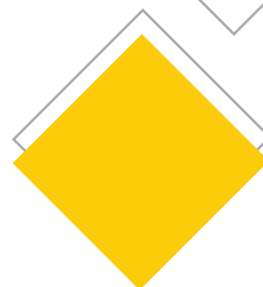


# CATALOGUE SOLYRO

ROBINETTERIE INDUSTRIELLE - MOTORISATION - INSTRUMENTATION

# Solyro

A RUBIX  
Company



## RACCORDS

SOLYRO, votre solution adaptée pour la maîtrise de fluides

# RACCORDS CLAMP

Dimensions en mm

## FERRULES ISO

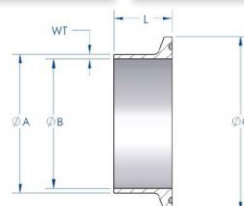
réf. 13001

réf. 13002

réf. 13003

### CARACTÉRISTIQUES TECHNIQUES

- Type : ferrules CLAMP série ISO
  - aucune zone de rétention
  - état de surface maximum :  $Ra \leq 0.8 \mu m$
- Applications : industrie chimique, pharmaceutique et agro-alimentaire
- Matériaux :
  - inox 316L
  - autres matériaux sur demande



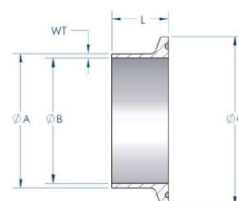
| Type       | Micro Clamp |      |      | Mini Clamp |      |      | Clamp |      |      |      |      |      |      |      |      |       |       |       |       |       |       |  |  |  |
|------------|-------------|------|------|------------|------|------|-------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|--|--|--|
| Réf.       | 13001       |      |      | 13002      |      |      | 13003 |      |      |      |      |      |      |      |      |       |       |       |       |       |       |  |  |  |
| ØA         | 13.5        | 17.2 | 13.5 | 17.2       | 21.3 | 21.3 | 26.9  | 26.9 | 33.7 | 42.4 | 42.4 | 48.3 | 60.3 | 76.1 | 88.9 | 114.3 | 139.7 | 168.3 | 219.1 | 273.0 | 323.9 |  |  |  |
| ØB         | 10.3        | 14   | 10.3 | 14         | 18.1 | 18.1 | 23.7  | 22.9 | 29.7 | 38.4 | 38.4 | 44.3 | 56.3 | 72.1 | 84.9 | 110.3 | 135.7 | 163.1 | 213.9 | 267.8 | 318.7 |  |  |  |
| ØC         | 25          | 25   | 34   | 34         | 34   | 50.5 | 50.5  | 50.5 | 50.5 | 50.5 | 64   | 64   | 77.5 | 91   | 106  | 130   | 155   | 183   | 233.5 | 286.1 | 338.5 |  |  |  |
| WT         | 1.6         | 1.6  | 1.6  | 1.6        | 1.6  | 1.6  | 1.6   | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2     | 2     | 2.6   | 2.6   | 2.6   | 2.6   |  |  |  |
| L          | 21.5        | 21.5 | 18   | 18         | 18   | 21.5 | 21.5  | 21.5 | 21.5 | 21.5 | 21.5 | 21.5 | 21.5 | 21.5 | 21.5 | 28    | 28    | 28    | 28    | 28    | 28    |  |  |  |
| Poids (Kg) | 0.02        | 0.02 | 0.03 | 0.03       | 0.03 | 0.08 | 0.07  | 0.08 | 0.07 | 0.11 | 0.11 | 0.09 | 0.12 | 0.14 | 0.18 | 0.25  | 0.37  | 0.51  | 0.66  | 0.93  | 1.28  |  |  |  |

## FERRULES SMS

réf. 13005

### CARACTÉRISTIQUES TECHNIQUES

- Type : ferrules CLAMP série SMS
  - aucune zone de rétention
  - état de surface maximum :  $Ra \leq 0.8 \mu m$
- Applications : industrie chimique, pharmaceutique et agro-alimentaire
- Matériaux :
  - inox 316L
  - autres matériaux sur demande



| Réf.       | 13005 |      |      |      |      |       |      |
|------------|-------|------|------|------|------|-------|------|
| ØA         | 25    | 38   | 51   | 63.5 | 76.1 | 101.6 | 104* |
| ØB         | 22.6  | 35.6 | 48.6 | 60.3 | 72.9 | 97.6  | 100  |
| ØC         | 50.5  | 50.5 | 64   | 77.5 | 91   | 119   | 119  |
| WT         | 1.2   | 1.2  | 1.2  | 1.6  | 1.6  | 2     | 2    |
| L          | 21.5  | 21.5 | 21.5 | 21.5 | 21.5 | 21.5  | 28   |
| Poids (Kg) | 0.07  | 0.05 | 0.06 | 0.1  | 0.12 | 0.21  | 0.22 |

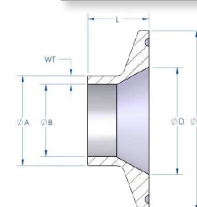
\* dimension selon DIN plus couramment utilisée dans les pays européens

## FERRULES ISO AVEC CONTRE FERRULE

réf. 13006-35

### CARACTÉRISTIQUES TECHNIQUES

- Type : ferrules CLAMP série ISO avec contre ferrule
  - aucune zone de rétention
  - état de surface maximum :  $Ra \leq 0.8 \mu m$
- Applications : industrie chimique, pharmaceutique et agro-alimentaire
- Matériaux :
  - inox 316L
  - autres matériaux sur demande



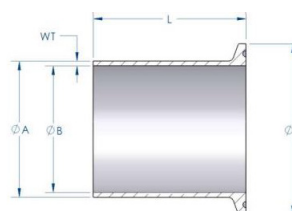
| Réf.       | 13006-35 |       |       |
|------------|----------|-------|-------|
| ØA         | 21.3     | 26.9  | 33.7  |
| ØB         | 18.1     | 22.9  | 29.7  |
| ØC         | 50.5     | 50.5  | 50.5  |
| ØD         | 35.6     | 35.6  | 35.6  |
| WT         | 21.5     | 21.5  | 28    |
| L          | 1.6      | 2     | 2     |
| Poids (Kg) | 0.069    | 0.062 | 0.073 |

## FERRULES ASME BPE

réf. 13007

### CARACTÉRISTIQUES TECHNIQUES

- Type : ferrules CLAMP série ASME BPE
  - aucune zone de rétention
  - état de surface maximum :  $Ra \leq 0.5 \mu m$
- Applications : industrie chimique, pharmaceutique et agro-alimentaire
- Matériaux :
  - inox 316L
  - autres matériaux sur demande



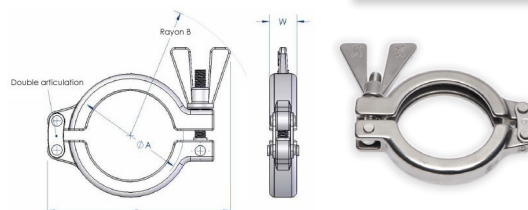
| Réf.       | 13007 |       |       |       |       |       |       |       |       |       |        |
|------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| ØA         | 6.35  | 9.52  | 12.7  | 19.05 | 25.4  | 38.1  | 50.8  | 63.5  | 76.2  | 101.6 | 152.4  |
| ØB         | 4.57  | 7.74  | 9.4   | 15.75 | 22.1  | 34.8  | 47.5  | 60.2  | 72.9  | 97.38 | 146.86 |
| ØC         | 25    | 25    | 25    | 25    | 50.5  | 50.5  | 64    | 77.5  | 91    | 119   | 167    |
| WT         | 0.89  | 0.89  | 1.65  | 1.65  | 1.65  | 1.65  | 1.65  | 1.65  | 1.65  | 2.11  | 2.77   |
| L          | 28.58 | 28.58 | 28.58 | 28.58 | 28.58 | 28.58 | 28.58 | 28.58 | 28.58 | 28.58 | 38.1   |
| Poids (Kg) | 0.02  | 0.02  | 0.02  | 0.03  | 0.08  | 0.07  | 0.09  | 0.12  | 0.15  | 0.25  | 0.59   |

## COLLIER

réf. 13020

## CARACTÉRISTIQUES TECHNIQUES

- Type : collier CLAMP
  - double articulation
  - finition poli
- Applications : industrie chimique, pharmaceutique et agro-alimentaire
- Matériaux :
  - inox 316L
  - autres matériaux sur demande



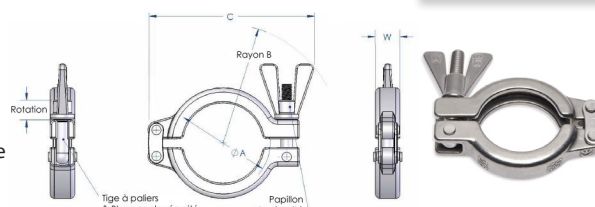
| Type       | Micro Clamp | Mini Clamp  | Clamp       |       |       |       |       |             |       |       |       |       |       |       |
|------------|-------------|-------------|-------------|-------|-------|-------|-------|-------------|-------|-------|-------|-------|-------|-------|
| Réf. 13020 | .B025       | .B034       | .B050       | .B064 | .B077 | .B091 | .B106 | .B119       | .B130 | .B155 | .B183 | .B233 | .B286 | .B338 |
| ISO        | 13.5 - 17.2 | 13.5 - 21.3 | 21.3 - 42.4 | 48.3  | 60.3  | 76.1  | 88.9  | -           | 114.3 | 139.7 | 168.3 | 219.1 | 273   | 323.9 |
| SMS        | -           | -           | 25 - 38     | 51    | 63.5  | 76    | -     | 101.6 - 104 | -     | -     | -     | -     | -     | -     |
| ØA         | 25          | 34          | 50.5        | 64    | 77.5  | 91    | 106   | 119         | 130   | 155   | 183   | 233   | 286   | 338.5 |
| Rayon B    | 65          | 67          | 77          | 93    | 100   | 105   | 110   | 119         | 119   | 155   | 164   | 185   | 213   | 243   |
| C          | 75          | 85          | 102         | 123   | 140   | 150   | 165   | 185         | 191   | 252   | 280   | 333   | 405   | 463   |
| W          | 17          | 17          | 17          | 17    | 17    | 17    | 17    | 17          | 17    | 24    | 24    | 24    | 24    | 24    |
| Poids (Kg) | 0.15        | 0.18        | 0.25        | 0.33  | 0.38  | 0.44  | 0.44  | 0.57        | 0.6   | 1.39  | 1.61  | 2.25  | 2.97  | 3.37  |

## COLLIER PAPILLON SÉCURITÉ

réf. 13027

## CARACTÉRISTIQUES TECHNIQUES

- Type : collier CLAMP papillon sécurité
  - double articulation
  - finition poli
- Applications : industrie chimique, pharmaceutique et agro-alimentaire
- Matériaux :
  - inox 316L
  - autres matériaux sur demande



| Type       | Micro Clamp | Mini Clamp  | Clamp       |       |       |       |       |             |       |       |       |       |       |       |
|------------|-------------|-------------|-------------|-------|-------|-------|-------|-------------|-------|-------|-------|-------|-------|-------|
| Réf. 13027 | .B025       | .B034       | .B050       | .B064 | .B077 | .B091 | .B106 | .B119       | .B130 | .B155 | .B183 | .B233 | .B286 | .B338 |
| ISO        | 13.5 - 17.2 | 13.5 - 21.3 | 21.3 - 42.4 | 48.3  | 60.3  | 76.1  | 88.9  | -           | 114.3 | -     | 139.7 | -     | 168.3 | 219.1 |
| SMS        | -           | -           | 25 - 38     | 51    | 63.5  | 76    | -     | 101.6 - 104 | -     | -     | -     | -     | -     | -     |
| ØA         | 25          | 34          | 50.5        | 64    | 77.5  | 91    | 106   | 119         | 130   | 144   | 155   | 167   | 183   | 217   |
| Rayon B    | 63          | 67          | 77          | 93    | 100   | 105   | 110   | 119         | 119   | 131   | 155   | 156   | 154   | 184   |
| C          | 75          | 85          | 102         | 123   | 140   | 150   | 165   | 185         | 191   | 215   | 252   | 262   | 280   | 325   |
| W          | 17          | 17          | 17          | 17    | 17    | 17    | 17    | 17          | 17    | 19    | 24    | 24    | 24    | 24    |
| Rotations* | 9           | 9           | 10          | 10    | 10    | 10    | 10    | 10          | 10    | 10    | 10    | 10    | 10    | 10    |
| Poids (Kg) | 0.16        | 0.18        | 0.26        | 0.34  | 0.39  | 0.45  | 0.45  | 0.58        | 0.61  | 0.76  | 1.41  | 1.41  | 1.63  | 2.11  |

\* Une rotation du papillon = 360°. Le nombre de rotations du papillon est mesuré à partir de sa position de serrage optimal (segments parallèles lors de l'assemblage), jusqu'au déblocage du système de sécurité.

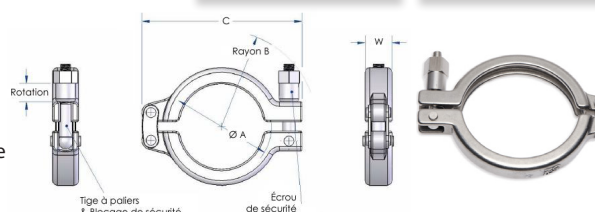
## COLLIER ÉCROU SÉCURITÉ

réf. 13027/X

réf. 13027/X1

## CARACTÉRISTIQUES TECHNIQUES

- Type : collier CLAMP écrou sécurité
  - double articulation
  - finition poli
- Applications : industrie chimique, pharmaceutique et agro-alimentaire
- Matériaux :
  - 13027/X.B : inox 316
  - 13027/X1.B : inox 316 + tige 1.4547 (NITRONIC 60)
  - autres matériaux sur demande



| Type       | Modèle    | Micro Clamp | Mini Clamp  | Clamp       |       |       |       |       |             |       |       |  |  |  |
|------------|-----------|-------------|-------------|-------------|-------|-------|-------|-------|-------------|-------|-------|--|--|--|
| Réf. 13027 | /X et /X1 | .B025       | .B034       | .B050       | .B064 | .B077 | .B091 | .B106 | .B119       | .B130 | .B183 |  |  |  |
| ISO        | /X et /X1 | 13.5 - 17.2 | 13.5 - 21.3 | 21.3 - 42.4 | 48.3  | 60.3  | 76.1  | 88.9  | -           | 114.3 | 168.3 |  |  |  |
| SMS        | /X et /X1 | -           | -           | 25 - 38     | 51    | 63.5  | 76    | -     | 101.6 - 104 | -     | -     |  |  |  |
| ØA         | /X        | 25          | 34          | 50.5        | 64    | 77.5  | 91    | 106   | 119         | 130   | 183   |  |  |  |
| ØA         | /X1       | 25.4        | 34          | 50.5        | 64    | 77.5  | 91    | 106   | 119         | 130   | 183   |  |  |  |
| Rayon B    | /X        | 25          | 34          | 50.5        | 64    | 77.5  | 91    | 106   | 119         | 130   | 183   |  |  |  |
| Rayon B    | /X1       | 53          | 57          | 72          | 83    | 90    | 95    | 100   | 109         | 118   | 157   |  |  |  |
| C          | /X        | 25          | 34          | 50.5        | 64    | 77.5  | 91    | 106   | 119         | 130   | 183   |  |  |  |
| C          | /X1       | 65          | 75          | 92          | 113   | 130   | 140   | 155   | 175         | 181   | 280   |  |  |  |
| W          | /X        | 25          | 34          | 50.5        | 64    | 77.5  | 91    | 106   | 119         | 130   | 183   |  |  |  |
| W          | /X1       | 17          | 17          | 17          | 17    | 17    | 17    | 17    | 17          | 17    | 24    |  |  |  |
| Rotations* | /X        | 25          | 34          | 50.5        | 64    | 77.5  | 91    | 106   | 119         | 130   | 183   |  |  |  |
| Rotations* | /X1       | 9           | 9           | 10          | 10    | 10    | 10    | 10    | 10          | 10    | 10    |  |  |  |
| Poids (Kg) | /X        | 25          | 34          | 50.5        | 64    | 77.5  | 91    | 106   | 119         | 130   | 183   |  |  |  |
| Poids (Kg) | /X1       | 0.14        | 0.16        | 0.24        | 0.32  | 0.37  | 0.43  | 0.43  | 0.56        | 0.59  | 1.61  |  |  |  |

\* Une rotation du papillon = 360°. Le nombre de rotations du papillon est mesuré à partir de sa position de serrage optimal (segments parallèles lors de l'assemblage), jusqu'au déblocage du système de sécurité.

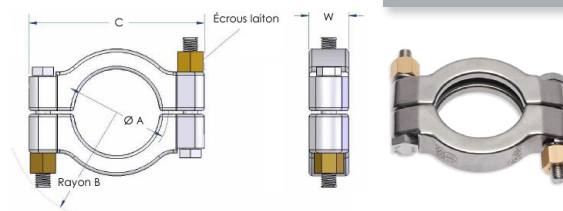
# RACCORDS CLAMP

Dimensions en mm

## COLLIER HAUTE PRESSION

### CARACTÉRISTIQUES TECHNIQUES

- Type : collier CLAMP haute pression
  - segments séparés
  - double écrous
- Applications : industrie chimique, pharmaceutique et agro-alimentaire
- Matériaux :
  - inox 304 et écrous laiton (inox sur demande)
  - autres matériaux sur demande



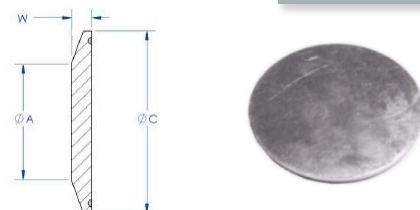
réf. 13028

| Type       | Micro Clamp | Mini Clamp  | Clamp       |       |       |       |       |             |       |       |       |       |       |
|------------|-------------|-------------|-------------|-------|-------|-------|-------|-------------|-------|-------|-------|-------|-------|
| Réf. 13028 | .B025       | .B034       | .B050       | .B064 | .B077 | .B091 | .B106 | .B119       | .B130 | .B155 | .B167 | .B183 | .B233 |
| ISO        | 13.5 - 17.2 | 13.5 - 21.3 | 21.3 - 42.4 | 48.3  | 60.3  | 76.1  | 88.9  | -           | 114.3 | -     | 139.7 | 168.3 | 219.1 |
| SMS        | -           | -           | 25 - 38     | 51    | 63.5  | 76    | -     | 101.6 - 104 | -     | -     | -     | -     | -     |
| ØA         | 25.4        | 34          | 50.5        | 64    | 77.5  | 91    | 106   | 119         | 130   | 155   | 167   | 183   | 233   |
| Rayon B    | 34          | 39          | 60          | 67    | 75    | 80    | 88    | 93          | 97    | 120   | 132   | 142   | 168   |
| C          | 65          | 74          | 103         | 113   | 128   | 137   | 150   | 165         | 174   | 216   | 240   | 260   | 318   |
| W          | 16          | 18          | 26          | 26    | 26    | 26    | 26    | 26          | 26    | 26    | 26    | 26    | 26    |
| Poids (Kg) | 0.16        | 0.22        | 0.66        | 0.82  | 0.94  | 1.02  | 1.07  | 1.27        | 1.33  | 1.74  | 1.93  | 2.11  | 2.52  |

## BOUCHON

### CARACTÉRISTIQUES TECHNIQUES

- Type : bouchon CLAMP série ISO et SMS
  - aucune zone de rétention
  - état de surface maximum : Ra ≤ 0.8 µm
- Applications : industrie chimique, pharmaceutique et agro-alimentaire
- Matériaux :
  - inox 316L
  - autres matériaux sur demande



réf. 13010

| Type       | Micro Clamp | Mini Clamp  | Clamp       |       |       |       |       |             |       |       |       |       |
|------------|-------------|-------------|-------------|-------|-------|-------|-------|-------------|-------|-------|-------|-------|
| Réf. 13010 | .B025       | .B034       | .B050       | .B064 | .B077 | .B091 | .B106 | .B119       | .B130 | .B155 | .B183 | .B233 |
| ISO        | 13.5 - 17.2 | 13.5 - 21.3 | 21.3 - 42.4 | 48.3  | 60.3  | 76.1  | 88.9  | -           | 114.3 | 139.7 | 168.3 | 219.1 |
| SMS        | -           | -           | 25 - 38     | 51    | 63.5  | 76    | -     | 101.6 - 104 | -     | -     | -     | -     |
| ØA         | 18.9        | 15.5        | 30.5        | 44    | 57.5  | 71.5  | 87    | 92          | 95    | 130   | 158   | 206   |
| C          | 25          | 34          | 50.5        | 64    | 77.5  | 91    | 106   | 119         | 130   | 155   | 183   | 233.5 |
| W          | 4.8         | 6           | 6.5         | 6.5   | 6.5   | 6.5   | 6.5   | 8           | 9     | 10    | 10    | 10    |
| Poids (Kg) | 0.02        | 0.03        | 0.08        | 0.14  | 0.2   | 0.29  | 0.4   | 0.6         | 0.77  | 1.31  | 1.94  | 3.24  |

## ADAPTATEUR MALE

réf. 13031

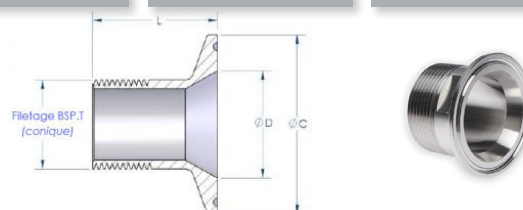
réf. 13032

réf. 13033

réf. 13034

### CARACTÉRISTIQUES TECHNIQUES

- Type : adaptateur CLAMP mâle avec contre ferrule
- Applications : industrie chimique, pharmaceutique et agro-alimentaire
- Raccordement : fileté selon profil BSPT (gaz conique)
- Matériaux :
  - inox 316L
  - autres matériaux sur demande



| Type<br>Réf. | Micro Clamp<br>13031 |      |      |       |       | Mini Clamp<br>13032 |      | Clamp<br>13033 |      |      |      |      |      |      |      |      |      | Clamp<br>13034 |      |      |        |      |
|--------------|----------------------|------|------|-------|-------|---------------------|------|----------------|------|------|------|------|------|------|------|------|------|----------------|------|------|--------|------|
| Modèle       | -10-                 | -10- | -10- | -16-  | -16-  | -10-                | -16- | -10-           | -10- | -16- | -16- | -22- | -22- | -22- | -22- | -35- | -35- | -35-           | -48- | -48- | -48-   |      |
| Filetage     | 1/4"                 | 3/4" | 3/8" | 1/2"  | 3/8"  | 1/4"                | 1/2" | 1/4"           | 3/8" | 1/2" | 1/4" | 1/2" | 1/4" | 3/4" | 3/8" | 1"   | 1/2" | 3/4"           | 1"   | 1"   | 1 1/2" | 2"   |
| ØC           | 25                   | 25   | 25   | 25    | 25    | 34                  | 34   | 50.5           | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5           | 64   | 64   | 64     |      |
| ØD           | 9.5                  | 9.5  | 9.5  | 15.85 | 15.85 | 10                  | 16   | 10             | 10   | 16   | 16   | 22.2 | 22.2 | 22.2 | 22.2 | 22.2 | 34.9 | 34.9           | 34.9 | 47.6 | 47.6   | 47.6 |
| L            | 30                   | 35   | 30   | 32    | 30    | 25                  | 30   | 35             | 35   | 35   | 35   | 35   | 30   | 35   | 30   | 35   | 35   | 35             | 40   | 40   | 40     |      |
| Poids (Kg)   | 0.03                 | 0.09 | 0.04 | 0.03  | 0.04  | 0.05                | 0.07 | 0.1            | 0.1  | 0.1  | 0.1  | 0.1  | 0.09 | 0.11 | 0.1  | 0.19 | 0.09 | 0.1            | 0.12 | 0.18 | 0.19   | 0.2  |

## ADAPTATEUR FEMELLE

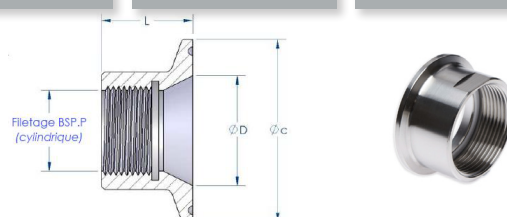
réf. 13041

réf. 13043

réf. 13044

### CARACTÉRISTIQUES TECHNIQUES

- Type : adaptateur CLAMP femelle avec contre ferrule
- Applications : industrie chimique, pharmaceutique et agro-alimentaire
- Raccordement : taraudé selon profil BSPT (gaz cylindrique)
- Matériaux :
  - inox 316L
  - joint interne en PTFE
  - autres matériaux sur demande



| Type       | Micro Clamp | Clamp |      |      |      |      |      |      |      |      |      | Clamp  |      |      |
|------------|-------------|-------|------|------|------|------|------|------|------|------|------|--------|------|------|
| Réf.       | 13041       | 13043 |      |      |      |      |      |      |      |      |      | 13044  |      |      |
| Modèle     | -10-        | -22-  | -22- | -22- | -22- | -35- | -35- | -35- | -35- | -48- | -48- | -48-   | -48- | -48- |
| Taraudage  | 1/4"        | 1/2"  | 1/4" | 3/4" | 1"   | 1/2" | 1/4" | 1"   | 1"   | 1"   | 1"   | 1 1/2" | 2"   | 2"   |
| ØC         | 25          | 50.5  | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 64   | 64   | 64     | 64   | 64   |
| ØD         | 9.5         | 22.2  | 22.2 | 22.2 | 22.2 | 34.9 | 34.9 | 34.9 | 34.9 | 47.6 | 47.6 | 47.6   | 47.6 | 47.6 |
| L          | 25          | 25    | 25   | 25   | 25   | 25   | 25   | 25   | 25   | 30   | 30   | 30     | 30   | 40   |
| Poids (Kg) | 0.05        | 0.11  | 0.12 | 0.1  | 0.11 | 0.09 | 0.11 | 0.1  | 0.13 | 0.13 | 0.13 | 0.13   | 0.13 | 0.13 |



## ADAPTATEUR CANNELÉ

réf. 13051

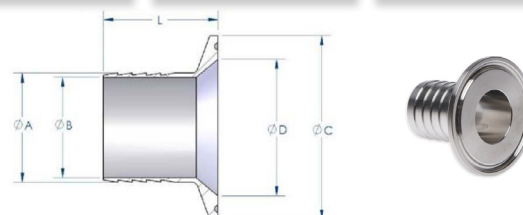
réf. 13052

réf. 13053

réf. 13054

## CARACTÉRISTIQUES TECHNIQUES

- Type : adaptateur cannelé avec contre ferrule
- Applications : industrie chimique, pharmaceutique et agro-alimentaire
- Raccordement : pour flexible
- Matériaux :
  - inox 316L
  - autres matériaux sur demande



## ► 13051

| Type       | Micro Clamp |      |      |      |      |       |       |      |       |       |       |       |       |       |       |
|------------|-------------|------|------|------|------|-------|-------|------|-------|-------|-------|-------|-------|-------|-------|
| Réf.       | 13051       |      |      |      |      |       |       |      |       |       |       |       |       |       |       |
| Modèle     | -10-        | -10- | -10- | -10- | -10- | -10-  | -10-  | -10- | -16-  | -16-  | -16-  | -16-  | -16-  | -16-  | -16-  |
| Ferrule    | 1/2"        | 1/2" | 1/2" | 1/2" | 1/2" | 1/2"  | 1/2"  | 1/2" | 3/4"  | 3/4"  | 3/4"  | 3/4"  | 3/4"  | 3/4"  | 3/4"  |
| Tuyau      | 1/4"        | 8x5  | 3/8" | 10x7 | 1/2" | 14x11 | 16x13 | 3/4" | 1/4"  | 8x5   | 3/8"  | 1/2"  | 14x11 | 16x13 | 3/4"  |
| ØA         | 6.4         | 8    | 9.5  | 10   | 12.7 | 14    | 16    | 19   | 6.4   | 8     | 9.5   | 12.7  | 14    | 16    | 19    |
| ØB         | 3.4         | 5    | 6.5  | 7    | 9.7  | 11    | 13    | 16   | 3.4   | 5     | 6.5   | 9.7   | 11    | 13    | 16    |
| ØC         | 25          | 25   | 25   | 25   | 25   | 25    | 25    | 25   | 25    | 25    | 25    | 25    | 25    | 25    | 25    |
| ØD         | 9.5         | 9.5  | 9.5  | 9.5  | 9.5  | 9.5   | 9.5   | 9.5  | 15.85 | 15.85 | 15.85 | 15.85 | 15.85 | 15.85 | 15.85 |
| L          | 32          | 32   | 32   | 32   | 32   | 32    | 32    | 32   | 32    | 32    | 32    | 32    | 32    | 32    | 32    |
| Poids (Kg) | 0.02        | 0.02 | 0.02 | 0.02 | 0.02 | 0.02  | 0.02  | 0.05 | 0.02  | 0.02  | 0.02  | 0.02  | 0.02  | 0.02  | 0.02  |

