* = zinc-plated steel

## Fittings Mod. 1635 01

## Single Long Banjo Stem



Assembled with adjustable fittings Mod. 6610; 6620;  
1610; 1620; 2023; 1170



## DIMENSIONS

| Mod.                    | A        | H | L    | S    | SW | Weight (g) |
|-------------------------|----------|---|------|------|----|------------|
| <b>1635 01-1/8</b>      | G1/8     | 6 | 31   | 12,5 | 14 | 15         |
| <b>1635 01-1/4</b>      | G1/4     | 8 | 33,5 | 12,5 | 17 | 27         |
| <b>1635 01-3/8</b>      | G3/8     | 8 | 34   | 12,5 | 19 | 37         |
| <b>1635 01-1/2</b>      | G1/2     | 9 | 35   | 12,5 | 27 | 71         |
| <b>1635 01-M12x1,25</b> | M12x1,25 | 8 | 33,5 | 12,5 | 17 | 27 *       |
| <b>1635 01-M12x1,5</b>  | M12x1,5  | 8 | 33,5 | 12,5 | 17 | 27 *       |

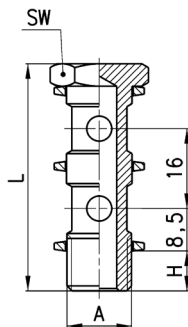
\* = models that can be assembled  
with 1/4 banjo fittings

## Fittings Mod. 1631 02

## Double Banjo Stem



Assembled with adjustable fittings Mod. 6610; 6620;  
1610; 1620; 2023; 1170



## DIMENSIONS

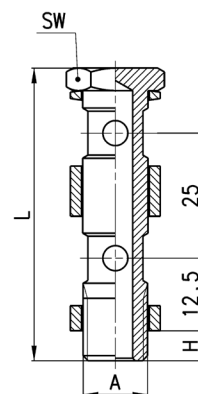
| Mod.               | A    | H | L    | SW | Weight (g) |
|--------------------|------|---|------|----|------------|
| <b>1631 02-1/8</b> | G1/8 | 6 | 43   | 14 | 18         |
| <b>1631 02-1/4</b> | G1/4 | 8 | 45,5 | 17 | 33         |
| <b>1631 02-3/8</b> | G3/8 | 8 | 46   | 19 | 48         |



### Fittings Mod. 1635 02

Double Long Banjo Stem

Assembled with adjustable fittings Mod. 6610; 6620; 1610; 1620; 2023; 1170



#### DIMENSIONS

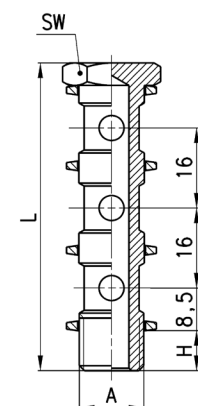
| Mod.               | A    | H | L    | SW | Weight (g) |
|--------------------|------|---|------|----|------------|
| <b>1635 02-1/8</b> | G1/8 | 6 | 56   | 14 | 26         |
| <b>1635 02-1/4</b> | G1/4 | 8 | 58,5 | 17 | 33         |
| <b>1635 02-3/8</b> | G3/8 | 8 | 59   | 19 | 64         |
| <b>1635 02-1/2</b> | G1/2 | 9 | 60   | 27 | 111        |



### Fittings Mod. 1631 03

Triple Banjo Stem

Assembled with adjustable fittings Mod. 6610; 6620; 1610; 1620; 2023; 1170



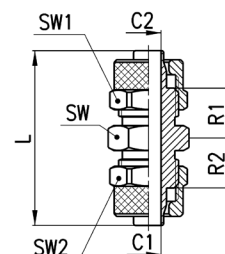
#### DIMENSIONS

| Mod.               | A    | H | L    | SW | Weight (g) |
|--------------------|------|---|------|----|------------|
| <b>1631 03-1/8</b> | G1/8 | 6 | 59   | 14 | 24         |
| <b>1631 03-1/4</b> | G1/4 | 8 | 61,5 | 17 | 42         |
| <b>1631 03-3/8</b> | G3/8 | 8 | 62   | 19 | 62         |



