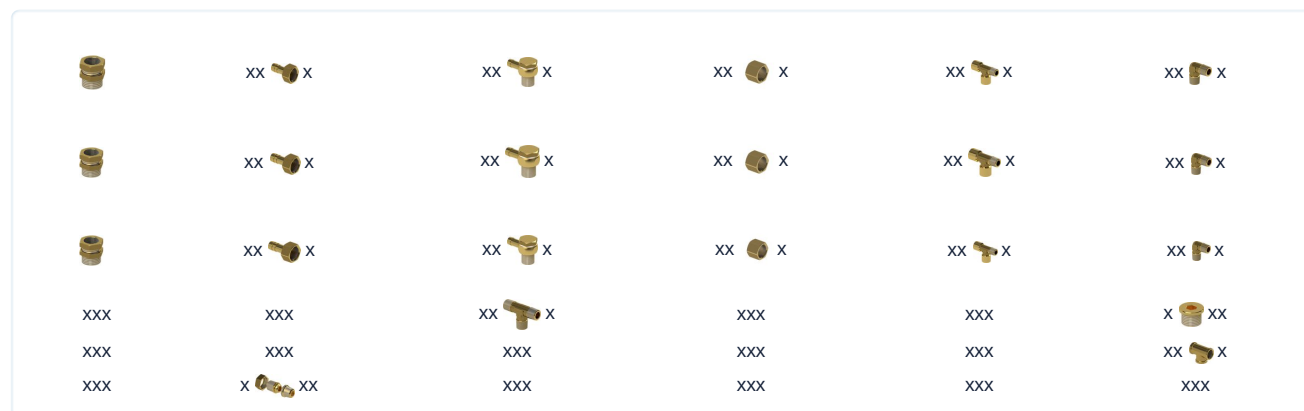
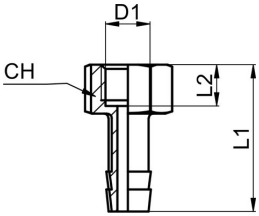


## Raccords/Colliers de tuyau

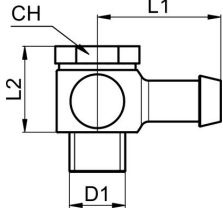


|                       |                                                                                                   |
|-----------------------|---------------------------------------------------------------------------------------------------|
| Raccordement          | 1/8" jusqu'à 2" au choix cylindrique selon ISO 228/1 ou conique selon ISO 7/1, M5 selon ISO R/262 |
| Matériau              | Laiton brut                                                                                       |
| Fluide                | Air comprimé, gaz neutres, Fluides qui n'attaquent pas chimiquement les matériaux                 |
| Température du fluide | -20...+150°C, Étanchéité par joint torique NBR -20...+110°C                                       |
| Pression de service   | -1...20bar                                                                                        |

### HN12 Embout cannelé à visser

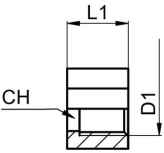
|  | D1    | pour tuyau [mm] | L1   | L2   | CH | Poids [g] | Type         |
|-------------------------------------------------------------------------------------|-------|-----------------|------|------|----|-----------|--------------|
|                                                                                     | G1/8" | 6               | 31   | 6    | 12 | 8         | HN12-06-18-B |
|                                                                                     | G1/4" | 6               | 33   | 9    | 17 | 16        | HN12-06-14-B |
|                                                                                     | G3/8" | 6               | 33   | 9    | 19 | 16        | HN12-06-38-B |
|                                                                                     | G1/2" | 6               | 36   | 12   | 24 | 29        | HN12-06-12-B |
|                                                                                     | G1/8" | 9               | 31   | 9    | 14 | 12        | HN12-09-18-B |
|                                                                                     | G1/4" | 9               | 33   | 9    | 17 | 18        | HN12-09-14-B |
|                                                                                     | G3/8" | 9               | 33   | 9    | 19 | 19        | HN12-09-38-B |
|                                                                                     | G1/2" | 9               | 36   | 12   | 24 | 31        | HN12-09-12-B |
|                                                                                     | G1/4" | 13              | 39   | 9    | 17 | 22        | HN12-13-14-B |
|                                                                                     | G3/8" | 13              | 39   | 9    | 19 | 22        | HN12-13-38-B |
|                                                                                     | G1/2" | 13              | 43,5 | 12,5 | 24 | 38        | HN12-13-12-B |

### HN14 Raccord orientable

|  | D1    | pour tuyau [mm] | L1 | L2 | CH | Poids [g] | Type         |
|-------------------------------------------------------------------------------------|-------|-----------------|----|----|----|-----------|--------------|
|                                                                                     | G1/8" | 6,5             | 26 | 20 | 14 | 35        | HN14-06-18-B |
|                                                                                     | G1/4" | 6,5             | 28 | 20 | 17 | 52        | HN14-06-14-B |
|                                                                                     | G1/4" | 9,5             | 29 | 20 | 17 | 54        | HN14-09-14-B |
|                                                                                     | G3/8" | 9,5             | 29 | 21 | 22 | 70        | HN14-09-38-B |