## ► 13052

| Type       | Mini Clamp |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|------------|------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Réf.       | 13052      |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| Modèle     | -10-       | -10-  | -10-  | -10-  | -10-  | -10-  | -16-  | -16-  | -16-  | -16-  | -20-  | -20-  | -20-  | -20-  | -20-  |
| Ferrule    | DN 10      | DN 10 | DN 10 | DN 10 | DN 10 | DN 10 | DN 15 | DN 15 | DN 15 | DN 15 | DN 20 | DN 20 | DN 20 | DN 20 | DN 20 |
| Tuyau      | 1/4"       | 8x5   | 3/8"  | 1/2"  | 14x11 | 3/4"  | 1/4"  | 3/8"  | 1/2"  | 3/4"  | 1/4"  | 3/8"  | 1/2"  | 3/4"  | 3/4"  |
| ØA         | 6.4        | 8     | 9.5   | 12.7  | 14    | 19    | 6.4   | 9.5   | 12.7  | 19    | 6.4   | 9.5   | 12.7  | 19    | 19    |
| ØB         | 3.4        | 5     | 6.5   | 9.7   | 11    | 16    | 3.4   | 6.5   | 9.7   | 16    | 3.4   | 6.5   | 9.7   | 16    | 16    |
| ØC         | 34         | 34    | 34    | 34    | 34    | 34    | 34    | 34    | 34    | 34    | 34    | 34    | 34    | 34    | 34    |
| ØD         | 10         | 10    | 10    | 10    | 10    | 10    | 16    | 16    | 16    | 16    | 20    | 20    | 20    | 20    | 20    |
| L          | 40         | 40    | 40    | 40    | 40    | 40    | 40    | 40    | 40    | 40    | 40    | 40    | 40    | 40    | 40    |
| Poids (Kg) | 0.04       | 0.04  | 0.04  | 0.04  | 0.04  | 0.04  | 0.04  | 0.04  | 0.04  | 0.04  | 0.04  | 0.04  | 0.04  | 0.04  | 0.04  |

## ► 13053

| Type       | Clamp |      |      |      |      |       |       |      |       |        |        |        |        |        |        |        |        |        |        |
|------------|-------|------|------|------|------|-------|-------|------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Réf.       | 13053 |      |      |      |      |       |       |      |       |        |        |        |        |        |        |        |        |        |        |
| Modèle     | -22-  | -22- | -22- | -22- | -22- | -22-  | -22-  | -22- | -22-  | -35-   | -35-   | -35-   | -35-   | -35-   | -35-   | -35-   | -35-   | -35-   | -35-   |
| Ferrule    | 1"    | 1"   | 1"   | 1"   | 1"   | 1"    | 1"    | 1"   | 1"    | 1 1/2" | 1 1/2" | 1 1/2" | 1 1/2" | 1 1/2" | 1 1/2" | 1 1/2" | 1 1/2" | 1 1/2" | 1 1/2" |
| Tuyau      | 1/4"  | 8x5  | 3/8" | 10x7 | 1/2" | 14x11 | 16x13 | 3/4" | 22x19 | 1"     | 1 1/4" | 8x5    | 3/8"   | 1/2"   | 14x11  | 16x13  | 3/4"   | 22x19  | 1"     |
| ØA         | 6.4   | 8    | 9.5  | 10   | 12.7 | 14    | 16    | 19   | 22    | 25.4   | 6.4    | 8      | 9.5    | 12.7   | 14     | 16     | 19     | 22     | 25.4   |
| ØB         | 3.4   | 5    | 6.5  | 7    | 9.7  | 11    | 13    | 16   | 19    | 22.4   | 3.4    | 5      | 6.5    | 9.7    | 11     | 13     | 16     | 19     | 22.4   |
| ØC         | 50.5  | 50.5 | 50.5 | 50.5 | 50.5 | 50.5  | 50.5  | 50.5 | 50.5  | 50.5   | 50.5   | 50.5   | 50.5   | 50.5   | 50.5   | 50.5   | 50.5   | 50.5   | 50.5   |
| ØD         | 22.2  | 22.2 | 22.2 | 22.2 | 22.2 | 22.2  | 22.2  | 22.2 | 22.2  | 34.9   | 34.9   | 34.9   | 34.9   | 34.9   | 34.9   | 34.9   | 34.9   | 34.9   | 34.9   |
| L          | 40    | 40   | 40   | 40   | 40   | 40    | 40    | 40   | 40    | 40     | 40     | 40     | 40     | 40     | 40     | 40     | 40     | 40     | 40     |
| Poids (Kg) | 0.08  | 0.08 | 0.08 | 0.08 | 0.09 | 0.09  | 0.09  | 0.09 | 0.09  | 0.09   | 0.09   | 0.08   | 0.08   | 0.08   | 0.08   | 0.08   | 0.08   | 0.08   | 0.08   |

## ► 13054

| Type       | Clamp |      |      |       |      |      |        |      |      |
|------------|-------|------|------|-------|------|------|--------|------|------|
| Réf.       | 13054 |      |      |       |      |      |        |      |      |
| Modèle     | -48-  | -48- | -48- | -48-  | -48- | -48- | -48-   | -48- | -48- |
| Ferrule    | 2"    | 2"   | 2"   | 2"    | 2"   | 2"   | 2"     | 2"   | 2"   |
| Tuyau      | 8x5   | 10x7 | 1/2" | 14x11 | 3/4" | 1"   | 1 1/2" | 2"   | 2"   |
| ØA         | 8     | 10   | 12.7 | 14    | 19   | 25.4 | 38.1   | 50.8 | 50.8 |
| ØB         | 5     | 7    | 9.7  | 11    | 16   | 22.4 | 35     | 47   | 47   |
| ØC         | 64    | 64   | 64   | 64    | 64   | 64   | 64     | 64   | 64   |
| ØD         | 47.6  | 47.6 | 47.6 | 47.6  | 47.6 | 47.6 | 47.6   | 47.6 | 47.6 |
| L          | 40    | 40   | 40   | 40    | 40   | 60   | 60     | 60   | 60   |
| Poids (Kg) | 0.12  | 0.12 | 0.12 | 0.12  | 0.12 | 0.14 | 0.14   | 0.17 | 0.17 |

# RACCORDS CLAMP

Dimensions en mm

## JOINT ISO

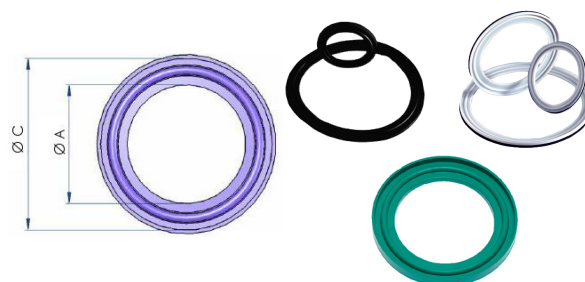
réf. 131x1

réf. 131x2

réf. 131x3

### CARACTÉRISTIQUES TECHNIQUES

- Type : joint CLAMP série ISO
- Applications : industrie chimique, pharmaceutique et agro-alimentaire
- Matériaux :
  - EPDM - réf. 13101 à 13103  
couleur noir
  - PTFE/FKM - réf. 13111 à 13113  
enveloppe PTFE, âme FKM
  - VITON - réf. 13121 à 13123  
couleur vert
  - autres matériaux sur demande



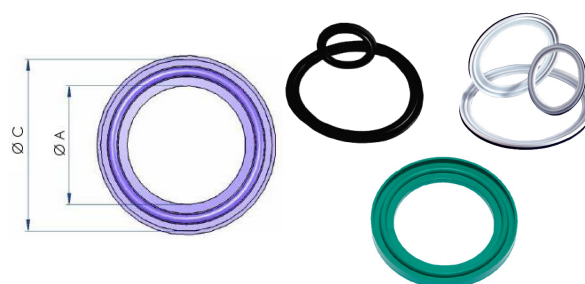
| Type<br>Réf. | Micro Clamp<br>131x1 |        | Mini Clamp<br>131x2 |        |        | Clamp<br>131x3 |        |        |         |        |        |        |        |        |        |        |        |       |
|--------------|----------------------|--------|---------------------|--------|--------|----------------|--------|--------|---------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| Modèle       | .013.5               | .017.2 | .013.5              | .017.2 | .021.3 | .021.3         | .026.9 | .033.7 | .042.4+ | .048.3 | .060.3 | .076.1 | .088.9 | .114.3 | .139.7 | .168.3 | .219.1 | .273  |
| DN           | 8                    | 10     | 8                   | 10     | 15     | 15             | 20     | 25     | 32      | 40     | 50     | 65     | 80     | 100    | 125    | 150    | 200    | 250   |
| ØA           | 10.3                 | 14     | 10.3                | 14     | 18.1   | 18.1           | 22.9   | 29.7   | 38.4    | 44.3   | 56.3   | 72.1   | 84.9   | 110.3  | 135.7  | 163.1  | 213.9  | 267.8 |
| ØC           | 22*                  | 22*    | 34                  | 34     | 34     | 50.5           | 50.5   | 50.5   | 64      | 64     | 77.5   | 91     | 106    | 130    | 155    | 183    | 233.5  | 286   |

## JOINT SMS

réf. 131x5

### CARACTÉRISTIQUES TECHNIQUES

- Type : joint CLAMP série SMS
- Applications : industrie chimique, pharmaceutique et agro-alimentaire
- Matériaux :
  - EPDM - réf. 13105  
couleur noir
  - PTFE/FKM - réf. 13115  
enveloppe PTFE, âme FKM
  - VITON - réf. 13125  
couleur vert
  - autres matériaux sur demande



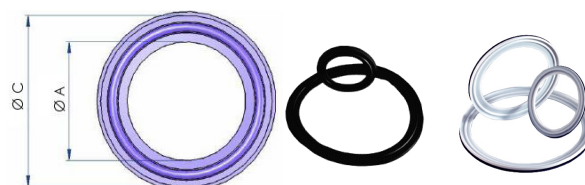
| Type Réf. | Clamp 131x5 |      |      |      |      |        |      |
|-----------|-------------|------|------|------|------|--------|------|
| Modèle    | .025        | .038 | .051 | .063 | .076 | .101.6 | .104 |
| Pouces    | 25          | 38   | 51   | 63   | 76   | 101.6  | 104  |
| ØA        | 22.6        | 35.6 | 48.6 | 60.3 | 72.1 | 97.6   | 100  |
| ØC        | 50.5        | 50.5 | 64   | 77.5 | 91   | 119    | 119  |

## JOINT ASME

réf. 132x0

### CARACTÉRISTIQUES TECHNIQUES

- Type : joint CLAMP série ASME
- Applications : industrie chimique, pharmaceutique et agro-alimentaire
- Matériaux :
  - EPDM - réf. 13200  
couleur noir
  - PTFE/FKM - réf. 13210  
enveloppe PTFE, âme FKM
  - autres matériaux sur demande



| Type Réf. | Clamp 132x0 |      |      |       |      |        |      |        |      |      |      |
|-----------|-------------|------|------|-------|------|--------|------|--------|------|------|------|
| Modèle    | .025        | .038 | .050 | .075  | .100 | .150   | .200 | .250   | .300 | .400 | .600 |
| Pouces    | 1/4"        | 3/8" | 1/2" | 3/4"  | 1"   | 1-1/2" | 2"   | 2-1/2" | 3"   | 4"   | 6"   |
| ØA        | 4.57        | 7.71 | 9.5  | 15.85 | 22.2 | 34.9   | 47.6 | 60.3   | 73   | 97.6 | 150  |
| ØC        | 22*         | 22*  | 22*  | 22*   | 50.5 | 50.5   | 64   | 77.5   | 91   | 119  | 167  |

\* Dimension Ferrule (bride) = 25.4 mm

## JOINTS GYLON®



## ➤ Joints PTFE haute performance

- Résistance chimique, étanchéité, résistance au fluage et stabilité dimensionnelle.
- Indéformables et ne pénètrent pas à l'intérieur des tuyaux.
- Pour tous les fluides de nettoyage, de neutralisation et de stérilisation, y compris la vapeur.
- Adaptés à toutes les températures de processus courantes.
- Installation facile et une sécurité de fonctionnement à long terme.
- Ne contient pas de phtalates ni de plastifiants
- Idéal pour une utilisation dans l'industrie alimentaire

## JOINT GYLON® ISO

## CARACTÉRISTIQUES TECHNIQUES

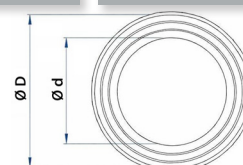
- Type : joint CLAMP GYLON série ISO
- Applications : industrie alimentaire et pharmaceutique
- Matériaux :
  - PTFE avec microbilles d'aluminosilicate
  - version 100% PTFE sur demande

| Type<br>Réf. | Micro Clamp<br>13G11 |      | Mini Clamp<br>13G12 |      |      | Clamp<br>13G13 |      |      |      |      |      |      |      |       |       |       |       |
|--------------|----------------------|------|---------------------|------|------|----------------|------|------|------|------|------|------|------|-------|-------|-------|-------|
| Modèle       | .008                 | .010 | .008                | .010 | .015 | .015           | .020 | .025 | .032 | .040 | .050 | .065 | .080 | .100  | .125  | .150  | .200  |
| DN           | 13.5                 | 17.2 | 13.5                | 17.2 | 21.3 | 21.3           | 26.9 | 33.7 | 42.4 | 48.3 | 60.3 | 76.1 | 88.9 | 114.3 | 139.7 | 168.3 | 219.1 |
| Ød           | 10.5                 | 14.2 | 10.2                | 14   | 18   | 18.3           | 23.9 | 29.9 | 38.6 | 44.5 | 56.5 | 72.3 | 84.5 | 109.9 | 135.9 | 163.3 | 214.1 |
| ØD           | 21.8                 | 21.8 | 34                  | 34   | 34   | 50.5           | 50.5 | 50.5 | 64   | 64   | 77.5 | 91   | 106  | 130   | 155   | 183   | 233   |

réf. 13G11

réf. 13G12

réf. 13G13



## JOINT GYLON® ASME

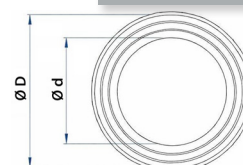
## CARACTÉRISTIQUES TECHNIQUES

- Type : joint CLAMP GYLON série ASME
- Applications : industrie alimentaire et pharmaceutique
- Matériaux :
  - PTFE avec microbilles d'aluminosilicate
  - version 100% PTFE sur demande

| Type Réf. | Micro Clamp 13G11 |         |        |        | Clamp 13G13 |         |      |         |      |      |       |       |
|-----------|-------------------|---------|--------|--------|-------------|---------|------|---------|------|------|-------|-------|
| Modèle    | .0001/4           | .0003/8 | .001/2 | .003/4 | .01         | .01.1/2 | .02  | .02.1/2 | .03  | .04  | .06   | .08   |
| Pouces    | 1/4"              | 3/8"    | 1/2"   | 3/4"   | 1"          | 1-1/2"  | 2"   | 2-1/2"  | 3"   | 4"   | 6"    | 8"    |
| Ød        | 4.8               | 8       | 9.6    | 16     | 22.3        | 35      | 47.7 | 60.4    | 73.1 | 97.6 | 147.1 | 197.6 |
| ØD        | 21.8              | 21.8    | 21.8   | 21.8   | 50.5        | 50.5    | 64   | 77.5    | 91   | 119  | 167   | 217.7 |

réf. 13G21

réf. 13G23



## JOINT GYLON® DIN

## CARACTÉRISTIQUES TECHNIQUES

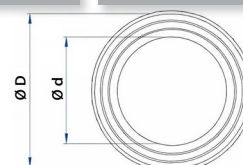
- Type : joint CLAMP GYLON série DIN
- Applications : industrie alimentaire et pharmaceutique
- Matériaux :
  - PTFE avec microbilles d'aluminosilicate
  - version 100% PTFE sur demande

| Type Réf. | Micro Clamp 13G31 |  | Mini Clamp 13G32 |  | Clamp 13G33 |       |
|-----------|-------------------|--|------------------|--|-------------|-------|
| Modèle    | .008              |  | .020             |  | .100        | .200  |
| DN        | 8                 |  | 20               |  | 100         | 200   |
| Ød        | 8.2               |  | 20.2             |  | 100.2       | 200.2 |
| ØD        | 21.8              |  | 34               |  | 119         | 233.5 |

réf. 13G31

réf. 13G32

réf. 13G33



## JOINT GYLON® SMS

## CARACTÉRISTIQUES TECHNIQUES

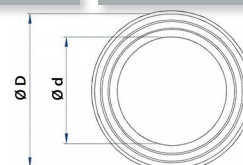
- Type : joint CLAMP GYLON série SMS
- Applications : industrie alimentaire et pharmaceutique
- Matériaux :
  - PTFE avec microbilles d'aluminosilicate
  - version 100% PTFE sur demande

| Type Réf. | Clamp 13G43 |      |      |      |      |       |
|-----------|-------------|------|------|------|------|-------|
| Modèle    | .025        | .038 | .051 | .063 | .076 | .101  |
| SMS       | 25          | 38   | 51   | 63.5 | 76.1 | 101.6 |
| Ød        | 22.8        | 35.8 | 48.8 | 60.5 | 73.1 | 97.8  |
| ØD        | 50.5        | 50.5 | 64   | 77.5 | 91   | 119   |

réf. 13G31

réf. 13G32

réf. 13G33



# RACCORDS À JOINT PLAT

Dimensions en mm

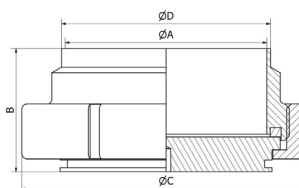
## RACCORD À JOINT PLAT ET FILETS ROUNDS BOUCHON / BW

réf. 4600

réf. 4601

### CARACTÉRISTIQUES TECHNIQUES

- Type : raccord avec bouchon, embout BW, joint plat, écrou et jonc CERCLAM.  
passage intégral - réf. 4600  
passage réduit - réf. 4601
- Gamme dimensionnelle : DN 12-100
- Classe de pression : PN 40
- Raccordement : bouchon / à souder BW tube ISO
- Matériaux :
  - inox avec joint BUTYL - réf. 460x
  - inox avec joint PTFE - réf. 460xT
  - autres matériaux sur demande



| DN | Réf. 4600 - passage intégral |      |      |      |      |      |      |       | Réf. 4601 - passage réduit |      |      |      |
|----|------------------------------|------|------|------|------|------|------|-------|----------------------------|------|------|------|
|    | 12                           | 15   | 20   | 25   | 32   | 40   | 50   | 100   | 20                         | 40   | 65   | 80   |
| ØA | 14                           | 18   | 23.7 | 30.5 | 39.2 | 45.1 | 56.3 | 110.3 | 20                         | 41   | 68   | 80   |
| B  | 38                           | 38   | 44   | 44   | 44   | 44.5 | 44.5 | 67    | 38                         | 44.5 | 55   | 55   |
| ØC | 54.5                         | 54.5 | 59.5 | 69   | 79   | 84   | 94   | 158   | 54.5                       | 79   | 109  | 119  |
| ØD | 17.2                         | 21.3 | 26.9 | 33.7 | 42.4 | 48.3 | 60.3 | 114.3 | 26.9                       | 48.3 | 76.1 | 88.9 |

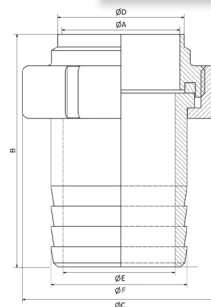
## RACCORD À JOINT PLAT ET FILETS ROUNDS CANNÉLÉ / BW

réf. 4610

réf. 4611

### CARACTÉRISTIQUES TECHNIQUES

- Type : raccord avec embout cannelé, embout BW, joint plat et écrou.  
passage intégral - réf. 4610  
passage réduit - réf. 4611
- Gamme dimensionnelle : DN 15-50
- Classe de pression : PN 40
- Raccordement : cannelé / à souder BW tube ISO
- Matériaux :
  - inox avec joint BUTYL - réf. 461x
  - inox avec joint PTFE - réf. 461xT
  - autres matériaux sur demande



| DN | Réf. 4610 - passage intégral |      |      |      |      |      | Réf. 4611 - passage réduit |      |
|----|------------------------------|------|------|------|------|------|----------------------------|------|
|    | 15                           | 20   | 25   | 32   | 40   | 50   | 20                         | 40   |
| ØA | 18                           | 23.7 | 30.5 | 39.2 | 45.1 | 56.3 | 20                         | 41   |
| B  | 63                           | 69   | 76   | 91   | 92.5 | 90.5 | 63                         | 91   |
| ØC | 54.5                         | 59.5 | 69   | 79   | 84   | 94   | 54.5                       | 79   |
| ØD | 21.3                         | 26.9 | 33.7 | 42.4 | 48.3 | 60.3 | 26.9                       | 48.3 |
| ØE | 15                           | 20   | 25   | 35   | 41.5 | 48   | 20                         | 41.5 |
| ØF | 19                           | 26   | 32   | 47.5 | 47.5 | 53.5 | 26                         | 47.5 |

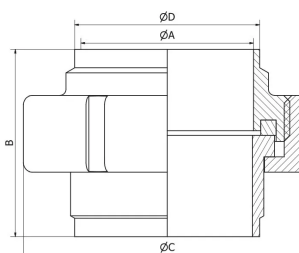
## RACCORD À JOINT PLAT ET FILETS ROUNDS BW / BW

réf. 4620

réf. 4621

### CARACTÉRISTIQUES TECHNIQUES

- Type : raccord avec deux embouts BW, joint plat et écrou.  
passage intégral - réf. 4620  
passage réduit - réf. 4621
- Gamme dimensionnelle : DN 12-100
- Classe de pression : PN 40
- Raccordement : à souder BW / BW tube ISO
- Matériaux :
  - inox avec joint BUTYL - réf. 462x
  - inox avec joint PTFE - réf. 462xT
  - autres matériaux sur demande



| DN | Réf. 4620 - passage intégral |      |      |      |      |      |      |       | Réf. 4621 - passage réduit |      |      |      |
|----|------------------------------|------|------|------|------|------|------|-------|----------------------------|------|------|------|
|    | 12                           | 15   | 20   | 25   | 32   | 40   | 50   | 100   | 20                         | 40   | 65   | 80   |
| ØA | 14                           | 18   | 23.7 | 30.5 | 39.2 | 45.1 | 56.3 | 110.3 | 20                         | 41   | 68   | 80   |
| B  | 50                           | 50   | 58   | 58   | 58   | 61   | 61   | 90    | 50                         | 58   | 71   | 71   |
| ØC | 54.5                         | 54.5 | 59.5 | 69   | 79   | 84   | 94   | 158   | 54.5                       | 79   | 109  | 119  |
| ØD | 17.2                         | 21.3 | 26.9 | 33.7 | 42.4 | 48.3 | 60.3 | 114.3 | 26.9                       | 48.3 | 76.1 | 88.9 |

## RACCORD SMS

réf. 46500

## CARACTÉRISTIQUES TECHNIQUES

- Type : raccord union SMS
- Gamme dimensionnelle : SMS 25-104
- Raccordement : à souder BW tube SMS
- Matériaux :
  - construction inox 316 (écrou inox 304)
  - joint EPDM
  - autres matériaux sur demande



| Plan     |                          |    |              |     |      |    |                     |      |    |                  |      |      |              |     |    |               |     |    |    |       |      |   |
|----------|--------------------------|----|--------------|-----|------|----|---------------------|------|----|------------------|------|------|--------------|-----|----|---------------|-----|----|----|-------|------|---|
| Type     | Raccord complet à souder |    | Écrou à cran |     |      |    | Nez fileté à souder |      |    | Douille à souder |      |      | Fond d'écrou |     |    | Écrou bouchon |     |    |    | Joint |      |   |
| Réf. SMS | 46500                    |    | 46501        |     |      |    | 46502               |      |    | 46503            |      |      | 46504        |     |    | 46505         |     |    |    | 46509 |      |   |
|          | D                        | L  | A            | D   | d    | H  | A                   | d    | L  | D                | d    | L    | D            | d   | E  | A             | D   | H  | H1 | D     | d    | e |
| 25       | 51                       | 38 | 40x6F"       | 51  | 32.5 | 20 | 40x6F"              | 22.5 | 19 | 35.5             | 22.5 | 15.5 | 35           | 31  | 7  | 40x6F"        | 51  | 20 | 29 | 32    | 22.5 | 5 |
| 38       | 74                       | 45 | 60x6F"       | 74  | 49   | 25 | 60x6F"              | 35.5 | 23 | 55               | 35.5 | 16   | 55           | 48  | 8  | 60x6F"        | 74  | 25 | 34 | 48    | 35.5 | 5 |
| 51       | 84                       | 47 | 70x6F"       | 84  | 62   | 26 | 70x6F"              | 48.5 | 23 | 65               | 48.5 | 17   | 65           | 60  | 9  | 70x6F"        | 84  | 26 | 35 | 61    | 48.5 | 5 |
| 63       | 100                      | 50 | 85x6F"       | 100 | 74.5 | 28 | 85x6F"              | 60.5 | 27 | 80               | 60.5 | 17   | 80           | 74  | 9  | 85x6F"        | 100 | 28 | 37 | 73.5  | 60.5 | 5 |
| 76       | 114                      | 50 | 98x6F"       | 114 | 87   | 30 | 98x6F"              | 72   | 27 | 93               | 72   | 19   | 93           | 86  | 10 | 98x6F"        | 114 | 30 | 39 | 86    | 72.9 | 5 |
| 104      | 138.5                    | 56 | 125x4F"      | 138 | 113  | 31 | 125x4F"             | 100  | 30 | 118              | 100  | 19   | 118          | 112 | 11 | 125x4F"       | 140 | 31 | 40 | 116   | 100  | 5 |

## RACCORD DIN

réf. 46600

## CARACTÉRISTIQUES TECHNIQUES

- Type : raccord union DIN
- Gamme dimensionnelle : DN 10-150
- Raccordement : à souder BW tube DIN
- Matériaux :
  - construction inox 316 (écrou inox 304)
  - joint EPDM
  - autres matériaux sur demande



| Plan    |                          |     |    |              |     |     |    |                     |     |     |    |                  |     |     |    |              |    |               |     |    |       |     |     |   |
|---------|--------------------------|-----|----|--------------|-----|-----|----|---------------------|-----|-----|----|------------------|-----|-----|----|--------------|----|---------------|-----|----|-------|-----|-----|---|
| Type    | Raccord complet à souder |     |    | Écrou à cran |     |     |    | Nez fileté à souder |     |     |    | Douille à souder |     |     |    | Fond d'écrou |    | Écrou bouchon |     |    | Joint |     |     |   |
| Réf. DN | 46600                    |     |    | 46601        |     |     |    | 46602               |     |     |    | 46603            |     |     |    | 46604        |    | 46605         |     |    | 46609 |     |     |   |
|         | Ø                        | D   | L  | A            | D   | d   | H  | A                   | Ø   | d   | H  | Ø                | D   | d   | H  | D            | H  | A             | D   | H  | D     | d   | e   |   |
| 10      | 15                       | 38  | 34 | 28x8F"       | 38  | 19  | 18 | 28x8F"              | 15  | 10  | 21 | 15               | 22  | 10  | 17 | 22           | 9  | 28x8F"        | 38  | 18 | 20    | 12  | 4.5 |   |
| 15      | 21                       | 44  | 34 | 34x8F"       | 44  | 25  | 18 | 34x8F"              | 21  | 16  | 21 | 21               | 28  | 16  | 17 | 28           | 9  | 34x8F"        | 44  | 18 | 26    | 18  | 4.5 |   |
| 20      | 25                       | 54  | 36 | 44x6F"       | 54  | 31  | 21 | 44x6F"              | 25  | 20  | 24 | 25               | 36  | 20  | 18 | 36           | 11 | 44x6F"        | 54  | 21 | 33    | 23  | 4.5 |   |
| 25      | 31                       | 63  | 45 | 52x6F"       | 63  | 36  | 21 | 52x6F"              | 31  | 26  | 29 | 31               | 44  | 26  | 22 | 44           | 14 | 52x6F"        | 63  | 21 | 40    | 30  | 5   |   |
| 32      | 37                       | 70  | 51 | 58x6F"       | 70  | 42  | 21 | 58x6F"              | 37  | 32  | 32 | 37               | 50  | 32  | 25 | 50           | 14 | 58x6F"        | 70  | 21 | 46    | 36  | 5   |   |
| 40      | 43                       | 78  | 53 | 65x6F"       | 78  | 49  | 21 | 65x6F"              | 43  | 38  | 33 | 43               | 56  | 38  | 26 | 56           | 14 | 65x6F"        | 78  | 21 | 52    | 42  | 5   |   |
| 50      | 55                       | 92  | 57 | 78x6F"       | 92  | 62  | 22 | 78x6F"              | 55  | 50  | 35 | 55               | 68  | 50  | 28 | 68           | 15 | 78x6F"        | 92  | 22 | 64    | 54  | 5   |   |
| 65      | 72                       | 112 | 65 | 95x6F"       | 112 | 80  | 25 | 95x6F"              | 72  | 66  | 40 | 72               | 86  | 66  | 32 | 86           | 17 | 95x6F"        | 112 | 25 | 81    | 71  | 5   |   |
| 80      | 87                       | 127 | 75 | 110x4F"      | 127 | 94  | 29 | 110x4F"             | 87  | 81  | 45 | 87               | 100 | 81  | 37 | 100          | 17 | 110x4F"       | 127 | 30 | 95    | 85  | 5   |   |
| 100     | 106                      | 148 | 89 | 130x4F"      | 148 | 115 | 31 | 130x4F"             | 106 | 100 | 54 | 106              | 121 | 100 | 44 | 121          | 21 | 130x4F"       | 148 | 31 | 114   | 104 | 6   |   |
| 125     | 132                      | 178 | 70 | 160x4F"      | 178 | 138 | 35 | 160x4F"             | 132 | 125 | 46 | 132              | 150 | 125 | 34 | -            | -  | -             | -   | -  | -     | 142 | 130 | 7 |
| 150     | 157                      | 210 | 76 | 190x4F"      | 210 | 164 | 40 | 190x4F"             | 157 | 150 | 50 | 157              | 176 | 150 | 37 | -            | -  | -             | -   | -  | -     | 167 | 155 | 7 |