### Fittings Mod. 1580

Union Connector

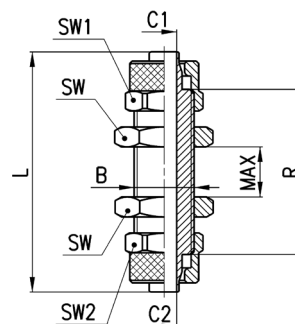


#### DIMENSIONS

| Mod.                 | Tube     | C1  | C2  | L    | R1   | R2   | SW | SW1 | SW2 | Weight (g) |
|----------------------|----------|-----|-----|------|------|------|----|-----|-----|------------|
| <b>1580 5/3</b>      | 5/3      | 2   | 2   | 28,5 | 7,5  | 7,5  | 8  | 8   | 8   | 8          |
| <b>1580 6/4</b>      | 6/4      | 3   | 3   | 34,5 | 10   | 10   | 12 | 12  | 12  | 22         |
| <b>1580 8/6</b>      | 8/6      | 5   | 5   | 34,5 | 9,75 | 9,75 | 13 | 14  | 14  | 28         |
| <b>1580 10/8</b>     | 10/8     | 6,5 | 6,5 | 38   | 10,5 | 10,5 | 14 | 16  | 16  | 38         |
| <b>1580 12/10</b>    | 12/10    | 8,5 | 8,5 | 41   | 10,5 | 10,5 | 17 | 19  | 19  | 55         |
| <b>1580 15/12,5</b>  | 15/12,5  | 11  | 11  | 45   | 11   | 11   | 22 | 22  | 22  | 80         |
| <b>1580 8/6-6/4</b>  | 8/6-6/4  | 5   | 3   | 34,5 | 9,75 | 9,75 | 13 | 12  | 14  | 24         |
| <b>1580 10/8-6/4</b> | 10/8-6/4 | 6,5 | 3   | 36,5 | 10,5 | 10   | 14 | 12  | 16  | 31         |

## Fittings Mod. 1590

Bulkhead Union Reducer

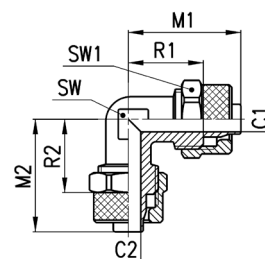


## DIMENSIONS

| Mod.                | Tube    | B       | C1  | C2  | L  | R  | MAX | SW | SW1 | SW2 | Weight (g) |
|---------------------|---------|---------|-----|-----|----|----|-----|----|-----|-----|------------|
| <b>1590 5/3</b>     | 5/3     | M7x0,75 | 2   | 2   | 40 | 27 | 9   | 8  | 8   | 8   | 12         |
| <b>1590 6/4</b>     | 6/4     | M10x1   | 3   | 3   | 48 | 33 | 14  | 14 | 12  | 12  | 33         |
| <b>1590 8/6</b>     | 8/6     | M12x1   | 5   | 5   | 48 | 33 | 12  | 17 | 14  | 14  | 43         |
| <b>1590 10/8</b>    | 10/8    | M14x1   | 6,5 | 6,5 | 48 | 31 | 10  | 17 | 16  | 16  | 52         |
| <b>1590 12/10</b>   | 12/10   | M16x1   | 8,5 | 8,5 | 53 | 33 | 10  | 19 | 19  | 19  | 71         |
| <b>1590 6/4-5/3</b> | 6/4-5/3 | M10x1   | 3   | 2   | 48 | 34 | 14  | 14 | 12  | 12  | 33         |
| <b>1590 8/6-6/4</b> | 8/6-6/4 | M12x1   | 5   | 3   | 48 | 33 | 12  | 17 | 14  | 14  | 44         |

## Fittings Mod. 1550

Elbow Connector

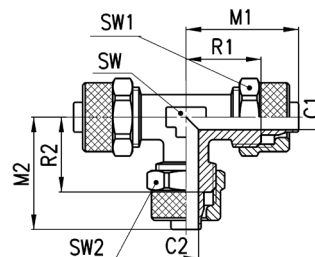


## DIMENSIONS

| Mod.                | Tube    | C1  | C2  | M1   | M2   | R1   | R2   | SW | SW1 | Weight (g) |
|---------------------|---------|-----|-----|------|------|------|------|----|-----|------------|
| <b>1550 6/4</b>     | 6/4     | 3   | 3   | 22,5 | 22,5 | 15   | 15   | 8  | 12  | 21         |
| <b>1550 8/6</b>     | 8/6     | 5   | 5   | 22,5 | 22,5 | 15   | 15   | 10 | 14  | 27         |
| <b>1550 10/8</b>    | 10/8    | 6,5 | 6,5 | 25,5 | 25,5 | 17   | 17   | 12 | 16  | 40         |
| <b>1550 12/10</b>   | 12/10   | 8,5 | 8,5 | 30   | 30   | 20   | 20   | 14 | 19  | 61         |
| <b>1550 15/12,5</b> | 15/12,5 | 11  | 11  | 34   | 34   | 22,5 | 22,5 | 16 | 22  | 88         |