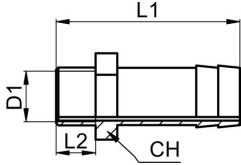


## HN33 Écrou-raccord adapté pour Embout cannelé avec raccord à rotule à bille

|  | D1           | pour embout cannelé [mm] | L1   | CH | Poids [g] | Type                |
|-----------------------------------------------------------------------------------|--------------|--------------------------|------|----|-----------|---------------------|
|                                                                                   | G1/8"        | 8,5                      | 11   | 12 | 6         | HN33-04/06-18-B     |
|                                                                                   | G1/4"        | 11,5                     | 15   | 17 | 17        | HN33-04/06-14-B     |
|                                                                                   | G1/4"        | 11,5                     | 15,5 | 17 | 17        | HN33-09-14-B        |
|                                                                                   | G3/8"        | 15                       | 16,5 | 19 | 17        | HN33-04/06/09-38-B  |
|                                                                                   | G1/2"        | 19                       | 19,5 | 24 | 34        | HN33-06/09/13-12-B  |
|                                                                                   | G1/4" gauche | 12                       | 15   | 17 | 17        | HN33-04/06-14E-B    |
|                                                                                   | G3/8" gauche | 15                       | 14,5 | 19 | 15        | HN33-06/09-38E-B    |
|                                                                                   | G1/2" gauche | 6, 9,13                  | 19,5 | 24 | 36        | HN33-06/09/13-12E-B |

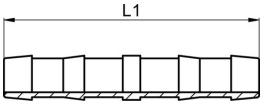


## HN38 Raccord cannelé à visser - Filetage cylindrique, Cône intérieur pour embout cannelé à bille

|  | D1           | pour tuyau [mm] | L1   | L2 | CH      | Poids [g] | Type             |
|-----------------------------------------------------------------------------------|--------------|-----------------|------|----|---------|-----------|------------------|
|                                                                                   | M5           | 4               | 15,5 | 5  | 7       | 2         | HN38-04-M5-B*    |
|                                                                                   | G1/8"        | 4               | 28   | 7  | 14      | 9         | HN38-04-18-B-C   |
|                                                                                   | G1/4"        | 4               | 30   | 8  | 17      | 16        | HN38-04-14-B-C   |
|                                                                                   | G3/8"        | 4               | 31   | 9  | 19      | 19        | HN38-04-38-B-C   |
|                                                                                   | G1/8"        | 6               | 33   | 7  | 14      | 11        | HN38-06-18-B-C   |
|                                                                                   | G1/4"        | 6               | 35   | 9  | 17      | 19        | HN38-06-14-B-C   |
|                                                                                   | G3/8"        | 6               | 36   | 9  | 19      | 26        | HN38-06-38-B-C   |
|                                                                                   | G1/2"        | 6               | 40   | 12 | 24      | 49        | HN38-06-12-B-C   |
|                                                                                   | G1/8"        | 9               | 33   | 7  | 14      | 15        | HN38-09-18-B*    |
|                                                                                   | G1/4"        | 9               | 35   | 9  | 17      | 19        | HN38-09-14-B-C   |
|                                                                                   | G3/8"        | 9               | 35   | 9  | 19      | 26        | HN38-09-38-B-C   |
|                                                                                   | G1/2"        | 9               | 39   | 12 | 24      | 50        | HN38-09-12-B-C   |
|                                                                                   | G3/4"        | 9               | 50   | 11 | 30      | 72        | HN38-09-34-B-C   |
|                                                                                   | G1/4"        | 13              | 41   | 9  | 17      | 21        | HN38-13-14-B*    |
|                                                                                   | G3/8"        | 13              | 42   | 9  | 19      | 25        | HN38-13-38-B-C   |
|                                                                                   | G1/2"        | 13              | 46   | 12 | 24      | 50        | HN38-13-12-B-C   |
|                                                                                   | G3/4"        | 13              | 52   | 16 | 32      | 106       | HN38-13-34-B-C   |
|                                                                                   | G1/2"        | 16              | 47   | 11 | 22      | 46        | HN38-16-12-B*    |
|                                                                                   | G1/2"        | 19              | 47   | 11 | 22      | 59        | HN38-19-12-B*    |
|                                                                                   | G3/4"        | 19              | 60   | 16 | 32      | 103       | HN38-19-34-B-C   |
|                                                                                   | G1"          | 27              | 51   | 11 | 38      | 86        | HN38-25-10-B*    |
|                                                                                   | G1 1/4"      | 27,5            | 51,5 | 14 | 47 rond | 129       | HN38-25-114-B-A* |
|                                                                                   | G1"          | 33              | 57   | 12 | 37      | 132       | HN38-32-10-B*    |
|                                                                                   | G1 1/4"      | 33              | 58   | 13 | 50      | 170       | HN38-32-114-B*   |
|                                                                                   | G1 1/2"      | 40              | 68   | 14 | 55      | 257       | HN38-40-112-B*   |
|                                                                                   | G3/8" gauche | 6               | 48,5 | 10 | 19      | 26        | HN38-06-38E-B-C  |
|                                                                                   | G3/8" gauche | 9               | 48,5 | 10 | 19      | 31        | HN38-09-38E-B-C  |

