



**DMH**

L K F l u i d



# RACCORDS ORFS



[www.dmhfrance.com](http://www.dmhfrance.com)

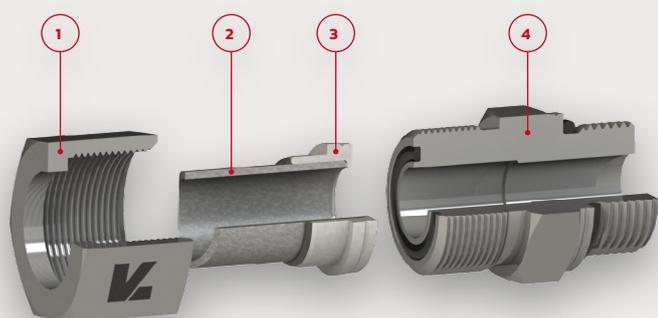
**SOMMAIRE**

| REFERENCE  | PAGE           | REFERENCE  | PAGE           |
|--|----------------|--|----------------|
| CARACTERISTIQUES TECHNIQUES - ORFS   | <b>ORFS 4</b>  |  TE EGAL PASSE-CLOISON                | <b>ORFS 13</b> |
| CARACTERISTIQUES IMPLANTATIONS   | <b>ORFS 5</b>  |  TE RENVERSE PASSE-CLOISON            | <b>ORFS 14</b> |
|  ECROU                          | <b>ORFS 8</b>  |  CONTRE-ECROU                         | <b>ORFS 14</b> |
|  MANCHETTE A BRASER             | <b>ORFS 8</b>  |  COUDE ORIENTABLE                     | <b>ORFS 14</b> |
|  EMBOUT MALE A SOUDER           | <b>ORFS 8</b>  |  TE ORIENTABLE                        | <b>ORFS 15</b> |
|  MANCHETTE A EVASER             | <b>ORFS 9</b>  |  TE ORIENTABLE RENVERSE              | <b>ORFS 15</b> |
|  BOUCHON MALE                  | <b>ORFS 9</b>  |  COUDE 45° ORIENTABLE                | <b>ORFS 15</b> |
|  BOUCHON FEMELLE              | <b>ORFS 9</b>  |  UNION MALE BSPP JE                 | <b>ORFS 16</b> |
|  ADAPTATEUR DE REDUCTION      | <b>ORFS 10</b> |  COUDE ORIENTABLE MALE BSPP         | <b>ORFS 16</b> |
|  UNION DOUBLE                 | <b>ORFS 10</b> |  COUDE 45° ORIENTABLE MALE BSPP     | <b>ORFS 17</b> |
|  COUDE EGAL                   | <b>ORFS 11</b> |  ADAPTATEUR TOURNANT / BSPP JE      | <b>ORFS 17</b> |
|  TE EGAL                      | <b>ORFS 11</b> |  TE ORIENTABLE MALE BSPP            | <b>ORFS 17</b> |
|  CROIX EGALE                  | <b>ORFS 11</b> |  TE ORIENTABLE RENVERSE MALE BSPP   | <b>ORFS 18</b> |
|  UNION DOUBLE PASSE-CLOISON   | <b>ORFS 12</b> |  UNION MALE METRIQUE DIN            | <b>ORFS 18</b> |
|  COUDE EGAL PASSE-CLOISON     | <b>ORFS 12</b> |  COUDE ORIENTABLE MALE METRIQUE DIN | <b>ORFS 18</b> |
|  COUDE 45° EGAL PASSE-CLOISON | <b>ORFS 12</b> |  UNION MALE METRIQUE ISO            | <b>ORFS 19</b> |
|  UNION MALE PASSE-CLOISON     | <b>ORFS 13</b> |  ADAPTATEUR TOURNANT / METRIQUE ISO | <b>ORFS 19</b> |

**SOMMAIRE**

|   | REFERENCE                                | PAGE           |   | REFERENCE                           | PAGE           |
|---|--|----------------|---|-------------------------------------|----------------|
|    | COUDE ORIENTABLE MALE METRIQUE ISO       | <b>ORFS 20</b> |  | ADAPTATEUR TOURNANT / MALE JIC 74°  | <b>ORFS 27</b> |
|    | TE ORIENTABLE MALE METRIQUE ISO          | <b>ORFS 20</b> |  | UNION MALE DIN 24°                  | <b>ORFS 28</b> |
|    | TE ORIENTABLE RENVERSE MALE METRIQUE ISO | <b>ORFS 21</b> |  | UNION FEMELLE DIN 24°               | <b>ORFS 28</b> |
|    | COUDE 45° ORIENTABLE MALE METRIQUE ISO   | <b>ORFS 21</b> |  | ADAPTATEUR EGAL / PRISE DE PRESSION | <b>ORFS 28</b> |
|    | UNION MALE SAE                           | <b>ORFS 22</b> |   |                                     |                |
|    | ADAPTATEUR TOURNANT / SAE                | <b>ORFS 22</b> |   |                                     |                |
|   | COUDE ORIENTABLE MALE SAE                | <b>ORFS 23</b> |   |                                     |                |
|  | COUDE 45° ORIENTABLE MALE SAE            | <b>ORFS 23</b> |   |                                     |                |
|  | TE ORIENTABLE MALE SAE                   | <b>ORFS 24</b> |   |                                     |                |
|  | TE ORIENTABLE RENVERSE MALE SAE          | <b>ORFS 24</b> |   |                                     |                |
|  | UNION MALE NPT                           | <b>ORFS 25</b> |   |                                     |                |
|  | COUDE MALE NPT                           | <b>ORFS 25</b> |   |                                     |                |
|  | UNION FEMELLE BSPP                       | <b>ORFS 26</b> |   |                                     |                |
|  | UNION FEMELLE / FEMELLE                  | <b>ORFS 26</b> |   |                                     |                |
|  | ADAPTATEUR TOURNANT / BSPP MANO          | <b>ORFS 26</b> |   |                                     |                |
|  | UNION MALE JIC 74°                       | <b>ORFS 27</b> |   |                                     |                |
|  | UNION FEMELLE JIC 74°                    | <b>ORFS 27</b> |   |                                     |                |

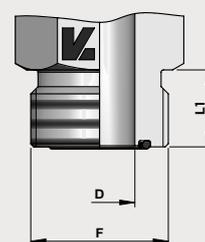
## CARACTERISTIQUES TECHNIQUES - ORFS



- 1 - ECROU ORFS
- 2 - TUBE HYDRAULIQUE
- 3 - MANCHETTE ORFS
- 4 - RACCORD ORFS

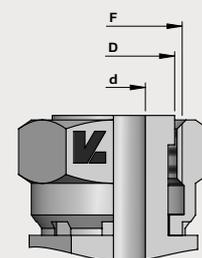
### MALE ORFS (ISO 8434-3 / SAE J1453)

| Ø Tube (mm) | F          | D    | L1   | JOINT      |
|-------------|------------|------|------|------------|
| 6           | 9/16" UNF  | 4,5  | 10,0 | 7,66X1,78  |
| 8-10        | 11/16" UN  | 6,5  | 11,0 | 9,25X1,78  |
| 12          | 13/16" UN  | 9,5  | 13,0 | 12,42X1,78 |
| 14-15-16    | 1" UNS     | 12,5 | 15,5 | 15,60X1,78 |
| 18-20       | 1"3/16 UN  | 15,5 | 17,0 | 18,77X1,78 |
| 22-25       | 1"7/16 UN  | 20,5 | 17,5 | 23,52X1,78 |
| 30-32       | 1"11/16 UN | 26,0 | 17,5 | 29,87X1,78 |
| 35-38       | 2" UN      | 32,0 | 17,5 | 37,82X1,78 |



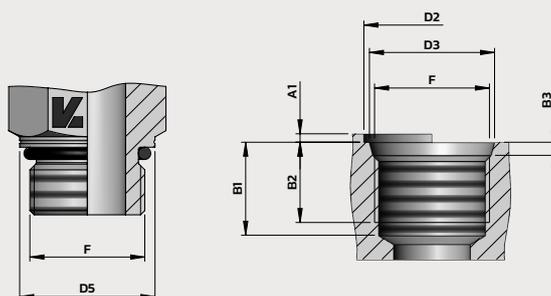
### ECROU TOURNANT ORFS (ISO 8434-3 / SAE J1453)

| Ø Tube (mm) | F          | d    | D min | Couple de serrage (N.m) |
|-------------|------------|------|-------|-------------------------|
| 6           | 9/16" UNF  | 4,0  | 12,6  | 25                      |
| 8-10        | 11/16" UN  | 6,5  | 15,6  | 40                      |
| 12          | 13/16" UN  | 9,0  | 18,75 | 65                      |
| 14-15-16    | 1" UNS     | 11,5 | 22,45 | 80                      |
| 18-20       | 1"3/16 UN  | 14,0 | 26,85 | 115                     |
| 22-25       | 1"7/16 UN  | 20,0 | 33,2  | 150                     |
| 30-32       | 1"11/16 UN | 26,0 | 39,55 | 190                     |
| 35-38       | 2" UN      | 32,0 | 47,5  | 245                     |



## CARACTERISTIQUES IMPLANTATIONS

- Implantation métrique : DIN ISO 6149
- Implantation UNF : SAE J 1926
- + Joint : Joint torique



Filetage métrique - DIN ISO 6149

| Filetage<br>F | Ø D5 | Ø D2* (mm) |          | Ø D3  | A1 maxi<br>(mm) | B1 mini<br>(mm) | B2 mini<br>(mm) | B3<br>(mm) | Ø sur filet |         | Joint<br>torique |
|---------------|------|------------|----------|-------|-----------------|-----------------|-----------------|------------|-------------|---------|------------------|
|               |      | sans id.   | avec id. |       |                 |                 |                 |            | Mâle        | Femelle |                  |
| M10X100       | 13,8 | 16         | 20       | 11,10 | 1,0             | 11,5            | 10,0            | 2,2        | 9,80        | 8,92    | 8,1X1,6          |
| M12X150       | 16,8 | 19         | 23       | 13,80 | 1,5             | 14,0            | 11,5            | 2,4        | 11,80       | 10,38   | 9,3X2,2          |
| M14X150       | 18,8 | 21         | 25       | 15,80 | 1,5             | 14,0            | 11,5            | 2,4        | 13,80       | 12,38   | 11,3X2,2         |
| M16X150       | 21,8 | 24         | 28       | 17,80 | 1,5             | 15,5            | 13,0            | 2,4        | 15,80       | 14,38   | 13,3X2,2         |
| M18X150       | 23,8 | 26         | 30       | 19,80 | 2,0             | 17,0            | 14,5            | 2,4        | 17,80       | 16,38   | 15,3X2,2         |
| M20X150       | 26,8 | 29         | 33       | 21,80 | 2,0             | -               | 14,5            | 2,4        | 19,80       | 18,38   | 17,3X2,2         |
| M22X150       | 26,8 | 29         | 33       | 23,80 | 2,0             | 18,0            | 15,5            | 2,4        | 21,80       | 20,38   | 19,3X2,2         |
| M27X200       | 31,8 | 34         | 40       | 29,40 | 2,0             | 22,0            | 19,0            | 3,1        | 26,80       | 24,84   | 23,6X2,9         |
| M30X200       | 35,8 | 38         | 44       | 32,40 | 2,0             | 22,0            | 19,0            | 3,1        | 29,80       | 27,84   | 26,6X2,9         |
| M33X200       | 40,8 | 43         | 49       | 35,40 | 2,5             | 22,0            | 19,0            | 3,1        | 32,80       | 30,84   | 29,6X2,9         |
| M42X200       | 49,8 | 52         | 58       | 44,40 | 2,5             | 22,5            | 19,5            | 3,1        | 41,80       | 39,84   | 38,6X2,9         |
| M48X200       | 54,8 | 57         | 63       | 50,40 | 2,5             | 25,0            | 22,0            | 3,1        | 47,80       | 45,84   | 44,6X2,9         |
| M60X200       | 64,8 | 67         | 74       | 62,40 | 2,5             | 27,5            | 24,5            | 3,1        | 59,80       | 57,84   | 56,6X2,9         |

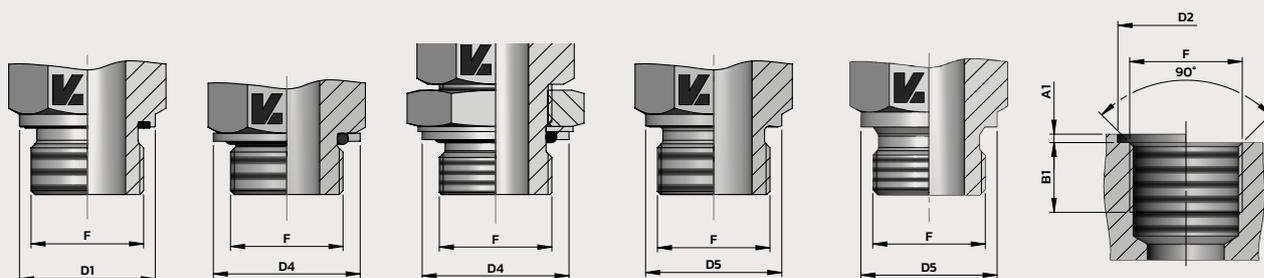
Filetage UNF - SAE J 1926

| Filetage<br>F | Ø D5 | Ø D2* (mm) |          | Ø D3  | A1 maxi<br>(mm) | B1 mini<br>(mm) | B2 mini<br>(mm) | B3<br>(mm) | Ø sur filet |         | Joint<br>torique |
|---------------|------|------------|----------|-------|-----------------|-----------------|-----------------|------------|-------------|---------|------------------|
|               |      | sans id.   | avec id. |       |                 |                 |                 |            | Mâle        | Femelle |                  |
| 7/16" UNF     | 13,8 | 21         | -        | 12,45 | 1,6             | 14,0            | 11,5            | 2,4        | 11,11       | 9,74    | 8,92X1,83        |
| 1/2" UNF      | 16,8 | 23         | -        | 14,05 | 1,6             | 14,0            | 11,5            | 2,4        | 12,70       | 11,30   | 10,52X1,83       |
| 9/16" UNF     | 16,8 | 25         | -        | 15,70 | 1,6             | 15,5            | 12,7            | 2,5        | 14,29       | 12,76   | 11,89X1,98       |
| 3/4" UNF      | 21,8 | 30         | -        | 20,65 | 2,4             | 17,5            | 14,3            | 2,5        | 19,05       | 17,33   | 16,36X2,21       |
| 7/8" UNF      | 26,8 | 34         | -        | 24,00 | 2,4             | 20,0            | 16,7            | 2,5        | 22,23       | 20,26   | 19,18X2,46       |
| 1"1/16 UN     | 31,8 | 41         | -        | 29,20 | 2,4             | 23,0            | 19,0            | 3,3        | 26,99       | 24,69   | 23,47X2,95       |
| 1"5/16 UN     | 40,8 | 49         | -        | 35,55 | 3,2             | 23,0            | 19,0            | 3,3        | 33,34       | 31,04   | 29,62X2,95       |
| 1"5/8 UN      | 49,8 | 58         | -        | 43,55 | 3,2             | 23,0            | 19,0            | 3,3        | 41,28       | 38,99   | 37,47X3,00       |
| 1"7/8 UN      | 54,8 | 65         | -        | 49,90 | 3,2             | 23,0            | 19,0            | 3,3        | 47,63       | 45,33   | 43,69X3,00       |