## Fittings Mod. 1540

Tee Connector



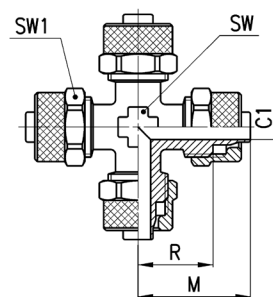
## DIMENSIONS

| Mod.                 | Tube     | C1  | C2  | M1   | M2   | R1   | R2   | SW | SW1 | SW2 | Weight (g) |
|----------------------|----------|-----|-----|------|------|------|------|----|-----|-----|------------|
| <b>1540 5/3</b>      | 5/3      | 2   | 2   | 21,5 | 21,5 | 15   | 15   | 8  | 8   | 8   | 17         |
| <b>1540 6/4</b>      | 6/4      | 3   | 3   | 22,5 | 22,5 | 15   | 15   | 8  | 12  | 12  | 31         |
| <b>1540 8/6</b>      | 8/6      | 5   | 5   | 22,5 | 22,5 | 15   | 15   | 10 | 14  | 14  | 39         |
| <b>1540 10/8</b>     | 10/8     | 6,5 | 6,5 | 25,5 | 25,5 | 17   | 17   | 12 | 16  | 16  | 58         |
| <b>1540 12/10</b>    | 12/10    | 8,5 | 8,5 | 30   | 30   | 20   | 20   | 14 | 19  | 19  | 90         |
| <b>1540 15/12,5</b>  | 15/12,5  | 11  | 11  | 34   | 34   | 22,5 | 22,5 | 16 | 22  | 22  | 128        |
| <b>1540 8/6-6/4</b>  | 8/6-6/4  | 5   | 3   | 22,5 | 22,5 | 15   | 15   | 10 | 14  | 12  | 38         |
| <b>1540 10/8-6/4</b> | 10/8-6/4 | 6,5 | 3   | 25,5 | 23,5 | 17   | 16,5 | 12 | 16  | 12  | 50         |
| <b>1540 10/8-8/6</b> | 10/8-8/6 | 6,5 | 5   | 25,5 | 24   | 17   | 16,5 | 12 | 16  | 14  | 53         |



Fittings Mod. 1600

Cross Connector



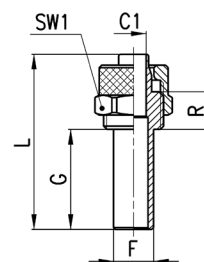
#### DIMENSIONS

| Mod.            | Tube | C1 | M    | R  | SW | SW1 | Weight (g) |
|-----------------|------|----|------|----|----|-----|------------|
| <b>1600 6/4</b> | 6/4  | 3  | 22,5 | 15 | 8  | 12  | 41         |
| <b>1600 8/6</b> | 8/6  | 5  | 22,5 | 15 | 10 | 14  | 52         |



Fittings Mod. 1470

Adaptor with Junction



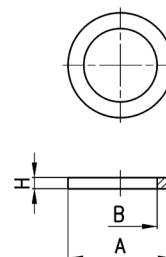
#### DIMENSIONS

| Mod.            | Tube | F | C1 | G  | L  | R   | SW1 | Weight (g) |
|-----------------|------|---|----|----|----|-----|-----|------------|
| <b>1470 6/4</b> | 6/4  | 6 | 3  | 20 | 35 | 7,5 | 12  | 11         |
| <b>1470 8/6</b> | 8/6  | 8 | 5  | 20 | 35 | 7,5 | 14  | 15         |



Accessories Mod. 2651

Aluminium Washer

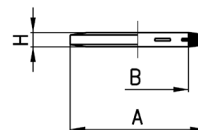


#### DIMENSIONS

| Mod.            | A    | B    | H   | Weight (g) |
|-----------------|------|------|-----|------------|
| <b>2651 1/8</b> | 14   | 9,8  | 1,5 | 1          |
| <b>2651 1/4</b> | 18   | 13,2 | 1,5 | 1          |
| <b>2651 3/8</b> | 22   | 16,7 | 1,5 | 1          |
| <b>2651 1/2</b> | 26   | 20,9 | 1,5 | 1          |
| <b>2651 1</b>   | 38,5 | 33,4 | 1,5 | 2          |