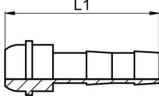
\* sans cône intérieur

## HN38 Raccord cannelé double pour tuyau

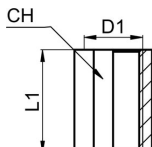
|  | pour tuyau [mm] | L1 | Poids [g] | Type      |
|-------------------------------------------------------------------------------------|-----------------|----|-----------|-----------|
|                                                                                     | 6               | 72 | 15        | HN38-06-B |
|                                                                                     | 9               | 72 | 26        | HN38-09-B |
|                                                                                     | 13              | 48 | 20        | HN38-13-B |



## HN76 Embout cannelé avec raccord à rotule à bille

|  | pour filetage | pour tuyau [mm] | L1   | Poids [g] | Type         |
|-----------------------------------------------------------------------------------|---------------|-----------------|------|-----------|--------------|
|                                                                                   | G1/8"         | 4               | 28   | 4         | HN76-04-18-B |
|                                                                                   | G1/4"         | 4               | 30,5 | 8         | HN76-04-14-B |
|                                                                                   | G1/8"         | 6               | 28   | 6         | HN76-06-18-B |
|                                                                                   | G1/4"         | 6               | 35,5 | 8         | HN76-06-14-B |
|                                                                                   | G3/8"         | 6               | 36   | 15        | HN76-06-38-B |
|                                                                                   | G1/2"         | 6               | 38   | 18        | HN76-06-12-B |
|                                                                                   | G1/4"         | 9               | 35,5 | 10        | HN76-09-14-B |
|                                                                                   | G3/8"         | 9               | 36   | 14        | HN76-09-38-B |
|                                                                                   | G1/2"         | 9               | 39   | 18        | HN76-09-12-B |
|                                                                                   | G1/2"         | 13              | 44   | 21        | HN76-13-12-B |

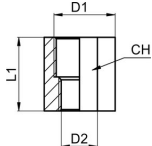
## TH13 Manchon

|  | D1    | L1 | CH | Poids [g] | Type      |
|-----------------------------------------------------------------------------------|-------|----|----|-----------|-----------|
|                                                                                   | M5    | 9  | 7  | 2         | TH13-M5-B |
|                                                                                   | G1/8" | 18 | 14 | 15        | TH13-18-B |
|                                                                                   | G1/4" | 26 | 17 | 27        | TH13-14-B |
|                                                                                   | G3/8" | 26 | 22 | 47        | TH13-38-B |

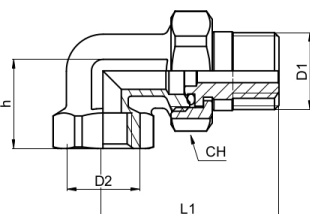
## TH13 Manchon - rond

| D1    | D2 | L1 | Poids [g] | Type      |
|-------|----|----|-----------|-----------|
| G1/2" | 26 | 31 | 45        | TH13-12-B |
| G3/4" | 32 | 33 | 68        | TH13-34-B |
| G1"   | 40 | 39 | 110       | TH13-10-B |

## TH13 Manchon réducteur

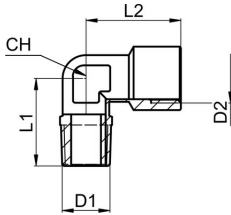
|  | D1    | D2    | L1   | CH      | Poids [g] | Type         |
|-------------------------------------------------------------------------------------|-------|-------|------|---------|-----------|--------------|
|                                                                                     | G1/8" | G1/4" | 26   | 17      | 32        | TH13-18-14-B |
|                                                                                     | G1/4" | G3/8" | 26   | 22      | 60        | TH13-14-38-B |
|                                                                                     | G3/8" | G1/2" | 24,5 | 27 rond | 95        | TH13-38-12-B |

## TH16 Raccord coudé à écrou tournant - interne / extérieur, Étanchéité par joint torique NBR

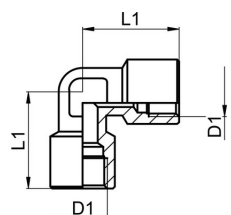
|  | D1     | D2     | h    | L1   | CH | Poids [g] | Type           |
|-------------------------------------------------------------------------------------|--------|--------|------|------|----|-----------|----------------|
|                                                                                     | G3/8"  | G3/8"  | 18   | 47   | 27 | 115       | TH16-38-B-R    |
|                                                                                     | G1/2"  | G1/2"  | 22   | 51   | 30 | 116       | TH16-12-B-R-YA |
|                                                                                     | G3/4"  | G3/4"  | 26   | 59   | 37 | 188       | TH16-34-B-R-YA |
|                                                                                     | G1"    | G1"    | 35   | 69,5 | 46 | 342       | TH16-10-B-R-YA |
|                                                                                     | G11/4" | G11/4" | 45,5 | 80,5 | 52 | 557       | TH16-114-B-R   |
|                                                                                     | G11/2" | G11/2" | 53   | 89   | 66 | 952       | TH16-112-B-R   |