\* Valeurs de diamètre avec ou sans arête d'identification

**CARACTERISTIQUES IMPLANTATIONS**

|                       | Implantation<br>FORME E | Implantation<br>FORME G  | Implantation<br>FORME H  | Implantation<br>FORME B    | Implantation<br>FORME A   | Implantation<br>FORME X |
|-----------------------|-------------------------|--------------------------|--------------------------|----------------------------|---------------------------|-------------------------|
| <b>Etanchéité</b>     | Joint encastré          | Joint torique<br>+ bague | Joint torique<br>+ bague | Métal /<br>Métal sur arête | Divers<br>(BAGUE BS - JC) | -                       |
| <b>Norme<br/>MET</b>  | DIN EN ISO 9974-2       | ISO 6149<br>+ bague      | ISO 6149<br>+ bague      | DIN EN ISO 9974-3          | DIN 3852-1                | DIN EN ISO 9974-1       |
| <b>Norme<br/>BSPP</b> | ISO 1179-2              | ISO 1179-3               | ISO 1179-3               | ISO 1179-4                 | DIN 3852-2                | ISO 1179-1              |



| Filetage<br>F | A1 maxi<br>(mm) | B1 mini<br>(mm) | Ø D1<br>(mm) | Ø D2 mini<br>(mm) | Ø D2 maxi<br>(mm) | Ø D4<br>(mm) | Ø D5<br>(mm) |
|---------------|-----------------|-----------------|--------------|-------------------|-------------------|--------------|--------------|
| M10X100       | 1,0             | 8,0             | 13,9         | 15,0              | 20,0              | 14,9         | 13,9         |
| M12X150       | 1,5             | 12,0            | 16,9         | 18,0              | 25,0              | 17,9         | 16,9         |
| M14X150       | 1,5             | 12,0            | 18,9         | 20,0              | 25,0              | 19,9         | 18,9         |
| M16X150       | 1,5             | 12,0            | 21,9         | 23,0              | 28,0              | 22,9         | 20,9         |
| M18X150       | 2,0             | 12,0            | 23,9         | 25,0              | 30,0              | 24,9         | 22,9         |
| M20X150       | 2,0             | 14,0            | 25,9         | 27,0              | 34,0              | 26,8         | 24,9         |
| M22X150       | 2,5             | 14,0            | 26,9         | 28,0              | 34,0              | 27,9         | 26,9         |
| M26X150       | 2,5             | 16,0            | 31,9         | 33,0              | 42,0              | 32,8         | 30,9         |
| M27X200       | 2,5             | 16,0            | 31,9         | 33,0              | 42,0              | 35,7         | 31,9         |
| M33X200       | 2,5             | 18,0            | 39,9         | 41,0              | 47,0              | 40,9         | 38,9         |
| M42X200       | 2,5             | 20,0            | 49,9         | 51,0              | 58,0              | 50,9         | 48,9         |
| M48X200       | 2,5             | 22,0            | 54,9         | 56,0              | 65,0              | 55,9         | 54,9         |
|               |                 |                 |              |                   |                   |              |              |
| G1/8"         | 1,0             | 8,0             | 13,9         | 15,0              | 19,0              | 15,0         | 13,8         |
| G1/4"         | 1,5             | 12,0            | 18,9         | 20,0              | 25,0              | 19,5         | 17,8         |
| G3/8"         | 2,0             | 12,0            | 21,9         | 23,0              | 28,0              | 23,5         | 21,8         |
| G1/2"         | 2,5             | 14,0            | 26,9         | 28,0              | 34,0              | 28,5         | 25,8         |
| G3/4"         | 2,5             | 16,0            | 31,9         | 33,0              | 42,0              | 34,5         | 31,8         |
| G1"           | 2,5             | 18,0            | 39,9         | 41,0              | 47,0              | 43,5         | 38,8         |
| G1"1/4        | 2,5             | 20,0            | 49,9         | 51,0              | 58,0              | 52,5         | 48,8         |
| G1"1/2        | 2,5             | 22,0            | 54,9         | 56,0              | 65,0              | 60,0         | 54,8         |

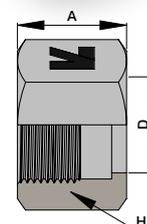
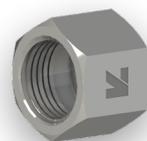
**CARACTERISTIQUES IMPLANTATIONS - COUPLE DE SERRAGE (N.M)**

|           | Implantation E<br>JOINT ENCASTRE | Implantation G<br>JOINT + BAGUE | Implantation orientable H<br>JOINT + BAGUE | Implantation B<br>ARETE<br>SAILLANTE | Implantation A<br>AVEC RONDELLE | Implantation<br>JOINT TORIQUE | Implantation<br>orientable<br>JOINT TORIQUE |
|-----------|----------------------------------|---------------------------------|--|--------------------------------------|---------------------------------|-------------------------------|---|
|           |                                  |                                 |  |                                      |                                 |                               |   |
| <b>F</b>  | <b>SERIE L</b>                   |                                 |  |                                      |                                 |                               |   |
| M10X100   | 18                               | 18                              | 18   | 18                                   | 9                               | 15                            | 15  |
| M12X150   | 25                               | 25                              | 25   | 30                                   | 20                              | 25                            | 25  |
| M14X150   | 45                               | 40                              | 40   | 45                                   | 35                              | 35                            | 35  |
| M16X150   | 55                               | 55                              | 55   | 65                                   | 45                              | 40                            | 40  |
| M18X150   | 70                               | 70                              | 70   | 80                                   | 55                              | 45                            | 45  |
| M22X150   | 125                              | 90                              | 90   | 140                                  | 65                              | 60                            | 60  |
| M26X150   | 180                              | 180                             | 180  | 190                                  | 90                              | 100                           | 100   |
| M27X200   | -                                | -                               | -  | -                                    | -                               | 100                           | 100   |
| M30X200   | -                                | -                               | -  | -                                    | -                               | 130                           | 130   |
| M33X200   | 310                              | 310                             | 310  | 340                                  | 150                             | 160                           | 160   |
| M42X200   | 450                              | 450                             | 450  | 500                                  | 240                             | 210                           | 210   |
| M48X200   | 540                              | 540                             | 540  | 630                                  | 290                             | 260                           | 260   |
| G1/8"     | 18                               | 18                              | 18   | 18                                   | 9                               | -                             | -   |
| G1/4"     | 35                               | 35                              | 35   | 35                                   | 35                              | -                             | -   |
| G3/8"     | 70                               | 70                              | 70   | 70                                   | 45                              | -                             | -   |
| G1/2"     | 90                               | 90                              | 110  | 100-140                              | 65                              | -                             | -   |
| G3/4"     | 180                              | 180                             | 180  | 180                                  | 90                              | -                             | -   |
| G1"       | 310                              | 310                             | 310  | 330                                  | 150                             | -                             | -   |
| G1"1/4    | 450                              | 450                             | 450  | 540                                  | 240                             | -                             | -   |
| G1"1/2    | 540                              | 540                             | 540  | 630                                  | 290                             | -                             | -   |
| 7/16" UNF | -                                | -                               | -  | -                                    | -                               | 30                            | 20  |
| 1/2" UNF  | -                                | -                               | -  | -                                    | -                               | 35                            | 30  |
| 9/16" UNF | -                                | -                               | -  | -                                    | -                               | 40                            | 40  |
| 3/4" UNF  | -                                | -                               | -  | -                                    | -                               | 70                            | 70  |
| 7/8" UNF  | -                                | -                               | -  | -                                    | -                               | 115                           | 115   |
| 1"1/16 UN | -                                | -                               | -  | -                                    | -                               | 185                           | 185   |
| 1"5/16 UN | -                                | -                               | -  | -                                    | -                               | 270                           | 270   |
| 1"5/8 UN  | -                                | -                               | -  | -                                    | -                               | 340                           | 340   |
| 1"7/8 UN  | -                                | -                               | -  | -                                    | -                               | 415                           | 415   |
| <b>F</b>  | <b>SERIE S</b>                   |                                 |  |                                      |                                 |                               |   |
| M12X150   | 35                               | 35                              | 35   | 35                                   | 20                              | 35                            | 35  |
| M14X150   | 45                               | 55                              | 55   | 55                                   | 35                              | 45                            | 45  |
| M16X150   | 70                               | 70                              | 70   | 70                                   | 45                              | 55                            | 55  |
| M18X150   | 90                               | 90                              | 90   | 110                                  | 55                              | 70                            | 90  |
| M20X150   | 125                              | 125                             | 125  | 150                                  | 55                              | 80                            | -   |
| M22X150   | 135                              | 135                             | 135  | 170                                  | 65                              | 100                           | 100   |
| M27X200   | 180                              | 190                             | 190  | 270                                  | 90                              | 170                           | 170   |
| M30X200   | -                                | -                               | -  | -                                    | -                               | 235                           | 235   |
| M33X200   | 310                              | 310                             | 310  | 410                                  | 150                             | 310                           | 310   |
| M42X200   | 450                              | 450                             | 450  | 540                                  | 240                             | 330                           | 330   |
| M48X200   | 540                              | 540                             | 540  | 700                                  | 290                             | 420                           | 420   |
| G1/8"     | -                                | -                               | -  | -                                    | -                               | -                             | -   |
| G1/4"     | 40                               | 40                              | 40   | 55                                   | 35                              | -                             | -   |
| G3/8"     | 80                               | 60                              | 60   | 90                                   | 45                              | -                             | -   |
| G1/2"     | 115                              | 90                              | 90   | 130-150                              | 65                              | -                             | -   |
| G3/4"     | 180                              | 180                             | 180  | 270                                  | 90                              | -                             | -   |
| G1"       | 310                              | 310                             | 310  | 340                                  | 150                             | -                             | -   |
| G1"1/4    | 450                              | 450                             | 450  | 540                                  | 240                             | -                             | -   |
| G1"1/2    | 540                              | 540                             | 540  | 700                                  | 290                             | -                             | -   |
| 7/16" UNF | -                                | -                               | -  | -                                    | -                               | 35                            | 20  |
| 1/2" UNF  | -                                | -                               | -  | -                                    | -                               | 40                            | 40  |
| 9/16" UNF | -                                | -                               | -  | -                                    | -                               | 45                            | 45  |
| 3/4" UNF  | -                                | -                               | -  | -                                    | -                               | 80                            | 80  |
| 7/8" UNF  | -                                | -                               | -  | -                                    | -                               | 135                           | 135   |
| 1"1/16 UN | -                                | -                               | -  | -                                    | -                               | 185                           | 185   |
| 1"5/16 UN | -                                | -                               | -  | -                                    | -                               | 270                           | 270   |
| 1"5/8 UN  | -                                | -                               | -  | -                                    | -                               | 340                           | 340   |
| 1"7/8 UN  | -                                | -                               | -  | -                                    | -                               | 415                           | 415   |

Valeur pour filetages lubrifiés  
 Tolérance couple de serrage : 0 / +10 %  
 Une modification des valeurs doit être étudiée lors d'un assemblage avec une autre matière que l'acier

## ECROU

| Référence | Ø Tube (mm) | F          | A    | D    | H  |
|-----------|-------------|------------|------|------|----|
| OR-ECO4   | 6           | 9/16" UNF  | 15,0 | 10,5 | 17 |
| OR-ECO6   | 8-10        | 11/16" UN  | 17,0 | 13,5 | 22 |
| OR-ECO8   | 12          | 13/16" UN  | 20,0 | 16,6 | 24 |
| OR-EC10   | 14-15-16    | 1" UNS     | 24,0 | 21,1 | 30 |
| OR-EC12   | 18-20       | 1"3/16 UN  | 26,5 | 24,2 | 36 |
| OR-EC16   | 22-25       | 1"7/16 UN  | 27,5 | 29,1 | 41 |
| OR-EC20   | 30-32       | 1"11/16 UN | 27,5 | 36,0 | 50 |
| OR-EC24   | 35-38       | 2" UN      | 27,5 | 44,0 | 60 |

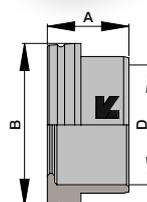
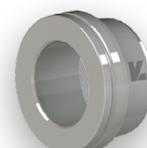


