

# Raccords à coiffe en laiton pour tube plastique Série 1000

Tube Ø: 5/3 - 6/4 - 8/6 - 10/8 - 12/10 - 15/12,5 mm  
Raccordement: métrique (M5, M6, M12x1, M12x1,25),  
BSP (G1/8", G1/4", G3/8", G1/2"), BSPT (R1/8", R1/4", R3/8", R1/2")

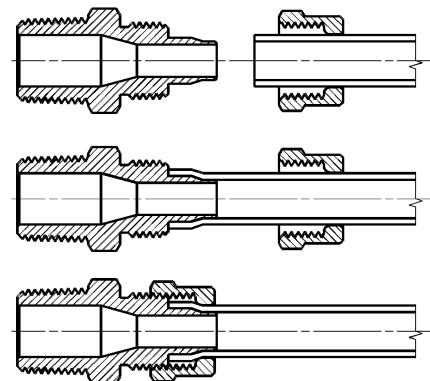


Les raccords à coiffe peuvent-être montés sans l'aide d'outillage, y compris avec des tubes rigides type PA ou PSS  
L'écrou de serrage est prévu aussi bien pour un montage manuel que pour un montage avec une clé.  
La forme particulière du cône d'attaque évite de blesser le tube.

## CARACTERISTIQUES GENERALES

|                     |                                                                                                                                      |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| <b>Diamètre</b>     | Ø 5/3 - 6/4 - 8/6 - 10/8 - 12/10 - 15/12,5 mm                                                                                        |
| <b>Raccordement</b> | Gaz conique ISO 7 ( BSPT ) - Gaz cylindrique ISO 228 ( BSP )<br>M5 et M6 et autres filetages métriques sur demande - NPT sur demande |
| <b>Température</b>  | -20°C ÷ 80°C<br>NOTE : pour une meilleure utilisation des raccords à coiffe, vérifier les caractéristiques du tube utilisé.          |
| <b>Tube utilisé</b> | PA - PE - PU - PSS - PVC renforcé                                                                                                    |
| <b>Fluide</b>       | Air comprimé et fluide basse pression.                                                                                               |
| <b>Matériaux</b>    | corps et écrou laiton nickelé, bague d'étanchéité PTFE/PA, AL                                                                        |
| <b>Pression</b>     | La pression nominale du raccord est toujours supérieure à la pression d'utilisation du tube                                          |

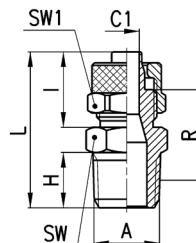
## Raccord avec tube de liaison



### Raccord Mod. 1510



Droit Mâle Métrique-Conique

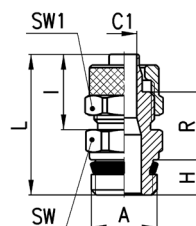


| DIMENSIONS        |         |          |     |      |      |      |      |    |     |           |
|-------------------|---------|----------|-----|------|------|------|------|----|-----|-----------|
| Mod.              | Tube    | A        | C1  | H    | I    | L    | R    | SW | SW1 | Poids (g) |
| 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        |

### Raccord Mod. 1511



Droit Mâle Métrique-Cylindrique Sprint®



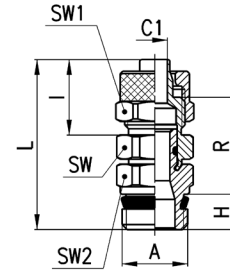
| DIMENSIONS       |         |      |     |     |      |      |      |    |     |           |
|------------------|---------|------|-----|-----|------|------|------|----|-----|-----------|
| Mod.             | Tube    | A    | C1  | H   | I    | L    | R    | SW | SW1 | Poids (g) |
| 1511 5/3-M5      | 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        |

\* = avec joint torique

### Raccord Mod. 1560



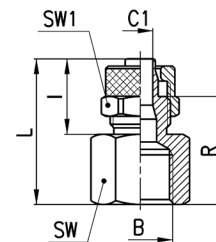
Droit Mâle Orientable Cylindrique Sprint®