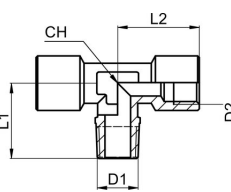
### TH16C Raccord coudé - interne / extérieur

|  | D1    | D2    | L1   | L2   | CH   | Poids [g] | Type       |
|-----------------------------------------------------------------------------------|-------|-------|------|------|------|-----------|------------|
|                                                                                   | R1/8" | G1/8" | 10   | 21,5 | 10   | 17        | TH16C-18-B |
|                                                                                   | R1/4" | G1/4" | 23,5 | 25   | 12,5 | 34        | TH16C-14-B |
|                                                                                   | R3/8" | G3/8" | 26   | 28,5 | 16,5 | 49        | TH16C-38-B |
|                                                                                   | R1/2" | G1/2" | 31   | 33,5 | 20,5 | 86        | TH16C-12-B |
|                                                                                   | R3/4" | G3/4" | 33   | 36,5 | 25   | 120       | TH16C-34-B |
|                                                                                   | R1"   | G1"   | 39   | 45   | 30   | 200       | TH16C-10-B |

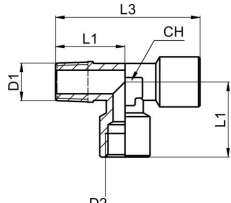
### TH17 Raccord coudé - interne / interne

|  | D1    | L1   | CH | Poids [g] | Type      |
|-----------------------------------------------------------------------------------|-------|------|----|-----------|-----------|
|                                                                                   | G1/8" | 21   | 10 | 20        | TH17-18-B |
|                                                                                   | G1/4" | 25   | 13 | 40        | TH17-14-B |
|                                                                                   | G3/8" | 20   | -  | 55        | TH17-38-B |
|                                                                                   | G1/2" | 24,5 | -  | 115       | TH17-12-B |
|                                                                                   | G3/4" | 30   | -  | 152       | TH17-34-B |
|                                                                                   | G1"   | 36   | -  | 235       | TH17-10-B |

### TH21C Raccord en T - interne / extérieur / interne

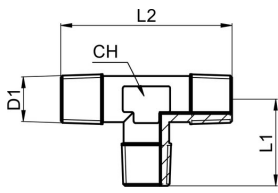
|  | D1    | D2    | L1 | L2   | CH | Poids [g] | Type       |
|------------------------------------------------------------------------------------|-------|-------|----|------|----|-----------|------------|
|                                                                                    | R1/8" | G1/8" | 18 | 21   | 10 | 25        | TH21C-18-B |
|                                                                                    | R1/4" | G1/4" | 23 | 25   | 13 | 50        | TH21C-14-B |
|                                                                                    | R3/8" | G3/8" | 26 | 28   | 17 | 80        | TH21C-38-B |
|                                                                                    | R1/2" | G1/2" | 31 | 33,5 | 21 | 124       | TH21C-12-B |
|                                                                                    | R3/4" | G3/4" | 33 | 36,5 | 25 | 185       | TH21C-34-B |
|                                                                                    | R1"   | G1"   | 39 | 45   | 30 | 288       | TH21C-10-B |

### TH24C Raccord en T - interne / interne / extérieur

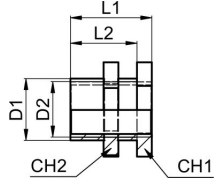
|  | D1    | D2    | L1   | L2   | L3   | CH | Poids [g] | Type       |
|-------------------------------------------------------------------------------------|-------|-------|------|------|------|----|-----------|------------|
|                                                                                     | R1/8" | G1/8" | 15,5 | 22   | 37,5 | 10 | 24        | TH24C-18-B |
|                                                                                     | R1/4" | G1/4" | 26,5 | 23,5 | 49   | 13 | 50        | TH24C-14-B |
|                                                                                     | R3/8" | G3/8" | 25   | 28   | 54   | 17 | 75        | TH24C-38-B |
|                                                                                     | R1/2" | G1/2" | 31   | 33,5 | 64,5 | 21 | 125       | TH24C-12-B |
|                                                                                     | R3/4" | G3/4" | 36,5 | 36,5 | 69,5 | 25 | 174       | TH24C-34-B |
|                                                                                     | R1"   | G1"   | 39   | 45   | 84   | 30 | 282       | TH24C-10-B |



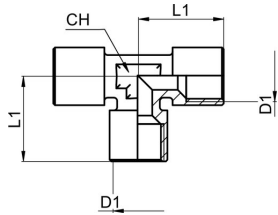
### TH26C Raccord en T - extérieur / extérieur / extérieur

|  | D1    | L1   | L2   | CH | Poids [g] | Type       |
|-----------------------------------------------------------------------------------|-------|------|------|----|-----------|------------|
|                                                                                   | R1/8" | 16   | 32   | 10 | 15        | TH26C-18-B |
|                                                                                   | R1/4" | 23,5 | 47   | 13 | 37        | TH26C-14-B |
|                                                                                   | R3/8" | 26   | 52   | 17 | 59        | TH26C-38-B |
|                                                                                   | R1/2" | 31   | 62   | 21 | 80        | TH26C-12-B |
|                                                                                   | R3/4" | 33   | 64,4 | 25 | 129       | TH26C-34-B |
|                                                                                   | R1"   | 39   | 78   | 30 | 210       | TH26C-10-B |