## MANCHETTE A BRASER

BLACK  
OXYDE

AUTRES TAILLES  
SUR DEMANDE

| Référence  | Ø Tube (mm) | A    | B     | D    | Ecrou ORFS associé |
|------------|-------------|------|-------|------|--------------------|
| OR-MBO4M06 | 6           | 9,5  | 12,75 | 6,0  | OR-ECO4            |
| OR-MBO6M08 | 8-10        | 9,5  | 15,75 | 8,0  | OR-ECO6            |
| OR-MBO6M10 | 8-10        | 9,5  | 15,75 | 10,0 | OR-ECO6            |
| OR-MBO8M12 | 12          | 9,5  | 18,90 | 12,0 | OR-ECO8            |
| OR-MB10M14 | 14-15-16    | 10,5 | 23,45 | 14,0 | OR-EC10            |
| OR-MB10M16 | 14-15-16    | 10,5 | 23,45 | 16,0 | OR-EC10            |
| OR-MB12M20 | 18-20       | 14,0 | 27,85 | 20,0 | OR-EC12            |
| OR-MB16M25 | 22-25       | 15,5 | 34,20 | 25,0 | OR-EC16            |
| OR-MB20M30 | 30-32       | 15,5 | 40,55 | 30,0 | OR-EC20            |
| OR-MB20M32 | 30-32       | 15,5 | 40,55 | 32,0 | OR-EC20            |
| OR-MB24M38 | 35-38       | 15,5 | 48,50 | 38,0 | OR-EC24            |

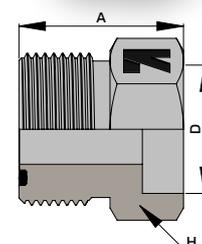


## EMBOUT MALE A SOUDER

BLACK  
OXYDE

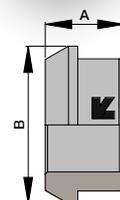
AUTRES TAILLES  
SUR DEMANDE

| Référence   | Ø Tube (mm) | F          | A    | D    | H  | PN (bar) |
|-------------|-------------|------------|------|------|----|----------|
| OR-EMSO4M06 | 6           | 9/16" UNF  | 22,0 | 6,0  | 17 | 420      |
| OR-EMSO4M10 | 6           | 9/16" UNF  | 23,0 | 10,0 | 19 | 420      |
| OR-EMSO6M10 | 8-10        | 11/16" UN  | 23,0 | 10,0 | 19 | 420      |
| OR-EMSO6M12 | 8-10        | 11/16" UN  | 23,0 | 12,0 | 19 | 420      |
| OR-EMSO8M12 | 12          | 13/16" UN  | 24,5 | 12,0 | 22 | 420      |
| OR-EMSO8M16 | 12          | 13/16" UN  | 25,0 | 16,0 | 22 | 420      |
| OR-EMS10M16 | 14-15-16    | 1" UNS     | 28,0 | 16,0 | 27 | 420      |
| OR-EMS12M18 | 18-20       | 1"3/16 UN  | 33,5 | 18,0 | 32 | 420      |
| OR-EMS12M20 | 18-20       | 1"3/16 UN  | 33,5 | 20,0 | 32 | 420      |
| OR-EMS12M25 | 18-20       | 1"3/16 UN  | 33,5 | 25,0 | 41 | 420      |
| OR-EMS16M25 | 22-25       | 1"7/16 UN  | 38,5 | 25,0 | 41 | 420      |
| OR-EMS20M38 | 30-32       | 1"11/16 UN | 38,5 | 38,0 | 46 | 280      |



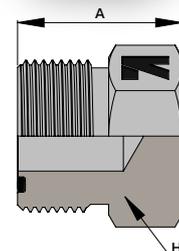
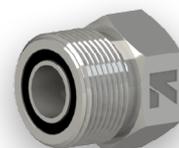
## MANCHETTE A EVASER

| Référence | Ø Tube (mm) | A    | B    |
|-----------|-------------|------|------|
| OR-M06M   | 6           | 7,5  | 12,8 |
| OR-M08M   | 8           | 8,5  | 15,8 |
| OR-M10M   | 10          | 8,5  | 15,8 |
| OR-M12M   | 12          | 10,5 | 18,9 |
| OR-M16M   | 16          | 10,5 | 23,5 |
| OR-M20M   | 20          | 12,0 | 27,9 |
| OR-M25M   | 25          | 13,5 | 34,2 |



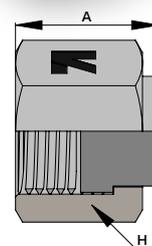
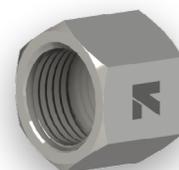
## BOUCHON MALE

| Référence | Ø Tube (mm) | F          | A    | H  | PN (bar) |
|-----------|-------------|------------|------|----|----------|
| OR-BM04   | 6           | 9/16" UNF  | 16,7 | 16 | 630      |
| OR-BM06   | 8-10        | 11/16" UN  | 19,0 | 19 | 630      |
| OR-BM08   | 12          | 13/16" UN  | 21,7 | 22 | 630      |
| OR-BM10   | 14-15-16    | 1" UNS     | 25,9 | 27 | 420      |
| OR-BM12   | 18-20       | 1"3/16 UN  | 27,5 | 32 | 420      |
| OR-BM16   | 22-25       | 1"7/16 UN  | 28,0 | 38 | 420      |
| OR-BM20   | 30-32       | 1"11/16 UN | 46,0 | 46 | 420      |
| OR-BM24   | 35-38       | 2" UN      | 28,0 | 55 | 350      |



## BOUCHON FEMELLE

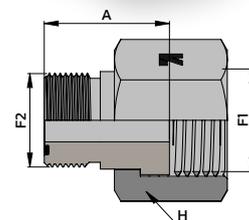
| Référence | Ø Tube (mm) | F          | A    | H  | PN (bar) |
|-----------|-------------|------------|------|----|----------|
| OR-BF04   | 6           | 9/16" UNF  | 16,8 | 17 | 630      |
| OR-BF06   | 8-10        | 11/16" UN  | 18,8 | 22 | 630      |
| OR-BF08   | 12          | 13/16" UN  | 22,0 | 24 | 630      |
| OR-BF10   | 14-15-16    | 1" UNS     | 26,0 | 30 | 420      |
| OR-BF12   | 18-20       | 1"3/16 UN  | 28,6 | 36 | 420      |
| OR-BF16   | 22-25       | 1"7/16 UN  | 29,5 | 41 | 420      |
| OR-BF20   | 30-32       | 1"11/16 UN | 29,5 | 50 | 280      |
| OR-BF24   | 35-38       | 2" UN      | 29,5 | 60 | 280      |



## ADAPTATEUR DE REDUCTION

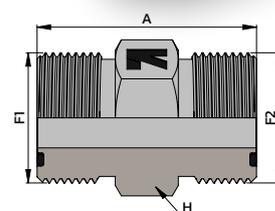
| Référence   | Ø Tube (mm)      | F1         | F2         | A    | H    | PN (bar) |
|-------------|------------------|------------|------------|------|------|----------|
| OR-ADRO406* | 6 / 8-10         | 9/16" UNF  | 11/16" UN  | 34,8 | 17,5 | 420      |
| OR-ADRO604* | 8-10 / 6         | 11/16" UN  | 9/16" UNF  | 20,0 | 22   | 420      |
| OR-ADRO804  | 12 / 6           | 13/16" UN  | 9/16" UNF  | 22,0 | 24   | 420      |
| OR-ADRO806* | 12 / 8-10        | 13/16" UN  | 11/16" UN  | 22,5 | 24   | 420      |
| OR-ADR1004  | 14-15-16 / 6     | 1" UNS     | 9/16" UNF  | 23,0 | 30   | 420      |
| OR-ADR1006  | 14-15-16 / 8-10  | 1" UNS     | 11/16" UN  | 24,0 | 30   | 420      |
| OR-ADR1008  | 14-15-16 / 12    | 1" UNS     | 13/16" UN  | 26,0 | 30   | 420      |
| OR-ADR1204  | 18-20 / 6        | 1"3/16 UN  | 9/16" UNF  | 25,0 | 36   | 420      |
| OR-ADR1206  | 18-20 / 8-10     | 1"3/16 UN  | 11/16" UN  | 26,0 | 36   | 420      |
| OR-ADR1208  | 18-20 / 12       | 1"3/16 UN  | 13/16" UN  | 27,5 | 36   | 420      |
| OR-ADR1210* | 18-20 / 14-15-16 | 1"3/16 UN  | 1" UNS     | 29,5 | 36   | 420      |
| OR-ADR1608  | 22-25 / 12       | 1"7/16 UN  | 13/16" UN  | 29,0 | 41   | 420      |
| OR-ADR1610  | 22-25 / 14-15-16 | 1"7/16 UN  | 1" UNS     | 32,0 | 41   | 420      |
| OR-ADR1612* | 22-25 / 18-20    | 1"7/16 UN  | 1"3/16 UN  | 33,0 | 41   | 420      |
| OR-ADR2012  | 30-32 / 18-20    | 1"11/16 UN | 1"3/16 UN  | 33,5 | 50   | 350      |
| OR-ADR2016* | 30-32 / 22-25    | 1"11/16 UN | 1"7/16 UN  | 38,0 | 50   | 350      |
| OR-ADR2416  | 38 / 22-25       | 2" UN      | 1"7/16 UN  | 31,0 | 60   | 200      |
| OR-ADR2420  | 38 / 30-32       | 2" UN      | 1"11/16 UN | 34,5 | 60   | 200      |

\* = ÉCROU PRÉSENTI



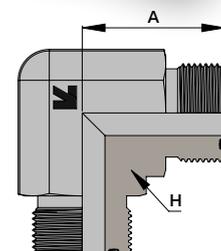
## UNION DOUBLE

| Référence | Ø Tube (mm)      | F1         | F2         | A    | H    | PN (bar) |
|-----------|------------------|------------|------------|------|------|----------|
| OR-UDO404 | 6                | 9/16" UNF  | 9/16" UNF  | 27,5 | 16   | 630      |
| OR-UDO604 | 8-10 / 6         | 11/16" UN  | 9/16" UNF  | 31,0 | 19   | 630      |
| OR-UDO606 | 8-10             | 11/16" UN  | 11/16" UN  | 31,0 | 19   | 630      |
| OR-UDO806 | 12 / 8-10        | 13/16" UN  | 11/16" UN  | 33,5 | 22   | 630      |
| OR-UDO808 | 12               | 13/16" UN  | 13/16" UN  | 35,3 | 22   | 630      |
| OR-UD1008 | 14-15-16 / 12    | 1" UNS     | 13/16" UN  | 40,0 | 27   | 420      |
| OR-UD1010 | 14-15-16         | 1" UNS     | 1" UNS     | 42,7 | 27   | 420      |
| OR-UD1208 | 18-20 / 12       | 1"3/16 UN  | 13/16" UN  | 43,0 | 32   | 420      |
| OR-UD1210 | 18-20 / 14-15-16 | 1"3/16 UN  | 1" UNS     | 45,5 | 32   | 420      |
| OR-UD1212 | 18-20            | 1"3/16 UN  | 1"3/16 UN  | 47,2 | 32   | 420      |
| OR-UD1612 | 22-25 / 18-20    | 1"7/16 UN  | 1"3/16 UN  | 49,0 | 41   | 420      |
| OR-UD1616 | 22-25            | 1"7/16 UN  | 1"7/16 UN  | 49,3 | 38   | 420      |
| OR-UD2016 | 30-32 / 22-25    | 1"11/16 UN | 1"7/16 UN  | 50,0 | 46   | 420      |
| OR-UD2020 | 30-32            | 1"11/16 UN | 1"11/16 UN | 51,5 | 51,0 | 420      |
| OR-UD2424 | 38               | 2" UN      | 2" UN      | 53,0 | 53,0 | 350      |



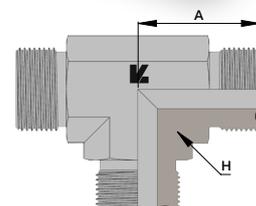
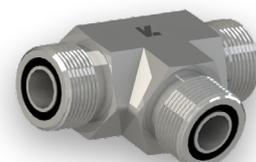
## COUDE EGAL

| Référence | Ø Tube (mm) | F          | A    | H  | PN (bar) |
|-----------|-------------|------------|------|----|----------|
| OR-CE0404 | 6           | 9/16" UNF  | 22,0 | 14 | 630      |
| OR-CE0606 | 8-10        | 11/16" UN  | 24,9 | 19 | 630      |
| OR-CE0808 | 12          | 13/16" UN  | 28,0 | 19 | 630      |
| OR-CE1010 | 14-15-16    | 1" UNS     | 33,5 | 27 | 420      |
| OR-CE1212 | 18-20       | 1"3/16 UN  | 37,5 | 30 | 420      |
| OR-CE1616 | 22-25       | 1"7/16 UN  | 42,0 | 36 | 420      |
| OR-CE2020 | 30-32       | 1"11/16 UN | 45,0 | 41 | 350      |
| OR-CE2424 | 35-38       | 2" UN      | 49,0 | 50 | 280      |



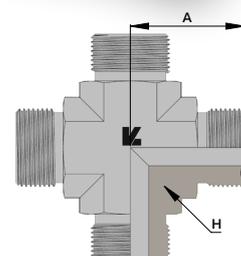
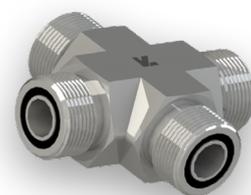
## TE EGAL

| Référence   | Ø Tube (mm) | F          | A    | H  | PN (bar) |
|-------------|-------------|------------|------|----|----------|
| OR-TE040404 | 6           | 9/16" UNF  | 22,0 | 14 | 630      |
| OR-TE060606 | 8-10        | 11/16" UN  | 25,0 | 19 | 630      |
| OR-TE080808 | 12          | 13/16" UN  | 28,0 | 19 | 630      |
| OR-TE101010 | 14-15-16    | 1" UNS     | 33,5 | 27 | 420      |
| OR-TE121212 | 18-20       | 1"3/16 UN  | 37,5 | 30 | 420      |
| OR-TE161616 | 22-25       | 1"7/16 UN  | 42,0 | 36 | 420      |
| OR-TE202020 | 30-32       | 1"11/16 UN | 45,0 | 41 | 350      |
| OR-TE242424 | 35-38       | 2" UN      | 49,0 | 50 | 280      |