# ACCESSOIRES RACCORDS

Dimensions en mm

## ACCESSOIRES RACCORDS INOX 316 L

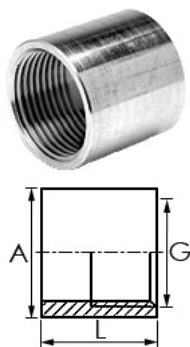
Caractéristiques communes aux références 8500 à 8530 :

Filetage gaz (mâle conique) - tauraudage gaz (femelle cylindrique)

Construction en inox 316L (sauf pièces moulées réf. 8506, 8507 et 8508 : inox 316)

### EMBOUIT FEMELLE

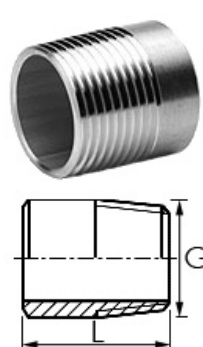
réf. 8500



| DN  | G      | A   | L  |
|-----|--------|-----|----|
| 5   | 1/8"   | 14  | 18 |
| 8   | 1/4"   | 18  | 22 |
| 12  | 3/8"   | 22  | 25 |
| 15  | 1/2"   | 25  | 28 |
| 20  | 3/4"   | 30  | 32 |
| 25  | 1"     | 38  | 36 |
| 32  | 1 1/4" | 50  | 36 |
| 40  | 1 1/2" | 55  | 40 |
| 50  | 2"     | 65  | 40 |
| 65  | 2 1/2" | 85  | 55 |
| 80  | 3"     | 95  | 70 |
| 100 | 4"     | 122 | 80 |

### EMBOUIT MALE

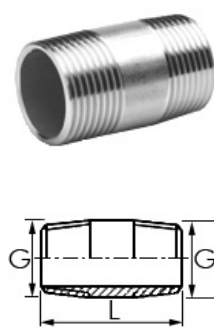
réf. 8501



| DN  | G      | L  |
|-----|--------|----|
| 5   | 1/8"   | 22 |
| 8   | 1/4"   | 22 |
| 12  | 3/8"   | 23 |
| 15  | 1/2"   | 27 |
| 20  | 3/4"   | 33 |
| 25  | 1"     | 35 |
| 32  | 1 1/4" | 36 |
| 40  | 1 1/2" | 41 |
| 50  | 2"     | 46 |
| 65  | 2 1/2" | 55 |
| 80  | 3"     | 60 |
| 100 | 4"     | 80 |

### BOBINE M/M

réf. 8502



| DN  | G      | L   |
|-----|--------|-----|
| 5   | 1/8"   | 31  |
| 8   | 1/4"   | 36  |
| 12  | 3/8"   | 39  |
| 15  | 1/2"   | 42  |
| 20  | 3/4"   | 50  |
| 25  | 1"     | 56  |
| 32  | 1 1/4" | 58  |
| 40  | 1 1/2" | 62  |
| 50  | 2"     | 74  |
| 65  | 2 1/2" | 80  |
| 80  | 3"     | 100 |
| 100 | 4"     | 120 |

### MANCHON FEMELLE

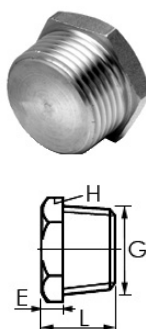
réf. 8503



| DN  | G      | A    | L  |
|-----|--------|------|----|
| 5   | 1/8"   | 14   | 19 |
| 8   | 1/4"   | 17.2 | 25 |
| 12  | 3/8"   | 21.3 | 26 |
| 15  | 1/2"   | 26.9 | 34 |
| 20  | 3/4"   | 32   | 36 |
| 25  | 1"     | 40   | 43 |
| 32  | 1 1/4" | 48.3 | 48 |
| 40  | 1 1/2" | 55   | 48 |
| 50  | 2"     | 67   | 56 |
| 65  | 2 1/2" | 85   | 65 |
| 80  | 3"     | 95   | 72 |
| 100 | 4"     | 122  | 82 |

### BOUCHON MALE

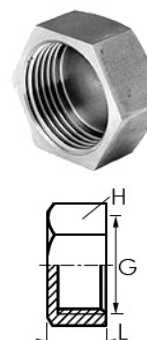
réf. 8504



| DN  | G      | E  | H   | L     |
|-----|--------|----|-----|-------|
| 5   | 1/8"   | 5  | 10  | 13    |
| 8   | 1/4"   | 5  | 14  | 15/16 |
| 12  | 3/8"   | 5  | 19  | 15/16 |
| 15  | 1/2"   | 7  | 23  | 20/21 |
| 20  | 3/4"   | 7  | 27  | 22/23 |
| 25  | 1"     | 7  | 36  | 23/25 |
| 32  | 1 1/4" | 8  | 46  | 27/28 |
| 40  | 1 1/2" | 10 | 50  | 30/32 |
| 50  | 2"     | 11 | 60  | 34/36 |
| 65  | 2 1/2" | 12 | 78  | 37    |
| 80  | 3"     | 12 | 92  | 42    |
| 100 | 4"     | 12 | 118 | 47    |

### BOUCHON FEMELLE

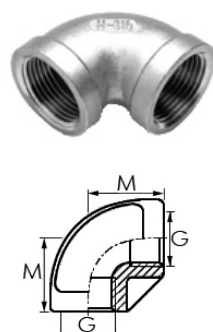
réf. 8505



| DN  | G      | H   | L     |
|-----|--------|-----|-------|
| 5   | 1/8"   | 13  | 10    |
| 8   | 1/4"   | 17  | 10/12 |
| 12  | 3/8"   | 21  | 12/16 |
| 15  | 1/2"   | 24  | 14/18 |
| 20  | 3/4"   | 30  | 16/18 |
| 25  | 1"     | 38  | 17/22 |
| 32  | 1 1/4" | 46  | 19/22 |
| 40  | 1 1/2" | 55  | 23/26 |
| 50  | 2"     | 65  | 25/26 |
| 65  | 2 1/2" | 84  | 29    |
| 80  | 3"     | 95  | 34    |
| 100 | 4"     | 124 | 40    |

### COUDE 90° F/F

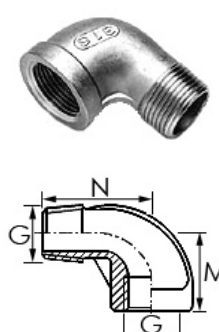
réf. 8506



| DN  | G      | M  |
|-----|--------|----|
| 5   | 1/8"   | 17 |
| 8   | 1/4"   | 20 |
| 12  | 3/8"   | 24 |
| 15  | 1/2"   | 28 |
| 20  | 3/4"   | 32 |
| 25  | 1"     | 38 |
| 32  | 1 1/4" | 45 |
| 40  | 1 1/2" | 50 |
| 50  | 2"     | 58 |
| 65  | 2 1/2" | 70 |
| 80  | 3"     | 78 |
| 100 | 4"     | 97 |

### COUDE 90° M/F

réf. 8507



| DN  | G      | M  | N   |
|-----|--------|----|-----|
| 5   | 1/8"   | 17 | 26  |
| 8   | 1/4"   | 20 | 28  |
| 12  | 3/8"   | 24 | 36  |
| 15  | 1/2"   | 28 | 40  |
| 20  | 3/4"   | 32 | 46  |
| 25  | 1"     | 38 | 54  |
| 32  | 1 1/4" | 45 | 62  |
| 40  | 1 1/2" | 50 | 69  |
| 50  | 2"     | 58 | 80  |
| 65  | 2 1/2" | 70 | 98  |
| 80  | 3"     | 78 | 112 |
| 100 | 4"     | 97 | 132 |

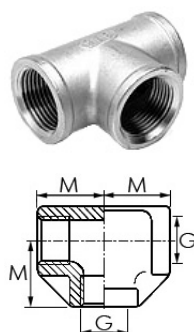
## ACCESSOIRES RACCORDS

Dimensions en mm

## ACCESSOIRES RACCORDS INOX 316 L

## TÉ EGAL

réf. 8508



| DN  | G      | M  |
|-----|--------|----|
| 5   | 1/8"   | 17 |
| 8   | 1/4"   | 20 |
| 12  | 3/8"   | 24 |
| 15  | 1/2"   | 28 |
| 20  | 3/4"   | 32 |
| 25  | 1"     | 38 |
| 32  | 1 1/4" | 45 |
| 40  | 1 1/2" | 50 |
| 50  | 2"     | 58 |
| 65  | 2 1/2" | 70 |
| 80  | 3"     | 78 |
| 100 | 4"     | 97 |

## RACCORD UNION LISSE/LISSE

réf. 8509



| DN  | G      | L   | O     | R   | S   |
|-----|--------|-----|-------|-----|-----|
| 5   | 1/8"   | 40  | 10.2  | 17  | 2   |
| 8   | 1/4"   | 40  | 13.5  | 17  | 21  |
| 12  | 3/8"   | 45  | 17.2  | 21  | 24  |
| 15  | 1/2"   | 48  | 21.3  | 27  | 30  |
| 20  | 3/4"   | 52  | 26.9  | 36  | 36  |
| 25  | 1"     | 55  | 33.7  | 35  | 46  |
| 32  | 1 1/4" | 56  | 42.4  | 45  | 55  |
| 40  | 1 1/2" | 58  | 48.3  | 50  | 60  |
| 50  | 2"     | 62  | 60.3  | 60  | 70  |
| 65  | 2 1/2" | 81  | 76.1  | 80  | 92  |
| 80  | 3"     | 96  | 88.9  | 94  | 110 |
| 100 | 4"     | 130 | 114.3 | 115 | 135 |

## RACCORD UNION F/F

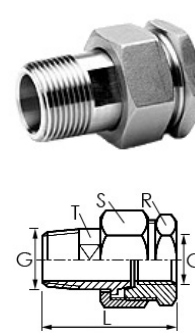
réf. 8510



| DN  | G      | L  | R   | S   | T   |
|-----|--------|----|-----|-----|-----|
| 5   | 1/8"   | 29 | 21  | 24  | 14  |
| 8   | 1/4"   | 29 | 21  | 24  | 14  |
| 12  | 3/8"   | 34 | 27  | 30  | 18  |
| 15  | 1/2"   | 34 | 36  | 36  | 24  |
| 20  | 3/4"   | 38 | 37  | 46  | 30  |
| 25  | 1"     | 44 | 46  | 55  | 38  |
| 32  | 1 1/4" | 50 | 50  | 60  | 45  |
| 40  | 1 1/2" | 53 | 60  | 70  | 54  |
| 50  | 2"     | 54 | 70  | 84  | 63  |
| 65  | 2 1/2" | 63 | 94  | 110 | 83  |
| 80  | 3"     | 75 | 104 | 122 | 94  |
| 100 | 4"     | 94 | 140 | 150 | 125 |

## RACCORD UNION M/F

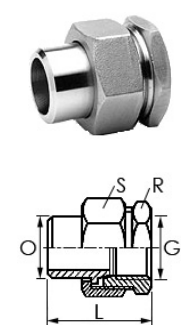
réf. 8511



| DN  | G      | L   | R   | S   | T   |
|-----|--------|-----|-----|-----|-----|
| 5   | 1/8"   | 32  | 17  | 21  | 10  |
| 8   | 1/4"   | 38  | 17  | 21  | 11  |
| 12  | 3/8"   | 42  | 21  | 24  | 14  |
| 15  | 1/2"   | 49  | 27  | 30  | 18  |
| 20  | 3/4"   | 57  | 36  | 36  | 24  |
| 25  | 1"     | 66  | 37  | 46  | 30  |
| 32  | 1 1/4" | 70  | 46  | 55  | 38  |
| 40  | 1 1/2" | 71  | 52  | 60  | 45  |
| 50  | 2"     | 79  | 63  | 70  | 54  |
| 65  | 2 1/2" | 88  | 80  | 92  | 71  |
| 80  | 3"     | 100 | 94  | 110 | 84  |
| 100 | 4"     | 122 | 120 | 150 | 108 |

## RACCORD UNION LISSE/F

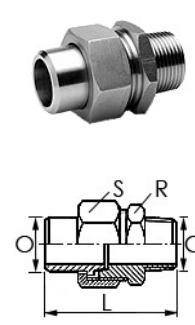
réf. 8512



| DN  | G      | O     | L   | R   | S   |
|-----|--------|-------|-----|-----|-----|
| 5   | 1/8"   | 10.2  | 31  | 17  | 21  |
| 8   | 1/4"   | 13.5  | 31  | 17  | 21  |
| 12  | 3/8"   | 17.2  | 35  | 21  | 24  |
| 15  | 1/2"   | 21.3  | 40  | 27  | 30  |
| 20  | 3/4"   | 26.9  | 45  | 36  | 36  |
| 25  | 1"     | 33.7  | 50  | 37  | 46  |
| 32  | 1 1/4" | 42.4  | 53  | 46  | 55  |
| 40  | 1 1/2" | 48.3  | 53  | 52  | 60  |
| 50  | 2"     | 60.3  | 61  | 63  | 70  |
| 65  | 2 1/2" | 76.1  | 71  | 80  | 92  |
| 80  | 3"     | 88.9  | 84  | 94  | 110 |
| 100 | 4"     | 114.3 | 110 | 120 | 135 |

## RACCORD UNION LISSE/M

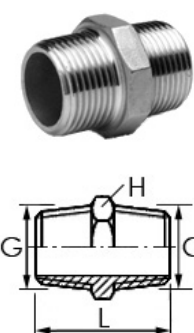
réf. 8513



| DN  | G      | O     | L   | R   | S   |
|-----|--------|-------|-----|-----|-----|
| 5   | 1/8"   | 10.2  | 40  | 17  | 21  |
| 8   | 1/4"   | 13.5  | 40  | 17  | 21  |
| 12  | 3/8"   | 17.2  | 47  | 21  | 24  |
| 15  | 1/2"   | 21.3  | 52  | 27  | 30  |
| 20  | 3/4"   | 26.9  | 59  | 36  | 36  |
| 25  | 1"     | 33.7  | 64  | 35  | 46  |
| 32  | 1 1/4" | 42.4  | 65  | 45  | 55  |
| 40  | 1 1/2" | 48.3  | 65  | 50  | 60  |
| 50  | 2"     | 60.3  | 73  | 60  | 70  |
| 65  | 2 1/2" | 76.1  | 91  | 80  | 92  |
| 80  | 3"     | 88.9  | 108 | 94  | 110 |
| 100 | 4"     | 114.3 | 145 | 115 | 135 |

## MAMELON 6 PANS

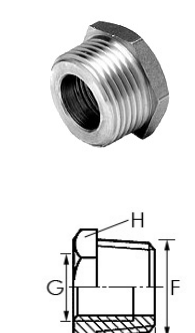
réf. 8514



| DN | G      | H  | L  |
|----|--------|----|----|
| 5  | 1/8"   | 12 | 25 |
| 8  | 1/4"   | 15 | 33 |
| 12 | 3/8"   | 20 | 35 |
| 15 | 1/2"   | 23 | 42 |
| 20 | 3/4"   | 29 | 48 |
| 25 | 1"     | 36 | 52 |
| 32 | 1 1/4" | 46 | 58 |
| 40 | 1 1/2" | 52 | 58 |
| 50 | 2"     | 63 | 64 |
| 65 | 2 1/2" | 80 | 74 |
| 80 | 3"     | 95 | 86 |

## REDUCTION M/F

réf. 8515



| DN      | F      | G      | H  | L  |
|---------|--------|--------|----|----|
| 8 / 5   | 1/4"   | 1/8"   | 14 | 13 |
| 12 / 8  | 3/8"   | 1/4"   | 19 | 15 |
| 15 / 8  | 1/2"   | 1/4"   | 23 | 18 |
| 15 / 12 | 1/2"   | 3/8"   | 23 | 18 |
| 20 / 8  | 3/4"   | 1/4"   | 27 | 22 |
| 20 / 12 | 3/4"   | 3/8"   | 27 | 22 |
| 20 / 15 | 3/4"   | 1/2"   | 27 | 22 |
| 25 / 8  | 1"     | 1/4"   | 36 | 23 |
| 25 / 12 | 1"     | 3/8"   | 36 | 23 |
| 25 / 15 | 1"     | 1/2"   | 36 | 23 |
| 25 / 20 | 1"     | 3/4"   | 36 | 23 |
| 32 / 20 | 1 1/4" | 3/4"   | 46 | 27 |
| 32 / 25 | 1 1/4" | 1"     | 46 | 27 |
| 40 / 25 | 1 1/2" | 1"     | 50 | 30 |
| 40 / 32 | 1 1/2" | 1 1/4" | 50 | 30 |
| 50 / 15 | 2"     | 1/2"   | 60 | 34 |
| 50 / 40 | 2"     | 1 1/2" | 60 | 34 |

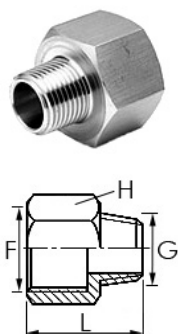
# ACCESSOIRES RACCORDS

Dimensions en mm

## ACCESSOIRES RACCORDS INOX 316L

### RÉDUCTION F/M

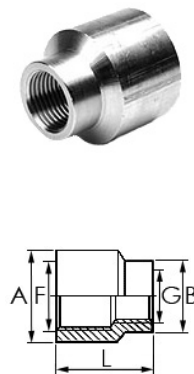
réf. 8516



| DN      | F      | G      | H  | L  |
|---------|--------|--------|----|----|
| 8 / 5   | 1/4"   | 1/8"   | 17 | 25 |
| 12 / 8  | 3/8"   | 1/4"   | 21 | 28 |
| 15 / 8  | 1/2"   | 1/4"   | 24 | 31 |
| 15 / 12 | 1/2"   | 3/8"   | 24 | 32 |
| 20 / 8  | 3/4"   | 1/4"   | 30 | 35 |
| 20 / 12 | 3/4"   | 3/8"   | 30 | 35 |
| 20 / 15 | 3/4"   | 1/2"   | 30 | 36 |
| 25 / 15 | 1"     | 1/2"   | 36 | 39 |
| 25 / 20 | 1"     | 3/4"   | 36 | 43 |
| 32 / 20 | 1 1/4" | 3/4"   | 46 | 46 |
| 32 / 25 | 1 1/4" | 1"     | 46 | 49 |
| 40 / 25 | 1 1/2" | 1"     | 55 | 49 |
| 40 / 32 | 1 1/2" | 1 1/4" | 55 | 50 |
| 50 / 40 | 2"     | 1 1/4" | 65 | 54 |

### RÉDUCTION F/F

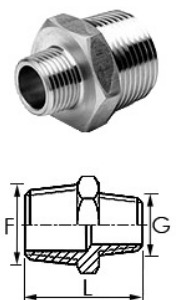
réf. 8517



| DN      | F      | G      | A  | B  | L  |
|---------|--------|--------|----|----|----|
| 8 / 5   | 1/4"   | 1/8"   | 18 | 14 | 27 |
| 12 / 8  | 3/8"   | 1/4"   | 22 | 17 | 30 |
| 15 / 8  | 1/2"   | 1/4"   | 25 | 17 | 36 |
| 15 / 12 | 1/2"   | 3/8"   | 25 | 21 | 36 |
| 20 / 8  | 3/4"   | 1/4"   | 32 | 17 | 38 |
| 20 / 12 | 3/4"   | 3/8"   | 32 | 21 | 38 |
| 20 / 15 | 3/4"   | 1/2"   | 32 | 27 | 38 |
| 25 / 8  | 1"     | 1/4"   | 40 | 16 | 43 |
| 25 / 12 | 1"     | 3/8"   | 40 | 21 | 43 |
| 25 / 15 | 1"     | 1/2"   | 40 | 27 | 43 |
| 25 / 20 | 1"     | 3/4"   | 40 | 33 | 43 |
| 32 / 20 | 1 1/4" | 3/4"   | 50 | 33 | 45 |
| 32 / 25 | 1 1/4" | 1"     | 50 | 42 | 45 |
| 40 / 25 | 1 1/2" | 1"     | 55 | 42 | 50 |
| 40 / 32 | 1 1/2" | 1 1/4" | 55 | 55 | 50 |
| 50 / 32 | 2"     | 1 1/2" | 70 | 55 | 57 |
| 50 / 40 | 2"     | 1 1/2" | 70 | 60 | 57 |

### RÉDUCTION M/M

réf. 8518



| DN      | F      | G      | H  | L  |
|---------|--------|--------|----|----|
| 8 / 5   | 1/4"   | 1/8"   | 14 | 27 |
| 12 / 8  | 3/8"   | 1/4"   | 19 | 30 |
| 15 / 8  | 1/2"   | 1/4"   | 23 | 32 |
| 15 / 12 | 1/2"   | 3/8"   | 23 | 33 |
| 20 / 8  | 3/4"   | 1/4"   | 27 | 37 |
| 20 / 12 | 3/4"   | 3/8"   | 27 | 38 |
| 20 / 15 | 3/4"   | 1/2"   | 27 | 39 |
| 25 / 8  | 1"     | 1/4"   | 36 | 41 |
| 25 / 12 | 1"     | 3/8"   | 36 | 42 |
| 25 / 15 | 1"     | 1/2"   | 36 | 43 |
| 25 / 20 | 1"     | 3/4"   | 36 | 47 |
| 32 / 20 | 1 1/4" | 3/4"   | 46 | 49 |
| 32 / 25 | 1 1/4" | 1"     | 46 | 52 |
| 40 / 25 | 1 1/2" | 1"     | 50 | 52 |
| 40 / 32 | 1 1/2" | 1 1/4" | 50 | 53 |
| 50 / 32 | 2"     | 1 1/2" | 60 | 57 |
| 50 / 40 | 2"     | 1 1/2" | 60 | 57 |

### ADAPTATEUR HEXA. MALE/CANNELÉ

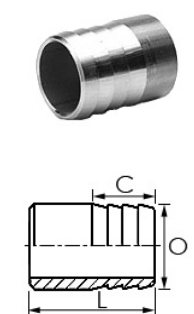
réf. 8520



| DN | G      | O  | C  | H  | L   |
|----|--------|----|----|----|-----|
| 5  | 1/8"   | 7  | 16 | 12 | 33  |
| 8  | 1/4"   | 9  | 20 | 14 | 40  |
| 12 | 3/8"   | 11 | 20 | 19 | 46  |
| 15 | 1/2"   | 15 | 24 | 22 | 51  |
| 20 | 3/4"   | 20 | 28 | 27 | 58  |
| 25 | 1"     | 27 | 28 | 36 | 65  |
| 32 | 1 1/4" | 34 | 36 | 46 | 72  |
| 40 | 1 1/2" | 40 | 40 | 50 | 84  |
| 50 | 2"     | 52 | 50 | 65 | 100 |

### ADAPTATEUR LISSE/CANNELÉ

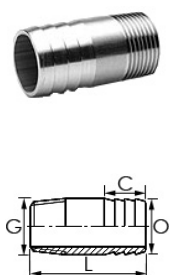
réf. 8522



| DN  | O     | C  | L   |
|-----|-------|----|-----|
| 5   | 10.2  | 16 | 30  |
| 8   | 13.5  | 16 | 30  |
| 12  | 17.2  | 20 | 35  |
| 15  | 21.3  | 20 | 40  |
| 20  | 26.9  | 20 | 40  |
| 25  | 33.7  | 28 | 45  |
| 32  | 42.4  | 32 | 55  |
| 40  | 48.3  | 32 | 55  |
| 50  | 60.3  | 36 | 60  |
| 65  | 76.1  | 50 | 80  |
| 80  | 88.9  | 60 | 100 |
| 100 | 114.3 | 66 | 120 |

### ADAPTATEUR CYLIN. MALE/CANNELÉ

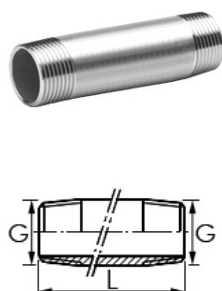
réf. 8521



| DN  | G      | O     | L  | S   |
|-----|--------|-------|----|-----|
| 8   | 1/4"   | 13.5  | 16 | 42  |
| 12  | 3/8"   | 17.2  | 20 | 47  |
| 15  | 1/2"   | 21.3  | 20 | 53  |
| 20  | 3/4"   | 26.9  | 20 | 57  |
| 25  | 1"     | 33.7  | 28 | 65  |
| 32  | 1 1/4" | 42.4  | 32 | 68  |
| 40  | 1 1/2" | 48.3  | 32 | 74  |
| 50  | 2"     | 60.3  | 36 | 82  |
| 65  | 2 1/2" | 76.1  | 50 | 104 |
| 80  | 3"     | 88.9  | 60 | 130 |
| 100 | 4"     | 114.3 | 68 | 154 |

### MAMELON CYLINDRIQUE M/M

réf. 8530



| DN  | G      | L   | L   | L   |
|-----|--------|-----|-----|-----|
| 5   | 1/8"   | 100 | 150 | 200 |
| 8   | 1/4"   | 100 | 150 | 200 |
| 12  | 3/8"   | 100 | 150 | 200 |
| 15  | 1/2"   | 100 | 150 | 200 |
| 20  | 3/4"   | 100 | 150 | 200 |
| 25  | 1"     | 100 | 150 | 200 |
| 32  | 1 1/4" | 100 | 150 | 200 |
| 40  | 1 1/2" | 100 | 150 | 200 |
| 50  | 2"     | 100 | 150 | 200 |
| 65  | 2 1/2" | 100 | 150 | 200 |
| 80  | 3"     | 100 | 150 | 200 |
| 100 | 4"     | 100 | 150 | 200 |

## RACCORDS UNION A JOINT CONIQUE PTFE

réf. 8529



Raccord union à joint conique PTFE  
LISSE/LISSE  
dimensions : cf. réf. 8509

réf. 8532



Raccord union à joint conique PTFE  
LISSE/FEMELLE  
dimensions : cf. réf. 8512

réf. 8533

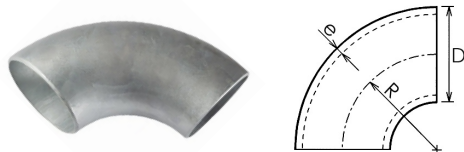


Raccord union à joint conique PTFE  
LISSE/MALE  
dimensions : cf. réf. 8513

## RACCORDS INOX À SOUDER : COUDES 90° ISO / MÉTRIQUES / GAZ

Standard : ✓ - Disponible sur demande : x

## ► MODÈLE « 3D »

COUDE 90° ISO modèle « 3D » (ISO 5251)  
316 L (autres sur demande)

| Ø D   | R     | 8550<br>roulé soudé |       |         |       | 8551<br>sans soudure |       |
|-------|-------|---------------------|-------|---------|-------|----------------------|-------|
|       |       | e = 1.6             | e = 2 | e = 2.9 | e = 4 | e = 1.6              | e = 2 |
| 13.5  | 20    | ✓                   |       |         |       | x                    |       |
| 17.2  | 25    | ✓                   |       |         |       | x                    |       |
| 21.3  | 28/38 | ✓                   | x     |         |       | x                    | x     |
| 26.9  | 29    | ✓                   | x     |         |       | x                    | x     |
| 33.7  | 38    | ✓                   | x     |         |       | x                    | x     |
| 42.4  | 48    | ✓                   | x     |         |       | x                    | x     |
| 48.3  | 57    | ✓                   | x     |         |       | x                    | x     |
| 60.3  | 76    |                     | ✓     | x       |       | x                    | x     |
| 76.1  | 95    |                     | ✓     | x       |       | x                    | x     |
| 88.9  | 114   |                     | ✓     | x       |       |                      | x     |
| 114.3 | 152   |                     | ✓     | x       |       |                      |       |
| 139.7 | 190   |                     | ✓     | x       |       |                      |       |
| 168.3 | 229   |                     | ✓     | x       |       |                      |       |
| 219.1 | 305   |                     | ✓     | x       | x     |                      |       |
| 273   | 381   |                     | x     | x       | x     |                      |       |
| 323.9 | 457   |                     | x     | x       | x     |                      |       |
| 406.4 | 609   |                     |       | x       | x     |                      |       |
| 457.2 | 686   |                     |       |         | x     |                      |       |
| 508   | 762   |                     |       |         | x     |                      |       |
| 610   | 914   |                     |       |         | x     |                      |       |