### TH28 Raccord passe-cloison

|  | D1    | D2    | L1 | L2 | CH1 | CH2 | Poids [g] | Type         |
|-----------------------------------------------------------------------------------|-------|-------|----|----|-----|-----|-----------|--------------|
|                                                                                   | G1/8" | M5    | 15 | 12 | 14  | 14  | 11        | TH28-18-M5-B |
|                                                                                   | G1/4" | G1/8" | 18 | 14 | 17  | 17  | 15        | TH28-14-18-B |
|                                                                                   | G3/8" | G1/4" | 22 | 18 | 22  | 22  | 16        | TH28-38-14-B |
|                                                                                   | G1/2" | G3/8" | 26 | 21 | 24  | 27  | 41        | TH28-12-38-B |

### TH29 Raccord en T - interne / interne / interne

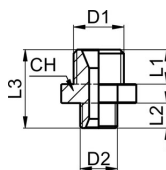
|  | D1     | L1   | CH   | Poids [g] | Type       |
|------------------------------------------------------------------------------------|--------|------|------|-----------|------------|
|                                                                                    | G1/8"  | 21   | 9,5  | 28        | TH29-18-B  |
|                                                                                    | G1/4"  | 25   | 13   | 60        | TH29-14-B  |
|                                                                                    | G3/8"  | 22   | 20,5 | 70        | TH29-38-B  |
|                                                                                    | G1/2"  | 24   | 23   | 79        | TH29-12-B  |
|                                                                                    | G3/4"  | 28   | 29   | 138       | TH29-34-B  |
|                                                                                    | G1"    | 35   | 35   | 228       | TH29-10-B  |
|                                                                                    | G11/4" | 42,5 | 45   | 403       | TH29-114-B |
|                                                                                    | G11/2" | 47   | 52   | 593       | TH29-112-B |
|                                                                                    | G2"    | 55   | 64   | 852       | TH29-20-B  |

### TH38 Mamelon double - Filetage cylindrique

|  | D1          | L1   | L2   | L3   | CH | Poids [g] | Type         |
|-------------------------------------------------------------------------------------|-------------|------|------|------|----|-----------|--------------|
|                                                                                     | M5          | 4,5  | 4,5  | 12,5 | 8  | 2         | TH38-M5-B-C  |
|                                                                                     | G1/8"       | 6,5  | 4,5  | 16   | 14 | 9         | TH38-18-B-C  |
|                                                                                     | G1/4"       | 9    | 9    | 22,5 | 14 | 14        | TH38-14-B    |
|                                                                                     | G3/8"       | 10   | 10   | 24   | 17 | 17,4      | TH38-38-B    |
|                                                                                     | G1/2"       | 10,5 | 10,5 | 25   | 21 | 29        | TH38-12-B    |
|                                                                                     | G3/4"       | 11,5 | 11,5 | 28   | 27 | 43        | TH38-34-B    |
|                                                                                     | G1"         | 15   | 15   | 36,5 | 34 | 93        | TH38-10-B    |
|                                                                                     | G11/4"      | 16   | 16   | 41,5 | 46 | 167       | TH38-114-B   |
|                                                                                     | G11/2"      | 17,5 | 17,5 | 46   | 48 | 210       | TH38-112-B   |
|                                                                                     | G2"         | 21   | 21   | 56   | 60 | 368       | TH38-20-B    |
|                                                                                     | G1/4" links | 9    | 9    | 23   | 17 | 18        | TH38-14E-B-C |
|                                                                                     | G3/8" links | 11   | 11   | 27   | 19 | 25        | TH38-38E-B-C |



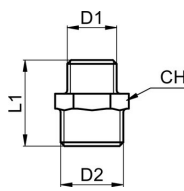
### TH38 Mamelon double de réduction - Filetage cylindrique

|  | D1      | D2      | L1   | L2   | L3   | CH | Poids [g] | Type           |
|-----------------------------------------------------------------------------------|---------|---------|------|------|------|----|-----------|----------------|
|                                                                                   | G1/8"   | M5      | 6,5  | 5    | 16   | 17 | 9         | TH38-M5-18-B-C |
|                                                                                   | G1/4"   | M5      | 9,5  | 5    | 19   | 17 | 15        | TH38-M5-14-B-C |
|                                                                                   | G1/4"   | G1/8"   | 9    | 6,5  | 20,5 | 17 | 18        | TH38-18-14-B-C |
|                                                                                   | G3/8"   | G1/8"   | 9    | 7    | 21   | 19 | 25        | TH38-18-38-B-C |
|                                                                                   | G3/8"   | G1/4"   | 10   | 9    | 23   | 17 | 17        | TH38-14-38-B   |
|                                                                                   | G1/2"   | G1/4"   | 11   | 9    | 24,5 | 21 | 26        | TH38-14-12-B   |
|                                                                                   | G1/2"   | G3/8"   | 12   | 10   | 28   | 24 | 50        | TH38-38-12-B-C |
|                                                                                   | G3/4"   | G3/8"   | 15,5 | 10   | 34   | 32 | 108       | TH38-38-34-B-C |
|                                                                                   | G3/4"   | G1/2"   | 11,5 | 10,5 | 27   | 27 | 43        | TH38-12-34-B   |
|                                                                                   | G1"     | G1/2"   | 15   | 11,5 | 33   | 34 | 80        | TH38-12-10-B   |
|                                                                                   | G1"     | G3/4"   | 13   | 11,5 | 30   | 34 | 70        | TH38-34-10-B   |
|                                                                                   | G1 1/4" | G1"     | 16   | 15   | 40   | 42 | 156       | TH38-10-114-B  |
|                                                                                   | G1 1/2" | G1 1/4" | 17   | 16   | 45   | 48 | 218       | TH38-114-112-B |
|                                                                                   | G2"     | G1 1/2" | 21   | 17   | 52   | 60 | 344       | TH38-112-20-B  |