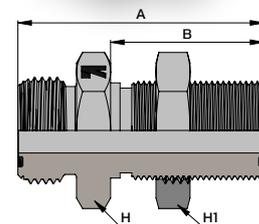
## CROIX EGALE

| Référence     | Ø Tube (mm) | F         | A    | H  | PN (bar) |
|---------------|-------------|-----------|------|----|----------|
| OR-CR040404   | 6           | 9/16" UNF | 22,0 | 14 | 630      |
| OR-CR060606   | 8-10        | 11/16" UN | 25,0 | 19 | 630      |
| OR-CR080808   | 12          | 13/16" UN | 28,0 | 19 | 630      |
| OR-CR10101010 | 14-15-16    | 1" UNS    | 33,3 | 27 | 420      |
| OR-CR12121212 | 18-20       | 1"3/16 UN | 37,3 | 30 | 420      |
| OR-CR161616   | 22-25       | 1"7/16 UN | 42,0 | 41 | 420      |



## UNION DOUBLE PASSE-CLOISON

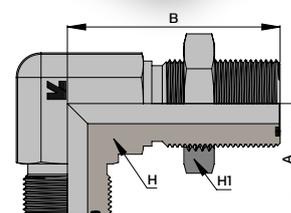
| Référence  | Ø Tube (mm) | F          | A    | B    | H  | H1 | PN (bar) |
|------------|-------------|------------|------|------|----|----|----------|
| OR-PCLO404 | 6           | 9/16" UNF  | 48,0 | 31,5 | 22 | 22 | 630      |
| OR-PCLO606 | 8-10        | 11/16" UN  | 53,0 | 34,0 | 27 | 27 | 630      |
| OR-PCLO808 | 12          | 13/16" UN  | 58,5 | 36,5 | 30 | 30 | 630      |
| OR-PCLI010 | 14-15-16    | 1" UNS     | 66,5 | 40,5 | 36 | 36 | 420      |
| OR-PCLI212 | 18-20       | 1"3/16 UN  | 69,0 | 41,5 | 41 | 41 | 420      |
| OR-PCLI616 | 22-25       | 1"7/16 UN  | 70,0 | 42,0 | 46 | 46 | 420      |
| OR-PCL2020 | 30-32       | 1"11/16 UN | 70,0 | 42,0 | 50 | 50 | 420      |



## COUDE EGAL PASSE-CLOISON



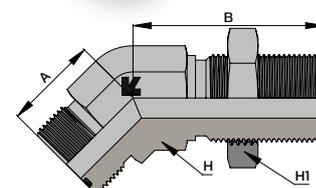
| Référence   | Ø Tube (mm) | F         | A    | B    | H  | H1 | PN (bar) |
|-------------|-------------|-----------|------|------|----|----|----------|
| OR-CPCL0404 | 6           | 9/16" UNF | 21,5 | 47,0 | 14 | 22 | 630      |
| OR-CPCL0606 | 8-10        | 11/16" UN | 25,0 | 52,0 | 19 | 27 | 630      |
| OR-CPCL0808 | 12          | 13/16" UN | 28,0 | 55,5 | 19 | 30 | 630      |
| OR-CPCLI010 | 14-15-16    | 1" UNS    | 33,5 | 63,0 | 27 | 36 | 420      |
| OR-CPCLI212 | 18-20       | 1"3/16 UN | 37,5 | 67,0 | 30 | 41 | 420      |
| OR-CPCLI616 | 22-25       | 1"7/16 UN | 41,5 | 71,0 | 36 | 46 | 420      |



## COUDE 45° EGAL PASSE-CLOISON



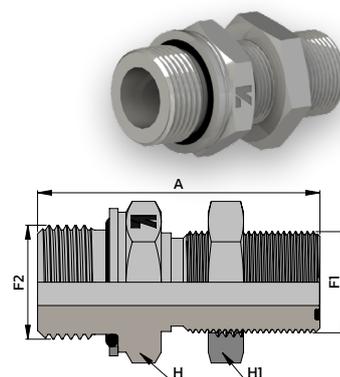
| Référence     | Ø Tube (mm) | F         | A    | B    | H  | H1 | PN (bar) |
|---------------|-------------|-----------|------|------|----|----|----------|
| OR-CPCL450404 | 6           | 9/16" UNF | 16,0 | 44,0 | 14 | 21 | 630      |
| OR-CPCL450606 | 8-10        | 11/16" UN | 19,0 | 48,5 | 19 | 27 | 630      |
| OR-CPCL450808 | 12          | 13/16" UN | 21,0 | 51,0 | 19 | 30 | 630      |
| OR-CPCL451010 | 14-15-16    | 1" UNS    | 24,0 | 57,0 | 27 | 36 | 420      |
| OR-CPCL451212 | 18-20       | 1"3/16 UN | 26,0 | 61,0 | 30 | 41 | 420      |
| OR-CPCL451616 | 22-25       | 1"7/16 UN | 30,0 | 65,0 | 36 | 46 | 420      |



## UNION MALE PASSE-CLOISON



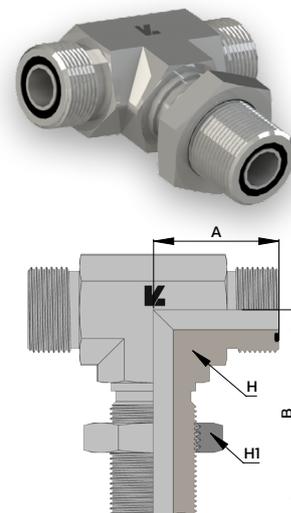
| Référence                | Ø Tube (mm) | F1        | F2      | A    | H  | H1   | PN (bar) |
|--------------------------|-------------|-----------|---------|------|----|------|----------|
| <b>OR-UMMO818ISO-PCL</b> | 12          | 13/16" UN | M18X150 | 61,7 | 24 | 24   | 400      |
| <b>OR-UMGO404JE-PCL</b>  | 6           | 9/16" UNF | 1/4"    | 52,0 | 22 | 22   | 500      |
| <b>OR-UMGO606JE-PCL</b>  | 8-10        | 11/16" UN | 3/8"    | 56,5 | 27 | 27   | 420      |
| <b>OR-UMGO808JE-PCL</b>  | 12          | 13/16" UN | 1/2"    | 62,5 | 30 | 30   | 420      |
| <b>OR-UMG1008JE-PCL</b>  | 14-15-16    | 1" UNS    | 1/2"    | 68,0 | 36 | 36   | 420      |
| <b>OR-UMG1208JE-PCL</b>  | 18-20       | 1"3/16 UN | 1/2"    | 69,0 | 36 | 41   | 420      |
| <b>OR-UMG1212JE-PCL</b>  | 18-20       | 1"3/16 UN | 3/4"    | 71,0 | 41 | 41   | 420      |
| <b>OR-UMG1216JE-PCL</b>  | 18-20       | 1"3/16 UN | 1"      | 75,0 | 41 | 41   | 420      |
| <b>OR-UMGO808DIN-PCL</b> | 12          | 13/16" UN | 1/2"    | 61,0 | 27 | 30   | 400      |
| <b>OR-UMG1008DIN-PCL</b> | 14-15-16    | 1" UNS    | 1/2"    | 66,5 | 30 | 35   | 400      |
| <b>OR-UMG1208DIN-PCL</b> | 18-20       | 1"3/16 UN | 1/2"    | 68,5 | 36 | 41   | 400      |
| <b>OR-UMG1212DIN-PCL</b> | 18-20       | 1"3/16 UN | 3/4"    | 68,5 | 36 | 41   | 250      |
| <b>OR-UMG1216DIN-PCL</b> | 18-20       | 1"3/16 UN | 1"      | 71,0 | 41 | 41,0 | 250      |
| <b>OR-UMG1616DIN-PCL</b> | 22-25       | 1"7/16 UN | 1"      | -    | -  | 41,0 | 250      |



## TE EGAL PASSE-CLOISON



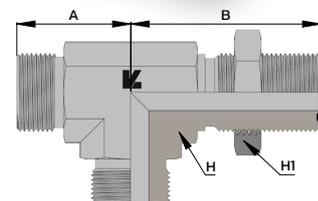
| Référence             | Ø Tube (mm) | F         | A    | B    | H  | H1 | PN (bar) |
|-----------------------|-------------|-----------|------|------|----|----|----------|
| <b>OR-TEPCL040404</b> | 6           | 9/16" UNF | 23,0 | 47,0 | 14 | 21 | 630      |
| <b>OR-TEPCL060606</b> | 8-10        | 11/16" UN | 26,0 | 52,0 | 19 | 27 | 630      |
| <b>OR-TEPCL080808</b> | 12          | 13/16" UN | 29,0 | 55,5 | 19 | 30 | 630      |
| <b>OR-TEPCL101010</b> | 14-15-16    | 1" UNS    | 35,0 | 63,0 | 27 | 36 | 420      |
| <b>OR-TEPCL121212</b> | 18-20       | 1"3/16 UN | 39,0 | 67,0 | 30 | 41 | 420      |
| <b>OR-TEPCL161616</b> | 22-25       | 1"7/16 UN | 42,0 | 71,0 | 36 | 46 | 420      |



## TE RENVERSE PASSE-CLOISON



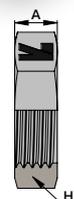
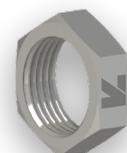
| Référence       | Ø Tube (mm) | F         | A    | B    | H  | H1 | PN (bar) |
|-----------------|-------------|-----------|------|------|----|----|----------|
| OR-TERPCL040404 | 6           | 9/16" UNF | 23,0 | 46,0 | 14 | 21 | 630      |
| OR-TERPCL060606 | 8-10        | 11/16" UN | 26,0 | 52,0 | 19 | 27 | 630      |
| OR-TERPCL080808 | 12          | 13/16" UN | 28,0 | 55,5 | 19 | 30 | 630      |
| OR-TERPCL101010 | 14-15-16    | 1" UNS    | 35,0 | 63,0 | 27 | 36 | 420      |
| OR-TERPCL121212 | 18-20       | 1"3/16 UN | 39,0 | 67,0 | 30 | 41 | 420      |
| OR-TERPCL161616 | 22-25       | 1"7/16 UN | 42,0 | 71,0 | 36 | 46 | 420      |



## CONTRE-ECROU

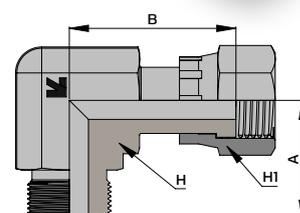


| Référence | Ø Tube (mm) | F          | A    | H  |
|-----------|-------------|------------|------|----|
| OR-CECO4  | 6           | 9/16" UNF  | 7,0  | 21 |
| OR-CECO6  | 8-10        | 11/16" UN  | 8,0  | 27 |
| OR-CECO8  | 12          | 13/16" UN  | 9,0  | 30 |
| OR-CEC10  | 14-15-16    | 1" UNS     | 11,0 | 36 |
| OR-CEC12  | 18-20       | 1"3/16 UN  | 11,0 | 41 |
| OR-CEC16  | 22-25       | 1"7/16 UN  | 11,0 | 46 |
| OR-CEC20  | 30-32       | 1"11/16 UN | 10,0 | 51 |



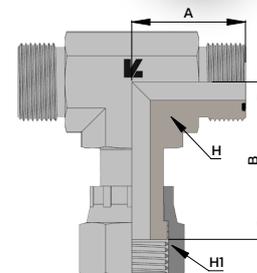
## COUDE ORIENTABLE

| Référence  | Ø Tube (mm) | F          | A    | B    | H  | H1 | PN (bar) |
|------------|-------------|------------|------|------|----|----|----------|
| OR-COR0404 | 6           | 9/16" UNF  | 21,5 | 26,5 | 14 | 17 | 500      |
| OR-COR0606 | 8-10        | 11/16" UN  | 25,0 | 29,0 | 17 | 22 | 630      |
| OR-COR0808 | 12          | 13/16" UN  | 27,9 | 37,8 | 19 | 24 | 630      |
| OR-COR1010 | 14-15-16    | 1" UNS     | 33,5 | 41,0 | 24 | 30 | 420      |
| OR-COR1212 | 18-20       | 1"3/16 UN  | 37,5 | 46,5 | 27 | 36 | 420      |
| OR-COR1616 | 22-25       | 1"7/16 UN  | 41,5 | 53,5 | 36 | 41 | 420      |
| OR-COR2020 | 30-32       | 1"11/16 UN | 44,7 | 58,2 | 41 | 50 | 350      |
| OR-COR2424 | 35-38       | 2" UN      | 48,8 | 61,2 | 48 | 60 | 280      |



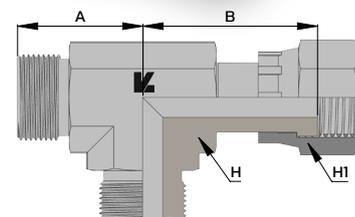
## TE ORIENTABLE

| Référence           | Ø Tube (mm) | F          | A    | B    | H  | H1 | PN (bar) |
|---------------------|-------------|------------|------|------|----|----|----------|
| <b>OR-TOR040404</b> | 6           | 9/16" UNF  | 21,5 | 26,4 | 14 | 17 | 500      |
| <b>OR-TOR060606</b> | 8-10        | 11/16" UN  | 25,0 | 29,2 | 19 | 22 | 630      |
| <b>OR-TOR080808</b> | 12          | 13/16" UN  | 28,0 | 37,9 | 19 | 24 | 630      |
| <b>OR-TOR101010</b> | 14-15-16    | 1" UNS     | 33,5 | 41,0 | 27 | 30 | 420      |
| <b>OR-TOR121212</b> | 18-20       | 1"3/16 UN  | 37,5 | 46,5 | 30 | 36 | 420      |
| <b>OR-TOR161616</b> | 22-25       | 1"7/16 UN  | 41,7 | 53,5 | 36 | 41 | 420      |
| <b>OR-TOR202020</b> | 30-32       | 1"11/16 UN | 44,7 | 58,2 | 41 | 50 | 350      |
| <b>OR-TOR242424</b> | 35-38       | 2" UN      | 48,8 | 61,2 | 48 | 60 | 280      |