COUDE 90° MÉTRIQUES  
petits rayons - R = 1.5d (d : Ø int. réel)

| Ø D | R   | 8552<br>roulé soudé |       |       | 8553<br>sans soudure |       |
|-----|-----|---------------------|-------|-------|----------------------|-------|
|     |     | e = 1.5             | e = 2 | e = 3 | e = 1.5              | e = 2 |
| 23  | 30  | x                   |       |       | x                    |       |
| 25  | 37  | x                   | x     |       |                      | x     |
| 28  | 37  | x                   |       |       | x                    |       |
| 33  | 45  | x                   |       |       | x                    |       |
| 38  | 52  | x                   | x     |       | x                    | x     |
| 43  | 60  | x                   |       |       | x                    | x     |
| 53  | 75  | x                   |       |       | x                    | x     |
| 54  | 75  |                     | x     |       |                      | x     |
| 64  | 90  |                     | x     |       |                      | x     |
| 70  | 95  |                     | x     |       |                      |       |
| 74  | 95  |                     |       |       |                      |       |
| 84  | 120 |                     | x     |       |                      |       |
| 104 | 150 |                     | x     |       |                      |       |
| 129 | 188 |                     | x     |       |                      |       |
| 154 | 225 |                     | x     |       |                      |       |
| 156 | 225 |                     |       | x     |                      |       |
| 204 | 300 |                     | x     |       |                      |       |
| 206 | 300 |                     |       | x     |                      |       |

COUDE 90° GAZ  
soudés - chanfrein 37° - passivés

| Ø D   | e   | 8554 PR                  |    | 8554 GR                  |    |
|-------|-----|--------------------------|----|--------------------------|----|
|       |     | Petits rayons (SPD)<br>R | 3D | Grands rayons (SPD)<br>R | 5D |
| 13.5  | 2.3 | 20                       |    |                          |    |
| 17.2  | 2.3 | 25                       |    | 30                       |    |
| 21.3  | 2.6 | 28/38                    | x  | 45                       | x  |
| 26.9  | 2.6 | 29                       | x  | 57                       | x  |
| 33.7  | 3.2 | 38                       | x  | 72                       | x  |
| 42.4  | 3.2 | 48                       | x  | 93                       | x  |
| 48.3  | 3.2 | 57                       | x  | 108                      | x  |
| 60.3  | 3.6 | 76                       | x  | 135                      | x  |
| 76.1  | 3.6 | 95                       | x  | 175                      | x  |
| 88.9  | 4.0 | 114                      | x  | 205                      | x  |
| 101.6 | 4.0 | 133                      |    |                          |    |
| 114.3 | 4.5 | 152                      |    | 270                      |    |

## ► MODÈLE « 5D »

COUDE 90° ISO modèle « 5D » (ISO 5251)  
316 L (autres sur demande)

| Ø D   | R   | 8555<br>roulé soudé |       | 8556<br>Variante sans soudure, APD<br>long = 1.5D |       |
|-------|-----|---------------------|-------|---------------------------------------------------|-------|
|       |     | e = 1.6             | e = 2 | e = 1.6                                           | e = 2 |
| 13.5  |     | ✓                   |       |                                                   |       |
| 17.2  | 30  | ✓                   |       | x                                                 |       |
| 21.3  | 45  | ✓                   | x     | x                                                 | x     |
| 26.9  | 57  | ✓                   | x     | x                                                 | x     |
| 33.7  | 72  | x                   | ✓     | x                                                 | x     |
| 42.4  | 92  | x                   | ✓     | x                                                 | x     |
| 48.3  | 109 | x                   | ✓     | x                                                 | x     |
| 60.3  | 137 |                     | ✓     |                                                   | x     |
| 76.1  | 175 |                     | ✓     |                                                   | x *   |
| 88.9  | 207 |                     | ✓     |                                                   | x *   |
| 114.3 | 270 |                     | ✓     |                                                   | x *   |

\* sans partie droite

COUDE 90° MÉTRIQUES  
grands rayons R = 2d, 3d, 3D (d : Ø int. réel)

| Ø D  | R = 2d<br>ou<br>R = 3d | 8557<br>roulé soudé |       |       | 8558<br>sans soudure |       |
|------|------------------------|---------------------|-------|-------|----------------------|-------|
|      |                        | e = 1.5             | e = 2 | e = 3 | R = 3D e = 1.5       | e = 2 |
| 23   | 60                     | x                   |       |       |                      |       |
| 25   | 65                     | x                   |       |       |                      |       |
| 28   | 80                     | x                   |       |       |                      |       |
| 33   | 90                     | x                   |       |       |                      |       |
| 38   | 105                    | x                   |       |       |                      |       |
| 43   | 120                    | x                   |       |       |                      |       |
| 44.5 | 120                    |                     | x     |       |                      |       |
| 53   | 150                    | x                   |       |       |                      |       |
| 54   | 150                    |                     | x     |       |                      |       |
| 64   | 180                    |                     |       |       |                      |       |
| 70   | 130 **                 |                     | x     |       |                      |       |
| 74   | 140 **                 |                     |       |       |                      |       |
| 84   | 160 **                 |                     | x     |       |                      |       |
| 104  | 200 **                 |                     | x     | x     |                      |       |
| 154  | 300 **                 |                     | x     |       |                      |       |
| 156  | 300 **                 |                     |       | x     |                      |       |
| 204  | 400 **                 |                     | x     | x     |                      |       |
| 206  | 400 **                 |                     |       | x     |                      |       |

\*\* R = 2D

## COUDE 90° GAZ

sans soudure - chanfrein 37° - passivés

| Ø D   | e   | 8559 PR                  |    | 8559 GR                  |    |
|-------|-----|--------------------------|----|--------------------------|----|
|       |     | Petits rayons (SPD)<br>R | 3D | Grands rayons (SPD)<br>R | 5D |
| 13.5  | 2.3 | 20                       | x  |                          |    |
| 17.2  | 2.3 | 25                       | x  | 30                       | x  |
| 21.3  | 2.6 | 28/38                    | x  | 45                       | x  |
| 26.9  | 2.6 | 29                       | x  | 57                       | x  |
| 33.7  | 3.2 | 38                       | x  | 72                       | x  |
| 42.4  | 3.2 | 48                       | x  | 93                       | x  |
| 48.3  | 3.2 | 57                       | x  | 108                      | x  |
| 60.3  | 3.6 | 76                       | x  | 135                      | x  |
| 76.1  | 3.6 | 95                       | x  | 175                      | x  |
| 88.9  | 4.0 | 114                      | x  | 205                      | x  |
| 101.6 | 4.0 | 133                      | x  |                          |    |
| 114.3 | 4.5 | 152                      | x  | 270                      | x  |

## RACCORDS À SOUDER

Dimensions en mm

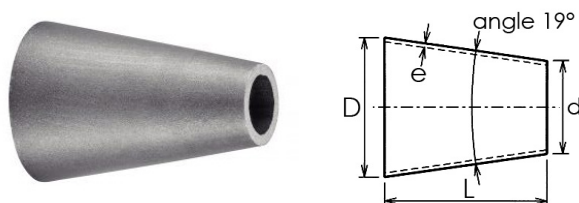
## RACCORDS INOX À SOUDER : REDUCTIONS ISO / MÉTRIQUES - TÉS ISO - FOND BOMBÉ EMBOUTI

## RÉDUCTIONS CONCENTRIQUES OU EXCENTRIQUES ISO / MÉTRIQUES

réf. 8580

Soudé ou sans soudure - Matière : inox 316 L (autres nuances sur demande) - Épaisseur : 2 mm (autres épaisseurs sur demande)

## ► RÉDUCTION CONCENTRIQUE



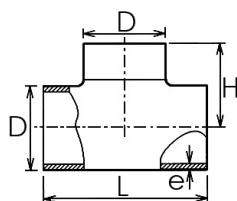
## ► RÉDUCTION EXCENTRIQUE



| D x d       | L   | D x d        | L   | D x d         | L   | D x d         | L   | D x d         | L   |
|-------------|-----|--------------|-----|---------------|-----|---------------|-----|---------------|-----|
| 17.2 x 13.5 | 11  | 60.3 x 26.9  | 100 | 114.3 x 76.1  | 115 | 254.0 x 104   | 450 | 355.6 x 273   | 248 |
| 21.3 x 13.7 | 23  | 60.3 x 33.7  | 80  | 114.3 x 88.9  | 76  | 254.0 x 129   | 375 | 355.6 x 323.9 | 95  |
| 21.3 x 17.2 | 12  | 60.3 x 42.4  | 54  | 129.0 x 84    | 135 | 254.0 x 154   | 300 | 406.4 x 219.1 | 562 |
| 26.9 x 13.7 | 40  | 60.3 x 48.3  | 36  | 129.0 x 104   | 75  | 254.0 x 204   | 150 | 406.4 x 273   | 400 |
| 26.9 x 17.2 | 29  | 64.0 x 34    | 90  | 139.7 x 60.3  | 238 | 273.0 x 114.3 | 476 | 406.4 x 323.9 | 248 |
| 26.9 x 21.3 | 17  | 64.0 x 44.5  | 60  | 139.7 x 76.1  | 191 | 273.0 x 139.7 | 400 | 406.4 x 355.6 | 152 |
| 33.7 x 13.5 | 60  | 64.0 x 54    | 30  | 139.7 x 88.9  | 152 | 273.0 x 168.3 | 314 | 457.2 x 219.1 | 714 |
| 33.7 x 17.2 | 49  | 76.1 x 33.7  | 127 | 139.7 x 114.3 | 76  | 273.0 x 219.1 | 161 | 457.2 x 273   | 553 |
| 33.7 x 21.3 | 37  | 76.1 x 42.4  | 101 | 154.0 x 84    | 210 | 304.0 x 104   | 600 | 457.2 x 323.9 | 400 |
| 33.7 x 26.9 | 20  | 76.1 x 48.3  | 83  | 154.0 x 104   | 150 | 304.0 x 129   | 525 | 457.2 x 355.6 | 305 |
| 42.4 x 13.5 | -   | 76.1 x 60.3  | 47  | 154.0 x 129   | 75  | 304.0 x 154   | 450 | 457.2 x 406.4 | 152 |
| 42.4 x 17.2 | 75  | 84.0 x 44.5  | 120 | 168.3 x 60.3  | 324 | 304.0 x 204   | 300 | 508.0 x 273   | 705 |
| 42.4 x 21.3 | 63  | 84.0 x 54    | 90  | 168.3 x 76.1  | 276 | 304.0 x 254   | 150 | 508.0 x 323.9 | 552 |
| 42.4 x 26.9 | 46  | 88.9 x 33.7  | 166 | 168.3 x 88.9  | 238 | 323.9 x 114.3 | 629 | 508.0 x 355.6 | 457 |
| 42.4 x 33.7 | 26  | 88.9 x 42.4  | 139 | 168.3 x 114.3 | 162 | 323.9 x 139.7 | 553 | 508.0 x 406.4 | 305 |
| 48.3 x 21.3 | 81  | 88.9 x 48.3  | 122 | 168.3 x 139.7 | 86  | 323.9 x 168.3 | 467 | 508.0 x 457.2 | 152 |
| 48.3 x 26.9 | 90  | 88.9 x 60.3  | 86  | 204.0 x 84    | 360 | 323.9 x 219.1 | 312 | 609.6 x 323.9 | 857 |
| 48.3 x 33.7 | 64  | 88.9 x 76.1  | 38  | 204.0 x 104   | 300 | 323.9 x 273   | 152 | 609.6 x 355.6 | 762 |
| 48.3 x 42.4 | 75  | 104.0 x 54   | 150 | 204.0 x 129   | 225 | 354.0 x 154   | 600 | 609.6 x 406.4 | 610 |
| 54.0 x 24   | 44  | 104.0 x 84   | 60  | 204.0 x 154   | 150 | 354.0 x 204   | 450 | 609.6 x 457.2 | 457 |
| 54.0 x 29   | 60  | 114.3 x 26.9 | 262 | 219.1 x 88.9  | 391 | 354.0 x 254   | 300 | 609.6 x 508   | 305 |
| 54.0 x 34   | 18  | 114.3 x 33.7 | 242 | 219.1 x 114.3 | 315 | 354.0 x 304   | 150 |               |     |
| 54.0 x 44.5 | 30  | 114.3 x 48.3 | 198 | 219.1 x 139.7 | 238 | 355.6 x 168.3 | 562 |               |     |
| 60.3 x 21.3 | 117 | 114.3 x 60.3 | 162 | 219.1 x 168.3 | 152 | 355.6 x 219.1 | 410 |               |     |

## TÉS ISO

réf. 8560 à 8562



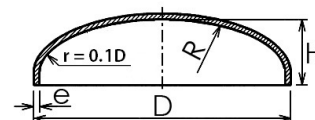
| D x e       | L   | H - 8560<br>avec manchette | H - 8561<br>sans manchette | H - 8562<br>avec collerette * |
|-------------|-----|----------------------------|----------------------------|-------------------------------|
| 21.3 x 1.6  | 51  | 25.5                       | 12                         | 18                            |
| 26.9 x 1.6  | 57  | 28.5                       | 15                         | 22                            |
| 33.7 x 2    | 76  | 38                         | 19                         | 26                            |
| 42.4 x 2    | 95  | 47.5                       | 23                         | 33                            |
| 48.3 x 2    | 114 | 57                         | 26                         | 37                            |
| 60.3 x 2    | 127 | 63.5                       | 33                         | 44                            |
| 76.1 x 2    | 152 | 76                         | 41                         | 53                            |
| 88.9 x 2    | 171 | 83.5                       | 47                         | 60                            |
| 88.9 x 2.9  | 171 | 83.5                       | 47                         | 60                            |
| 114.3 x 2   | 210 | 105                        | 61                         | 77                            |
| 114.3 x 2.9 | 210 | 105                        | 61                         | 67                            |
| 139.7 x 2   | 248 | 124                        | 74                         | 81                            |
| 139.7 x 2.9 | 248 | 124                        | 74                         | 81                            |
| 168.3 x 2   | 286 | 143                        | 89                         | 96                            |
| 168.3 x 2.9 | 286 | 143                        | 89                         | 96                            |
| 219.1 x 2   | 356 | 178                        | 116                        | 120                           |
| 219.1 x 2.9 | 356 | 178                        | 116                        | 120                           |
| 273.0 x 2.9 | 432 | 216                        | 148                        | 148                           |

\* manchette courte

## FOND EMBOUTI

Pour tube mince et épais

réf. 8570

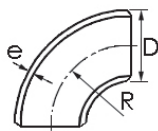


| DN  | D     | e   | H    | R   | r  |
|-----|-------|-----|------|-----|----|
| 10  | 17.2  | 2   | 10   | 17  | 2  |
| 15  | 21.3  | 2   | 11   | 14  | 3  |
| 20  | 26.9  | 2   | 13.5 | 19  | 5  |
| 25  | 33.7  | 2   | 16   | 24  | 5  |
| 32  | 42.4  | 2   | 17   | 35  | 6  |
| 40  | 48.3  | 2   | 20   | 36  | 7  |
| 50  | 60.3  | 2   | 24   | 46  | 9  |
| 65  | 76.1  | 2   | 30   | 55  | 11 |
| 80  | 88.9  | 2   | 33   | 69  | 13 |
| 100 | 114.3 | 2   | 41   | 90  | 17 |
| 125 | 139.7 | 2   | 46   | 115 | 22 |
| 150 | 168.3 | 2   | 53   | 135 | 26 |
| 200 | 219.1 | 2   | 66   | 178 | 34 |
| 250 | 273.0 | 2   | 82   | 223 | 43 |
| 300 | 323.9 | 2.9 | 95   | 267 | 51 |
| 350 | 355.6 | 2.9 | 106  | -   | -  |
| 400 | 406.4 | 2.9 | 110  | -   | -  |
| 500 | 406.4 | 2.9 | 125  | -   | -  |
| 600 | 508   | 2.9 | -    | -   | -  |



## RACCORDS INOX À SOUDER - ASME B 16.5

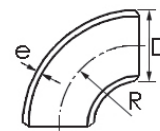
## COUDE 90° sans soudure - long rayon (LR)



réf. 8850

| DN    | Ø D   | R   | e       |          |          |          |           |       |
|-------|-------|-----|---------|----------|----------|----------|-----------|-------|
|       |       |     | sch. 5S | sch. 10S | sch. 40S | sch. 80S | sch. 160S | XXS   |
| 1/4"  | 13.7  | 20  | -       | 1.65     | 2.24     | 3.02     | -         | -     |
| 3/8"  | 17.2  | 25  | -       | 1.65     | 2.31     | 3.20     | -         | -     |
| 1/2"  | 21.3  | 38  | 1.65    | 2.11     | 2.77     | 3.73     | 4.78      | 7.47  |
| 3/4"  | 26.7  | 28  | 1.65    | 2.11     | 2.88     | 3.91     | 5.56      | 8.82  |
| 1"    | 33.4  | 38  | 1.65    | 2.77     | 3.38     | 4.55     | 6.35      | 9.09  |
| 1 1/4 | 42.2  | 47  | 1.65    | 2.77     | 3.56     | 4.85     | 6.35      | 9.70  |
| 1 1/2 | 48.3  | 57  | 1.65    | 2.77     | 3.68     | 5.08     | 7.14      | 10.15 |
| 2"    | 60.3  | 76  | 1.65    | 2.77     | 3.91     | 5.54     | 8.74      | 11.07 |
| 2 1/2 | 73.0  | 95  | 2.11    | 3.05     | 5.16     | 7.01     | 9.53      | 14.02 |
| 3"    | 88.9  | 114 | 2.11    | 3.05     | 5.49     | 7.62     | 11.13     | 15.24 |
| 3 1/2 | 101.6 | 133 | 2.11    | 3.05     | 5.74     | 8.08     | -         | -     |
| 4"    | 114.3 | 152 | 2.11    | 3.05     | 6.02     | 8.56     | 13.49     | 17.12 |
| 5"    | 141.3 | 190 | 2.77    | 3.40     | 6.55     | 9.52     | 15.88     | 19.05 |
| 6"    | 168.3 | 228 | 2.77    | 3.40     | 7.11     | 10.97    | 18.26     | 21.95 |
| 8"    | 219.1 | 305 | 2.77    | 3.76     | 8.18     | 12.70    | 23.01     | 22.23 |
| 10"   | 273.1 | 380 | 3.40    | 4.19     | 9.27     | 12.70    | 28.58     | 25.40 |

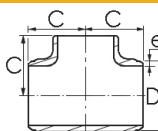
## COUDE 90° roulé soudé - long rayon (LR)



réf. 8851

| DN     | Ø D   | R   | e       |          |          |
|--------|-------|-----|---------|----------|----------|
|        |       |     | sch. 5S | sch. 10S | sch. 40S |
| 1/4"   | 13.7  | 20  | -       | 1.65     | -        |
| 3/8"   | 17.2  | 25  | -       | 1.65     | -        |
| 1/2"   | 21.3  | 38  | 1.65    | 2.11     | 2.77     |
| 3/4"   | 26.7  | 28  | 1.65    | 2.11     | 2.88     |
| 1"     | 33.4  | 38  | 1.65    | 2.77     | 3.38     |
| 1 1/4" | 42.2  | 47  | 1.65    | 2.77     | 3.56     |
| 1 1/2" | 48.3  | 57  | 1.65    | 2.77     | 3.68     |
| 2"     | 60.3  | 76  | 1.65    | 2.77     | 3.91     |
| 2 1/2" | 73.0  | 95  | 2.11    | 3.05     | 5.16     |
| 3"     | 88.9  | 114 | 2.11    | 3.05     | 5.49     |
| 3 1/2" | 101.6 | 133 | 2.11    | 3.05     | 5.74     |
| 4"     | 114.3 | 152 | 2.11    | 3.05     | 6.02     |
| 5"     | 141.3 | 190 | 2.77    | 3.40     | 6.55     |
| 6"     | 168.3 | 228 | 2.77    | 3.40     | 7.11     |
| 8"     | 219.1 | 305 | 2.77    | 3.76     | 8.18     |
| 10"    | 273.1 | 380 | 3.40    | 4.19     | 9.27     |
| 12"    | 323.9 | 457 | 3.96    | 4.57     | 9.53     |
| 14"    | 355.6 | 533 | 3.96    | 4.77     | 9.53     |
| 16"    | 406.4 | 610 | 4.19    | 4.77     | 9.53     |
| 18"    | 457.2 | 686 | 4.19    | 4.77     | 9.53     |
| 20"    | 508.0 | 762 | 4.78    | 5.54     | 9.53     |
| 24"    | 610.0 | 914 | 5.54    | 6.35     | 9.53     |

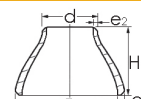
## TÉ ANSI



réf. 8860

| DN     | Ø D   | C   | e        |          |
|--------|-------|-----|----------|----------|
|        |       |     | sch. 10S | sch. 40S |
| 1/2"   | 21.3  | 25  | 2.11     | 2.77     |
| 3/4"   | 26.7  | 29  | 2.11     | 2.88     |
| 1"     | 33.4  | 38  | 2.77     | 3.38     |
| 1 1/4" | 42.2  | 48  | 2.77     | 3.56     |
| 1 1/2" | 48.3  | 57  | 2.77     | 3.68     |
| 2"     | 60.3  | 64  | 2.77     | 3.91     |
| 2 1/2" | 73.0  | 76  | 3.05     | 5.16     |
| 3"     | 88.9  | 86  | 3.05     | 5.49     |
| 4"     | 114.3 | 105 | 3.05     | 6.02     |
| 5"     | 141.3 | 124 | 3.40     | 6.55     |
| 6"     | 168.3 | 143 | 3.40     | 7.11     |
| 8"     | 219.1 | 178 | 3.76     | 8.18     |
| 10"    | 273.1 | 216 | 4.19     | 9.27     |
| 12"    | 323.9 | 254 | 4.57     | 9.53     |
| 14"    | 355.6 | 279 | 4.78     | 9.53     |

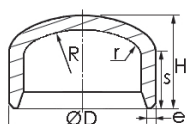
## RÉDUCTIONS ANSI concentriques &amp; excentriques



réf. 8880

| DN    |       |       |       |       | sch. 10S |      | sch. 40S |      |
|-------|-------|-------|-------|-------|----------|------|----------|------|
| D     | d     | D     | d     | H     | e1       | e2   | e1       | e2   |
| 3/4"  | 1/2"  | 26.67 | 21.34 | 38.1  | 2.11     | 2.11 | 2.87     | 2.77 |
| 1"    | 1/2"  | 33.40 | 21.34 | 50.8  | 2.77     | 2.11 | 3.38     | 2.77 |
| 1"    | 3/4"  | 33.40 | 26.67 | 50.8  | 2.77     | 2.11 | 3.38     | 2.87 |
| 1 1/4 | 1/2"  | 42.16 | 21.34 | 50.8  | 2.77     | 2.11 | 3.56     | 2.77 |
| 1 1/4 | 3/4"  | 42.16 | 26.67 | 50.8  | 2.77     | 2.11 | 3.56     | 2.87 |
| 1 1/4 | 1"    | 42.16 | 33.40 | 50.8  | 2.77     | 2.77 | 3.56     | 3.38 |
| 1 1/2 | 1/2"  | 48.26 | 21.34 | 63.5  | 2.77     | 2.11 | 3.68     | 2.77 |
| 1 1/2 | 3/4"  | 48.26 | 26.67 | 63.5  | 2.77     | 2.11 | 3.68     | 2.87 |
| 1 1/2 | 1"    | 48.26 | 33.40 | 63.5  | 2.77     | 2.77 | 3.68     | 3.38 |
| 1 1/2 | 1 1/4 | 48.26 | 42.16 | 63.5  | 2.77     | 2.77 | 3.68     | 3.56 |
| 2"    | 3/4"  | 60.32 | 26.67 | 76.2  | 2.77     | 2.11 | 3.91     | 2.87 |
| 2"    | 1"    | 60.32 | 33.40 | 76.2  | 2.77     | 2.77 | 3.91     | 3.38 |
| 2"    | 1 1/4 | 60.32 | 42.16 | 76.2  | 2.77     | 2.77 | 3.91     | 3.56 |
| 2"    | 1 1/2 | 60.32 | 48.26 | 76.2  | 2.77     | 2.77 | 3.91     | 3.68 |
| 2 1/2 | 1"    | 73.02 | 33.40 | 88.9  | 3.05     | 2.77 | 5.16     | 3.38 |
| 2 1/2 | 1 1/4 | 73.02 | 42.16 | 88.9  | 3.05     | 2.77 | 5.16     | 3.56 |
| 2 1/2 | 1 1/2 | 73.02 | 48.26 | 88.9  | 3.05     | 2.77 | 5.16     | 3.68 |
| 2 1/2 | 2"    | 73.02 | 60.32 | 88.9  | 3.05     | 2.77 | 5.16     | 3.91 |
| 3"    | 1"    | 88.9  | 33.40 | 88.9  | 3.05     | 2.77 | 5.49     | 3.38 |
| 3"    | 1 1/4 | 88.9  | 42.16 | 88.9  | 3.05     | 2.77 | 5.49     | 3.56 |
| 3"    | 1 1/2 | 88.9  | 48.26 | 88.9  | 3.05     | 2.77 | 5.49     | 3.68 |
| 3"    | 2"    | 88.9  | 60.32 | 88.9  | 3.05     | 2.77 | 5.49     | 3.91 |
| 3"    | 2 1/2 | 88.9  | 73.02 | 88.9  | 3.05     | 3.05 | 5.49     | 5.16 |
| 4"    | 1 1/2 | 114.3 | 48.26 | 101.6 | 3.05     | 2.77 | 6.02     | 3.68 |
| 4"    | 2"    | 114.3 | 60.32 | 101.6 | 3.05     | 2.77 | 6.02     | 3.91 |
| 4"    | 2 1/2 | 114.3 | 73.02 | 101.6 | 3.05     | 3.05 | 6.02     | 5.16 |
| 4"    | 3"    | 114.3 | 88.90 | 101.6 | 3.05     | 3.05 | 6.02     | 5.49 |
| 5"    | 2"    | 141.3 | 60.32 | 127   | 3.40     | 2.77 | 6.55     | 3.91 |
| 5"    | 2 1/2 | 141.3 | 73.02 | 127   | 3.40     | 3.05 | 6.55     | 5.16 |
| 5"    | 3"    | 141.3 | 88.90 | 127   | 3.40     | 3.05 | 6.55     | 5.49 |
| 5"    | 4"    | 141.3 | 114.3 | 127   | 3.40     | 3.05 | 6.55     | 6.02 |
| 6"    | 2 1/2 | 168.3 | 73.02 | 139.7 | 3.40     | 3.05 | 7.11     | 5.16 |
| 6"    | 3"    | 168.3 | 88.90 | 139.7 | 3.40     | 3.05 | 7.11     | 5.49 |
| 6"    | 4"    | 168.3 | 114.3 | 139.7 | 3.40     | 3.05 | 7.11     | 6.02 |
| 6"    | 5"    | 168.3 | 141.3 | 139.7 | 3.40     | 3.40 | 7.11     | 6.55 |
| 8"    | 6"    | 219.1 | 168.3 | 152.4 | 3.76     | 3.40 | 8.18     | 7.11 |
| 10"   | 8"    | 273.1 | 219.1 | 177.8 | 4.19     | 3.76 | 9.27     | 8.18 |
| 12"   | 10"   | 323.9 | 273.1 | 203.2 | 4.57     | 4.19 | 9.53     | 9.27 |

## FOND ANSI



réf. 8870

| DN     | Ø D   | H   | R     | r    | s     | e       |          |          |          |
|--------|-------|-----|-------|------|-------|---------|----------|----------|----------|
|        |       |     |       |      |       | sch. 5S | sch. 10S | sch. 40S | sch. 80S |
| 1 1/4" | 42.2  | 38  | 34.3  | 5.8  | 25.9  | 1.65    | 2.77     | 3.56     | 4.85     |
| 1 1/2" | 48.3  | 38  | 35.8  | 6.9  | 24.1  | 1.65    | 2.77     | 3.68     | 5.08     |
| 2"     | 60.3  | 38  | 46.0  | 8.6  | 21.1  | 1.65    | 2.77     | 3.91     | 5.54     |
| 2 1/2" | 73.0  | 38  | 54.6  | 10.4 | 17.3  | 2.11    | 3.05     | 5.16     | 7.01     |
| 3"     | 88.9  | 51  | 68.3  | 13.0 | 25.9  | 2.11    | 3.05     | 5.49     | 7.62     |
| 3 1/2" | 101.6 | 64  | 79.0  | 15.0 | 35.3  | 2.11    | 3.05     | 5.74     | 8.08     |
| 4"     | 114.3 | 64  | 89.4  | 17.0 | 32.0  | 2.11    | 3.05     | 6.02     | 8.56     |
| 5"     | 141.3 | 76  | 112.3 | 21.3 | 37.6  | 2.77    | 3.40     | 6.55     | 9.53     |
| 6"     | 168.3 | 89  | 134.9 | 25.7 | 43.2  | 2.77    | 3.40     | 7.11     | 10.97    |
| 8"     | 219.1 | 102 | 177.3 | 33.8 | 42.7  | 2.77    | 3.76     | 8.18     | 12.7     |
| 10"    | 273.1 | 127 | 222.7 | 42.4 | 54.1  | 3.40    | 4.19     | 9.27     | 12.7     |
| 12"    | 323.9 | 152 | 266.7 | 50.8 | 66.5  | 3.96    | 4.57     | 9.53     | 12.7     |
| 14"    | 355.6 | 165 | 294.6 | 56.1 | 71.4  | 3.96    | 4.78     | 9.53     | 12.7     |
| 16"    | 406.4 | 178 | 338.8 | 64.5 | 71.4  | 4.19    | 4.78     | 9.53     | 12.7     |
| 18"    | 457.2 | 203 | 383.0 | 73.2 | 84.1  | 4.19    | 4.78     | 9.53     | 12.7     |
| 20"    | 508.0 | 229 | 427.7 | 81.5 | 96.8  | 4.77    | 5.54     | 9.53     | 12.7     |
| 24"    | 610.0 | 267 | 516.6 | 98.6 | 109.5 | 5.54    | 6.35     | 9.53     | 12.7     |