## Accessories Mod. 2661

Plastic Washer

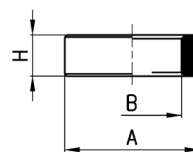


## DIMENSIONS

| Mod.            | A   | B    | H   | Weight (g) |
|-----------------|-----|------|-----|------------|
| <b>2661 M3</b>  | 4,9 | 2,8  | 0,7 | 1          |
| <b>2661 M5</b>  | 8   | 5,2  | 1   | 1          |
| <b>2661 M6</b>  | 9   | 6,2  | 1   | 1          |
| <b>2661 1/8</b> | 14  | 10,2 | 1,9 | 1          |
| <b>2661 1/4</b> | 18  | 13,5 | 1,9 | 1          |
| <b>2661 3/8</b> | 21  | 16,5 | 2,1 | 1          |
| <b>2661 1/2</b> | 26  | 21,2 | 1,9 | 1          |

## Accessories Mod. 2665

Plastic Washer

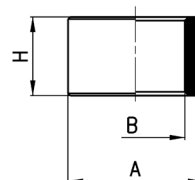
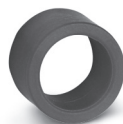


## DIMENSIONS

| Mod.            | A  | B    | H | Weight (g) |
|-----------------|----|------|---|------------|
| <b>2665 1/8</b> | 14 | 9,8  | 5 | 1          |
| <b>2665 1/4</b> | 18 | 13,2 | 5 | 1          |
| <b>2665 3/8</b> | 21 | 16,8 | 5 | 1          |
| <b>2665 1/2</b> | 26 | 21,1 | 5 | 1          |

## Accessories Mod. 2669

Plastic Washer

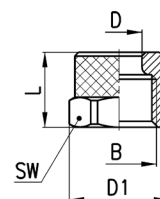


## DIMENSIONS

| Mod.            | A  | B    | H  | Weight (g) |
|-----------------|----|------|----|------------|
| <b>2669 1/8</b> | 14 | 9,8  | 10 | 1          |
| <b>2669 1/4</b> | 18 | 13,2 | 10 | 2          |
| <b>2669 3/8</b> | 21 | 16,8 | 10 | 2          |
| <b>2669 1/2</b> | 26 | 21,1 | 10 | 2          |

## Accessories Mod. 1703

### Blocking nut

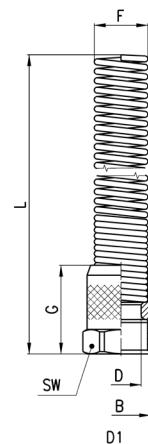


#### DIMENSIONS

| Mod.                      | Tube    | B       | D     | D1   | L    | SW1 | Weight (g) |
|---------------------------|---------|---------|-------|------|------|-----|------------|
| <b>1703 5/3-M7x0,75</b>   | 5/3     | M7x0,75 | 5,1   | 8,8  | 8,5  | 8   | 1          |
| <b>1703 6/4-M8x0,75</b>   | 6/4     | M8x0,75 | 6,1   | 9,8  | 8,5  | 9   | 2          |
| <b>1703 6/4-M10x1</b>     | 6/4     | M10x1   | 6,1   | 13,3 | 10   | 12  | 4          |
| <b>1703 8/6-M12x1</b>     | 8/6     | M12x1   | 8,2   | 15,5 | 10   | 14  | 5          |
| <b>1703 10/8-M14x1</b>    | 10/8    | M14x1   | 10,15 | 17,5 | 13   | 16  | 8          |
| <b>1703 12/10-M16x1</b>   | 12/10   | M16x1   | 12,2  | 21   | 13,5 | 19  | 12         |
| <b>1703 15/12,5-M20x1</b> | 15/12,5 | M20x1   | 15,2  | 24,5 | 16   | 22  | 15         |

## Accessories Mod. 1723

### Blocking nut with metal spring



#### DIMENSIONS

| Mod.                      | Tube    | B     | F    | D     | D1   | G    | L    | SW | Weight (g) |
|---------------------------|---------|-------|------|-------|------|------|------|----|------------|
| <b>1723 6/4-M10x1</b>     | 6/4     | M10x1 | 8,9  | 6,1   | 13,3 | 18   | 90,5 | 12 | 15         |
| <b>1723 8/6-M12x1</b>     | 8/6     | M12x1 | 10,9 | 8,2   | 15,5 | 18   | 94,5 | 14 | 23         |
| <b>1723 10/8-M14x1</b>    | 10/8    | M14x1 | 12,5 | 10,15 | 17,5 | 22   | 96,5 | 16 | 29         |
| <b>1723 12/10-M16x1</b>   | 12/10   | M16x1 | 15,5 | 12,2  | 21   | 23,5 | 108  | 19 | 46         |
| <b>1723 15/12,5-M20x1</b> | 15/12,5 | M20x1 | 18,5 | 15,2  | 24,5 | 28   | 120  | 22 | 57         |