## TE ORIENTABLE RENVERSE

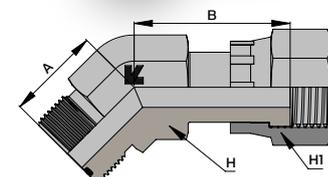
| Référence            | Ø Tube (mm) | F          | A    | B    | H  | H1 | PN (bar) |
|----------------------|-------------|------------|------|------|----|----|----------|
| <b>OR-TORR040404</b> | 6           | 9/16" UNF  | 21,5 | 26,4 | 14 | 17 | 500      |
| <b>OR-TORR060606</b> | 8-10        | 11/16" UN  | 24,9 | 29,2 | 19 | 22 | 630      |
| <b>OR-TORR080808</b> | 12          | 13/16" UN  | 27,9 | 37,9 | 19 | 24 | 630      |
| <b>OR-TORR101010</b> | 14-15-16    | 1" UNS     | 34,0 | 41,0 | 27 | 30 | 420      |
| <b>OR-TORR121212</b> | 18-20       | 1"3/16 UN  | 37,5 | 46,5 | 30 | 36 | 420      |
| <b>OR-TORR161616</b> | 22-25       | 1"7/16 UN  | 41,7 | 53,5 | 36 | 41 | 420      |
| <b>OR-TORR202020</b> | 30-32       | 1"11/16 UN | 44,7 | 58,2 | 41 | 50 | 350      |
| <b>OR-TORR242424</b> | 35-38       | 2" UN      | 48,8 | 61,2 | 48 | 60 | 280      |



## COUDE 45° ORIENTABLE



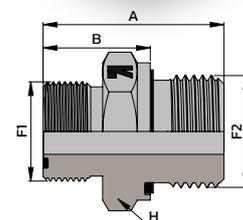
| Référence           | Ø Tube (mm) | F          | A    | B    | H  | H1 | PN (bar) |
|---------------------|-------------|------------|------|------|----|----|----------|
| <b>OR-COR450404</b> | 6           | 9/16" UNF  | 16,0 | 25,0 | 14 | 17 | 500      |
| <b>OR-COR450606</b> | 8-10        | 11/16" UN  | 19,0 | 28,0 | 19 | 22 | 630      |
| <b>OR-COR450808</b> | 12          | 13/16" UN  | 20,0 | 38,0 | 19 | 24 | 630      |
| <b>OR-COR451010</b> | 14-15-16    | 1" UNS     | 23,0 | 39,0 | 27 | 30 | 420      |
| <b>OR-COR451212</b> | 18-20       | 1"3/16 UN  | 26,0 | 44,0 | 30 | 36 | 420      |
| <b>OR-COR451616</b> | 22-25       | 1"7/16 UN  | 30,0 | 48,0 | 36 | 41 | 420      |
| <b>OR-COR452020</b> | 30-32       | 1"11/16 UN | 32,0 | 50,0 | 41 | 50 | 350      |



## UNION MALE BSPP JE



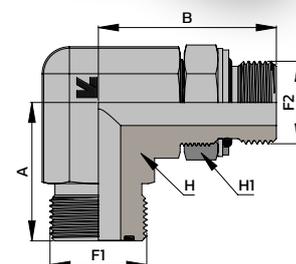
| Référence    | Ø Tube (mm) | F1         | F2    | A    | B    | H  | PN (bar) |
|--------------|-------------|------------|-------|------|------|----|----------|
| OR-UMG0402JE | 6           | 9/16" UNF  | 1/8"  | 26,0 | 18,0 | 17 | 630      |
| OR-UMG0404JE | 6           | 9/16" UNF  | 1/4"  | 31,0 | 19,0 | 19 | 630      |
| OR-UMG0406JE | 6           | 9/16" UNF  | 3/8"  | 32,0 | 20,0 | 22 | 630      |
| OR-UMG0604JE | 8-10        | 11/16" UN  | 1/4"  | 32,0 | 20,0 | 19 | 630      |
| OR-UMG0606JE | 8-10        | 11/16" UN  | 3/8"  | 33,5 | 21,5 | 22 | 630      |
| OR-UMG0608JE | 8-10        | 11/16" UN  | 1/2"  | 38,5 | 24,5 | 27 | 420      |
| OR-UMG0804JE | 12          | 13/16" UN  | 1/4"  | 38,0 | 25,0 | 22 | 630      |
| OR-UMG0806JE | 12          | 13/16" UN  | 3/8"  | 34,6 | 22,6 | 22 | 630      |
| OR-UMG0808JE | 12          | 13/16" UN  | 1/2"  | 40,1 | 26,1 | 27 | 420      |
| OR-UMG0812JE | 12          | 13/16" UN  | 3/4"  | 42,0 | 26,0 | 32 | 420      |
| OR-UMG1006JE | 14-15-16    | 1" UNS     | 3/8"  | 43,0 | 31,0 | 27 | 420      |
| OR-UMG1008JE | 14-15-16    | 1" UNS     | 1/2"  | 41,1 | 27,1 | 27 | 420      |
| OR-UMG1012JE | 14-15-16    | 1" UNS     | 3/4"  | 45,0 | 29,0 | 32 | 420      |
| OR-UMG1208JE | 18-20       | 1"3/16 UN  | 1/2"  | 49,0 | 34,0 | 32 | 420      |
| OR-UMG1212JE | 18-20       | 1"3/16 UN  | 3/4"  | 46,1 | 30,1 | 32 | 420      |
| OR-UMG1216JE | 18-20       | 1"3/16 UN  | 1"    | 47,5 | 29,5 | 41 | 420      |
| OR-UMG1606JE | 22-25       | 1"7/16 UN  | 3/8"  | -    | -    | -  | 420      |
| OR-UMG1612JE | 22-25       | 1"7/16 UN  | 3/4"  | 52,0 | 36,0 | 41 | 420      |
| OR-UMG1616JE | 22-25       | 1"7/16 UN  | 1"    | 49,8 | 31,8 | 41 | 420      |
| OR-UMG1620JE | 22-25       | 1"7/16 UN  | 1"1/4 | 54,0 | 30,0 | 50 | 420      |
| OR-UMG2016JE | 30-32       | 1"11/16 UN | 1"    | 57,0 | 39,0 | 46 | 420      |
| OR-UMG2020JE | 30-32       | 1"11/16 UN | 1"1/4 | 54,0 | 34,0 | 50 | 420      |
| OR-UMG2424JE | 35-38       | 2" UN      | 1"1/2 | 58,0 | 36,0 | 55 | 350      |



## COUDE ORIENTABLE MALE BSPP



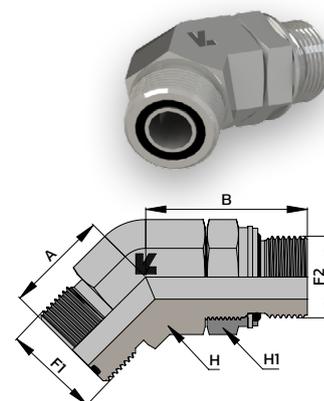
| Référence  | Ø Tube (mm) | F1         | F2    | A    | B    | H  | H1 | PN (bar) |
|------------|-------------|------------|-------|------|------|----|----|----------|
| OR-CMG0402 | 6           | 9/16" UNF  | 1/8"  | 21,5 | 30,0 | 14 | 14 | 250      |
| OR-CMG0404 | 6           | 9/16" UNF  | 1/4"  | 24,0 | 36,0 | 19 | 19 | 250      |
| OR-CMG0406 | 6           | 9/16" UNF  | 3/8"  | 25,0 | 38,0 | 19 | 22 | 250      |
| OR-CMG0604 | 8-10        | 11/16" UN  | 1/4"  | 25,0 | 36,0 | 19 | 19 | 250      |
| OR-CMG0606 | 8-10        | 11/16" UN  | 3/8"  | 26,5 | 38,0 | 19 | 22 | 250      |
| OR-CMG0608 | 8-10        | 11/16" UN  | 1/2"  | 29,2 | 49,0 | 27 | 27 | 250      |
| OR-CMG0804 | 12          | 13/16" UN  | 1/4"  | 28,0 | 36,0 | 19 | 19 | 250      |
| OR-CMG0806 | 12          | 13/16" UN  | 3/8"  | 28,0 | 36,8 | 19 | 22 | 250      |
| OR-CMG0808 | 12          | 13/16" UN  | 1/2"  | 30,7 | 43,2 | 22 | 27 | 250      |
| OR-CMG0812 | 12          | 13/16" UN  | 3/4"  | 33,5 | 52,0 | 30 | 36 | 250      |
| OR-CMG1006 | 14-15-16    | 1" UNS     | 3/8"  | 33,3 | 43,0 | 27 | 22 | 250      |
| OR-CMG1008 | 14-15-16    | 1" UNS     | 1/2"  | 33,5 | 48,0 | 27 | 27 | 250      |
| OR-CMG1012 | 14-15-16    | 1" UNS     | 3/4"  | 35,8 | 52,0 | 30 | 36 | 250      |
| OR-CMG1208 | 18-20       | 1"3/16 UN  | 1/2"  | 37,5 | 50,0 | 30 | 27 | 250      |
| OR-CMG1212 | 18-20       | 1"3/16 UN  | 3/4"  | 37,5 | 52,0 | 30 | 36 | 250      |
| OR-CMG1216 | 18-20       | 1"3/16 UN  | 1"    | 41,2 | 58,0 | 36 | 41 | 250      |
| OR-CMG1612 | 22-25       | 1"7/16 UN  | 3/4"  | 41,7 | 55,0 | 36 | 36 | 250      |
| OR-CMG1616 | 22-25       | 1"7/16 UN  | 1"    | 41,5 | 58,0 | 36 | 41 | 250      |
| OR-CMG1620 | 22-25       | 1"7/16 UN  | 1"1/4 | 44,7 | 61,0 | 41 | 50 | 210      |
| OR-CMG2016 | 30-32       | 1"11/16 UN | 1"    | 44,7 | 60,0 | 41 | 41 | 250      |
| OR-CMG2020 | 30-32       | 1"11/16 UN | 1"1/4 | 41,0 | 61,0 | 41 | 50 | 210      |
| OR-CMG2424 | 35-38       | 2" UN      | 1"1/2 | 48,8 | 65,0 | 50 | 55 | 140      |



## COUDE 45° ORIENTABLE MALE BSPP



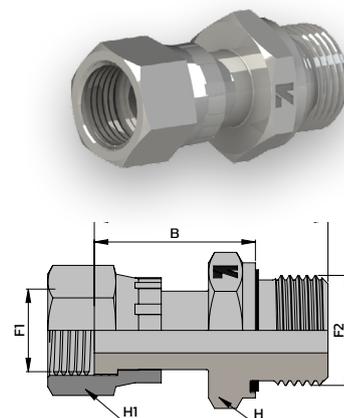
| Référence    | Ø Tube (mm) | F1        | F1   | A    | B    | H  | H1 | PN (bar) |
|--------------|-------------|-----------|------|------|------|----|----|----------|
| OR-CM45G0402 | 6           | 9/16" UNF | 1/8" | 22,0 | 30,0 | 14 | 14 | 250      |
| OR-CM45G0404 | 6           | 9/16" UNF | 1/4" | 24,0 | 36,0 | 19 | 19 | 250      |
| OR-CM45G0604 | 8-10        | 11/16" UN | 1/4" | 25,0 | 36,0 | 19 | 19 | 250      |
| OR-CM45G0606 | 8-10        | 11/16" UN | 3/8" | 27,0 | 38,0 | 19 | 22 | 250      |
| OR-CM45G0608 | 8-10        | 11/16" UN | 1/2" | 29,0 | 49,0 | 27 | 27 | 250      |
| OR-CM45G0806 | 12          | 13/16" UN | 3/8" | 28,0 | 38,0 | 19 | 22 | 250      |
| OR-CM45G0808 | 12          | 13/16" UN | 1/2" | 31,0 | 49,0 | 27 | 27 | 250      |
| OR-CM45G1008 | 14-15-16    | 1" UNS    | 1/2" | 33,0 | 49,0 | 27 | 27 | 250      |
| OR-CM45G1212 | 18-20       | 1"3/16 UN | 3/4" | 37,0 | 52,0 | 30 | 36 | 250      |
| OR-CM45G1616 | 22-25       | 1"7/16 UN | 1"   | 30,0 | 51,0 | 36 | 41 | 250      |



## ADAPTATEUR TOURNANT / BSPP JE



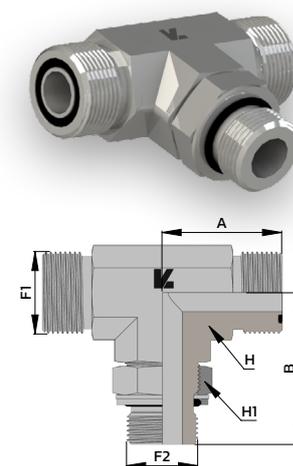
| Référence    | Ø Tube (mm) | F1         | F2    | A    | B    | H  | H1 | PN (bar) |
|--------------|-------------|------------|-------|------|------|----|----|----------|
| OR-AMG0402JE | 6           | 9/16" UNF  | 1/8"  | 34,0 | 26,0 | 14 | 17 | 500      |
| OR-AMG0404JE | 6           | 9/16" UNF  | 1/4"  | 38,0 | 26,0 | 19 | 17 | 500      |
| OR-AMG0604JE | 8-10        | 11/16" UN  | 1/4"  | 40,0 | 28,0 | 19 | 22 | 630      |
| OR-AMG0606JE | 8-10        | 11/16" UN  | 3/8"  | 40,0 | 28,0 | 22 | 22 | 630      |
| OR-AMG0608JE | 8-10        | 11/16" UN  | 1/2"  | 42,0 | 28,0 | 27 | 22 | 420      |
| OR-AMG0804JE | 12          | 13/16" UN  | 1/4"  | 47,0 | 35,0 | 24 | 24 | 630      |
| OR-AMG0806JE | 12          | 13/16" UN  | 3/8"  | 47,0 | 35,0 | 22 | 24 | 630      |
| OR-AMG0808JE | 12          | 13/16" UN  | 1/2"  | 49,0 | 35,0 | 27 | 24 | 420      |
| OR-AMG1006JE | 14-15-16    | 1" UNS     | 3/8"  | 50,0 | 38,0 | 24 | 30 | 420      |
| OR-AMG1008JE | 14-15-16    | 1" UNS     | 1/2"  | 52,0 | 38,0 | 27 | 30 | 420      |
| OR-AMG1012JE | 14-15-16    | 1" UNS     | 3/4"  | 54,0 | 38,0 | 32 | 30 | 420      |
| OR-AMG1212JE | 18-20       | 1"3/16 UN  | 3/4"  | 57,0 | 41,0 | 32 | 36 | 420      |
| OR-AMG1216JE | 18-20       | 1"3/16 UN  | 1"    | 79,5 | 71,5 | 41 | 36 | 420      |
| OR-AMG1616JE | 22-25       | 1"7/16 UN  | 1"    | 67,0 | 49,0 | 41 | 41 | 420      |
| OR-AMG2020JE | 30-32       | 1"11/16 UN | 1"1/4 | 69,0 | 49,0 | 50 | 50 | 350      |
| OR-AMG2424JE | 35-38       | 2" UN      | 1"1/2 | 72,0 | 49,8 | 55 | 60 | 280      |