# RACCORDS À EXTRÉMITÉS FILETÉES

Dimensions en mm

## RACCORDS ACIER À EXTRÉMITÉS FILETÉES PAS DU GAZ - SÉRIE 100 BAR

Matériau : acier

Finition : noir [sur demande galvanisation à chaud ou galvanisation électrolytique]

Dimensions : 8/13 à 50/60

Variante : série 250 bar



COUDE 45°

réf. 7041



COUDE 90°

réf. 7090



COUDE 90° M/F

réf. 7092



TÉ ÉGAL

réf. 7130



CROIX

réf. 7180



RÉDUCTION F/F

réf. 7240



RÉDUCTION HEX. M/F

réf. 7241



RÉDUCTION HEX. M/M

réf. 7245



RÉDUCTION F/M

réf. 7246



MANCHON F/F

réf. 7270



MAMELON HEX. M/M

réf. 7280



BOUCHON À TÊTE HEX. MÂLE

réf. 7290



BOUCHON FEMELLE

réf. 7300



RACCORD UNION F/F

réf. 7340



RACCORD UNION M/F

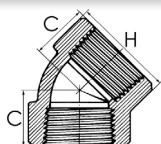
réf. 7341

## RACCORDS ACIER À EXTRÉMITÉS FILETÉES NPT - SÉRIE 3000 LBS (210 BAR)



## COUDE 45°

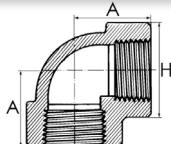
réf. 8041 NPT



| DN     | C  | H  |
|--------|----|----|
| 1/4"   | 19 | 25 |
| 3/8"   | 22 | 33 |
| 1/2"   | 25 | 38 |
| 3/4"   | 29 | 46 |
| 1"     | 33 | 56 |
| 1 1/4" | 35 | 62 |
| 1 1/2" | 43 | 75 |
| 2"     | 45 | 84 |

## COUDE 90°

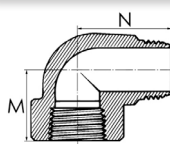
réf. 8090 NPT



| DN     | A  | H  |
|--------|----|----|
| 1/4"   | 25 | 25 |
| 3/8"   | 29 | 33 |
| 1/2"   | 33 | 38 |
| 3/4"   | 38 | 46 |
| 1"     | 44 | 56 |
| 1 1/4" | 51 | 62 |
| 1 1/2" | 60 | 75 |
| 2"     | 64 | 84 |

## COUDE M/F

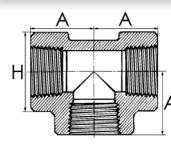
réf. 8092 NPT



| DN     | M    | N    |
|--------|------|------|
| 1/4"   | 24.6 | 32   |
| 3/8"   | 30   | 39   |
| 1/2"   | 33.5 | 44   |
| 3/4"   | 38   | 49   |
| 1"     | 46.5 | 59   |
| 1 1/4" | 53   | 65   |
| 1 1/2" | 62   | 75   |
| 2"     | 68   | 82.5 |

## TÉ EGAL

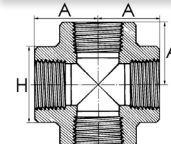
réf. 8130 NPT



| DN     | A  | H  |
|--------|----|----|
| 1/4"   | 25 | 25 |
| 3/8"   | 29 | 33 |
| 1/2"   | 33 | 38 |
| 3/4"   | 38 | 46 |
| 1"     | 44 | 56 |
| 1 1/4" | 51 | 62 |
| 1 1/2" | 60 | 75 |
| 2"     | 64 | 84 |

## CROIX

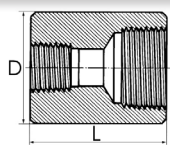
réf. 8180 NPT



| DN     | A  | H  |
|--------|----|----|
| 1/4"   | 25 | 25 |
| 3/8"   | 29 | 33 |
| 1/2"   | 33 | 38 |
| 3/4"   | 38 | 46 |
| 1"     | 44 | 56 |
| 1 1/4" | 51 | 62 |
| 1 1/2" | 60 | 75 |
| 2"     | 64 | 84 |

## RÉDUCTION F/F

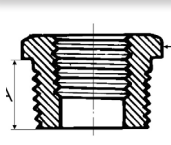
réf. 8240 NPT



| DN            | D   | L   |
|---------------|-----|-----|
| 3/8" x 1/4"   | 22  | 38  |
| 1/2" x 3/8"   | 28  | 48  |
| 1/2" x 1/4"   | 28  | 48  |
| 3/4" x 1/4"   | 35  | 51  |
| 3/4" x 1/2"   | 35  | 51  |
| 1" x 3/4"     | 44  | 60  |
| 1" x 1/2"     | 44  | 60  |
| 1" x 1/4"     | 44  | 60  |
| 1 1/4" x 1"   | 57  | 67  |
| 1 1/2" x 1"   | 64  | 79  |
| 1 1/2" x 3/4" | 64  | 79  |
| 1 1/2" x 1/2" | 64  | 79  |
| 2" x 1/2"     | 76  | 86  |
| 2" x 1"       | 76  | 86  |
| 2 1/2" x 2"   | 91  | 92  |
| 3" x 2"       | 108 | 108 |
| 4" x 2"       | 140 | 121 |

## RÉDUCTION HEX. M/F

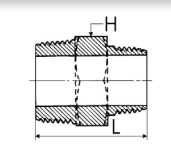
réf. 8241 NPT



| DN            | F     | A    |
|---------------|-------|------|
| 3/8" x 1/4"   | 17.5  | 12.5 |
| 1/2" x 3/8"   | 22    | 14.5 |
| 1/2" x 1/4"   | 22    | 14.5 |
| 3/4" x 1/4"   | 27    | 16   |
| 3/4" x 1/2"   | 27    | 16   |
| 1" x 3/4"     | 35    | 19   |
| 1" x 1/2"     | 35    | 19   |
| 1" x 1/4"     | 35    | 19   |
| 1 1/4" x 1"   | 44.5  | 20.5 |
| 1 1/2" x 1"   | 51    | 20.5 |
| 1 1/2" x 3/4" | 51    | 20.5 |
| 1 1/2" x 1/2" | 51    | 20.5 |
| 2" x 1/2"     | 63.5  | 22   |
| 2" x 1"       | 63.5  | 22   |
| 2 1/2" x 2"   | 76    | 27   |
| 3" x 2"       | 89    | 28.5 |
| 4" x 2"       | 117.5 | 32   |

## RÉDUCTION HEX. M/M

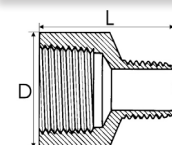
réf. 8245 NPT



| DN            | H  | L  |
|---------------|----|----|
| 1/4" x 1/8"   | 15 | 31 |
| 3/8" x 1/4"   | 18 | 39 |
| 1/2" x 1/4"   | 22 | 43 |
| 1/2" x 3/8"   | 22 | 44 |
| 3/4" x 3/8"   | 27 | 46 |
| 3/4" x 1/2"   | 27 | 50 |
| 1" x 1/2"     | 35 | 55 |
| 1" x 3/4"     | 35 | 56 |
| 1 1/2" x 1/2" | 50 | 62 |
| 1 1/2" x 3/4" | 50 | 63 |
| 1 1/2" x 1"   | 50 | 67 |
| 2" x 1/2"     | 62 | 65 |
| 2" x 3/4"     | 62 | 65 |
| 2" x 1"       | 62 | 70 |
| 2" x 1 1/2"   | 62 | 70 |

## RÉDUCTION F/M

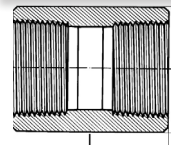
réf. 8246 NPT



| DN            | D   | L   |
|---------------|-----|-----|
| 3/8" x 1/4"   | 22  | 42  |
| 1/2" x 3/8"   | 28  | 49  |
| 1/2" x 1/4"   | 28  | 49  |
| 3/4" x 1/2"   | 35  | 59  |
| 1" x 1/4"     | 45  | 60  |
| 1" x 1/2"     | 45  | 61  |
| 1" x 3/4"     | 45  | 63  |
| 1 1/4" x 1"   | 60  | 68  |
| 1 1/2" x 1/2" | 65  | 67  |
| 1 1/2" x 3/4" | 65  | 67  |
| 1 1/2" x 1"   | 65  | 72  |
| 2" x 1/2"     | 76  | 70  |
| 2" x 1"       | 76  | 75  |
| 2 1/2" x 2"   | 95  | 92  |
| 3" x 2"       | 110 | 95  |
| 4" x 2"       | 140 | 100 |
| 4" x 3"       | 140 | 113 |

## MANCHON F/F

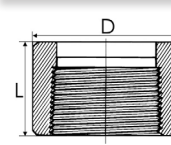
réf. 8270 NPT



| DN     | D  | L  |
|--------|----|----|
| 1/4"   | 19 | 35 |
| 3/8"   | 22 | 38 |
| 1/2"   | 29 | 48 |
| 3/4"   | 35 | 51 |
| 1"     | 44 | 60 |
| 1 1/4" | 57 | 67 |
| 1 1/2" | 64 | 79 |
| 2"     | 76 | 86 |

## DEMI-MANCHON F

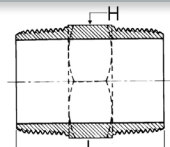
réf. 8271 NPT



| DN     | D  | L    |
|--------|----|------|
| 1/4"   | 19 | 17.5 |
| 3/8"   | 22 | 19   |
| 1/2"   | 29 | 24   |
| 3/4"   | 35 | 25.5 |
| 1"     | 44 | 30   |
| 1 1/4" | 57 | 33.5 |
| 1 1/2" | 64 | 39.5 |
| 2"     | 76 | 43   |

## MAMELON HEX. M/M

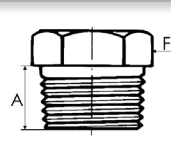
réf. 8280 NPT



| DN     | H  | L  |
|--------|----|----|
| 1/4"   | 15 | 36 |
| 3/8"   | 18 | 40 |
| 1/2"   | 22 | 48 |
| 3/4"   | 27 | 52 |
| 1"     | 35 | 60 |
| 1 1/4" | 46 | 64 |
| 1 1/2" | 50 | 68 |
| 2"     | 62 | 71 |

## BOUCHON TÊTE HEX. M

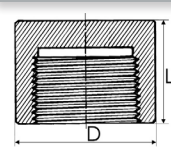
réf. 8290 NPT



| DN     | A    | F    |
|--------|------|------|
| 1/4"   | 11   | 16   |
| 3/8"   | 12.5 | 17.5 |
| 1/2"   | 14.5 | 22   |
| 3/4"   | 16   | 27   |
| 1"     | 19   | 35   |
| 1 1/4" | 20.5 | 44.5 |
| 1 1/2" | 20.5 | 51   |
| 2"     | 22   | 63.5 |

## BOUCHON F

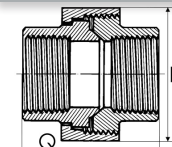
réf. 8300 NPT



| DN     | D  | L  |
|--------|----|----|
| 1/4"   | 19 | 25 |
| 3/8"   | 22 | 25 |
| 1/2"   | 29 | 32 |
| 3/4"   | 35 | 37 |
| 1"     | 44 | 41 |
| 1 1/4" | 57 | 44 |
| 1 1/2" | 64 | 44 |
| 2"     | 76 | 48 |

## RACCORD UNION F/F

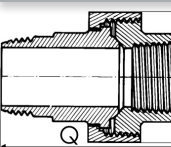
réf. 8340 NPT



| DN     | Q    | R   |
|--------|------|-----|
| 1/4"   | 42.5 | 36  |
| 3/8"   | 47.5 | 41  |
| 1/2"   | 52   | 46  |
| 3/4"   | 57   | 56  |
| 1"     | 63   | 65  |
| 1 1/4" | 68   | 80  |
| 1 1/2" | 78   | 88  |
| 2"     | 91   | 105 |

## RACCORD UNION M/F

réf. 8341 NPT



| DN     | Q   | R   |
|--------|-----|-----|
| 1/4"   | 61  | 32  |
| 3/8"   | 69  | 38  |
| 1/2"   | 75  | 46  |
| 3/4"   | 80  | 56  |
| 1"     | 90  | 65  |
| 1 1/4" | 98  | 80  |
| 1 1/2" | 100 | 88  |
| 2"     | 120 | 105 |

## SUR DEMANDE

- Coude union M/F
- Coude union F/F
- Raccord union M/M

## RACCORDS À EXTRÉMITÉS FILETÉES

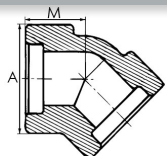
Dimensions en mm

## RACCORDS ACIER À EXTRÉMITÉS À SOUDER SW - SÉRIE 3000 LBS (210 BAR)



## COUDE 45° F/F

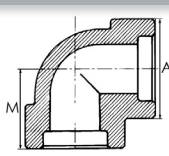
réf. 8041 SW



| DN     | A  | M  |
|--------|----|----|
| 1/4"   | 22 | 19 |
| 3/8"   | 25 | 19 |
| 1/2"   | 31 | 23 |
| 3/4"   | 36 | 27 |
| 1"     | 45 | 28 |
| 1 1/4" | 55 | 31 |
| 1 1/2" | 60 | 35 |
| 2"     | 75 | 42 |

## COUDE 90° F/F

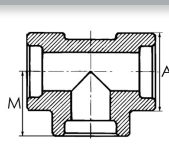
réf. 8090 SW



| DN     | A  | M  |
|--------|----|----|
| 1/4"   | 22 | 22 |
| 3/8"   | 25 | 25 |
| 1/2"   | 31 | 27 |
| 3/4"   | 36 | 34 |
| 1"     | 45 | 36 |
| 1 1/4" | 55 | 41 |
| 1 1/2" | 60 | 46 |
| 2"     | 75 | 56 |

## TÉ EGAL

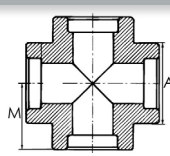
réf. 8130 SW



| DN     | A  | M  |
|--------|----|----|
| 1/4"   | 22 | 22 |
| 3/8"   | 25 | 25 |
| 1/2"   | 31 | 27 |
| 3/4"   | 36 | 34 |
| 1"     | 45 | 36 |
| 1 1/4" | 55 | 41 |
| 1 1/2" | 60 | 46 |
| 2"     | 75 | 56 |

## CROIX

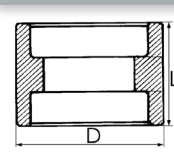
réf. 8180 SW



| DN     | A  | M  |
|--------|----|----|
| 1/4"   | 22 | 22 |
| 3/8"   | 25 | 25 |
| 1/2"   | 31 | 27 |
| 3/4"   | 36 | 34 |
| 1"     | 45 | 36 |
| 1 1/4" | 55 | 41 |
| 1 1/2" | 60 | 46 |
| 2"     | 75 | 56 |

## MANCHON F/F

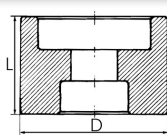
réf. 8270 SW



| DN     | D  | L  |
|--------|----|----|
| 1/4"   | 22 | 26 |
| 3/8"   | 25 | 26 |
| 1/2"   | 31 | 29 |
| 3/4"   | 36 | 34 |
| 1"     | 45 | 37 |
| 1 1/4" | 55 | 38 |
| 1 1/2" | 60 | 38 |
| 2"     | 75 | 51 |

## RÉDUCTION F/F

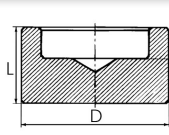
réf. 8240 SW



| DN              | D  | L  |
|-----------------|----|----|
| 1/4" x 1/8"     | -  | -  |
| 3/8" x 1/4"     | 25 | 25 |
| 1/2" x 1/4"     | 31 | 29 |
| 1/2" x 3/8"     | 31 | 29 |
| 3/4" x 1/4"     | 36 | 35 |
| 3/4" x 3/8"     | 36 | 35 |
| 3/4" x 1/2"     | 36 | 35 |
| 1" x 1/2"       | 45 | 38 |
| 1" x 3/4"       | 45 | 38 |
| 1 1/4" x 3/4"   | 55 | 38 |
| 1 1/4" x 1"     | 55 | 38 |
| 1 1/2" x 1"     | 60 | 38 |
| 1 1/2" x 1 1/4" | 60 | 38 |
| 2" x 1"         | -  | -  |

## BOUCHON FEMELLE

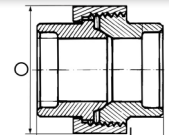
réf. 8300 SW



| DN     | D  | L  |
|--------|----|----|
| 1/4"   | 22 | 15 |
| 3/8"   | 26 | 17 |
| 1/2"   | 32 | 19 |
| 3/4"   | 38 | 23 |
| 1"     | 45 | 26 |
| 1 1/4" | 55 | 28 |
| 1 1/2" | 65 | 30 |
| 2"     | 75 | 36 |

## RACCORD UNION F/F

réf. 8340 SW



| DN     | L    | O   |
|--------|------|-----|
| 1/4"   | 42.5 | 36  |
| 3/8"   | 47.5 | 47  |
| 1/2"   | 52   | 47  |
| 3/4"   | 57   | 56  |
| 1"     | 63   | 65  |
| 1 1/4" | 70   | 78  |
| 1 1/2" | 78   | 86  |
| 2"     | 89   | 103 |

Ces raccords sont exécutés selon les normes américaines ANSI B 16.11.1973 :

- soit avec filetage suivant la norme pour tube [NPT] ANSI B .2.1 ;
- soit avec des extrémités à souder [SW].

Matériau : acier au carbone (ASTM A 105)

Certificat de réception EN 10204 type 3.1 sur demande

Autres matières sur demande :

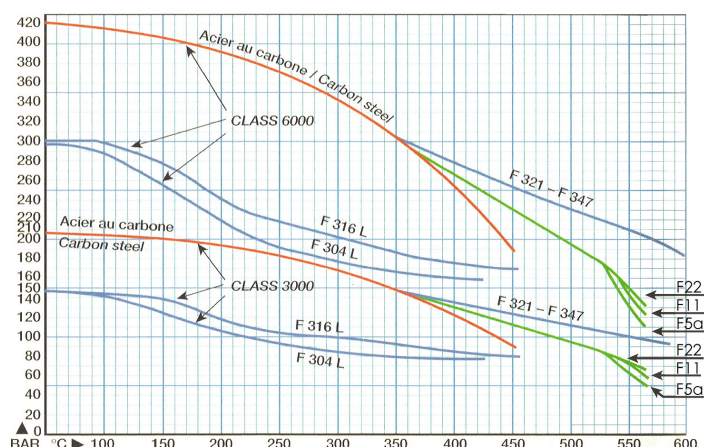
A 182, F 304 L, F 316 L, F 5, F 22, F 11, etc.

Variante : série 6000 lbs

(pression d'utilisation de 6000 lbs à 37,8°C)

## Pressions et températures de service suivant ASME B16.11

- Acier au carbone A 48 CP - Carbon steel ASTM A 105
- Acier au carbone molybdène Z 10 CD 5-05 - Alloy steel ASTM A 182 F 5a
- Acier au chrome molybdène 10 CD 9-10 - Alloy steel ASTM A 182 F 22
- Acier au chrome molybdène 15 CD 4-05 - Alloy steel ASTM A 182 F 11
- Acier inoxydable Z 2 CN 18-10 - S. steel low carbon ASTM A 182 F 304 L
- Acier inoxydable Z 2 CND 17-12 - S. steel carbon ASTM A 182 F 316 L
- Acier inoxydable Z 6 CN Nb 18-10 - S. steel ASTM A 182 F 347
- Acier inoxydable Z 6 CNT 18-10 - S. steel ASTM A 182 F 321

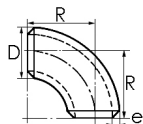


Conditions de service valables pour travail sans coup de bélier

## RACCORDS ACIER À SOUDER / FILETÉS

## COUDE À SOUDER 3D 90°

réf. 9503



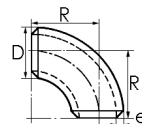
NF EN 10253

- Finition galva. sur demande
- Variantes coudes 2D 90°, 3D 45° et 3D 180°

| ØD    | e   | R   | Poids (kg) | ØD    | e    | R   | Poids (kg) |
|-------|-----|-----|------------|-------|------|-----|------------|
| 21.3  | 2.0 | 28  | 0.04       | 168.3 | 4.5  | 229 | 6.5        |
| 26.9  | 2.3 | 29  | 0.06       | 219.1 | 6.3  | 305 | 15.8       |
| 33.7  | 2.6 | 38  | 0.12       | 273   | 6.3  | 381 | 24.8       |
| 42.4  | 2.6 | 48  | 0.19       | 323.9 | 7.1  | 457 | 39.8       |
| 48.3  | 2.6 | 57  | 0.26       | 355.6 | 8.0  | 533 | 57.5       |
| 60.3  | 2.9 | 76  | 0.49       | 406.4 | 8.8  | 610 | 82.6       |
| 76.1  | 2.9 | 95  | 0.78       | 457.2 | 10   | 686 | 119        |
| 88.9  | 3.2 | 114 | 1.22       | 508   | 11   | 762 | 161        |
| 114.3 | 3.6 | 152 | 2.36       | 610   | 12.5 | 914 | -          |
| 139.7 | 4.0 | 190 | 4.0        |       |      |     |            |

## COUDE À SOUDER 5D 90°

réf. 9505



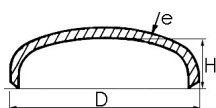
NF EN 10253

- Finition galva. sur demande
- Variantes coudes 5D 45° et 5D 180°

| ØD    | e   | R     | Poids (kg) | ØD    | e    | R    | Poids (kg) |
|-------|-----|-------|------------|-------|------|------|------------|
| 21.3  | 2.0 | 42.5  | 0.07       | 168.3 | 4.5  | 390  | 11.1       |
| 26.9  | 2.3 | 57.5  | 0.13       | 219.1 | 6.3  | 510  | 26.5       |
| 33.7  | 2.6 | 72.5  | 0.23       | 273   | 6.3  | 650  | 42.3       |
| 42.4  | 2.6 | 92.5  | 0.37       | 323.9 | 7.1  | 775  | 67.5       |
| 48.3  | 2.6 | 107.5 | 0.50       | 355.6 | 8.0  | 850  | 91.6       |
| 60.3  | 2.9 | 135   | 0.87       | 406.4 | 8.8  | 970  | 132.0      |
| 76.1  | 2.9 | 175   | 1.44       | 457.2 | 10   | 1122 | 194.0      |
| 88.9  | 3.2 | 205   | 2.18       | 508   | 11   | 1245 | 264.0      |
| 114.3 | 3.6 | 270   | 4.17       | 610   | 12.5 | 1525 | -          |
| 139.7 | 4.0 | 330   | 6.94       |       |      |      |            |

## FOND EMBOUTI

réf. 9510



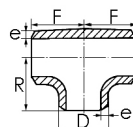
NF EN 10253

- Pour tube en acier

| ØD    | e   | H    | Poids (kg) | ØD    | e    | H    | Poids (kg) |
|-------|-----|------|------------|-------|------|------|------------|
| 26.9  | 2.0 | -    | -          | 139.7 | 4.0  | 35.5 | 0.80       |
| 33.7  | 2.3 | 11   | 0.03       | 168.3 | 4.5  | 44.5 | 1.40       |
| 42.4  | 2.6 | 11   | 0.04       | 219.1 | 6.3  | 68.5 | 2.90       |
| 48.3  | 2.6 | 11.5 | 0.05       | 273.0 | 6.3  | 90   | 5.40       |
| 60.3  | 2.9 | 16.5 | 0.10       | 323.9 | 7.1  | 99   | 7.30       |
| 76.1  | 2.9 | 18.5 | 0.16       | 355.6 | 8.0  | 106  | 9.80       |
| 88.9  | 3.2 | 23.0 | 0.24       | 406.4 | 8.8  | 125  | 14.5       |
| 114.3 | 3.6 | 26.0 | 0.42       | 419.0 | 10.0 | 128  | 17.0       |

## TÉ EGAL

réf. 9515



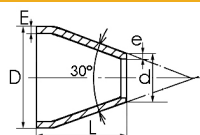
NF EN 10253

- Finition galva sur demande

| ØD   | e   | F  | Poids (kg) | ØD    | e   | F   | Poids (kg) |
|------|-----|----|------------|-------|-----|-----|------------|
| 26.9 | 2.3 | 29 | 0.15       | 88.9  | 3.2 | 86  | 2.2        |
| 33.7 | 2.3 | 38 | 0.25       | 101.6 | 5.6 | 95  | -          |
| 42.4 | 2.6 | 48 | 0.47       | 114.3 | 3.6 | 105 | 4.3        |
| 48.3 | 2.6 | 57 | 0.68       | 139.7 | 4.0 | 124 | 6.2        |
| 60.3 | 2.9 | 64 | 1.1        | 168.3 | 4.5 | 143 | 9.0        |
| 76.1 | 2.9 | 76 | 1.5        | 219.1 | 6.3 | 178 | 9.7        |

## RÉDUCTION CONCENTRIQUE

réf. 9520



NF EN 10253

| D x d       | E x e     | L  | Poids (kg) | D x d         | E x e     | L   | Poids (kg) |
|-------------|-----------|----|------------|---------------|-----------|-----|------------|
| 33.7 x 26.9 | 2.3 x 2.0 | 35 | 0.07       | 168.3 x 114.3 | 4.5 x 3.6 | 141 | 2.7        |
| 42.4 x 26.9 | 2.6 x 2.0 | 51 | 0.13       | 168.3 x 139.7 | 4.5 x 4.0 | 94  | -          |
| 42.4 x 33.7 | 2.6 x 2.3 | 39 | 0.10       | 219.1 x 114.3 | 5.9 x 3.6 | 210 | 6.6        |
| 48.3 x 26.9 | 2.6 x 2.0 | 67 | 0.19       | 219.1 x 139.7 | 5.9 x 4.0 | 170 | -          |
| 48.3 x 33.7 | 2.6 x 2.3 | 55 | 0.16       | 219.1 x 168.3 | 5.9 x 4.5 | 130 | 4.1        |
| 48.3 x 42.4 | 2.6 x 2.6 | 38 | 0.11       | 273.0 x 168.3 | 6.3 x 4.5 | 220 | 9.1        |
| 60.3 x 33.7 | 2.9 x 2.3 | 77 | 0.33       | 273.0 x 219.1 | 6.3 x 5.9 | 130 | 5.4        |
| 60.3 x 42.4 | 2.9 x 2.6 | 61 | 0.26       | 323.9 x 219.1 | 7.1 x 5.9 | 215 | 11.8       |
| 60.3 x 48.3 | 2.9 x 2.6 | 50 | 0.21       | 323.9 x 273   | 7.1 x 6.3 | 130 | 7.1        |
|             |           |    |            | 355.6 x 168.3 | 8.0 x 4.5 | 335 | 23.0       |
|             |           |    |            | 355.6 x 219.1 | 8.0 x 5.9 | 255 | 17.5       |
|             |           |    |            | 355.6 x 273   | 8.0 x 6.3 | 175 | 12.0       |
|             |           |    |            | 406.4 x 219.1 | 8.8 x 5.9 | 330 | 28.3       |
|             |           |    |            | 406.4 x 273   | 8.8 x 6.3 | 250 | 21.5       |
|             |           |    |            | 406.4 x 323.9 | 8.8 x 7.1 | 175 | 15.0       |