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

### Raccord Mod. 1463

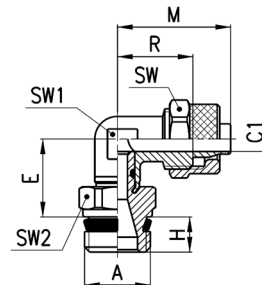
Droit Femelle cylindrique



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

**Raccord Mod. 1541**

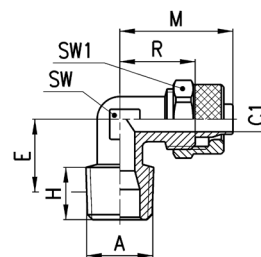
Coude Mâle Orientable Cylindrique Sprint®



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

**Raccord Mod. 1500**

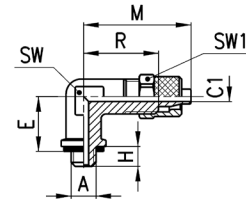
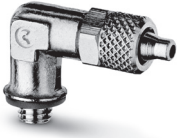
Coude Mâle Fixe Métrique-Conique



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

### Raccord Mod. 1501 5/3-M5

Coude Mâle Fixe Métrique

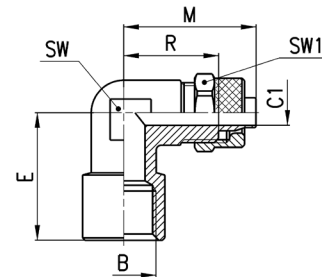


**DIMENSIONS**

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

### Raccord Mod. 1493

Coude Femelle Cylindrique

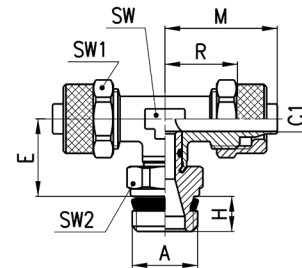


**DIMENSIONS**

| Mod.           | Tube  | B    | C1  | E    | M    | R    | SW | SW1 | Poids (g) |
|----------------|-------|------|-----|------|------|------|----|-----|-----------|
| 1493 6/4-1/8   | 6/4   | G1/8 | 3   | 19   | 22.5 | 15   | 10 | 12  | 20        |
| 1493 6/4-1/4   | 6/4   | G1/4 | 3   | 23,5 | 26   | 18.5 | 14 | 12  | 34        |
| 1493 8/6-1/8   | 8/6   | G1/8 | 5   | 19   | 22.5 | 15   | 10 | 14  | 21        |
| 1493 8/6-1/4   | 8/6   | G1/4 | 5   | 23,5 | 26   | 19   | 14 | 14  | 34        |
| 1493 10/8-1/4  | 10/8  | G1/4 | 6.5 | 23,5 | 27.5 | 18   | 14 | 16  | 39        |
| 1493 12/10-3/8 | 12/10 | G3/8 | 8.5 | 26   | 30.5 | 20.5 | 16 | 19  | 53        |

### Raccord Mod. 1431

T Mâle au Centre Orientable  
Cylindrique Sprint®

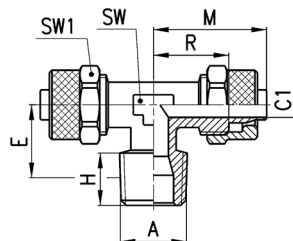


**DIMENSIONS**

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

**Raccord Mod. 1410**

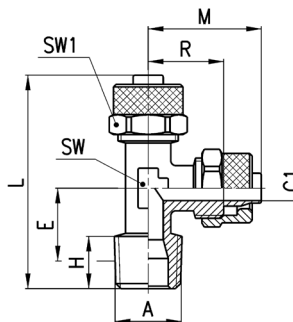
T Mâle au Centre Fixe Conique



| DIMENSIONS       |         |      |     |      |      |      |      |    |     |           |
|------------------|---------|------|-----|------|------|------|------|----|-----|-----------|
| Mod.             | Tube    | A    | C1  | E    | H    | M    | R    | SW | SW1 | Poids (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       |

**Raccord Mod. 1420**

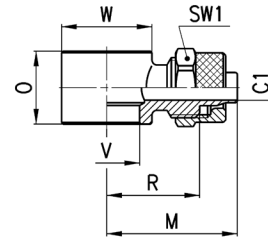
T Mâle Renversé Conique



| DIMENSIONS    |      |      |     |      |     |      |      |    |    |     |           |
|---------------|------|------|-----|------|-----|------|------|----|----|-----|-----------|
| Mod.          | Tube | A    | C1  | E    | H   | L    | M    | R  | SW | SW1 | Poids (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        |