### TH38C Mamelon double - Filetage conique

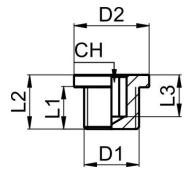
|  | D1    | L1 | L2 | L3   | CH | Poids [g] | Type       |
|-----------------------------------------------------------------------------------|-------|----|----|------|----|-----------|------------|
|                                                                                   | R1/4" | 11 | 11 | 26,5 | 14 | 15        | TH38C-14-B |
|                                                                                   | R3/8" | 11 | 11 | 26,5 | 17 | 20        | TH38C-38-B |
|                                                                                   | R1/2" | 14 | 14 | 33   | 22 | 40        | TH38C-12-B |
|                                                                                   | R3/4" | 16 | 16 | 39,5 | 27 | 68        | TH38C-34-B |
|                                                                                   | R1"   | 19 | 19 | 44,5 | 34 | 107       | TH38C-10-B |
|                                                                                   |       |    |    |      |    |           |            |

### TH38C Mamelon double démontable - Filetage conique, étanchéité métal sur métal



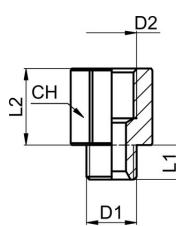
| D1    | D2    | L1   | CH | Poids [g] | Type            |
|-------|-------|------|----|-----------|-----------------|
| R1/8" | R1/8" | 27   | 15 | 17        | TH38C-18-B-Z    |
| R1/8" | R1/4" | 30   | 15 | 23        | TH38C-18-14-B-Z |
| R1/4" | R1/4" | 33,5 | 19 | 34        | TH38C-14-B-Z    |
| R1/4" | R3/8" | 35   | 19 | 44        | TH38C-14-38-B-Z |
| R3/8" | R3/8" | 37   | 22 | 52        | TH38C-38-B-Z    |
| R1/2" | R1/2" | 44,5 | 27 | 81        | TH38C-12-B-Z    |
| R3/4" | R3/4" | 54   | 36 | 193       | TH38C-34-B-Z    |
| R1"   | R1"   | 65   | 46 | 353       | TH38C-10-B-Z    |

### TH50 Vis de fermeture avec six pans creux interne - Filetage cylindrique

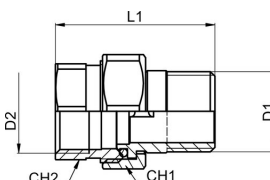
|  | D1    | D2 | L1 | L2   | L3  | CH | Poids [g] | Type      |
|-------------------------------------------------------------------------------------|-------|----|----|------|-----|----|-----------|-----------|
|                                                                                     | G1/8" | 14 | 8  | 11   | 5,5 | 5  | 6         | TH50-18-B |
|                                                                                     | G1/4" | 18 | 12 | 15   | 11  | 6  | 14        | TH50-14-B |
|                                                                                     | G3/8" | 22 | 12 | 15   | 11  | 8  | 23        | TH50-38-B |
|                                                                                     | G1/2" | 26 | 10 | 14,5 | 10  | 10 | 33        | TH50-12-B |
|                                                                                     |       |    |    |      |     |    |           |           |



## TH59 Mamelon réducteur - Filetage cylindrique

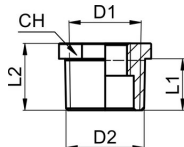
|  | D1    | D2    | L1   | L2   | CH | Poids [g] | Type           |
|-----------------------------------------------------------------------------------|-------|-------|------|------|----|-----------|----------------|
|                                                                                   | M5    | M5    | 5    | 10   | 8  | 3         | TH59-M5-B-C    |
|                                                                                   | M5    | G1/8" | 5    | 12   | 14 | 11        | TH59-M5-18-B-C |
|                                                                                   | G1/8" | M5    | 7    | 10   | 14 | 15        | TH59-18-M5-B-C |
|                                                                                   | G1/8" | G1/8" | 8    | 15   | 14 | 17        | TH59-18-B-C    |
|                                                                                   | G1/8" | G1/4" | 8    | 18   | 17 | 26        | TH59-18-14-B-C |
|                                                                                   | G1/4" | G1/8" | 9    | 19   | 17 | 35        | TH59-14-18-B-C |
|                                                                                   | G1/4" | G1/4" | 9    | 19   | 17 | 29        | TH59-14-B-C    |
|                                                                                   | G1/4" | G3/8" | 9    | 20   | 19 | 30        | TH59-14-38-B-C |
|                                                                                   | G3/8" | G1/4" | 11   | 19   | 19 | 40        | TH59-38-14-B   |
|                                                                                   | G3/8" | G3/8" | 10   | 12,5 | 21 | 23        | TH59-38-B      |
|                                                                                   | G3/8" | G1/2" | 10   | 14,5 | 24 | 33        | TH59-38-12-B   |
|                                                                                   | G1/2" | G3/8" | 11   | 11   | 22 | 33        | TH59-12-38-B   |
|                                                                                   | G1/2" | G1/2" | 11,5 | 14,5 | 24 | 37        | TH59-12-B      |
|                                                                                   | G1/2" | G3/4" | 11,5 | 15   | 31 | 60        | TH59-12-34-B   |