## BOBINE ACIER (Filetée)

réf. 9530

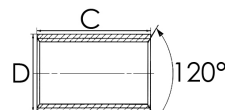


- Finition galva sur demande

| DN        | Référence :<br>Ø ext. tube | 9530 - 100<br>L = 100 mm | 9530 - 150<br>L = 150 mm | 9530 - 200<br>L = 200 mm |
|-----------|----------------------------|--------------------------|--------------------------|--------------------------|
| 08 / 13   | 13.5                       | x                        | x                        | x                        |
| 12 / 17   | 17.2                       | x                        | x                        | x                        |
| 15 / 21   | 21.3                       | x                        | x                        | x                        |
| 20 / 27   | 26.9                       | x                        | x                        | x                        |
| 26 / 34   | 33.7                       | x                        | x                        | x                        |
| 33 / 42   | 42.4                       | x                        | x                        | x                        |
| 40 / 49   | 48.3                       | x                        | x                        | x                        |
| 50 / 60   | 60.3                       | x                        | x                        | x                        |
| 66 / 76   | 76.1                       | x                        | x                        | x                        |
| 80 / 90   | 88.9                       | x                        | x                        | x                        |
| 102 / 114 | 114.3                      | x                        | x                        | x                        |

## MANCHON ACIER (Fileté)

réf. 9533



NF EN 10241

- Finition galva sur demande

| DN        | Ø ext. tube | D    | C  |
|-----------|-------------|------|----|
| 05 / 10   | 10.2        | 14   | 17 |
| 08 / 13   | 13.5        | 18.5 | 25 |
| 12 / 17   | 17.2        | 21.2 | 26 |
| 15 / 21   | 21.3        | 26.4 | 34 |
| 20 / 27   | 26.9        | 31.8 | 36 |
| 26 / 34   | 33.7        | 39.5 | 43 |
| 33 / 42   | 42.4        | 48.3 | 48 |
| 40 / 49   | 48.3        | 54.5 | 48 |
| 50 / 60   | 60.3        | 66.3 | 56 |
| 66 / 76   | 76.1        | 82   | 65 |
| 80 / 90   | 88.9        | 95   | 71 |
| 102 / 114 | 114.3       | 122  | 83 |

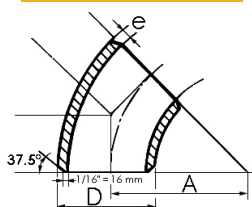


## RACCORDS À SOUDER

Dimensions en mm

## RACCORDS ACIER A SOUDER - ASME B 16.9

réf. 9802

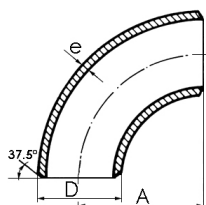
COUDE 45°  
LONG RAYON

| DN         | 1/2" | 3/4" | 1"   | 1 1/4" | 1 1/2" | 2"   | 2 1/2" | 3"    | 3 1/2" | 4"    | 5"    |
|------------|------|------|------|--------|--------|------|--------|-------|--------|-------|-------|
| D          | 21.3 | 26.7 | 33.5 | 42.2   | 48.3   | 60.4 | 73.1   | 88.9  | 101.6  | 114.3 | 141.2 |
| A          | 38.1 | 28.6 | 38.1 | 47.6   | 57.1   | 76.2 | 95.2   | 114.3 | 133.4  | 152.4 | 190.5 |
| STD e      | 2.8  | 2.95 | 3.4  | 3.55   | 3.70   | 3.90 | 5.20   | 5.45  | 5.7    | 5.95  | 6.45  |
| Poids (kg) | 0.04 | 0.04 | 0.11 | 0.17   | 0.23   | 0.37 | 0.74   | 1.10  | 1.49   | 1.95  | 3.31  |
| XS e       | 3.65 | 3.95 | 4.55 | 4.85   | 5.10   | 5.55 | 7.10   | 7.60  | 8.15   | 8.50  | 9.50  |
| Poids (kg) | 0.05 | 0.05 | 0.14 | 0.22   | 0.30   | 0.49 | 0.95   | 1.47  | 2.01   | 2.66  | 4.63  |

| DN         | 6"    | 8"    | 10"   | 12"   | 14"   | 16"   | 18"   | 20"   | 22"   | 24"   | 26"   |
|------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| D          | 168.4 | 219.2 | 273.0 | 323.8 | 355.6 | 406.4 | 457.2 | 508.0 | 558.8 | 609.6 | 660   |
| A          | 228.5 | 304.8 | 381.0 | 457.2 | 533.4 | 609.4 | 685.8 | 762.0 | 838.2 | 914.4 | 991   |
| STD e      | 7.10  | 8.25  | 9.25  | 9.50  | 9.55  | 9.55  | 9.55  | 9.55  | 9.55  | 9.55  | 9.55  |
| Poids (kg) | 5.13  | 10.3  | 18.3  | 27.0  | 34.7  | 45.4  | 58.1  | 71.7  | 87.1  | 103.9 | 122.3 |
| XS e       | 11.05 | 12.70 | 12.70 | 12.70 | 12.70 | 12.70 | 12.70 | 12.70 | 12.70 | 12.70 | 12.70 |
| Poids (kg) | 7.57  | 15.4  | 24.4  | 35.5  | 45.4  | 59.9  | 76.2  | 94.3  | 114.8 | 137.0 | 161.7 |

réf. 9803

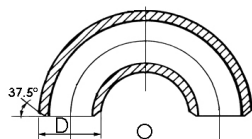
COUDE 90°  
LONG RAYON

| DN         | 1/2" | 3/4" | 1"    | 1 1/4" | 1 1/2" | 2"    | 2 1/2" | 3"    | 3 1/2" | 4"    | 5"    |
|------------|------|------|-------|--------|--------|-------|--------|-------|--------|-------|-------|
| D          | 21.3 | 26.7 | 33.5  | 42.2   | 48.3   | 60.4  | 73.1   | 88.9  | 101.6  | 114.3 | 141.2 |
| A          | 38.1 | 28.6 | 38.1  | 47.6   | 57.1   | 76.2  | 95.2   | 114.3 | 133.4  | 152.4 | 190.5 |
| STD e      | 2.8  | 2.95 | 3.4   | 3.55   | 3.70   | 3.90  | 5.20   | 5.45  | 5.7    | 5.95  | 6.45  |
| Poids (kg) | 0.08 | 0.08 | 0.15  | 0.26   | 0.38   | 0.68  | 1.33   | 2.08  | 2.92   | 3.95  | 6.67  |
| XS e       | 3.65 | 3.95 | 4.55  | 4.85   | 5.10   | 5.55  | 7.10   | 7.60  | 8.15   | 8.50  | 9.50  |
| Poids (kg) | 0.10 | 0.10 | 0.195 | 0.34   | 0.481  | 0.907 | 1.73   | 2.78  | 3.96   | 5.40  | 9.34  |

| DN         | 6"    | 8"    | 10"   | 12"   | 14"   | 16"   | 18"   | 20"   | 22"   | 24"   | 26"   |
|------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| D          | 168.4 | 219.2 | 273.0 | 323.8 | 355.6 | 406.4 | 457.2 | 508.0 | 558.8 | 609.6 | 660   |
| A          | 228.5 | 304.8 | 381.0 | 457.2 | 533.4 | 609.4 | 685.8 | 762.0 | 838.2 | 914.4 | 991   |
| STD e      | 7.10  | 8.25  | 9.25  | 9.50  | 9.55  | 9.55  | 9.55  | 9.55  | 9.55  | 9.55  | 9.55  |
| Poids (kg) | 10.4  | 20.9  | 37.0  | 54.0  | 69.9  | 91.2  | 116.1 | 143.8 | 174.6 | 207.7 | 244.5 |
| XS e       | 11.05 | 12.70 | 12.70 | 12.70 | 12.70 | 12.70 | 12.70 | 12.70 | 12.70 | 12.70 | 12.70 |
| Poids (kg) | 15.5  | 31.3  | 49.4  | 71.2  | 91.6  | 120.2 | 153.3 | 190.1 | 230.4 | 274.9 | 323.4 |

réf. 9804

COUDE 180°  
COURT RAYON

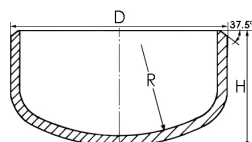
| DN         | 1"   | 1 1/4" | 1 1/2" | 2"    | 2 1/2" | 3"    | 3 1/2" | 4"    | 5"    |
|------------|------|--------|--------|-------|--------|-------|--------|-------|-------|
| D          | 33.5 | 42.2   | 48.3   | 60.4  | 73.1   | 88.9  | 101.6  | 114.3 | 141.2 |
| O          | 50.8 | 63.5   | 76.2   | 101.6 | 127.0  | 152.4 | 177.8  | 203.2 | 254.0 |
| STD e      | 3.4  | 3.55   | 3.70   | 3.90  | 5.20   | 5.45  | 5.7    | 5.95  | 6.45  |
| Poids (kg) | 0.21 | 0.35   | 0.50   | 0.90  | 1.78   | 2.78  | 3.90   | 5.26  | 8.94  |
| XS e       | -    | -      | 5.10   | 5.55  | 7.10   | 7.60  | 8.15   | 8.50  | 9.50  |
| Poids (kg) | -    | -      | 0.66   | 1.23  | 2.32   | 3.72  | 5.31   | 7.30  | 12.6  |

| DN         | 6"    | 8"    | 10"   | 12"   | 14"   | 16"   | 18"   | 20"    | 22"   | 24"    |
|------------|-------|-------|-------|-------|-------|-------|-------|--------|-------|--------|
| D          | 168.4 | 219.2 | 273.0 | 323.8 | 355.6 | 406.4 | 457.2 | 508.0  | 558.8 | 609.6  |
| O          | 304.8 | 406.4 | 508.0 | 609.6 | 711.2 | 812.8 | 914.4 | 1016.0 | -     | 1219.2 |
| STD e      | 7.10  | 8.25  | 9.25  | 9.50  | 9.55  | 9.55  | 9.55  | 9.55   | -     | 9.55   |
| Poids (kg) | 13.9  | 27.9  | 49.4  | 72.6  | 93.0  | 122.5 | 155.1 | 192.3  | -     | 277.6  |
| XS e       | 11.05 | 12.70 | 12.70 | 12.70 | 12.70 | 12.70 | 12.70 | 12.70  | -     | 12.70  |
| Poids (kg) | 20.7  | 42.0  | 66.7  | 95.3  | 122.9 | 161.0 | 204.6 | 254.0  | -     | 367.4  |

réf. 9810

FOND



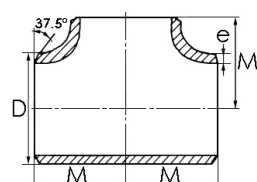
| DN         | 1/2"  | 3/4"  | 1"   | 1 1/4" | 1 1/2" | 2"   | 2 1/2" | 3"   | 3 1/2" | 4"    | 5"    |
|------------|-------|-------|------|--------|--------|------|--------|------|--------|-------|-------|
| D          | 21.3  | 26.7  | 33.5 | 42.2   | 48.3   | 60.4 | 73.1   | 88.9 | 101.6  | 114.3 | 141.2 |
| H          | 25.4  | 31.7  | 38.1 | 38.1   | 38.1   | 38.1 | 38.1   | 50.8 | 63.5   | 63.5  | 76.2  |
| R          | 13.7  | 18.3  | 23.4 | 34.3   | 35.8   | 46.0 | 54.6   | 68.3 | 79.0   | 89.4  | 112.3 |
| STD e      | 2.8   | 2.95  | 3.4  | 3.55   | 3.70   | 3.90 | 5.20   | 5.45 | 5.7    | 5.95  | 6.45  |
| Poids (kg) | 0.032 | 0.059 | 0.1  | 0.14   | 0.17   | 0.23 | 0.37   | 0.64 | 0.96   | 1.16  | 1.91  |
| XS e       | 3.65  | 3.95  | 4.55 | 4.85   | 5.10   | 5.55 | 7.10   | 7.60 | 8.15   | 8.50  | 9.50  |
| Poids (kg) | 0.041 | 0.073 | 0.13 | 0.18   | 0.22   | 0.30 | 0.46   | 0.84 | 1.28   | 1.55  | 2.61  |

| DN         | 6"    | 8"    | 10"   | 12"   | 14"   | 16"   | 18"   | 20"   | 22"   | 24"   | 26"   |
|------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| D          | 168.4 | 219.2 | 273.0 | 323.8 | 355.6 | 406.4 | 457.2 | 508.0 | 558.8 | 609.6 | 660   |
| H          | 88.9  | 101.6 | 127.0 | 152.4 | 165.1 | 177.8 | 203.2 | 228.6 | 254.0 | 266.7 | 266.7 |
| R          | 134.9 | 177.3 | 222.8 | 266.7 | 294.6 | 338.8 | 383.0 | 427.7 | 472.4 | 516.6 | -     |
| STD e      | 7.10  | 8.25  | 9.25  | 9.50  | 9.55  | 9.55  | 9.55  | 9.55  | 9.55  | 9.55  | 9.55  |
| Poids (kg) | 2.91  | 5.13  | 9.08  | 13.4  | 16.0  | 20.1  | 25.9  | 32.5  | 39.3  | 46.3  | -     |
| XS e       | 11.05 | 12.70 | 12.70 | 12.70 | 12.70 | 12.70 | 12.70 | 12.70 | 12.70 | 12.70 | 12.70 |
| Poids (kg) | 4.19  | 7.40  | 11.9  | 17.3  | 20.8  | 26.1  | 33.9  | 42.6  | 52.2  | 60.8  | 66    |

réf. 9815

TÉ EGAL



| DN         | 1/2" | 3/4" | 1"   | 1 1/4" | 1 1/2" | 2"   | 2 1/2" | 3"    | 3 1/2" | 4"    | 5"    |
|------------|------|------|------|--------|--------|------|--------|-------|--------|-------|-------|
| D          | 21.3 | 26.7 | 33.5 | 42.2   | 48.3   | 60.4 | 73.1   | 88.9  | 101.6  | 114.3 | 141.2 |
| M          | 38.1 | 28.6 | 38.1 | 47.6   | 57.1   | 76.2 | 95.2   | 114.3 | 133.4  | 152.4 | 190.5 |
| STD e      | 2.8  | 2.95 | 3.4  | 3.55   | 3.70   | 3.90 | 5.20   | 5.45  | 5.7    | 5.95  | 6.45  |
| Poids (kg) | 0.04 | 0.04 | 0.11 | 0.17   | 0.23   | 0.37 | 0.74   | 1.10  | 1.49   | 1.95  | 3.31  |
| XS e       | 3.65 | 3.95 | 4.55 | 4.85   | 5.10   | 5.55 | 7.10   | 7.60  | 8.15   | 8.50  | 9.50  |
| Poids (kg) | 0.05 | 0.05 | 0.14 | 0.22   | 0.30   | 0.49 | 0.95   | 1.47  | 2.01   | 2.66  | 4.63  |

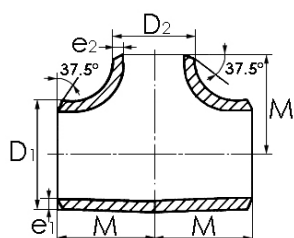
| DN         | 6"    | 8"    | 10"   | 12"   | 14"   | 16"   | 18"   | 20"   | 22"   | 24"   |
|------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| D          | 168.4 | 219.2 | 273.0 | 323.8 | 355.6 | 406.4 | 457.2 | 508.0 | 558.8 | 609.6 |
| M          | 228.5 | 304.8 | 381.0 | 457.2 | 533.4 | 609.4 | 685.8 | 762.0 | 838.2 | 914.4 |
| STD e      | 7.10  | 8.25  | 9.25  | 9.50  | 9.55  | 9.55  | 9.55  | 9.55  | 9.55  | 9.55  |
| Poids (kg) | 5.13  | 10.3  | 18.3  | 27.0  | 34.7  | 45.4  | 58.1  | 71.7  | 87.1  | 103.9 |
| XS e       | 11.05 | 12.70 | 12.70 | 12.70 | 12.70 | 12.70 | 12.70 | 12.70 | 12.70 | 12.70 |
| Poids (kg) | 7.57  | 15.4  | 24.4  | 35.5  | 45.4  | 59.9  | 76.2  | 94.3  | 114.8 | 137.0 |



## RACCORDS À SOUDER PÉTROLE EN ACIER - ASME B 16.9

## TÉ RÉDUIT

réf. 9816



| DN         | 1/2" x 1/4" | 1/2" x 3/8" | 3/4" x 3/8" | 3/4" x 1/2" | 1" x 3/8" | 1" x 1/2" | 1" x 3/4" | 1 1/4" x 1/2" | 1 1/4" x 3/4" | 1 1/4" x 1" |
|------------|-------------|-------------|-------------|-------------|-----------|-----------|-----------|---------------|---------------|-------------|
| D1         | 21.3        | 21.3        | 26.7        | 26.7        | 33.5      | 33.5      | 33.5      | 42.2          | 42.2          | 42.2        |
| D2         | 13.7        | 17.1        | 17.1        | 21.3        | 17.1      | 21.3      | 26.7      | 21.3          | 26.7          | 33.5        |
| M          | 25.4        | 25.4        | 28.6        | 28.6        | 38.1      | 38.1      | 38.1      | 47.6          | 47.6          | 47.6        |
| STD e1     | 2.80        | 2.80        | 2.95        | 2.95        | 3.40      | 3.4       | 3.40      | 3.55          | 3.55          | 3.55        |
| e2         | 2.25        | 2.30        | 2.30        | 2.80        | 2.30      | 2.80      | 2.95      | 2.80          | 2.95          | 3.40        |
| Poids (kg) | 0.10        | 0.10        | 0.15        | 0.15        | 0.29      | 0.29      | 0.30      | 0.50          | 0.50          | 0.53        |
| XS e1      | 3.65        | 3.65        | 3.95        | 3.95        | 4.55      | 4.55      | 4.55      | 4.85          | 4.85          | 4.85        |
| e2         | 3.00        | 3.18        | 3.18        | 3.65        | 3.18      | 3.65      | 3.95      | 3.65          | 3.95          | 4.55        |
| Poids (kg) | 0.12        | 0.13        | 0.19        | 0.19        | 0.36      | 0.36      | 0.36      | 0.62          | 0.63          | 0.66        |

| DN         | 1 1/2" x 1/2" | 1 1/2" x 3/4" | 1 1/2" x 1" | 1 1/2" x 1 1/4" | 2" x 3/4" | 2" x 1" | 2" x 1 1/4" | 2" x 1 1/2" | 2 1/2" x 1" | 2 1/2" x 1 1/4" | 2 1/2" x 1 1/2" | 2 1/2" x 2" | 3" x 1" | 3" x 1 1/4" | 3" x 1 1/2" |
|------------|---------------|---------------|-------------|-----------------|-----------|---------|-------------|-------------|-------------|-----------------|-----------------|-------------|---------|-------------|-------------|
| D1         | 48.3          | 48.3          | 48.3        | 48.3            | 60.4      | 60.4    | 60.4        | 60.4        | 73.1        | 73.1            | 73.1            | 73.1        | 88.9    | 88.9        | 88.9        |
| D2         | 21.3          | 26.7          | 33.5        | 42.2            | 26.7      | 33.5    | 42.2        | 48.3        | 33.5        | 42.2            | 48.3            | 60.4        | 33.5    | 42.2        | 48.3        |
| M          | 57.1          | 57.1          | 57.1        | 57.1            | 63.5      | 63.5    | 63.5        | 63.5        | 57.1        | 63.5            | 66.7            | 69.8        | 66.7    | 69.8        | 73.0        |
| STD e1     | 3.70          | 3.70          | 3.70        | 3.70            | 3.90      | 3.90    | 3.90        | 3.90        | 5.20        | 5.20            | 5.20            | 5.20        | 5.45    | 5.45        | 5.45        |
| e2         | 2.80          | 2.95          | 3.40        | 3.55            | 2.95      | 3.40    | 3.55        | 3.70        | 3.40        | 3.55            | 3.70            | 3.90        | 3.40    | 3.55        | 3.70        |
| Poids (kg) | 0.73          | 0.73          | 0.76        | 0.80            | 1.09      | 1.12    | 1.16        | 1.21        | 1.96        | 1.99            | 2.04            | 2.08        | 2.85    | 2.88        | 2.92        |
| XS e1      | 5.10          | 5.10          | 5.10        | 5.10            | 5.55      | 5.55    | 5.55        | 5.55        | 7.10        | 7.10            | 7.10            | 7.10        | 7.60    | 7.60        | 7.60        |
| e2         | 3.65          | 3.95          | 4.55        | 4.85            | 3.95      | 4.55    | 4.85        | 5.10        | 4.55        | 4.85            | 5.10            | 5.55        | 4.55    | 4.85        | 5.10        |
| Poids (kg) | 0.92          | 0.92          | 0.95        | 1.00            | 1.41      | 1.44    | 1.48        | 1.54        | 2.48        | 2.51            | 2.57            | 2.61        | 3.68    | 3.71        | 3.76        |

| DN         | 3" x 2" | 3" x 2 1/2" | 3 1/2" x 1 1/2" | 3 1/2" x 2" | 3 1/2" x 2 1/2" | 3 1/2" x 3" | 4" x 1 1/2" | 4" x 2" | 4" x 2 1/2" | 4" x 3" | 4" x 3 1/2" | 5" x 2" | 5" x 2 1/2" | 5" x 3" | 5" x 3 1/2" |
|------------|---------|-------------|-----------------|-------------|-----------------|-------------|-------------|---------|-------------|---------|-------------|---------|-------------|---------|-------------|
| D1         | 88.9    | 88.9        | 101.6           | 101.6       | 101.6           | 101.6       | 114.3       | 114.3   | 114.3       | 114.3   | 114.3       | 141.2   | 141.2       | 141.2   | 141.2       |
| D2         | 60.4    | 73.1        | 48.3            | 60.4        | 73.1            | 88.9        | 48.3        | 60.4    | 73.1        | 88.9    | 101.6       | 60.4    | 73.1        | 88.9    | 101.6       |
| M          | 76.2    | 82.5        | 79.4            | 82.5        | 88.9            | 92.1        | 85.7        | 88.9    | 95.2        | 98.4    | 101.6       | 104.8   | 108.0       | 111.1   | 114.3       |
| STD e1     | 5.45    | 5.45        | 5.70            | 5.70        | 5.70            | 5.70        | 5.95        | 5.95    | 5.95        | 5.95    | 5.95        | 6.45    | 6.45        | 6.45    | 6.45        |
| e2         | 3.90    | 5.20        | 3.70            | 3.90        | 5.20            | 5.45        | 3.70        | 3.90    | 5.20        | 5.45    | 5.70        | 3.90    | 5.20        | 5.45    | 5.70        |
| Poids (kg) | 2.95    | 3.09        | 3.85            | 3.85        | 3.99            | 4.09        | 4.94        | 4.99    | 4.13        | 5.17    | 5.26        | 7.80    | 7.89        | 7.98    | 8.07        |
| XS e1      | 7.60    | 7.60        | 8.15            | 8.15        | 8.15            | 8.15        | 8.50        | 8.50    | 8.50        | 8.50    | 8.50        | 9.50    | 9.50        | 9.50    | 9.50        |
| e2         | 5.55    | 7.10        | 5.10            | 5.55        | 7.10            | 7.60        | 5.10        | 5.55    | 7.10        | 7.60    | 8.15        | 5.55    | 7.10        | 7.60    | 8.15        |
| Poids (kg) | 3.79    | 3.90        | 5.03            | 5.08        | 5.22            | 5.31        | 6.53        | 6.58    | 6.67        | 6.80    | 6.94        | 10.6    | 10.7        | 10.75   | 10.8        |

| DN         | 5" x 4" | 6" x 2 1/2" | 6" x 3" | 6" x 3 1/2" | 6" x 4" | 6" x 5" | 8" x 3" | 8" x 3 1/2" | 8" x 4" | 8" x 5" | 8" x 6" | 10" x 4" | 10" x 5" | 10" x 6" | 10" x 8" |
|------------|---------|-------------|---------|-------------|---------|---------|---------|-------------|---------|---------|---------|----------|----------|----------|----------|
| D1         | 141.2   | 168.4       | 168.4   | 168.4       | 168.4   | 168.4   | 219.2   | 219.2       | 219.2   | 219.2   | 219.2   | 273.0    | 273.0    | 273.0    | 273.0    |
| D2         | 114.3   | 73.1        | 88.9    | 101.6       | 114.3   | 141.2   | 88.9    | 101.6       | 114.3   | 141.2   | 168.4   | 114.3    | 141.2    | 168.4    | 219.2    |
| M          | 117.5   | 120.7       | 123.8   | 127.0       | 130.2   | 136.5   | 152.4   | 152.4       | 155.6   | 161.9   | 168.3   | 184.2    | 190.5    | 193.7    | 203.2    |
| STD e1     | 6.45    | 7.10        | 7.10    | 7.10        | 7.1     | 7.10    | 8.25    | 8.25        | 8.25    | 8.25    | 8.25    | 9.25     | 9.25     | 9.25     | 9.25     |
| e2         | 5.95    | 5.20        | 7.10    | 5.70        | 5.95    | 6.45    | 5.45    | 5.70        | 5.95    | 6.45    | 7.10    | 5.95     | 6.45     | 7.10     | 8.25     |
| Poids (kg) | 8.21    | 11.7        | 11.7    | 11.8        | 11.9    | 12.1    | 21.6    | 21.6        | 21.7    | 21.8    | 22.1    | 36.8     | 36.9     | 37.1     | 37.6     |
| XS e1      | 9.50    | 11.05       | 11.05   | 11.05       | 11.05   | 11.05   | 12.70   | 12.70       | 12.7    | 12.70   | 12.70   | 12.70    | 12.70    | 12.70    | 12.70    |
| e2         | 8.50    | -           | 7.60    | 8.15        | 8.50    | 9.50    | 7.60    | 8.15        | 8.50    | 9.50    | 11.05   | 8.50     | 9.50     | 11.05    | 12.70    |
| Poids (kg) | 11.0    | 16.7        | 16.7    | 16.8        | 16.9    | 17.1    | 31.3    | 31.3        | 31.4    | 31.5    | 31.9    | 48.1     | 48.1     | 49.0     | 49.4     |

| DN         | 12" x 5" | 12" x 6" | 12" x 8" | 12" x 10" | 14" x 6" | 14" x 8" | 14" x 10" | 14" x 12" | 16" x 6" | 16" x 8" | 16" x 10" | 16" x 12" | 16" x 14" | 18" x 8" | 18" x 10" |
|------------|----------|----------|----------|-----------|----------|----------|-----------|-----------|----------|----------|-----------|-----------|-----------|----------|-----------|
| D1         | 323.8    | 323.8    | 323.8    | 323.8     | 355.6    | 355.6    | 355.6     | 355.6     | 406.4    | 406.4    | 406.4     | 406.4     | 406.4     | 457.2    | 457.2     |
| D2         | 141.2    | 168.4    | 219.2    | 273.0     | 168.4    | 219.2    | 273.0     | 323.8     | 168.4    | 219.2    | 273.0     | 323.8     | 355.6     | 219.2    | 273.0     |
| M          | 215.9    | 219.1    | 228.6    | 241.3     | 238.1    | 247.7    | 257.2     | 269.9     | 263.5    | 273.1    | 282.6     | 295.3     | 304.8     | 298.4    | 308.0     |
| STD e1     | 9.50     | 9.50     | 9.50     | 9.50      | 9.55     | 9.55     | 9.55      | 9.55      | 9.55     | 9.55     | 9.55      | 9.55      | 9.55      | 9.55     | 9.55      |
| e2         | 6.45     | 7.10     | 8.25     | 9.25      | 7.10     | 8.25     | 9.25      | 9.50      | 7.10     | 8.25     | 9.25      | 9.50      | 9.55      | 8.25     | 9.25      |
| Poids (kg) | 53.1     | 53.1     | 53.5     | 54.9      | 64.4     | 64.9     | 65.3      | 66.7      | 79.8     | 83.9     | 88.5      | 92.5      | 95.3      | 104.8    | 110.7     |
| XS e1      | 12.70    | 12.70    | 12.70    | 12.70     | 12.70    | 12.70    | 12.70     | 12.70     | 12.70    | 12.70    | 12.7      | 12.70     | 12.70     | 12.70    | 12.70     |
| e2         | 9.50     | 11.05    | 12.70    | 12.70     | 11.05    | 12.70    | 12.70     | 12.70     | 11.05    | 12.70    | 12.70     | 12.70     | 12.70     | 12.70    | 12.70     |
| Poids (kg) | 68.5     | 68.5     | 69.4     | 70.3      | 83.0     | 83.5     | 83.9      | 85.7      | 101.2    | 105.7    | 110.7     | 115.7     | 118.4     | 133.4    | 139.3     |

| DN         | 18" x 12" | 18" x 14" | 18" x 16" | 20" x 8" | 20" x 10" | 20" x 12" | 20" x 14" | 20" x 16" | 20" x 18" | 24" x 10" | 24" x 12" | 24" x 14" | 24" x 16" | 24" x 18" | 24" x 20" |
|------------|-----------|-----------|-----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| D1         | 457.2     | 457.2     | 457.2     | 508.0    | 508.0     | 508.0     | 508.0     | 508.0     | 508.0     | 609.6     | 609.6     | 609.6     | 609.6     | 609.6     | 609.6     |
| D2         | 323.8     | 355.6     | 406.4     | 219.2    | 273.0     | 323.8     | 355.6     | 406.4     | 457.2     | 273.0     | 323.8     | 406.4     | 406.4     | 457.2     | 508.0     |
| M          | 320.7     | 330.2     | 330.2     | 323.8    | 333.4     | 346.1     | 355.6     | 355.6     | 368.3     | 384.2     | 396.9     | 406.4     | 406.4     | 419.1     | 431.8     |
| STD e1     | 9.55      | 9.55      | 9.55      | 9.55     | 9.55      | 9.55      | 9.55      | 9.55      | 9.55      | 9.55      | 9.55      | 9.55      | 9.55      | 9.55      | 9.55      |
| e2         | 9.50      | 9.55      | 9.55      | 8.25     | 9.25      | 9.50      | 9.55      | 9.55      | 9.55      | 9.25      | 9.50      | 190.1     | 9.55      | 9.55      | 9.55      |
| Poids (kg) | 115.2     | 118.2     | 122.0     | 127.9    | 133.8     | 139.7     | 143.3     | 149.2     | 155.1     | 178.7     | 185.5     | 190.1     | 196.4     | 205.5     | 205.5     |
| XS e1      | 12.70     | 12.70     | 12.70     | 12.70    | 12.70     | 12.70     | 12.70     | 12.70     | 12.70     | 12.70     | 12.70     | 12.70     | 12.70     | 12.70     | 12.70     |
| e2         | 12.70     | 12.70     | 12.70     | 12.70    | 12.70     | 12.70     | 12.70     | 12.70     | 12.70     | 12.70     | 12.70     | 12.70     | 12.70     | 12.70     | 12.70     |
| Poids (kg) | -         | 148.8     | 152.4     | 163.7    | 170.6     | 176.9     | 181.0     | 187.3     | 193.7     | 227.7     | 235.0     | 240.0     | 246.8     | 255.8     | 260.8     |