## TE ORIENTABLE MALE BSPP



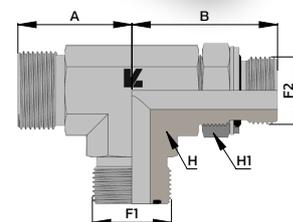
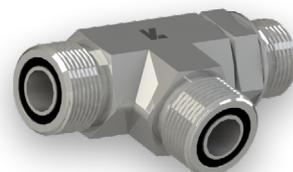
| Référence  | Ø Tube (mm) | F1        | F2   | A    | B    | H  | H1 | PN (bar) |
|------------|-------------|-----------|------|------|------|----|----|----------|
| OR-TMG0404 | 6           | 9/16" UNF | 1/4" | 23,5 | 36,0 | 19 | 19 | 250      |
| OR-TMG0606 | 8-10        | 11/16" UN | 3/8" | 25,0 | 38,0 | 19 | 22 | 250      |
| OR-TMG0806 | 12          | 13/16" UN | 3/8" | 28,0 | 38,0 | 19 | 22 | 250      |
| OR-TMG0808 | 12          | 13/16" UN | 1/2" | 28,0 | 38,0 | 19 | 27 | 250      |
| OR-TMG1008 | 14-15-16    | 1" UNS    | 1/2" | 33,5 | 48,6 | 27 | 27 | 250      |
| OR-TMG1212 | 18-20       | 1"3/16 UN | 3/4" | 37,5 | 51,5 | 30 | 36 | 250      |
| OR-TMG1616 | 22-25       | 1"7/16 UN | 1"   | 41,5 | 58,4 | 36 | 41 | 250      |





### TE ORIENTABLE RENVERSE MALE BSPP

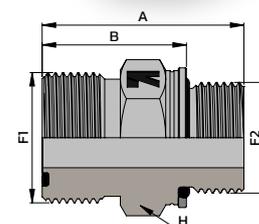
| Référence   | Ø Tube (mm) | F1        | F2   | A    | B    | H  | H1 | PN (bar) |
|-------------|-------------|-----------|------|------|------|----|----|----------|
| OR-TMRG0404 | 6           | 9/16" UNF | 1/4" | 23,5 | 36,0 | 19 | 19 | 250      |
| OR-TMRG0604 | 8-10        | 11/16" UN | 1/4" | 25,0 | 36,0 | 19 | 19 | 250      |
| OR-TMRG0606 | 8-10        | 11/16" UN | 3/8" | 25,0 | 36,8 | 19 | 22 | 250      |
| OR-TMRG0808 | 12          | 13/16" UN | 1/2" | 28,0 | 38,0 | 19 | 27 | 250      |
| OR-TMRG1008 | 14-15-16    | 1" UNS    | 1/2" | 33,5 | 48,6 | 27 | 27 | 250      |
| OR-TMRG1012 | 14-15-16    | 1" UNS    | 3/4" | 35,8 | 51,5 | 30 | 36 | 250      |
| OR-TMRG1212 | 18-20       | 1"3/16 UN | 3/4" | 37,5 | 51,5 | 30 | 36 | 250      |
| OR-TMRG1616 | 22-25       | 1"7/16 UN | 1"   | 41,5 | 58,5 | 36 | 41 | 250      |



### UNION MALE METRIQUE DIN



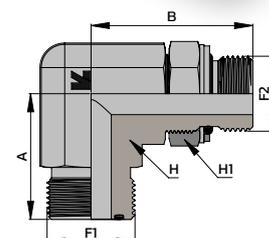
| Référence     | Ø Tube (mm) | F1        | F2      | A    | B    | H  | PN (bar) |
|---------------|-------------|-----------|---------|------|------|----|----------|
| OR-UMMO412DIN | 6           | 9/16" UNF | M12X150 | 29,7 | 17,7 | 17 | 630      |
| OR-UMMO414DIN | 6           | 9/16" UNF | M14X150 | 31,0 | 19,0 | 19 | 630      |
| OR-UMMO614DIN | 8-10        | 11/16" UN | M14X150 | 32,0 | 20,0 | 22 | 630      |
| OR-UMMO616DIN | 8-10        | 11/16" UN | M16X150 | 33,5 | 21,0 | 22 | 630      |
| OR-UMMO618DIN | 8-10        | 11/16" UN | M18X150 | -    | -    | -  | 630      |
| OR-UMMO814DIN | 12          | 13/16" UN | M14X150 | 38,0 | 26,0 | 22 | 630      |
| OR-UMMO816DIN | 12          | 13/16" UN | M16X150 | 36,5 | 24,0 | 24 | 630      |
| OR-UMMO818DIN | 12          | 13/16" UN | M18X150 | -    | -    | -  | 630      |
| OR-UMMO822DIN | 12          | 13/16" UN | M22X150 | 39,5 | 26,0 | 27 | 420      |
| OR-UMM1022DIN | 14-15-16    | 1" UNS    | M22X150 | 41,0 | 27,0 | 27 | 420      |
| OR-UMM1222DIN | 18-20       | 1"3/16 UN | M22X150 | 45,0 | 31,5 | 32 | 420      |
| OR-UMM1226DIN | 18-20       | 1"3/16 UN | M26X150 | 45,0 | 31,0 | 36 | 420      |



### COUDE ORIENTABLE MALE METRIQUE DIN

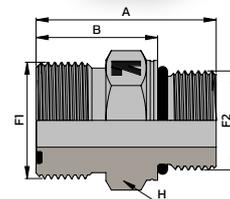


| Référence     | Ø Tube (mm) | F1         | F2      | A    | B    | H  | H1 | PN (bar) |
|---------------|-------------|------------|---------|------|------|----|----|----------|
| OR-CMMO412DIN | 6           | 9/16" UNF  | M12X150 | 21,5 | 33,0 | 14 | 17 | 420      |
| OR-CMMO414DIN | 6           | 9/16" UNF  | M14X150 | 23,5 | 35,5 | 19 | 19 | 420      |
| OR-CMMO614DIN | 8-10        | 11/16" UN  | M14X150 | 25,0 | 36,0 | 19 | 17 | 420      |
| OR-CMMO616DIN | 8-10        | 11/16" UN  | M16X150 | 25,0 | 37,5 | 19 | 19 | 420      |
| OR-CMMO816DIN | 12          | 13/16" UN  | M16X150 | 28,0 | 37,5 | 19 | 19 | 420      |
| OR-CMMO818DIN | 12          | 13/16" UN  | M18X150 | 28,0 | 41,0 | 19 | 22 | 420      |
| OR-CMMO822DIN | 12          | 13/16" UN  | M22X150 | 31,5 | 49,0 | 27 | 27 | 420      |
| OR-CMM1022DIN | 14-15-16    | 1" UNS     | M22X150 | 33,5 | 49,0 | 27 | 27 | 420      |
| OR-CMM1222DIN | 18-20       | 1"3/16 UN  | M22X150 | -    | -    | -  | -  | 420      |
| OR-CMM2042DIN | 30-32       | 1"11/16 UN | M42X200 | 45,0 | 63,0 | 41 | 50 | 280      |
| OR-CMM2448DIN | 35-38       | 2" UN      | M48X200 | 49,0 | 72,0 | 50 | 55 | 280      |



## UNION MALE METRIQUE ISO

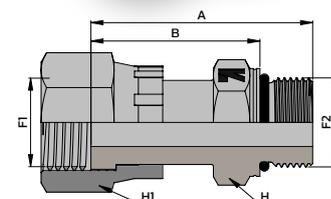
| Référence     | Ø Tube (mm) | F1         | F2      | A    | B    | H  | PN (bar) |
|---------------|-------------|------------|---------|------|------|----|----------|
| OR-UMMO412ISO | 6           | 9/16" UNF  | M12X150 | 28,5 | 17,5 | 17 | 630      |
| OR-UMMO414ISO | 6           | 9/16" UNF  | M14X150 | 29,5 | 18,5 | 19 | 630      |
| OR-UMMO418ISO | 6           | 9/16" UNF  | M18X150 | 35,0 | 25,0 | 24 | 630      |
| OR-UMMO514ISO | -           | 5/8" UNF   | M14X150 | 29,5 | 18,5 | 19 | 630      |
| OR-UMMO612ISO | 8-10        | 11/16" UN  | M12X150 | 32,0 | 21,0 | 19 | 630      |
| OR-UMMO614ISO | 8-10        | 11/16" UN  | M14X150 | 32,0 | 21,0 | 19 | 630      |
| OR-UMMO616ISO | 8-10        | 11/16" UN  | M16X150 | 33,5 | 21,0 | 22 | 630      |
| OR-UMMO618ISO | 8-10        | 11/16" UN  | M18X150 | 36,0 | 22,0 | 24 | 630      |
| OR-UMMO622ISO | 8-10        | 11/16" UN  | M22X150 | 37,5 | 22,5 | 27 | 420      |
| OR-UMMO814ISO | 12          | 13/16" UN  | M14X150 | 35,0 | 24,0 | 22 | 630      |
| OR-UMMO816ISO | 12          | 13/16" UN  | M16X150 | 36,5 | 24,0 | 24 | 630      |
| OR-UMMO818ISO | 12          | 13/16" UN  | M18X150 | 38,0 | 24,0 | 24 | 630      |
| OR-UMMO822ISO | 12          | 13/16" UN  | M22X150 | 39,5 | 27,0 | 27 | 420      |
| OR-UMM1014ISO | 14-15-16    | 1" UNS     | M14X150 | 38,0 | 27,0 | 27 | 420      |
| OR-UMM1018ISO | 14-15-16    | 1" UNS     | M18X150 | 41,0 | 27,0 | 27 | 420      |
| OR-UMM1022ISO | 14-15-16    | 1" UNS     | M22X150 | 42,0 | 27,0 | 27 | 420      |
| OR-UMM1027ISO | 14-15-16    | 1" UNS     | M27X200 | 47,0 | 28,5 | 32 | 420      |
| OR-UMM1033ISO | 14-15-16    | 1" UNS     | M33X200 | 50,0 | 31,5 | 41 | 420      |
| OR-UMM1218ISO | 18-20       | 1"3/16 UN  | M18X150 | 44,0 | 30,0 | 32 | 420      |
| OR-UMM1222ISO | 18-20       | 1"3/16 UN  | M22X150 | 45,0 | 30,0 | 32 | 420      |
| OR-UMM1227ISO | 18-20       | 1"3/16 UN  | M27X200 | 48,5 | 30,0 | 32 | 420      |
| OR-UMM1233ISO | 18-20       | 1"3/16 UN  | M33X200 | 51,5 | 33,0 | 41 | 420      |
| OR-UMM1622ISO | 22-25       | 1"7/16 UN  | M22X150 | 48,5 | 33,5 | 41 | 420      |
| OR-UMM1627ISO | 22-25       | 1"7/16 UN  | M27X200 | 52,0 | 33,5 | 41 | 420      |
| OR-UMM1633ISO | 22-25       | 1"7/16 UN  | M33X200 | 50,5 | 32,0 | 41 | 420      |
| OR-UMM1642ISO | 22-25       | 1"7/16 UN  | M42X200 | 52,8 | 33,8 | 50 | 420      |
| OR-UMM2042ISO | 30-32       | 1"11/16 UN | M42X200 | 54,5 | 35,5 | 50 | 420      |
| OR-UMM2048ISO | 35-38       | 1"11/16 UN | M48X200 | 57,0 | 35,5 | 55 | 350      |
| OR-UMM2460ISO | 35-38       | 2" UN      | M60X200 | 57,0 | 33,0 | 65 | 200      |



## ADAPTATEUR TOURNANT / METRIQUE ISO



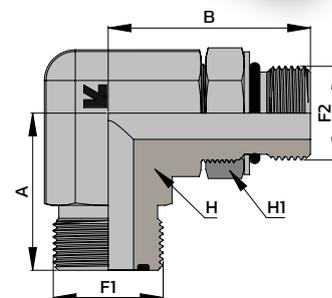
| Référence     | Ø Tube (mm) | F1        | F2      | A    | B    | H  | H1 | PN (bar) |
|---------------|-------------|-----------|---------|------|------|----|----|----------|
| OR-AMMO412ISO | 6           | 9/16" UNF | M12X150 | 37,2 | 26,2 | 17 | 19 | 500      |
| OR-AMMO418ISO | 6           | 9/16" UNF | M18X150 | -    | -    | -  | -  | 500      |
| OR-AMMO614ISO | 8-10        | 11/16" UN | M14X150 | 39,0 | 28,0 | 19 | 22 | 630      |
| OR-AMM1227ISO | 18-20       | 1"3/16 UN | M27X200 | 59,7 | 41,2 | 32 | 36 | 420      |