## TH59 Raccord droit à écrou tournant - Étanchéité par joint torique (-R) NBR, Joint plat (-F)

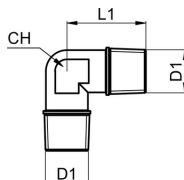
|  | D1      | D2      | L1 | CH1 | CH2 | Poids [g] | Type           |
|-----------------------------------------------------------------------------------|---------|---------|----|-----|-----|-----------|----------------|
|                                                                                   | G3/8"   | G3/8"   | 41 | 27  | 21  | 61        | TH59-38-B-F    |
|                                                                                   | G1/2"   | G1/2"   | 46 | 30  | 27  | 102       | TH59-12-B-R-YA |
|                                                                                   | G3/4"   | G3/4"   | 52 | 37  | 31  | 153       | TH59-34-B-R-YA |
|                                                                                   | G1"     | G1"     | 60 | 46  | 38  | 272       | TH59-10-B-R-YA |
|                                                                                   | G1 1/4" | G1 1/4" | 69 | 52  | 48  | 414       | TH59-114-B-R   |
|                                                                                   | G1 1/2" | G1 1/2" | 73 | 66  | 55  | 764       | TH59-112-B-R   |



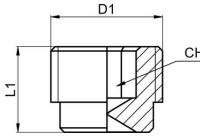
## TH60 Mamelon réducteur

|  | D1       | D2      | L1   | L2   | CH | Poids [g] | Type           |
|-----------------------------------------------------------------------------------|----------|---------|------|------|----|-----------|----------------|
|                                                                                   | M5       | G1/8"   | 7    | 10   | 14 | 7         | TH60-18-M5-B   |
|                                                                                   | M5       | G1/4"   | 9    | 13   | 17 | 15        | TH60-14-M5-B   |
|                                                                                   | RP1/8"   | R1/4"   | 11   | 15,5 | 14 | 9         | TH60-14-18-B   |
|                                                                                   | RP1/8"   | R3/8"   | 11,5 | 16   | 17 | 16        | TH60-38-18-B   |
|                                                                                   | RP1/4"   | R3/8"   | 11,5 | 16   | 17 | 12        | TH60-38-14-B   |
|                                                                                   | RP1/8"   | R1/2"   | 13,5 | 18   | 21 | 30        | TH60-12-18-B   |
|                                                                                   | RP1/4"   | R1/2"   | 13,5 | 18   | 21 | 26        | TH60-12-14-B   |
|                                                                                   | G3/8"    | G1/2"   | 10,5 | 14,5 | 21 | 16        | TH60-12-38-B   |
|                                                                                   | G3/8"    | G3/4"   | 13   | 18,5 | 27 | 42        | TH60-34-38-B   |
|                                                                                   | G1/2"    | G3/4"   | 13,5 | 20   | 27 | 36        | TH60-34-12-B   |
|                                                                                   | G3/8"    | G1"     | 15,5 | 22,5 | 33 | 83        | TH60-10-38-B   |
|                                                                                   | G1/2"    | G1"     | 13   | 19   | 36 | 76        | TH60-10-12-B   |
|                                                                                   | G3/4"    | G1"     | 13   | 19   | 36 | 58        | TH60-10-34-B   |
|                                                                                   | G1/2"    | G1 1/4" | 17   | 25   | 43 | 159       | TH60-114-12-B  |
|                                                                                   | G3/4"    | G1 1/4" | 16   | 25   | 43 | 156       | TH60-114-34-B  |
|                                                                                   | G1"      | G1 1/4" | 17   | 25   | 43 | 117       | TH60-114-10-B  |
|                                                                                   | G3/4"    | G1 1/2" | 17   | 26   | 48 | 218       | TH60-112-34-B  |
|                                                                                   | G1"      | G1 1/2" | 17   | 26   | 48 | 178       | TH60-112-10-B  |
|                                                                                   | G1 1/4"  | G1 1/2" | 17   | 26   | 48 | 100       | TH60-112-114-B |
|                                                                                   | RP1"     | R2"     | 21   | 32   | 60 | 325       | TH60-20-10-B   |
|                                                                                   | RP1 1/4" | R2"     | 21   | 32   | 60 | 327       | TH60-20-114-B  |
|                                                                                   | RP1 1/2" | R2"     | 21   | 32   | 60 | 260       | TH60-20-112-B  |