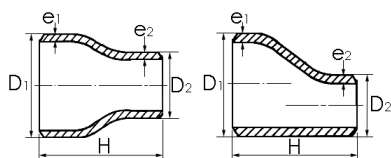
## RACCORDS À SOUDER

Dimensions en mm

## RACCORDS À SOUDER PÉTROLE EN ACIER - ASME B 16.9

## RÉDUCTIONS CONCENTRIQUES &amp; EXCENTRIQUES

réf. 9820



| DN         | 3/4" x 3/8" | 3/4" x 1/2" | 1" x 3/8" | 1" x 1/2" | 1" x 3/4" | 1 1/4" x 1/2" | 1 1/4" x 3/4" | 1 1/4" x 1" | 1 1/2" x 1/2" |
|------------|-------------|-------------|-----------|-----------|-----------|---------------|---------------|-------------|---------------|
| D1         | 26.7        | 26.7        | 33.5      | 33.5      | 33.5      | 42.2          | 42.2          | 42.2        | 48.3          |
| D2         | 17.1        | 21.3        | 17.1      | 21.3      | 26.7      | 21.3          | 26.7          | 33.5        | 21.3          |
| H          | 38.1        | 38.1        | 50.8      | 50.8      | 0.14      | 50.8          | 50.8          | 50.8        | 63.5          |
| STD e1     | 2.95        | 2.95        | 3.40      | 3.40      | 3.40      | 3.55          | 3.55          | 3.55        | 3.70          |
| STD e2     | 2.30        | 2.80        | 2.30      | 2.80      | 2.95      | 2.80          | 2.95          | 3.40        | 2.80          |
| Poids (kg) | 0.09        | 0.09        | 0.14      | 0.14      | 0.17      | 0.19          | 0.20          | 0.20        | 0.20          |
| XS e1      | 3.95        | 3.95        | 4.55      | 4.55      | 4.55      | 4.85          | 4.85          | 4.85        | 5.10          |
| XS e2      | 3.18        | 3.65        | 3.18      | 3.65      | 50.8      | 3.65          | 3.95          | 4.55        | 3.65          |
| Poids (kg) | 0.11        | 0.12        | 0.15      | 0.16      | 0.17      | 0.22          | 0.23          | 0.24        | 0.28          |

| DN         | 1 1/2" x 3/4" | 1 1/2" x 1" | 1 1/2" x 1 1/4" | 2" x 3/4" | 2" x 1" | 2" x 1 1/4" | 2" x 1 1/2" | 2 1/2" x 1" | 2 1/2" x 1 1/4" | 2 1/2" x 1 1/2" | 2 1/2" x 2" | 3" x 1 1/4" | 3" x 1 1/2" | 3" x 2" |
|------------|---------------|-------------|-----------------|-----------|---------|-------------|-------------|-------------|-----------------|-----------------|-------------|-------------|-------------|---------|
| D1         | 48.3          | 48.3        | 48.3            | 60.4      | 60.4    | 60.4        | 60.4        | 73.1        | 73.1            | 73.1            | 73.1        | 88.9        | 88.9        | 88.9    |
| D2         | 26.7          | 33.5        | 42.2            | 26.7      | 33.5    | 42.2        | 48.3        | 33.5        | 42.2            | 48.3            | 60.4        | 42.2        | 48.3        | 60.4    |
| H          | 63.5          | 63.5        | 63.5            | 76.2      | 76.2    | 376.2       | 76.2        | 88.9        | 88.9            | 88.9            | 88.9        | 88.9        | 88.9        | 88.9    |
| STD e1     | 3.70          | 3.70        | 3.70            | 3.90      | 3.90    | 3.90        | 3.920       | 5.20        | 5.20            | 5.20            | 5.20        | 5.45        | 5.45        | 5.45    |
| STD e2     | 2.95          | 3.40        | 3.55            | 2.95      | 3.40    | 3.55        | 3.70        | 3.40        | 3.55            | 3.70            | 3.90        | 3.55        | 3.70        | 3.90    |
| Poids (kg) | 0.22          | 0.24        | 0.26            | 0.33      | 0.37    | 0.39        | 0.41        | 0.59        | 0.67            | 0.68            | 0.73        | 0.77        | 0.86        | 0.91    |
| XS e1      | 5.10          | 5.10        | 5.10            | 5.55      | 5.55    | 5.55        | 5.55        | 7.10        | 7.10            | 7.10            | 7.10        | 7.60        | 7.60        | 7.60    |
| XS e2      | 3.95          | 4.55        | 4.85            | 3.95      | 4.55    | 4.85        | 5.10        | 4.55        | 4.85            | 5.10            | 5.55        | 4.85        | 5.10        | 5.55    |
| Poids (kg) | 0.27          | 0.31        | 0.33            | 0.46      | 0.45    | 0.53        | 0.54        | 0.79        | 0.78            | 0.86            | 0.94        | 1.04        | 0.99        | 1.18    |

| DN         | 3" x 2 1/2" | 3 1/2" x 1 1/4" | 3 1/2" x 1 1/2" | 3 1/2" x 2" | 3 1/2" x 2 1/2" | 3 1/2" x 3" | 4" x 1 1/2" | 4" x 2" | 4" x 2 1/2" | 4" x 3" | 4" x 3 1/2" | 5" x 2" | 5" x 2 1/2" | 5" x 3" |
|------------|-------------|-----------------|-----------------|-------------|-----------------|-------------|-------------|---------|-------------|---------|-------------|---------|-------------|---------|
| D1         | 88.9        | 101.6           | 101.6           | 101.6       | 101.6           | 101.6       | 114.3       | 114.3   | 114.3       | 114.3   | 114.3       | 141.2   | 141.2       | 141.2   |
| D2         | 73.1        | 42.2            | 48.3            | 60.4        | 73.1            | 88.9        | 48.3        | 60.4    | 73.1        | 88.9    | 101.6       | 60.4    | 73.1        | 88.9    |
| H          | 88.9        | 101.6           | 101.6           | 101.6       | 101.6           | 101.6       | 101.6       | 101.6   | 101.6       | 101.6   | 101.6       | 127.0   | 127.0       | 127.0   |
| STD e1     | 5.45        | 5.70            | 5.70            | 5.70        | 5.70            | 5.70        | 5.95        | 5.95    | 5.95        | 5.95    | 5.95        | 6.45    | 6.45        | 6.45    |
| STD e2     | 5.20        | 3.55            | 3.70            | 3.90        | 5.20            | 5.45        | 3.70        | 3.90    | 5.20        | 4.45    | 5.70        | 3.90    | 5.20        | 5.45    |
| Poids (kg) | 0.98        | 1.07            | 1.14            | 1.23        | 1.34            | 1.38        | 1.24        | 1.44    | 1.52        | 1.59    | 1.64        | 2.29    | 2.51        | 2.60    |
| XS e1      | 7.60        | 8.15            | 8.15            | 8.15        | 8.15            | 8.11        | 8.50        | 8.50    | 8.50        | 8.50    | 8.50        | 9.50    | 9.50        | 9.50    |
| XS e2      | 7.10        | 4.85            | 5.10            | 5.55        | 7.10            | 7.60        | 5.10        | 5.55    | 7.10        | 7.60    | 8.15        | 5.55    | 7.10        | 7.60    |
| Poids (kg) | 1.29        | 1.49            | 1.43            | 1.61        | 1.75            | 1.85        | 1.73        | 1.78    | 2.01        | 2.13    | 2.21        | 3.00    | 3.30        | 3.55    |

| DN         | 5" x 3 1/2" | 5" x 4" | 6" x 2 1/2" | 6" x 3" | 6" x 3 1/2" | 6" x 4" | 6" x 5" | 8" x 3 1/2" | 8" x 4" | 8" x 5" | 8" x 6" | 10" x 4" | 10" x 5" | 10" x 6" |
|------------|-------------|---------|-------------|---------|-------------|---------|---------|-------------|---------|---------|---------|----------|----------|----------|
| D1         | 141.2       | 141.2   | 168.4       | 168.4   | 168.4       | 168.4   | 168.4   | 219.1       | 219.2   | 219.2   | 219.2   | 273.0    | 273.0    | 273.0    |
| D2         | 101.6       | 114.3   | 73.1        | 88.9    | 101.6       | 114.3   | 141.2   | 101.6       | 114.3   | 141.2   | 168.4   | 114.3    | 141.2    | 168.4    |
| H          | 127.0       | 127.0   | 139.7       | 189.7   | 139.7       | 189.7   | 189.7   | 152.4       | 152.4   | 152.4   | 152.4   | 177.8    | 177.8    | 177.8    |
| STD e1     | 6.45        | 6.45    | 7.10        | 7.10    | 7.10        | 7.10    | 7.10    | 8.25        | 8.25    | 8.25    | 8.25    | 9.25     | 9.25     | 9.25     |
| STD e2     | 5.70        | 5.95    | 5.20        | 5.45    | 5.70        | 5.95    | 6.45    | 5.70        | 5.95    | 6.45    | 7.10    | 5.95     | 6.45     | 7.10     |
| Poids (kg) | 2.66        | 2.72    | 3.45        | 3.63    | 8.69        | 8.72    | 8.98    | 5.81        | 5.95    | 6.08    | 6.31    | 9.58     | 9.90     | 10.1     |
| XS e1      | 9.50        | 9.50    | 11.05       | 11.05   | 11.05       | 11.05   | 11.05   | 12.70       | 12.70   | 12.70   | 12.70   | 12.70    | 12.70    | 12.70    |
| XS e2      | 8.15        | 8.50    | 7.10        | 7.60    | 8.15        | 8.50    | 9.90    | 8.15        | 8.50    | 9.50    | 11.05   | 8.50     | 9.50     | 11.05    |
| Poids (kg) | 3.65        | 3.78    | 4.52        | 5.04    | 5.27        | 5.45    | 5.72    | 7.31        | 8.44    | 8.85    | 9.26    | 11.5     | 13.0     | 13.5     |

| DN         | 10" x 8" | 12" x 5" | 12" x 6" | 12" x 8" | 12" x 10" | 14" x 6" | 14" x 8" | 14" x 10" | 14" x 12" | 16" x 8" | 16" x 10" | 16" x 12" | 16" x 14" | 18" x 10" |
|------------|----------|----------|----------|----------|-----------|----------|----------|-----------|-----------|----------|-----------|-----------|-----------|-----------|
| D1         | 273.0    | 323.8    | 323.8    | 323.8    | 323.8     | 355.6    | 355.6    | 355.6     | 355.6     | 406.4    | 406.4     | 406.4     | 406.4     | 457.2     |
| D2         | 219.2    | 141.2    | 168.4    | 219.2    | 273.0     | 168.4    | 219.2    | 273.0     | 323.8     | 219.2    | 273.0     | 323.8     | 355.6     | 273.0     |
| H          | 177.8    | 203.2    | 203.2    | 203.2    | 203.2     | 130.2    | 330.2    | 330.2     | 330.2     | 355.6    | 355.6     | 355.6     | 355.6     | 381.0     |
| STD e1     | 9.25     | 9.50     | 9.50     | 9.50     | 9.50      | 9.55     | 9.55     | 9.55      | 9.55      | 9.55     | 9.55      | 9.55      | 9.55      | 9.55      |
| STD e2     | 8.25     | 6.45     | 7.10     | 8.25     | 9.25      | 7.10     | 8.25     | 9.25      | 9.50      | 8.25     | 9.25      | 9.50      | 9.55      | 9.25      |
| Poids (kg) | 10.5     | 13.8     | 14.1     | 14.6     | 15.2      | 25.3     | 26.0     | 27.4      | 28.8      | 31.9     | 33.1      | 34.3      | 35.2      | 39.4      |
| XS e1      | 12.70    | 12.70    | 12.70    | 12.70    | 12.70     | 12.70    | 12.70    | 12.70     | 12.70     | 12.7     | 12.7      | 12.7      | 12.7      | 12.7      |
| XS e2      | 12.70    | 9.50     | 11.05    | 12.7     | 12.70     | 11.05    | 12.70    | 12.70     | 12.70     | 12.7     | 12.7      | 12.7      | 12.7      | 12.7      |
| Poids (kg) | 14.2     | 17.7     | 18.4     | 17.0     | 19.8      | 33.7     | 34.9     | 36.1      | 37.7      | 42.6     | 43.7      | 45.0      | 46.3      | 51.8      |

| DN         | 18" x 12" | 18" x 14" | 18" x 16" | 20" x 12" | 20" x 14" | 20" x 16" | 20" x 18" | 22" x 14" | 22" x 16" | 22" x 18" | 22" x 20" | 24" x 16" | 24" x 18" | 24" x 20" |
|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| D1         | 457.2     | 457.2     | 457.2     | 508.0     | 508.0     | 508.0     | 508.0     | 558.8     | 558.8     | 558.8     | 558.8     | 609.6     | 609.6     | 609.6     |
| D2         | 323.8     | 355.6     | 406.4     | 323.8     | 355.6     | 406.4     | 457.2     | 355.6     | 406.4     | 457.2     | 508.0     | 406.4     | 457.2     | 508.0     |
| H          | 381.0     | 381.0     | 381.0     | 508.0     | 508.0     | 508.0     | 508.0     | 508.0     | 508.0     | 508.0     | 508.0     | 508.0     | 508.0     | 508.0     |
| STD e1     | 9.55      | 9.55      | 9.55      | 9.55      | 9.55      | 9.55      | 9.55      | 9.55      | 9.55      | 9.55      | 9.55      | 9.55      | 9.55      | 9.55      |
| STD e2     | 9.50      | 9.55      | 9.55      | 9.50      | 9.55      | 9.55      | 9.55      | 9.55      | 9.55      | 9.55      | 9.55      | 9.55      | 9.55      | 9.55      |
| Poids (kg) | 40.5      | 41.3      | 42.7      | 60.8      | 61.3      | 62.6      | 64.5      | 67.2      | 68.5      | 69.9      | 71.3      | 72.6      | 74.0      | 75.8      |
| XS e1      | 12.7      | 12.7      | 12.7      | 12.7      | 12.7      | 12.7      | 12.7      | 12.7      | 12.7      | 12.7      | 12.7      | 12.7      | 12.7      | 12.7      |
| XS e2      | 12.7      | 12.7      | 12.7      | 12.7      | 12.7      | 12.7      | 12.7      | 12.7      | 12.7      | 12.7      | 12.7      | 12.7      | 12.7      | 12.7      |
| Poids (kg) | 53.6      | 54.5      | 55.8      | 79.9      | 81.3      | 82.6      | 84.4      | 88.5      | 89.9      | 91.7      | 94.0      | 95.8      | 97.6      | 99.9      |

# RACCORDS À EXTRÉMITÉS FILETÉES

Dimensions en mm

## RACCORDS FONTE MALLEABLE FILETÉS PAS DU GAZ

Utilisation : eau, gaz, air comprimé

Limites d'utilisation : 120°C / 25 bar, 300°C / 20 bar

Température : -20°C +300°C

Dimensions : 8/13 à 102/114

Filetage : mâle conique [R], femelle cylindrique [Rp] ISO 7-1

Traitement de surface : NOIR ou GALVANISE à chaud (la lettre « G » suit alors la référence à 4 chiffres.)

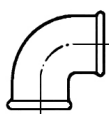
Ex. : réf. 9300 G = bouchon F. tête hexagonale, galvanisé

Autres raccords sur demande



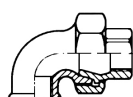
COUDE 45° GRAND RAYON M/F

réf. 9040



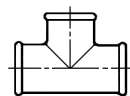
COUDE 90° F/F

réf. 9090



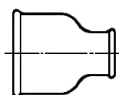
COUDE UNION JOINT CONIQUE F/F

réf. 9096



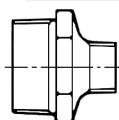
TÉ ÉGAL F/F/F

réf. 9130



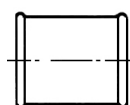
RÉDUCTION F/F

réf. 9240



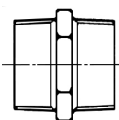
RÉDUCTION M/M

réf. 9245



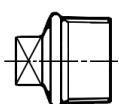
MANCHON F/F

réf. 9270



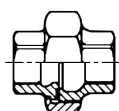
MAMELON 6 PANS FILETAGE DD M/M

réf. 9280



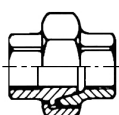
BOUCHON TÊTE CARRÉE M

réf. 9290



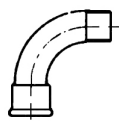
RACCORD UNION JOINT PLAT F/F

réf. 9330



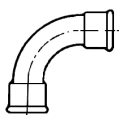
RACCORD UNION JOINT CONIQUE F/F

réf. 9340



COUDE 90° GRAND RAYON M/F

réf. 9001



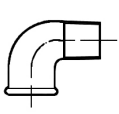
COUDE 90° GRAND RAYON F/F

réf. 9002



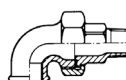
COUDE 45° GRAND RAYON F/F

réf. 9041



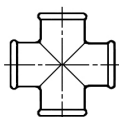
COUDE 90° M/F

réf. 9092



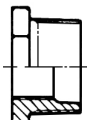
COUDE UNION JOINT CONIQUE M/F

réf. 9098



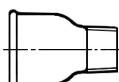
CROIX

réf. 9180



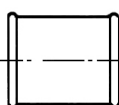
RÉDUCTION M/F

réf. 9241



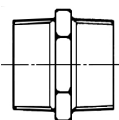
RÉDUCTION F/M

réf. 9246



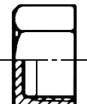
MANCHON FILETAGE À DROITE ET À GAUCHE

réf. 9271



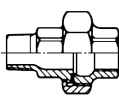
MAMELON 6 PANS FILETAGE DG M/M

réf. 9281



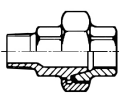
BOUCHON 6 PANS F

réf. 9300



RACCORD UNION M/F JOINT PLAT

réf. 9331



RACCORD UNION JOINT CONIQUE M/F

réf. 9341

# RACCORDS EXPRESS

Dimensions en mm

## RACCORDS EXPRESS

Selon norme NFE 29-573

Construction standard : laiton

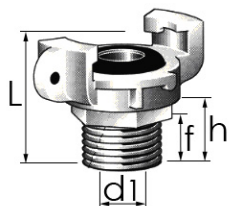
Variante sur demande : inox (suivant norme NF A 35-572)

### DEMI-RACCORD À DOUILLE FILETÉE MALE

Pas du GAZ selon NFE 03-005

laiton : 2550

Inox : 2550I

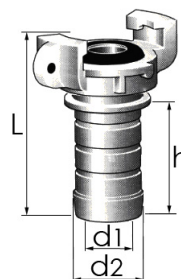


| DN     | d1 | f  | h  | L  |
|--------|----|----|----|----|
| 3/8"   | 7  | 16 | 24 | 48 |
| 1/2"   | 15 | 16 | 22 | 45 |
| 3/4"   | 15 | 16 | 22 | 45 |
| 1"     | 24 | 16 | 23 | 51 |
| 1 1/4" | 24 | 19 | 27 | 55 |

### DEMI-RACCORD À COLLERETTE À DOUILLE ANNELÉE

laiton : 2556

Inox : 2556I



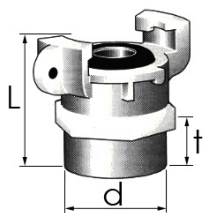
| DN | d1 | d2 | h  | L  |
|----|----|----|----|----|
| 9  | -  | -  | -  | -  |
| 11 | 7  | 11 | 41 | 68 |
| 13 | 7  | 15 | 45 | 76 |
| 16 | 11 | 18 | 45 | 76 |
| 19 | 13 | 21 | 45 | 76 |
| 22 | 19 | 24 | 45 | 76 |
| 25 | 19 | 28 | 45 | 76 |

### DEMI-RACCORD À DOUILLE FILETÉE FEMELLE

Pas du GAZ selon NFE 03-005

laiton : 2551

Inox : 2551I

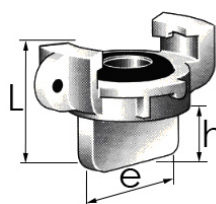


| DN   | d  | t  | l  |
|------|----|----|----|
| 3/8" | 22 | 23 | 44 |
| 1/2" | 27 | 13 | 44 |
| 3/4" | 37 | 18 | 51 |
| 1"   | 37 | 20 | 51 |

### BOUCHON EXPRESS AVEC CHAÎNE OU CÂBLE INOX

laiton : 2557

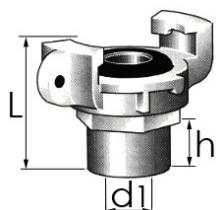
Inox : 2557I



| DN | d1 | f  | h  |
|----|----|----|----|
| -  | 39 | 18 | 41 |

### DEMI-RACCORD À DOUILLE À SOUDER

Inox : 2551W



| DN     | d1 | h  | L  |
|--------|----|----|----|
| Ø 26.9 | 15 | 16 | 45 |
| Ø 33.7 | 24 | 16 | 51 |
| Ø 36.8 | 24 | 16 | 51 |

### JOINT CAOUTCHOUC POUR RACCORD EXPRESS

réf. 2558



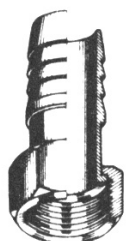
Joint caoutchouc

Sur demande :

- Viton®
- PTFE

### ADAPTATEUR ÉCROU TOURNANT FEMELLE - CANNELÉ

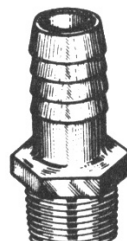
réf. 2559F



| DN | Ø s/crans | Filetage |
|----|-----------|----------|
| 8  | 9.5       | 8 x 13   |
| 12 | 13.5      | 12 x 17  |
| 15 | 17        | 15 x 21  |
| 20 | 21        | 20 x 27  |
| 26 | 28        | 26 x 34  |
| 33 | 36        | 33 x 42  |
| 40 | 44        | 40 x 49  |
| 50 | 54        | 50 x 60  |

### ADAPTATEUR HEXAGONAL MALE - CANNELÉ

réf. 2559M



| DN | Ø s/crans | Filetage |
|----|-----------|----------|
| 8  | 9.5       | 8 x 13   |
| 12 | 13.5      | 12 x 17  |
| 15 | 17        | 15 x 21  |
| 20 | 21        | 20 x 27  |
| 26 | 28        | 26 x 34  |
| 33 | 36        | 33 x 42  |
| 40 | 44        | 40 x 49  |
| 50 | 54        | 50 x 60  |

## RACCORDS À CAMES

Conforme à la «Military specification : MIL-C-27 487» et EN 14420-7

Matière : inox 316 - réf. 2548

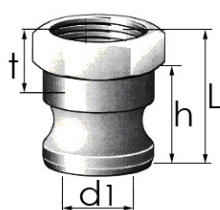
Variante aluminium : réf. 25480 / bronze : réf. 25481

Joint standard : BUNA (Ts = 60°C) (sur demande : EPDM, PTFE, Viton®)

## ADAPTATEUR FEMELLE

réf. 2548A

Filet femelle BSPP (pas du gaz cylindrique selon EN 14420-7)

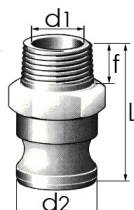


| DN     | d1  | h    | t    | L  |
|--------|-----|------|------|----|
| 1/2"   | 15  | 25   | 12.5 | 31 |
| 3/4"   | 20  | 26.5 | 17   | 37 |
| 1"     | 24  | 33.5 | 22   | 46 |
| 1 1/4" | 30  | 40   | 22   | 54 |
| 1 1/2" | 37  | 41   | 25   | 55 |
| 2"     | 44  | 48.5 | 25   | 61 |
| 2 1/2" | 73  | 51   | 31   | 70 |
| 3"     | 95  | 54   | 35   | 79 |
| 4"     | 150 | 58   | -    | 75 |

## ADAPTATEUR MALE

réf. 2548F

Filet mâle BSPT (pas du gaz conique selon EN 14420-7)

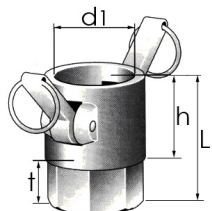


| DN     | d1  | d2    | f  | L   |
|--------|-----|-------|----|-----|
| 1/2"   | 15  | 24    | 13 | 44  |
| 3/4"   | 20  | 32    | 16 | 53  |
| 1"     | 24  | 36.7  | 19 | 65  |
| 1 1/4" | 30  | 45.5  | 20 | 74  |
| 1 1/2" | 37  | 53.3  | 22 | 77  |
| 2"     | 44  | 63    | 25 | 86  |
| 2 1/2" | 73  | 91.5  | 32 | 102 |
| 3"     | 95  | 119.6 | 43 | 123 |
| 4"     | 150 | 176   | -  | -   |

## COUPLEUR FEMELLE

réf. 2548D

Filet femelle BSPP (pas du gaz cylindrique selon EN 14420-7)

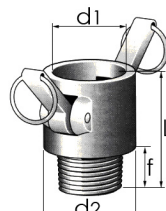


| DN     | d1    | h    | t  | L    |
|--------|-------|------|----|------|
| 1/2"   | 24.4  | 28.5 | 17 | 45.5 |
| 3/4"   | 32.4  | 33   | 17 | 50   |
| 1"     | 37.2  | 40   | 20 | 60   |
| 1 1/4" | 46    | 44   | 22 | 66   |
| 1 1/2" | 54.5  | 47.5 | 22 | 69.5 |
| 2"     | 63.7  | 52   | 26 | 73   |
| 2 1/2" | 92.2  | 59   | 35 | 96   |
| 3"     | 120.2 | 63   | 31 | 92   |
| 4"     | 176.5 | 68   | -  | -    |

## COUPLEUR MALE

réf. 2548B

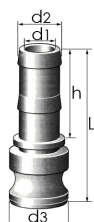
Filet mâle BSPT (pas du gaz conique selon EN 14420-7)



| DN     | d1    | d2   | f  | L    |
|--------|-------|------|----|------|
| 1/2"   | 24.4  | 32   | 15 | 45.5 |
| 3/4"   | 32.4  | 41   | 15 | 50   |
| 1"     | 37.2  | 46   | 19 | 60   |
| 1 1/4" | 46    | 57   | 20 | 66   |
| 1 1/2" | 54.5  | 65.5 | 20 | 69   |
| 2"     | 63.7  | 74.7 | 22 | 77   |
| 2 1/2" | 92.2  | 104  | 27 | 89   |
| 3"     | 120.2 | 138  | 29 | 92   |
| 4"     | 176.5 | -    | -  | -    |

## ADAPTATEUR CANNELE

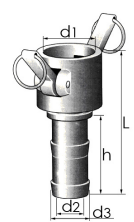
réf. 2548E



| DN     | d1   | d2   | d3    | h   | L   |
|--------|------|------|-------|-----|-----|
| 1/2"   | 8    | 15   | 24    | 35  | 60  |
| 3/4"   | 14   | 21   | 32    | 61  | 100 |
| 1"     | 20.4 | 27.6 | 36.7  | 52  | 92  |
| 1 1/4" | 24.3 | 34.3 | 45.5  | 73  | 129 |
| 1 1/2" | 30   | 40.5 | 53.3  | 61  | 116 |
| 2"     | 42.4 | 53.5 | 63    | 69  | 118 |
| 2 1/2" | 69   | 79.4 | 91.5  | 104 | 171 |
| 3"     | 91   | 104  | 119.6 | 106 | 182 |
| 4"     | 140  | 156  | 176   | 172 | 247 |