## Raccord Mod. 1610

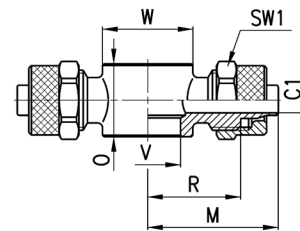
### Banjo Simple



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

## Raccord Mod. 1620

### Banjo Double



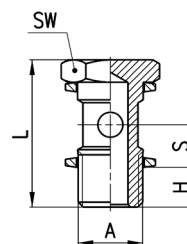
| DIMENSIONS   |      |    |    |      |      |      |      |     |           |                              |
|--------------|------|----|----|------|------|------|------|-----|-----------|------------------------------|
| Mod.         | Tube | C1 | M  | O    | R    | V    | W    | SW1 | Poids (g) |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

### Raccord Mod. 1631 01

Vis Basse Simple Etage



Assemblage avec banjo Mod. 6610; 6620; 1610; 1620; 2023; 1170



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

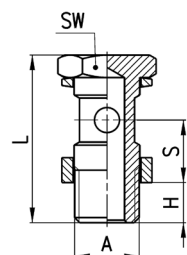
\* = Acier zingué

### Raccord Mod. 1635 01

Vis Haute Simple Etage



Assemblage avec banjo Mod. 6610; 6620; 1610; 1620; 2023; 1170



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

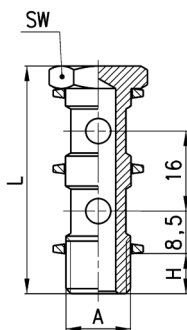
\* = Assemblage avec banjo 1/4"

### Raccord Mod. 1631 02

Vis Basse Double Etage



Assemblage avec banjo Mod. 6610; 6620; 1610; 1620; 2023; 1170



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

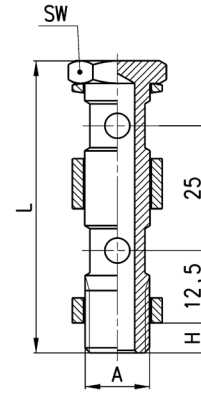


### Raccord Mod. 1635 02



Vis Haute Double Etage

Assemblage avec banjo Mod. 6610; 6620; 1610; 1620; 2023; 1170



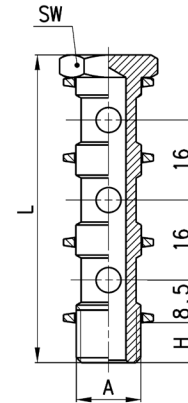
| DIMENSIONS  |      |   |      |    |           |
|-------------|------|---|------|----|-----------|
| Mod.        | A    | H | L    | SW | Poids (g) |
| 1635 02-1/8 | G1/8 | 6 | 56   | 14 | 26        |
| 1635 02-1/4 | G1/4 | 8 | 58,5 | 17 | 33        |
| 1635 02-3/8 | G3/8 | 8 | 59   | 19 | 64    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

### Raccord Mod. 1631 03



Vis Basse Triple Etage

Assemblage avec banjo Mod. 6610; 6620; 1610; 1620; 2023; 1170

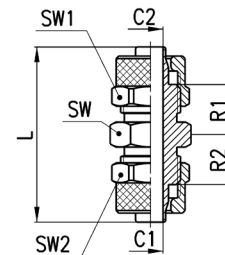


| DIMENSIONS  |      |   |      |    |           |
|-------------|------|---|------|----|-----------|
| Mod.        | A    | H | L    | SW | Poids (g) |
| 1631 03-1/8 | G1/8 | 6 | 59   | 14 | 24        |
| 1631 03-1/4 | G1/4 | 8 | 61,5 | 17 | 42        |
| 1631 03-3/8 | G3/8 | 8 | 62   | 19 | 62    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

### Raccord Mod. 1580



Union Double Egale

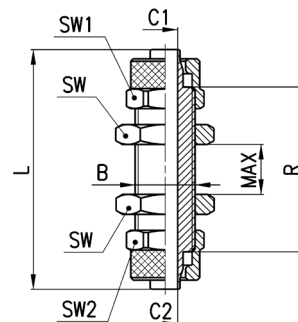


| DIMENSIONS    |          |     |     |      |      |      |    |     |     |           |
|---------------|----------|-----|-----|------|------|------|----|-----|-----|-----------|
| Mod.          | Tube     | C1  | C2  | L    | R1   | R2   | SW | SW1 | SW2 | Poids (g) |
| 1580 5/3      | 5/3      |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