## TH61C Raccord coudé - extérieur / extérieur

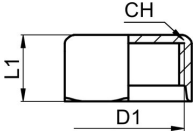
|  | D1    | L1   | CH | Poids [g] | Type       |
|-------------------------------------------------------------------------------------|-------|------|----|-----------|------------|
|                                                                                     | R1/8" | 18,5 | 10 | 11        | TH61C-18-B |
|                                                                                     | R1/4" | 23,5 | 13 | 28        | TH61C-14-B |
|                                                                                     | R3/8" | 26   | 17 | 41        | TH61C-38-B |
|                                                                                     | R1/2" | 31   | 21 | 70        | TH61C-12-B |
|                                                                                     | R3/4" | 33   | 25 | 98        | TH61C-34-B |
|                                                                                     | R1"   | 39   | 30 | 166       | TH61C-10-B |
|                                                                                     |       |      |    |           |            |

## TH64 Vis de fermeture avec six pans creux interne - Filetage cylindrique, sans collerette

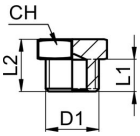
|  | D1    | L1 | CH | Poids [g] | Type         |
|-------------------------------------------------------------------------------------|-------|----|----|-----------|--------------|
|                                                                                     | G1/8" | 8  | 5  | 3         | TH64-18-B-YA |
|                                                                                     | G1/4" | 10 | 6  | 6         | TH64-14-B    |
|                                                                                     |       |    |    |           |              |
|                                                                                     |       |    |    |           |              |



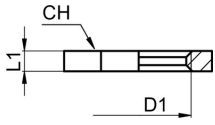
## TH65 Bouchon d'obturation

|  | D1      | L1   | CH   | Poids [g] | Type       |
|-----------------------------------------------------------------------------------|---------|------|------|-----------|------------|
|                                                                                   | G1/8"   | 10   | 13   | 7         | TH65-18-B  |
|                                                                                   | G1/4"   | 10   | 16   | 10        | TH65-14-B  |
|                                                                                   | G3/8"   | 12   | 20   | 12        | TH65-38-B  |
|                                                                                   | G1/2"   | 16   | 30   | 40        | TH65-12-B  |
|                                                                                   | G3/4"   | 16   | 30   | 37        | TH65-34-B  |
|                                                                                   | G1"     | 18,5 | 38,5 | 76        | TH65-10-B  |
|                                                                                   | G1 1/4" | 24   | 48,5 | 150       | TH65-114-B |
|                                                                                   | G1 1/2" | 22,5 | 60   | 239       | TH65-112-B |
|                                                                                   | G2"     | 17   | 66   | 200       | TH65-20-B  |

## TH67 Vis de fermeture avec six pans extérieurs - Filetage cylindrique

|  | D1    | L1  | L2   | CH | Poids [g] | Type      |
|-----------------------------------------------------------------------------------|-------|-----|------|----|-----------|-----------|
|                                                                                   | G1/8" | 6,5 | 10   | 14 | 7         | TH67-18-B |
|                                                                                   | G1/4" | 8   | 13   | 17 | 13        | TH67-14-B |
|                                                                                   | G3/8" | 10  | 15,5 | 17 | 12        | TH67-38-B |
|                                                                                   | G1/2" | 10  | 15   | 21 | 20        | TH67-12-B |
|                                                                                   |       |     |      |    |           |           |

## TH-68 Contre-écrou

|  | D1      | L1  | CH | Poids [g] | Type           |
|-------------------------------------------------------------------------------------|---------|-----|----|-----------|----------------|
|                                                                                     | G1/8"   | 4   | 14 | 3         | TH68-18-B      |
|                                                                                     | G1/4"   | 4,5 | 17 | 4         | TH68-14-B      |
|                                                                                     | G3/8"   | 4,5 | 22 | 7         | TH68-38-B      |
|                                                                                     | G1/2"   | 5   | 27 | 12        | TH68-12-B      |
|                                                                                     | G3/4"   | 6   | 32 | 17        | TH68-34-B      |
|                                                                                     | G1"     | 8   | 38 | 27        | TH68-10-B      |
|                                                                                     | M10x1   | 4,5 | 14 | 3         | TH68-M10X1-B   |
|                                                                                     | M12x1   | 5   | 17 | 3         | TH68-M12X1-B   |
|                                                                                     | M14x1   | 4   | 19 | 5         | TH68-M14X1-B   |
|                                                                                     | M16x1   | 4,5 | 19 | 2         | TH68-M16X1-B   |
|                                                                                     | M20x1,5 | 5   | 22 | 12        | TH68-M20X1,5-B |
|                                                                                     | M22x1   | 5   | 28 | 9         | TH68-M22X1-B   |
|                                                                                     | M28x1,5 | 6   | 36 | 26        | TH68-M28X1,5-B |

Illustrations non contractuelles

Sous réserve de modifications de conception, de dimensions et de matériaux

Pneumatique / Éléments de raccordement et accouplements / Raccords / Embouts cannelés pour tuyaux / Raccords/Embouts cannelés pour tuyaux - Laiton - Pression 20bar / Vis d'obturation Série TH67 / [TH67-38-B] Vis d'obturation 3/8"