## COUDE ORIENTABLE MALE METRIQUE ISO

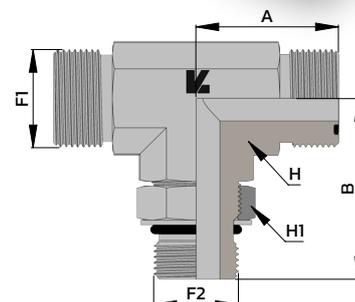
| Référence     | Ø Tube (mm) | F1        | F2      | A    | B    | H  | H1 | PN (bar) |
|---------------|-------------|-----------|---------|------|------|----|----|----------|
| OR-CMMO410ISO | 6           | 9/16" UNF | M10X100 | 21,5 | 31,0 | 14 | 14 | 420      |
| OR-CMMO412ISO | 6           | 9/16" UNF | M12X150 | 21,5 | 33,0 | 14 | 17 | 420      |
| OR-CMMO414ISO | 6           | 9/16" UNF | M14X150 | 24,0 | 33,5 | 14 | 19 | 420      |
| OR-CMMO416ISO | 6           | 9/16" UNF | M16X150 | 23,5 | 37,5 | 19 | 22 | 420      |
| OR-CMMO418ISO | 6           | 9/16" UNF | M8X150  | -    | -    | -  | -  | 420      |
| OR-CMMO612ISO | 8-10        | 11/16" UN | M12X150 | 25,0 | 35,5 | 19 | 17 | 420      |
| OR-CMMO614ISO | 8-10        | 11/16" UN | M14X150 | 25,0 | 35,5 | 19 | 19 | 420      |
| OR-CMMO616ISO | 8-10        | 11/16" UN | M16X150 | 25,0 | 37,5 | 19 | 22 | 420      |
| OR-CMMO618ISO | 8-10        | 11/16" UN | M18X150 | 26,5 | 41,0 | 19 | 24 | 420      |
| OR-CMMO814ISO | 12          | 13/16" UN | M14X150 | 28,0 | 36,0 | 19 | 19 | 420      |
| OR-CMMO816ISO | 12          | 13/16" UN | M16X150 | 28,0 | 38,0 | 19 | 22 | 420      |
| OR-CMMO818ISO | 12          | 13/16" UN | M18X150 | 28,0 | 41,0 | 19 | 24 | 420      |
| OR-CMMO822ISO | 12          | 13/16" UN | M22X150 | 31,0 | 49,0 | 27 | 27 | 420      |
| OR-CMMO827ISO | 12          | 13/16" UN | M27X200 | 34,0 | 55,5 | 30 | 32 | 420      |
| OR-CMM1018ISO | 14-15-16    | 1" UNS    | M18X150 | 33,5 | 47,5 | 27 | 24 | 420      |
| OR-CMM1022ISO | 14-15-16    | 1" UNS    | M22X150 | 33,5 | 49,0 | 27 | 27 | 420      |
| OR-CMM1222ISO | 18-20       | 1 3/16 UN | M22X150 | 37,5 | 49,0 | 27 | 27 | 420      |
| OR-CMM1227ISO | 18-20       | 1 3/16 UN | M27X200 | 37,5 | 55,5 | 30 | 32 | 420      |
| OR-CMM1233ISO | 18-20       | 1 3/16 UN | M33X200 | 41,0 | 59,5 | 36 | 41 | 420      |
| OR-CMM1627ISO | 22-25       | 1 7/16 UN | M27X200 | 41,5 | 59,5 | 36 | 36 | 420      |
| OR-CMM1633ISO | 22-25       | 1 7/16 UN | M33X200 | 41,5 | 59,5 | 36 | 41 | 420      |



## TE ORIENTABLE MALE METRIQUE ISO



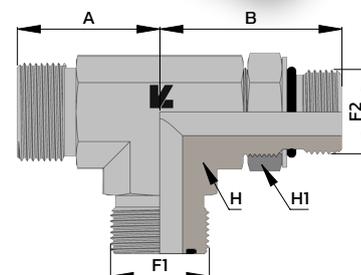
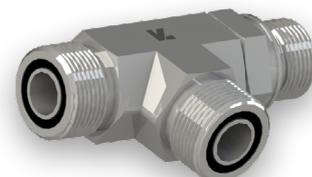
| Référence     | Ø Tube (mm) | F1         | F2      | A    | B    | H  | H1 | PN (bar) |
|---------------|-------------|------------|---------|------|------|----|----|----------|
| OR-TMMO412ISO | 6           | 9/16" UNF  | M12X150 | 21,5 | 33,0 | 14 | 17 | 420      |
| OR-TMMO614ISO | 8-10        | 11/16" UN  | M14X150 | 25,0 | 35,5 | 19 | 19 | 420      |
| OR-TMMO616ISO | 8-10        | 11/16" UN  | M16X150 | 25,0 | 37,0 | 19 | 22 | 420      |
| OR-TMMO818ISO | 12          | 13/16" UN  | M18x150 | 28,0 | 41,0 | 19 | 24 | 420      |
| OR-TMM1022ISO | 14-15-16    | 1" UNS     | M22X150 | 33,5 | 49,0 | 27 | 27 | 420      |
| OR-TMM2042ISO | 30-32       | 1 11/16 UN | M42X200 | 45,0 | 62,0 | 41 | 50 | 280      |



## TE ORIENTABLE RENVERSE MALE METRIQUE ISO



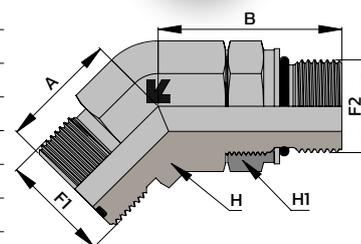
| Référence             | Ø Tube (mm) | F1        | F2      | A    | B    | H  | H1 | PN (bar) |
|-----------------------|-------------|-----------|---------|------|------|----|----|----------|
| <b>OR-TMRM0818ISO</b> | 12          | 13/16" UN | M18X150 | 28,0 | 41,0 | 19 | 24 | 420      |
| <b>OR-TMRM1227ISO</b> | 18-20       | 1"3/16 UN | M27X150 | 37,5 | 55,5 | 27 | 32 | 420      |
| <b>OR-TMRM1633ISO</b> | 22-25       | 1"7/16 UN | M33X200 | 42,0 | 59,0 | 36 | 41 | 420      |



## COUDE 45° ORIENTABLE MALE METRIQUE ISO



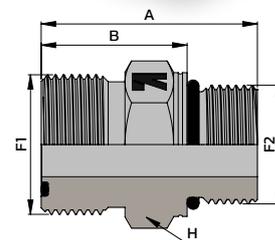
| Référence              | Ø Tube (mm) | F1         | F2      | A    | B    | H  | H1 | PN (bar) |
|------------------------|-------------|------------|---------|------|------|----|----|----------|
| <b>OR-CM45M0614ISO</b> | 8-10        | 11/16" UN  | M14X150 | 19,0 | 31,5 | 19 | 19 | 250      |
| <b>OR-CM45M0616ISO</b> | 8-10        | 11/16" UN  | M16X150 | 19,0 | 33,5 | 17 | 22 | 250      |
| <b>OR-CM45M0618ISO</b> | 8-10        | 11/16" UN  | M18X150 | 19,0 | 37,0 | 19 | 24 | 250      |
| <b>OR-CM45M0814ISO</b> | 12          | 13/16" UN  | M14X150 | 20,5 | 32,0 | 19 | 19 | 250      |
| <b>OR-CM45M0818ISO</b> | 12          | 13/16" UN  | M18X150 | 20,5 | 37,0 | 19 | 24 | 250      |
| <b>OR-CM45M1022ISO</b> | 14-15-16    | 1" UNS     | M22X150 | 23,0 | 43,0 | 27 | 27 | 250      |
| <b>OR-CM45M1222ISO</b> | 18-20       | 1"3/16 UN  | M22X150 | 26,0 | 44,0 | 30 | 30 | 250      |
| <b>OR-CM45M1227ISO</b> | 18-20       | 1"3/16 UN  | M27x200 | 26,0 | 50,5 | 30 | 32 | 250      |
| <b>OR-CM45M1633ISO</b> | 22-25       | 1"7/16 UN  | M33X200 | 30,0 | 52,5 | 36 | 41 | 140      |
| <b>OR-CM45M1642ISO</b> | 22-25       | 1"7/16 UN  | M42X200 | 32,0 | 54,0 | 41 | 50 | 140      |
| <b>OR-CM45M2042ISO</b> | 30-32       | 1"11/16 UN | M42X200 | 32,0 | 54,0 | 41 | 50 | 140      |
| <b>OR-CM45M2448ISO</b> | 35-38       | 2" UN      | M48X200 | 37,0 | 56,5 | 50 | 55 | 140      |





## UNION MALE SAE

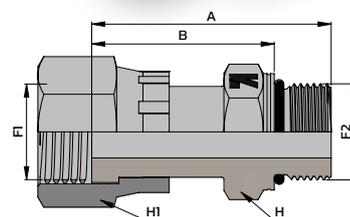
| Référence  | Ø Tube (mm) | F1         | F2        | A    | B    | H  | PN (bar) |
|------------|-------------|------------|-----------|------|------|----|----------|
| OR-UMU0404 | 6           | 9/16" UNF  | 7/16" UNF | 29,0 | 18,0 | 17 | 630      |
| OR-UMU0405 | 6           | 9/16" UNF  | 1/2" UNF  | -    | -    | -  | 630      |
| OR-UMU0406 | 6           | 9/16" UNF  | 9/16" UNF | 30,3 | 18,3 | 19 | 630      |
| OR-UMU0408 | 6           | 9/16" UNF  | 3/4" UNF  | -    | -    | -  | 630      |
| OR-UMU0604 | 8-10        | 11/16" UN  | 7/16" UNF | 34,0 | 23,0 | 19 | 630      |
| OR-UMU0605 | 8-10        | 11/16" UN  | 1/2" UNF  | -    | -    | -  | 630      |
| OR-UMU0606 | 8-10        | 11/16" UN  | 9/16" UNF | 32,0 | 19,8 | 19 | 630      |
| OR-UMU0608 | 8-10        | 11/16" UN  | 3/4" UNF  | 35,0 | 21,1 | 22 | 630      |
| OR-UMU0610 | 8-10        | 11/16" UN  | 7/8" UNF  | 39,0 | 28,0 | 27 | 420      |
| OR-UMU0804 | 12          | 13/16" UN  | 7/16" UNF | 36,5 | 25,5 | 22 | 630      |
| OR-UMU0806 | 12          | 13/16" UN  | 9/16" UNF | 37,4 | 25,4 | 22 | 630      |
| OR-UMU0808 | 12          | 13/16" UN  | 3/4" UNF  | 36,6 | 22,6 | 22 | 630      |
| OR-UMU0810 | 12          | 13/16" UN  | 7/8" UNF  | 40,4 | 24,4 | 27 | 420      |
| OR-UMU0812 | 12          | 13/16" UN  | 1"1/16 UN | -    | -    | -  | 420      |
| OR-UMU1008 | 14-15-16    | 1" UNS     | 3/4" UNF  | 45,0 | 31,2 | 27 | 420      |
| OR-UMU1010 | 14-15-16    | 1" UNS     | 7/8" UNF  | 43,0 | 27,1 | 27 | 420      |
| OR-UMU1012 | 14-15-16    | 1" UNS     | 1"1/16 UN | 47,0 | 28,6 | 32 | 420      |
| OR-UMU1210 | 18-20       | 1"3/16 UN  | 7/8" UNF  | 50,5 | 34,5 | 32 | 420      |
| OR-UMU1212 | 18-20       | 1"3/16 UN  | 1"1/16 UN | 50,5 | 30,1 | 32 | 420      |
| OR-UMU1216 | 18-20       | 1"3/16 UN  | 1"5/16 UN | 50,5 | 31,5 | 38 | 420      |
| OR-UMU1612 | 22-25       | 1"7/16 UN  | 1"1/16 UN | 54,3 | 35,8 | 38 | 420      |
| OR-UMU1616 | 22-25       | 1"7/16 UN  | 1"5/16 UN | 50,5 | 31,8 | 41 | 420      |
| OR-UMU1620 | 22-25       | 1"7/16 UN  | 1"5/8 UN  | 52,0 | 34,5 | 48 | 420      |
| OR-UMU2016 | 30-32       | 1"11/16 UN | 1"5/16 UN | 57,3 | 38,8 | 48 | 420      |
| OR-UMU2020 | 30-32       | 1"11/16 UN | 1"5/8 UN  | 52,5 | 33,8 | 46 | 420      |



## ADAPTATEUR TOURNANT / SAE



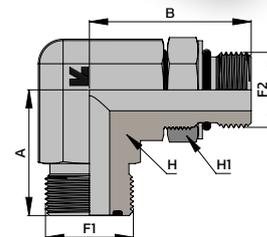
| Référence  | Ø Tube (mm) | F1         | F2        | A    | B    | H  | H1 | PN (bar) |
|------------|-------------|------------|-----------|------|------|----|----|----------|
| OR-AMU0404 | 6           | 9/16" UNF  | 7/16" UNF | 27,0 | 26,0 | 17 | 17 | 500      |
| OR-AMU0604 | 8-10        | 11/16" UN  | 7/16" UNF | 40,0 | 28,0 | 19 | 22 | 630      |
| OR-AMU0606 | 8-10        | 11/16" UN  | 9/16" UNF | 40,0 | 28,0 | 19 | 22 | 630      |
| OR-AMU0608 | 8-10        | 11/16" UN  | 3/4" UNF  | 44,0 | 32,0 | 22 | 22 | 630      |
| OR-AMU0808 | 12          | 13/16" UN  | 3/4" UNF  | 50,0 | 35,0 | 22 | 24 | 630      |
| OR-AMU0810 | 12          | 13/16" UN  | 7/8" UNF  | 50,0 | 35,0 | 27 | 24 | 420      |
| OR-AMU1008 | 14-15-16    | 1" UNS     | 3/4" UNF  | 52,0 | 38,0 | 27 | 30 | 420      |
| OR-AMU1010 | 14-15-16    | 1" UNS     | 7/8" UNF  | 54,0 | 38,0 | 27 | 30 | 420      |
| OR-AMU1012 | 14-15-16    | 1" UNS     | 1"1/16 UN | 58,0 | 39,0 | 32 | 30 | 420      |
| OR-AMU1208 | 18-20       | 1"3/16 UN  | 3/4" UNF  | -    | -    | -  | -  | 420      |
| OR-AMU1212 | 18-20       | 1"3/16 UN  | 1"1/16 UN | 60,0 | 41,5 | 32 | 36 | 420      |
| OR-AMU1216 | 18-20       | 1"3/16 UN  | 1"5/16 UN | 66,5 | 48,0 | 41 | 36 | 420      |
| OR-AMU1616 | 22-25       | 1"7/16 UN  | 1"5/16 UN | 67,5 | 49,0 | 41 | 41 | 420      |
| OR-AMU2020 | 30-32       | 1"11/16 UN | 1"5/8 UN  | 67,5 | 49,0 | 46 | 50 | 350      |
| OR-AMU2424 | 35-38       | 2" UN      | 1"7/8 UN  | 67,5 | 49,0 | 55 | 60 | 280      |