### Raccord Mod. 1590



Union Double Egale et Inégale  
Traversée de Cloison

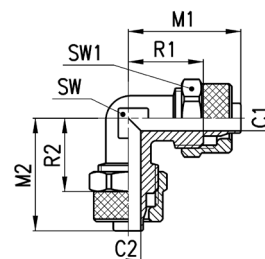


| DIMENSIONS   |         |         |     |     |    |    |     |    |     |     |           |
|--------------|---------|---------|-----|-----|----|----|-----|----|-----|-----|-----------|
| Mod.         | Tube    | B       | C1  | C2  | L  | R  | MAX | SW | SW1 | SW2 | Poids (g) |
| 1590 5/3     | 5/3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

### Raccord Mod. 1550



Coude Egal

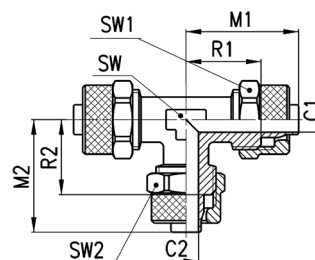


| DIMENSIONS   |         |     |     |      |      |      |      |    |     |           |  |
|--------------|---------|-----|-----|------|------|------|------|----|-----|-----------|--|
| Mod.         | Tube    | C1  | C2  | M1   | M2   | R1   | R2   | SW | SW1 | Poids (g) |  |
| 1550 6/4     | 6/4 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

### Raccord Mod. 1540



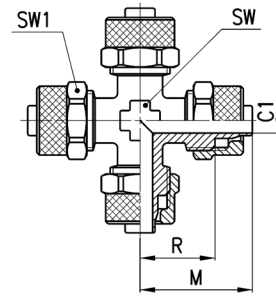
Té Egal



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

### Raccord Mod. 1600

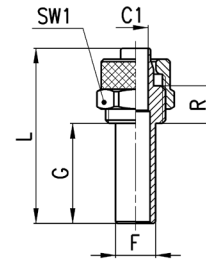
Croix Egale



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

### Raccord Mod. 1470

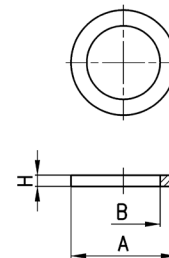
Adaptateur



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

### Entretoise Mod. 2651

Entretoise en aluminium



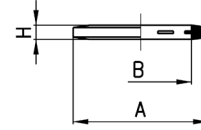
| DIMENSIONS |      |      |     |             |
|------------|------|------|-----|-------------|
| Mod.       | A    | B    | H   | Poids ( g ) |
| 2651 1/8   | 14   | 9,8  | 1,5 | 1           |
| 2651 1/4   | 18   | 13,2 | 1,5 | 1           |
| 2651 3/8   | 22   | 16,7 | 1,5 | 1           |
| 2651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

### Entretoise Mod. 2661

Entretoise dentelée en plastique



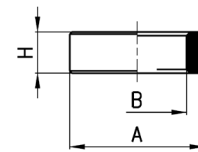
Matériau : plastique



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

### Entretoise Mod. 2665

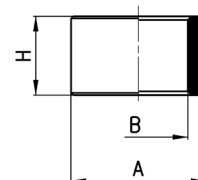
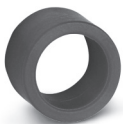
Entretoise en plastique



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

### Entretoise Mod. 2669

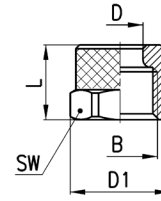
Entretoise haute en plastique



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

## Ecrou Mod. 1703

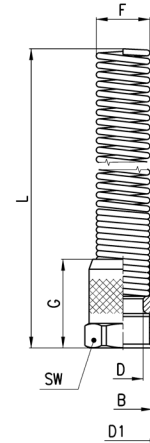
Ecrou de blocage



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

## Ecrou Mod. 1723

Ecrou de blocage avec Ressort Anti-Flexion



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