## COUPLEUR CANNELE

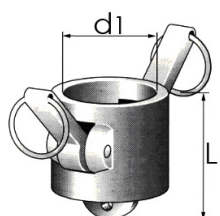
réf. 2548C



| DN     | d1    | d2   | d3   | h    | L    |
|--------|-------|------|------|------|------|
| 1/2"   | 24.4  | 9.5  | 15.5 | 43   | 77.5 |
| 3/4"   | 32.4  | 14   | 21.4 | 46.6 | 87   |
| 1"     | 37.2  | 19.5 | 27.4 | 57   | 104  |
| 1 1/4" | 46    | 25   | 34.1 | 59   | 111  |
| 1 1/2" | 54.5  | 31   | 40   | 54   | 111  |
| 2"     | 63.7  | 44   | 53.2 | 69   | 129  |
| 2 1/2" | 92.2  | 69   | 79.4 | 104  | 172  |
| 3"     | 120.2 | 91   | 104  | 106  | 172  |
| 4"     | 176.5 | 140  | 156  | 172  | 240  |

## BOUCHON FEMELLE

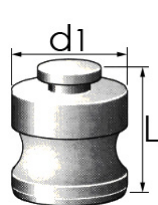
réf. 2548DC



| DN     | d1    | L    |
|--------|-------|------|
| 1/2"   | 24.4  | 40.5 |
| 3/4"   | 32.4  | 45   |
| 1"     | 37.2  | 51   |
| 1 1/4" | 46    | 56   |
| 1 1/2" | 54.5  | 59.5 |
| 2"     | 63.7  | 64   |
| 2 1/2" | 92.2  | 73   |
| 3"     | 120.2 | 76   |
| 4"     | 176.5 | 80   |

## BOUCHON MALE

réf. 2548DP



| DN     | d1    | L    |
|--------|-------|------|
| 1/2"   | 24    | 32.5 |
| 3/4"   | 32    | 34   |
| 1"     | 36.7  | 43   |
| 1 1/4" | 45.5  | 50   |
| 1 1/2" | 53.3  | 53   |
| 2"     | 63    | 60   |
| 2 1/2" | 91.5  | 65   |
| 3"     | 119.6 | 66   |
| 4"     | 176   | 74   |

## ADAPTATEUR À SOUDER

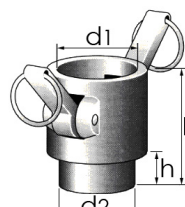
réf. 2548AW



| DN     | d1   | d2    | d3    | h    | L    |
|--------|------|-------|-------|------|------|
| 1/2"   | 17   | 24    | 24    | -    | 32.5 |
| 3/4"   | 20   | 27    | 32    | 8    | 37   |
| 1"     | 24   | 34.7  | 36.7  | 14.5 | 49   |
| 1 1/4" | 28   | 42    | 45.5  | 12   | 52   |
| 1 1/2" | 37   | 48    | 53.3  | 11.4 | 55   |
| 2"     | 45.5 | 60    | 63    | 12   | 61   |
| 3"     | 74   | 88.5  | 91.5  | 5    | 67   |
| 4"     | 110  | 114.3 | 119.6 | 7    | 60   |
| 6"     | 152  | 168.3 | 176   | 11   | 69   |

## COUPLEUR À SOUDER

réf. 2548DW



| DN     | d1   | d2   | h  | L  |
|--------|------|------|----|----|
| 1"     | 37.2 | 34   | 19 | 60 |
| 1 1/4" | 46   | 42   | 20 | 66 |
| 1 1/2" | 54.5 | 48.3 | 22 | 69 |
| 2"     | 63.7 | 60   | 22 | 77 |



## DEMI-RACCORDS

Dimensions en mm

## DEMI-RACCORDS SYMÉTRIQUES GUILLEMIN

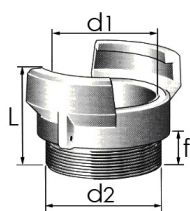
Suivant norme NF E29-572:2020 - PN 16

Filetage selon NF EN ISO 228-1

Matériau : bronze ou alliage d'aluminium, ou inox 316 L (suivant norme NF EN 10088)

DEMI-RACCORD SANS  
VERROU, À BOURRELET,  
À DOUILLE FILETÉE MALE

boîte symétrique sans verrou mâle

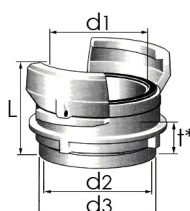


| DN  | d1  | d2       | f  | L   | Poids (kg) |
|-----|-----|----------|----|-----|------------|
| 15  | 15  | G 1/2"   | 10 | 36  | 0.2        |
| 20  | 19  | G 3/4"   | 10 | 42  | 0.25       |
| 25  | 26  | G 1"     | 15 | 51  | 0.2        |
| 32  | 28  | G 1 1/4" | 17 | 52  | 0.4        |
| 40  | 40  | G 1 1/2" | 18 | 59  | 0.45       |
| 50  | 56  | G 2"     | 18 | 66  | 0.6        |
| 65  | 70  | G 2 1/2" | 22 | 70  | 0.9        |
| 80  | 80  | G 3"     | 26 | 82  | 1.25       |
| 100 | 100 | G 4"     | 33 | 100 | 2.0        |

Bze : 2500  
Alu : 2520  
Inox : 2540

DEMI-RACCORD AVEC  
VERROU, À DOUILLE  
FILETÉE FEMELLE

jonction symétrique à verrou femelle



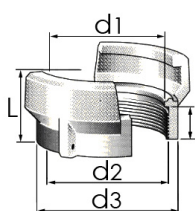
| DN  | d1 | d2       | d3  | t* | L  | Poids (kg) |
|-----|----|----------|-----|----|----|------------|
| 15  | 15 | G 1/2"   | 26  | 18 | 69 | 0.15       |
| 20  | 19 | G 3/4"   | 32  | 16 | 73 | 0.4        |
| 25  | 23 | G 1"     | 39  | 23 | 82 | 0.5        |
| 32  | 28 | G 1 1/4" | 48  | 20 | 82 | 0.5        |
| 40  | 38 | G 1 1/2" | 56  | 18 | 75 | 0.7        |
| 50  | 48 | G 2"     | 64  | 20 | 72 | 0.8        |
| 65  | 64 | G 2 1/2" | 75  | 20 | 68 | 1.2        |
| 80  | 80 | G 3"     | 95  | 27 | 82 | 1.1        |
| 90  | 90 | G 3"     | 100 | 28 | 88 | 1.3        |
| 100 | 98 | G 4"     | 117 | 31 | 85 | 1.9        |

\* profondeur de taradage

Bze : 2503  
Alu : 2523  
Inox : 2543

DEMI-RACCORD SANS  
VERROU, À BOURRELET,  
À DOUILLE FILETÉE FEMELLE

boîte symétrique sans verrou femelle

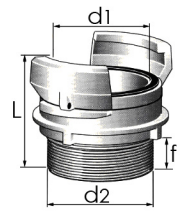


| DN  | d1 | d2       | d3  | t  | L  | Poids (kg) |
|-----|----|----------|-----|----|----|------------|
| 15  | 15 | G 1/2"   | 25  | 12 | 36 | 0.2        |
| 20  | 23 | G 3/4"   | 33  | 20 | 47 | 0.15       |
| 25  | 26 | G 1"     | 36  | 17 | 34 | 0.2        |
| 32  | 32 | G 1 1/4" | 48  | 17 | 52 | 0.3        |
| 40  | 40 | G 1 1/2" | 54  | 16 | 40 | 0.3        |
| 50  | 50 | G 2"     | 68  | 18 | 47 | 0.35       |
| 65  | 64 | G 2 1/2" | 82  | 26 | 54 | 0.6        |
| 80  | 80 | G 3"     | 101 | 24 | 56 | 0.9        |
| 100 | 98 | G 4"     | 122 | 32 | 65 | 1.2        |

Bze : 2501  
Alu : 2521  
Inox : 2541

DEMI-RACCORD AVEC  
VERROU, À DOUILLE  
FILETÉE MALE

jonction symétrique à verrou mâle

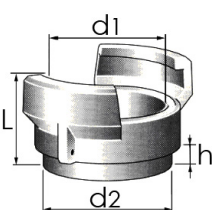


| DN  | d1 | d2       | f  | L   | Poids (kg) |
|-----|----|----------|----|-----|------------|
| 15  | 15 | G 1/2"   | 13 | 51  | 0.1        |
| 20  | 19 | G 3/4"   | 14 | 57  | 0.2        |
| 25  | 23 | G 1"     | 15 | 59  | 0.3        |
| 32  | 28 | G 1 1/4" | 18 | 70  | 0.2        |
| 40  | 38 | G 1 1/2" | 18 | 73  | 0.6        |
| 50  | 48 | G 2"     | 22 | 87  | 1.0        |
| 65  | 62 | G 2 1/2" | 32 | 96  | 1.4        |
| 80  | 80 | G 3"     | 27 | 102 | 1.6        |
| 100 | 98 | G 4"     | 35 | 116 | 2.7        |

Bze : 2502  
Alu : 2522  
Inox : 2542

DEMI-RACCORD SANS  
VERROU, À BOURRELET,  
À DOUILLE À SOUDER

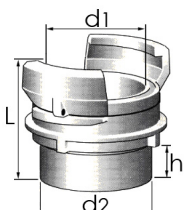
Inox : 2541W



| DN  | d1  | d2  | h  | L  | Poids (kg) |
|-----|-----|-----|----|----|------------|
| 15  | 14  | 21  | 12 | 35 | 0.15       |
| 20  | 19  | 27  | 12 | 53 | 0.2        |
| 25  | 26  | 34  | 17 | 51 | 0.2        |
| 32  | 32  | 42  | 17 | 52 | 0.3        |
| 40  | 40  | 48  | 19 | 59 | 0.4        |
| 50  | 56  | 60  | 20 | 66 | 0.6        |
| 65  | 64  | 76  | 28 | 75 | 0.95       |
| 80  | 82  | 89  | 14 | 70 | 1.1        |
| 100 | 103 | 113 | 34 | 98 | 2.1        |

DEMI-RACCORD AVEC  
VERROU, À BOURRELET,  
À DOUILLE À SOUDER

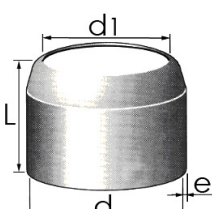
Inox : 2543W



| DN  | d1  | d2  | h  | L   | Poids (kg) |
|-----|-----|-----|----|-----|------------|
| 65  | 64  | 75  | 33 | 96  | 1.0        |
| 80  | 80  | 89  | 27 | 102 | 1.8        |
| 100 | 100 | 114 | 36 | 116 | 2.8        |

## JUPE DE SERTISSAGE

Bze : 2504  
Alu : 2524  
Inox : 2544

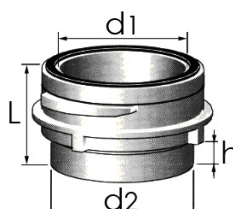


\* inox 304

| DN  | d   | d1   | e   | L  |
|-----|-----|------|-----|----|
| 25  | 42  | 27.5 | 1.5 | 42 |
| 32  | 50  | 36.5 | 2   | 44 |
| 40  | 56  | 43.5 | 2   | 52 |
| 50  | 66  | 55   | 2   | 63 |
| 65  | 85  | 68   | 2   | 73 |
| 80  | 101 | 83.5 | 2   | 75 |
| 80  | 104 | 83.5 | 2   | 75 |
| 100 | 126 | 107  | 2   | 87 |
| 100 | 130 | 107  | 2   | 87 |

DEMI-RACCORD SANS  
COQUILLE AVEC VERROU,  
À DOUILLE À SOUDER

Bze : 2505  
Alu : 2525  
Inox : 2545



| DN  | d1  | d2  | h  | L  | Poids (kg) |
|-----|-----|-----|----|----|------------|
| 80  | 80  | 89  | 12 | 61 | 1.0        |
| 100 | 100 | 114 | 16 | 68 | 1.9        |

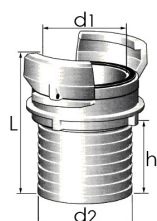
## DEMI-RACCORDS

Dimensions en mm

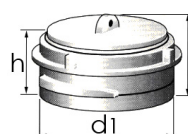
## DEMI-RACCORDS SYMÉTRIQUES GUILLEMIN

Joints de raccords : butadiène nitrile-acrylique (standard)

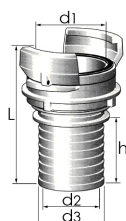
Variantes : nitrile blanc alimentaire, Viton®, PTFE, EPDM

DEMI-RACCORD AVEC  
VERROU,  
À DOUILLE CRANTÉEBze : 2506  
Alu : 2526  
Inox : 2546

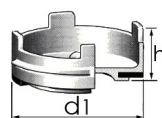
| DN  | d1 | d2  | h  | L   | Poids (kg) |
|-----|----|-----|----|-----|------------|
| 15  | 15 | 20  | 30 | 66  | 0.10       |
| 20  | 19 | 25  | 32 | 76  | 0.20       |
| 25  | 23 | 30  | 32 | 76  | 0.25       |
| 32  | 28 | 35  | 33 | 78  | 0.30       |
| 40  | 32 | 45  | 38 | 94  | 0.50       |
| 50  | 48 | 55  | 52 | 118 | 0.90       |
| 65  | 62 | 70  | 52 | 119 | 1.35       |
| 80  | 80 | 90  | 70 | 142 | 2.10       |
| 100 | 98 | 110 | 83 | 166 | 3.30       |

BOUCHON AVEC VERROU,  
AVEC CHAINETTE OU  
CÂBLE INOXBze : 2507  
Alu : 2527  
Inox : 2547

| DN  | d1  | h  | L  | Poids (kg) |
|-----|-----|----|----|------------|
| 15  | 25  | 26 | 36 | 0.13       |
| 20  | 31  | 32 | 44 | 0.17       |
| 25  | 36  | 32 | 44 | 0.19       |
| 32  | 41  | 33 | 45 | 0.25       |
| 40  | 34  | 39 | 51 | 0.28       |
| 50  | 68  | 42 | 54 | 0.44       |
| 65  | 83  | 46 | 58 | 0.62       |
| 80  | 101 | 51 | 63 | 0.84       |
| 100 | 122 | 55 | 67 | 1.06       |

DEMI-RACCORD AVEC  
VERROU,  
À DOUILLE RÉDUITEBze : 2506R  
Alu : 2526R  
Inox : 2546R

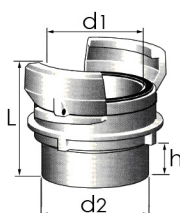
| DN  | d1  | d2 | d3  | h  | L   | Poids (kg) |
|-----|-----|----|-----|----|-----|------------|
| 40  | 38  | 30 | 40  | 38 | 94  | 0.6        |
| 50  | 48  | 42 | 51  | 44 | 118 | 1.1        |
| 65  | 65  | 57 | 65  | 51 | 129 | 1.3        |
| 80  | 80  | 65 | 75  | 77 | 167 | 2.3        |
| 100 | 100 | 88 | 100 | 75 | 173 | 3.3        |

BOUCHON PLAT  
CADENASSABLE AVEC  
CHAINETTE OU CÂBLE INOXBze : 2508  
Alu : 2528  
Inox : 2548

| DN | d1  | h  | Poids (kg) |
|----|-----|----|------------|
| 40 | 54  | 31 | 0.35       |
| 80 | 101 | 42 | 0.66       |

DEMI-RACCORD AVEC  
VERROU,  
À DOUILLE À SOUDER

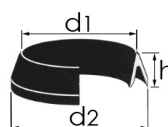
Inox : 2546W



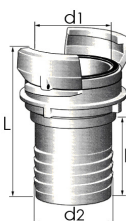
| DN  | d1 | d2  | h  | L   | Poids (kg) |
|-----|----|-----|----|-----|------------|
| 15  | 15 | 21  | 15 | 51  | 0.20       |
| 20  | 19 | 26  | 15 | 57  | 0.30       |
| 25  | 23 | 33  | 16 | 59  | 0.35       |
| 32  | 28 | 33  | 11 | 55  | 0.35       |
| 40  | 38 | 48  | 20 | 73  | 0.40       |
| 50  | 48 | 60  | 24 | 87  | 0.90       |
| 65  | 62 | 75  | 33 | 96  | 1.40       |
| 80  | 80 | 89  | 27 | 102 | 1.80       |
| 100 | 98 | 114 | 35 | 116 | 2.70       |

JOINT POUR DOUILLE  
À SERTIR

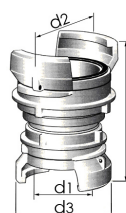
Inox : 2509



| DN  | d1  | d2  | h  |
|-----|-----|-----|----|
| 32  | 38  | 50  | 19 |
| 40  | 45  | 56  | 18 |
| 50  | 53  | 66  | 22 |
| 65  | 68  | 83  | 24 |
| 80  | 84  | 100 | 26 |
| 100 | 107 | 123 | 30 |

DEMI-RACCORD AVEC  
VERROU,  
À DOUILLE HÉLICOÏDALEBze : 2506H  
Alu : 2526H  
Inox : 2546H

| DN | d1 | d2    | h   | L   | Poids (kg) |
|----|----|-------|-----|-----|------------|
| 25 | 24 | 28    | 50  | 94  | 0.32       |
| 32 | 28 | 35.5  | 54  | 106 | 0.39       |
| 40 | 38 | 43.5  | 60  | 115 | 0.63       |
| 50 | 50 | 53.5  | 68  | 142 | 1.15       |
| 65 | 63 | 67    | 80  | 155 | 1.60       |
| 80 | 80 | 83.2  | 85  | 167 | 2.40       |
| 80 | 96 | 106.5 | 101 | 198 | 3.60       |

JONCTION BI-SYMMÉTRIQUE  
AVEC VERROUSBze : 2510  
Alu : 2530  
Inox : 2530I

| DN     | d1 | d2  | d3  | L   | Poids (kg) |
|--------|----|-----|-----|-----|------------|
| 20/40  | 19 | 70  | 46  | 141 | 0.99       |
| 25/40  | 23 | 70  | 42  | 102 | 1.10       |
| 32/40  | 28 | 70  | 58  | 102 | 1.00       |
| 40/50  | 38 | 88  | 70  | 122 | 1.54       |
| 40/65  | 38 | 104 | 70  | 124 | 1.98       |
| 40/80  | 38 | 126 | 70  | 145 | 1.87       |
| 40/100 | 38 | 146 | 70  | 205 | 2.75       |
| 50/65  | 48 | 104 | 88  | 125 | 2.42       |
| 50/80  | 48 | 126 | 88  | 145 | 2.31       |
| 50/100 | 48 | 146 | 88  | 230 | 3.19       |
| 65/80  | 62 | 126 | 104 | 150 | 2.75       |
| 65/100 | 62 | 146 | 104 | 225 | 3.63       |
| 80/90  | 79 | 137 | 125 | 230 | 2.97       |
| 80/100 | 79 | 146 | 125 | 183 | 3.85       |

# RACCORDS DOUBLE BAGUE

Dimensions en mm

## RACCORDS DOUBLE BAGUE

Matériau : inox 316 et laiton en standard (inox 316 L, autres matériaux sur demande)

Disponible en métrique : 3 à 25 mm et « OD » (pouces) 1/16" à 1"

Filetage : pas du gaz conique en standard (NPT sur demande)

Désignation d'un raccord : réf. 2490 LF = coude femelle

réf. 2490



### ADAPTATEUR FEMELLE

AF



### COUDE FEMELLE

LF



### COUDE À SOUDER

LBW



### RACCORD FEMELLE AVEC TRAVERSÉE DE CLOISON

BCF



### UNION AVEC TRAVERSÉE DE CLOISON

BU



### ÉCROU

N



### CROIX

C



### RACCORD À SOUDER

CBW



### RACCORD FEMELLE

CF

réf. 2490 F [NPT]

réf. 2490 G [Gaz]



### TÉ RACCORD FEMELLE

TTF



### OBTURATEUR BOUT DE TUBE

CP



### FERRULE AVANT / ARRIÈRE

FF / FR



### RACCORD AVEC RÉDUCTION

R



### ADAPTATEUR MÂLE

AM

réf. 2490 K



### COUDE MÂLE

LM

réf. 2490 H [NPT]

réf. 2490 J [Gaz]



### COUDE UNION

LU

réf. 2490 C



### RACCORD MÂLE AVEC TRAVERSÉE DE CLOISON

BCM



### ADAPTATEUR AVEC TRAVERSÉE DE CLOISON

BA



### OBTURATEUR DE RACCORD

P



### TÉ AVEC RACCORD FEMELLE

TFT



### INSERT

TI



### RACCORD MÂLE

CM

réf. 2490 D [NPT]

réf. 2490 E [Gaz]



### TÉ RACCORD MÂLE

TMF



### EMBOUT

PC



### TÉ UNION

TTT

réf. 2490 B



### RACCORD UNION

U

réf. 2490 A

## RUBANS PTFE

réf. 1717



Ruban PTFE pour l'étanchéité et la suppression du grippage sur tous types de filetages

Température : -260°C +260°C  
Tenue à la pression : 15 bar  
Densité : 0.4

- Dimensions standard : réf. 1717.12 BL  
12 mm x 12 m x 0.075 mm  
(préconisé pour  $\varnothing < 3/8''$ )
- Épaisseur supérieure : réf. 1717.12 RO  
12 mm x 12 m x 0.1 mm  
(préconisé pour  $\varnothing 3/8''$  à  $1''1/4$ )
- Spécial gros diamètres (cache vert) :  
19 mm x 15 m x 0.2 mm ( $\varnothing 1''1/2$  à  $2''1/2$ ) : réf. 1717.19 VE  
25 mm x 15 m x 0.2 mm ( $\varnothing > 2''1/2$ ) : réf. 1717.25 JA

## RUBAN PTFE SPECIAL GAZ &amp; VAPEUR

réf. 1717



Ruban PTFE pour filetage

Température : -260°C +260°C  
Densité : 1

Spécial gaz et vapeur, haute densité

- 12 mm x 30 m x 0.1 mm : réf. 1717.12 HD
- 19 mm x 30 m x 0.1 mm : réf. 1717.19 HD

## RUBAN PTFE SPECIAL OXYGENE

réf. 1717



Ruban PTFE pour filetage

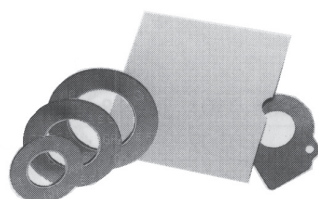
Température : -260°C +260°C  
Densité : 1

Spécial oxygène, haute densité  
Non oxydable, résistant à l'oxygène liquide ou gazeux

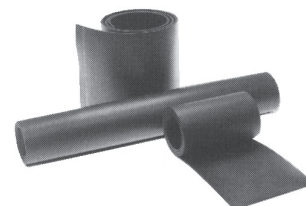
- 12 mm x 30 m x 0.1 mm : réf. 1717.12 OX
- 19 mm x 30 m x 0.1 mm : réf. 1717.19 OX

## JOINTS ET AUTRES PRODUITS D'ÉTANCHÉITÉ

## Tresses

Plaques et joints découpés  
à base de fibres et élastomères  
comprimés

## Feuilles élastomères

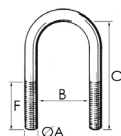


# ÉTRIERS ET COLLIERS

Dimensions en mm

## ÉTRIERS ET COLLIERS DE FIXATION ACIER OU INOX

### ÉTRIER ACIER



- Collier de serrage pour fixation de tube
- Livré avec 2 écrous

Matière : acier bichromaté

réf. 1700

|             |      |      |      |      |      |        |        |      |        |        |      |        |        |
|-------------|------|------|------|------|------|--------|--------|------|--------|--------|------|--------|--------|
| Ø int. tube | 1/4" | 3/8" | 1/2" | 3/4" | 1"   | 1 1/4" | 1 1/2" | 2"   | 2 1/4" | 2 1/2" | 3"   | 3 1/2" | 3 1/2" |
| Ø ext. tube | 13   | 17   | 21   | 27   | 34   | 42     | 49     | 60   | 70     | 76     | 90   | 102    | 108    |
| A           | 5    | 6    | 6    | 8    | 8    | 8      | 8      | 8    | 10     | 10     | 10   | 10     | 12     |
| B           | 14   | 18   | 22   | 28   | 35   | 43     | 50     | 61   | 72     | 78     | 92   | 104    | 110    |
| C           | 28   | 36   | 40   | 50   | 55   | 68     | 70     | 80   | 100    | 110    | 115  | 145    | 150    |
| F           | 20   | 22   | 22   | 30   | 30   | 35     | 35     | 35   | 38     | 45     | 45   | 50     | 50     |
| Poids (kg)  | 0.01 | 0.02 | 0.02 | 0.04 | 0.05 | 0.06   | 0.06   | 0.07 | 0.13   | 0.14   | 0.15 | 0.18   | 0.27   |

|             |      |        |      |        |      |      |      |      |      |      |      |      |      |
|-------------|------|--------|------|--------|------|------|------|------|------|------|------|------|------|
| Ø int. tube | 4"   | 4 3/4" | 5"   | 5 1/2" | 6"   | 7"   | 8"   | 10"  | 12"  | 14"  | 16"  | 18"  | 20"  |
| Ø ext. tube | 114  | 133    | 140  | 158    | 168  | 193  | 220  | 273  | 323  | 355  | 406  | 457  | 508  |
| A           | 12   | 12     | 14   | 14     | 16   | 16   | 16   | 16   | 18   | 18   | 18   | 20   | 20   |
| B           | 116  | 135    | 142  | 160    | 170  | 195  | 222  | 275  | 325  | 357  | 408  | 459  | 510  |
| C           | 156  | 180    | 185  | 200    | 210  | 232  | 270  | 315  | 371  | 408  | 463  | 519  | 570  |
| F           | 55   | 65     | 70   | 70     | 70   | 60   | 60   | 60   | 70   | 75   | 80   | 80   | 85   |
| Poids (kg)  | 0.27 | 0.32   | 0.55 | 0.58   | 0.81 | 0.90 | 1.06 | 1.27 | 1.86 | 2.03 | 2.29 | 3.22 | 3.55 |

### ÉTRIER INOX



- Collier de serrage pour fixation de tube
- Livré avec 2 écrous

Matière : inox 304

réf. 1700I

|             |      |      |      |      |      |        |        |      |        |      |        |      |
|-------------|------|------|------|------|------|--------|--------|------|--------|------|--------|------|
| Ø int. tube | 1/4" | 3/8" | 1/2" | 3/4" | 1"   | 1 1/4" | 1 1/2" | 2"   | 2 1/2" | 3"   | 3 1/2" | 4"   |
| Ø ext. tube | 13   | 17   | 21   | 27   | 34   | 42     | 49     | 60   | 76     | 89   | 102    | 114  |
| A           | 6    | 6    | 6    | 8    | 8    | 8      | 8      | 8    | 8      | 10   | 10     | 10   |
| C           | 38   | 36   | 40   | 50   | 55   | 68     | 70     | 80   | 100    | 115  | 132    | 156  |
| Poids (kg)  | 0.02 | 0.02 | 0.02 | 0.05 | 0.06 | 0.07   | 0.07   | 0.08 | 0.09   | 0.18 | 0.19   | 0.21 |

|             |      |      |      |      |      |      |     |      |     |     |     |     |     |
|-------------|------|------|------|------|------|------|-----|------|-----|-----|-----|-----|-----|
| Ø int. tube | 5"   | 6"   | 7"   | 8"   | 9"   | 10"  | 12" | 14"  | 16" | 18" | 20" | 22" | 24" |
| Ø ext. tube | 139  | 168  | 193  | 219  | 244  | 273  | 324 | 355  | 406 | 458 | 508 | 558 | 610 |
| A           | 10   | 12   | 12   | 14   | 14   | 14   | 16  | 18   | 18  | 18  | 20  | 20  | 20  |
| C           | 174  | 203  | 228  | 254  | 289  | 318  | 369 | 400  | 451 | 503 | 553 | 628 | 670 |
| Poids (kg)  | 0.29 | 0.41 | 0.54 | 0.71 | 0.78 | 0.84 | 1.6 | 2.05 | 2.5 | 2.7 | 4.5 | 6.5 | 7.3 |

### COLLIER DE SERRAGE À VIS INOX



Collier de serrage à vis avec écrou soudé M8

Matière : inox

Très nombreuses plages de serrage (3/8" - 8")

réf. 1704I

### COLLIER DE SERRAGE



Collier de serrage à bande pour usages multiples

Matière : acier zingué

Très nombreuses plages de serrage

- Réf. 1705 : collier Serflex (largeur bande 5 mm)
- Réf. 1706 : collier Serflex (largeur bande 8 mm)
- Réf. 1705 i et 1706 i : variantes tout inox

réf. 1705

réf. 1706

### COLLIER DE SERRAGE



Collier de serrage livré avec tête et bande séparées

Collier en acier zingué

Très nombreuses plages de serrage

- Réf. 1707 : collier Serflex (largeur bande 14 mm)
- Réf. 1707 i : variante tout inox

réf. 1707

### COLLIER TOURILLON INOX



Collier très résistant à usage multiple, pour fortes pressions et serrage important

Collier en inox 304

Très nombreuses plages de serrage

Largeur de bande : 18 mm / 20 mm / 25 mm

réf. 1708I





# Solyro

A RUBIX  
Company

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