## COUDE ORIENTABLE MALE SAE



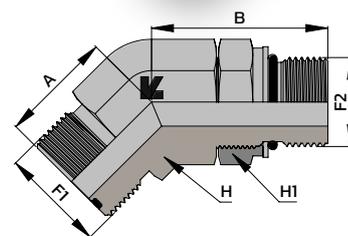
| Référence  | Ø Tube (mm) | F1         | F2        | A    | B    | H  | H1 | PN (bar) |
|------------|-------------|------------|-----------|------|------|----|----|----------|
| OR-CMU0404 | 6           | 9/16" UNF  | 7/16" UNF | 21,8 | 33,0 | 14 | 14 | 420      |
| OR-CMU0406 | 6           | 9/16" UNF  | 9/16" UNF | 24,0 | 37,0 | 19 | 19 | 420      |
| OR-CMU0604 | 8-10        | 11/16" UN  | 7/16" UNF | 25,0 | 35,0 | 19 | 17 | 420      |
| OR-CMU0606 | 8-10        | 11/16" UN  | 9/16" UNF | 24,7 | 36,8 | 19 | 19 | 420      |
| OR-CMU0608 | 8-10        | 11/16" UN  | 3/4" UNF  | 26,8 | 41,0 | 19 | 24 | 420      |
| OR-CMU0804 | 12          | 13/16" UN  | 7/16" UNF | 28,0 | 34,0 | 19 | 17 | 420      |
| OR-CMU0806 | 12          | 13/16" UN  | 9/16" UNF | 28,0 | 37,0 | 19 | 19 | 420      |
| OR-CMU0808 | 12          | 13/16" UN  | 3/4" UNF  | 28,0 | 41,0 | 19 | 24 | 420      |
| OR-CMU0810 | 12          | 13/16" UN  | 7/8" UNF  | 31,0 | 50,0 | 27 | 27 | 420      |
| OR-CMU1008 | 14-15-16    | 1" UNS     | 3/4" UNF  | 31,0 | 41,0 | 27 | 24 | 420      |
| OR-CMU1010 | 14-15-16    | 1" UNS     | 7/8" UNF  | 33,9 | 50,0 | 27 | 27 | 420      |
| OR-CMU1012 | 14-15-16    | 1" UNS     | 1"1/16 UN | -    | -    | -  | -  | 420      |
| OR-CMU1210 | 18-20       | 1"3/16 UN  | 7/8" UNF  | -    | -    | -  | -  | 420      |
| OR-CMU1212 | 18-20       | 1"3/16 UN  | 1"1/16 UN | 37,5 | 55,0 | 30 | 32 | 420      |
| OR-CMU1216 | 18-20       | 1"3/16 UN  | 1"5/16 UN | 41,3 | 60,0 | 36 | 41 | 380      |
| OR-CMU1616 | 22-25       | 1"7/16 UN  | 1"5/16 UN | 41,3 | 59,7 | 36 | 41 | 380      |
| OR-CMU2020 | 30-32       | 1"11/16 UN | 1"5/8 UN  | 44,5 | 62,3 | 41 | 50 | 280      |



## COUDE 45° ORIENTABLE MALE SAE



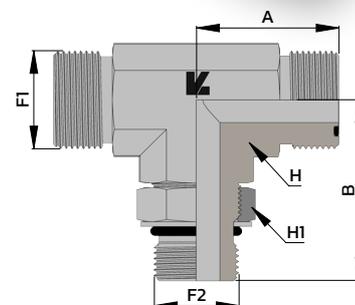
| Référence    | D. Tube  | F1        | F2        | A    | B    | H  | H1 | PN (bar) |
|--------------|----------|-----------|-----------|------|------|----|----|----------|
| OR-CM45U0404 | 6        | 9/16" UNF | 7/16" UNF | 21,8 | 33,0 | 14 | 14 | 630      |
| OR-CM45U0406 | 6        | 9/16" UNF | 9/16" UNF | 21,8 | 36,8 | 14 | 19 | 630      |
| OR-CM45U0604 | 8-10     | 11/16" UN | 7/16" UNF | 24,7 | 33,0 | 19 | 14 | 630      |
| OR-CM45U0606 | 8-10     | 11/16" UN | 9/16" UNF | 24,7 | 36,8 | 19 | 19 | 630      |
| OR-CM45U0608 | 8-10     | 11/16" UN | 3/4" UNF  | 26,8 | 41,0 | 19 | 24 | 630      |
| OR-CM45U0808 | 12       | 13/16" UN | 3/4" UNF  | 28,0 | 40,6 | 19 | 24 | 630      |
| OR-CM45U1010 | 14-15-16 | 1" UNS    | 7/8" UNF  | 33,9 | 50,0 | 27 | 27 | 420      |
| OR-CM45U1212 | 18-20    | 1"3/16 UN | 1"1/16 UN | 37,5 | 55,0 | 30 | 32 | 420      |
| OR-CM45U1616 | 22-25    | 1"7/16 UN | 1"5/16 UN | 40,0 | 52,0 | 36 | 41 | 420      |



**TE ORIENTABLE MALE SAE**



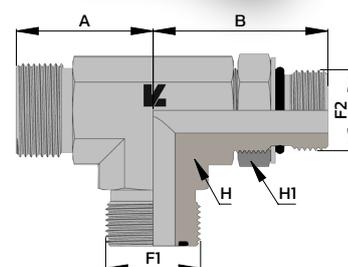
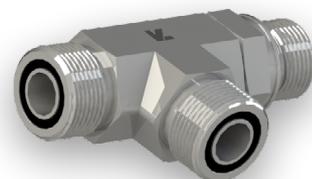
| Référence         | Ø Tube (mm) | F1        | F2        | A    | B    | H  | H1 | PN (bar) |
|-------------------|-------------|-----------|-----------|------|------|----|----|----------|
| <b>OR-TMU0404</b> | 6           | 9/16" UNF | 7/16" UNF | 21,8 | 33,0 | 14 | 14 | 420      |
| <b>OR-TMU0606</b> | 8-10        | 11/16" UN | 9/16" UNF | 24,7 | 36,8 | 19 | 19 | 420      |
| <b>OR-TMU0808</b> | 12          | 13/16" UN | 3/4" UNF  | 28,0 | 40,6 | 19 | 24 | 420      |
| <b>OR-TMU1010</b> | 14-15-16    | 1" UNS    | 7/8" UNF  | 33,9 | 50,0 | 27 | 27 | 420      |
| <b>OR-TMU1212</b> | 18-20       | 1"3/16 UN | 1"1/16 UN | 37,5 | 55,0 | 30 | 32 | 420      |
| <b>OR-TMU1616</b> | 22-25       | 1"7/16 UN | 1"5/16 UN | 41,3 | 59,7 | 36 | 41 | 380      |



**TE ORIENTABLE RENVERSE MALE SAE**



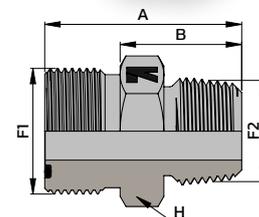
| Référence          | Ø Tube (mm) | F1        | F2        | A    | B    | H  | H1 | PN (bar) |
|--------------------|-------------|-----------|-----------|------|------|----|----|----------|
| <b>OR-TMRU0404</b> | 6           | 9/16" UNF | 7/16" UNF | 21,8 | 33,0 | 14 | 14 | 420      |
| <b>OR-TMRU0606</b> | 8-10        | 11/16" UN | 9/16" UNF | 24,7 | 36,8 | 19 | 19 | 420      |
| <b>OR-TMRU0808</b> | 12          | 13/16" UN | 3/4" UNF  | 28,0 | 40,6 | 19 | 24 | 420      |
| <b>OR-TMRU1010</b> | 14-15-16    | 1" UNS    | 7/8" UNF  | 33,9 | 50,0 | 27 | 27 | 420      |
| <b>OR-TMRU1212</b> | 18-20       | 1"3/16 UN | 1"1/16 UN | 37,5 | 55,0 | 30 | 32 | 420      |
| <b>OR-TMRU1616</b> | 22-25       | 1"7/16 UN | 1"5/16 UN | 41,3 | 59,7 | 36 | 41 | 380      |



## UNION MALE NPT



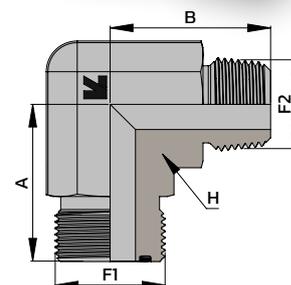
| Référence    | Ø Tube (mm) | F1         | F2    | A    | B    | H  | PN (bar) |
|--------------|-------------|------------|-------|------|------|----|----------|
| OR-UM0402NPT | 6           | 9/16" UNF  | 1/8"  | 27   | 21   | 16 | 420      |
| OR-UM0404NPT | 6           | 9/16" UNF  | 1/4"  | 32,0 | 18,0 | 16 | 420      |
| OR-UM0406NPT | 6           | 9/16" UNF  | 3/8"  | 33,5 | 25,5 | 19 | 420      |
| OR-UM0604NPT | 8-10        | 11/16" UN  | 1/4"  | 32,0 | 17,4 | 19 | 420      |
| OR-UM0606NPT | 8-10        | 11/16" UN  | 3/8"  | 34,0 | 19,8 | 19 | 420      |
| OR-UM0608NPT | 8-10        | 11/16" UN  | 1/2"  | 39,5 | 20,3 | 22 | 420      |
| OR-UM0806NPT | 12          | 13/16" UN  | 3/8"  | 37,5 | 28,5 | 22 | 420      |
| OR-UM0808NPT | 12          | 13/16" UN  | 1/2"  | 41,7 | 22,6 | 22 | 420      |
| OR-UM0812NPT | 12          | 13/16" UN  | 3/4"  | 43,0 | 30,5 | 30 | 380      |
| OR-UM1008NPT | 14-15-16    | 1" UNS     | 1/2"  | 45,5 | 34,5 | 27 | 420      |
| OR-UM1012NPT | 14-15-16    | 1" UNS     | 3/4"  | 46,5 | 34,0 | 30 | 380      |
| OR-UM1208NPT | 18-20       | 1"3/16 UN  | 1/2"  | 49,0 | 37,5 | 32 | 420      |
| OR-UM1212NPT | 18-20       | 1"3/16 UN  | 3/4"  | 49,0 | 37,0 | 32 | 380      |
| OR-UM1216NPT | 18-20       | 1"3/16 UN  | 1"    | 54,0 | 39,5 | 36 | 310      |
| OR-UM1612NPT | 22-25       | 1"7/16 UN  | 3/4"  | 51,0 | 36,5 | 38 | 380      |
| OR-UM1616NPT | 22-25       | 1"7/16 UN  | 1"    | 55,5 | 41,0 | 38 | 310      |
| OR-UM2020NPT | 30-32       | 1"11/16 UN | 1"1/4 | 58,5 | 43,5 | 48 | 210      |
| OR-UM2424NPT | 35-38       | 2" UN      | 1"1/2 | 61,0 | 46,0 | 55 | 200      |



## COUDE MALE NPT



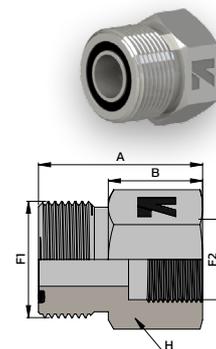
| Référence    | Ø Tube (mm) | F1         | F2    | A    | B    | H  | PN (bar) |
|--------------|-------------|------------|-------|------|------|----|----------|
| OR-CM0402NPT | 6           | 9/16" UNF  | 1/8"  | 21,5 | 20,5 | 14 | 420      |
| OR-CM0404NPT | 6           | 9/16" UNF  | 1/4"  | 21,5 | 28,5 | 14 | 420      |
| OR-CM0604NPT | 8-10        | 11/16" UN  | 1/4"  | 25,0 | 27,7 | 19 | 420      |
| OR-CM0606NPT | 8-10        | 11/16" UN  | 3/8"  | 25,0 | 31,0 | 19 | 420      |
| OR-CM0608NPT | 8-10        | 11/16" UN  | 1/2"  | 29,5 | 37,3 | 22 | 420      |
| OR-CM0804NPT | 12          | 13/16" UN  | 1/4"  | -    | -    | -  | 420      |
| OR-CM0806NPT | 12          | 13/16" UN  | 3/8"  | 28,0 | 31,0 | 19 | 420      |
| OR-CM0808NPT | 12          | 13/16" UN  | 1/2"  | 28,0 | 37,3 | 22 | 420      |
| OR-CM1006NPT | 14-15-16    | 1" UNS     | 3/8"  | -    | -    | -  | 420      |
| OR-CM1008NPT | 14-15-16    | 1" UNS     | 1/2"  | 33,5 | 37,5 | 27 | 420      |
| OR-CM1216NPT | 18-20       | 1"3/16 UN  | 1"    | 41,0 | 50,0 | 36 | 210      |
| OR-CM1620NPT | 22-25       | 1"7/16 UN  | 1"1/4 | -    | -    | -  | 175      |
| OR-CM2016NPT | 30-32       | 1"11/16 UN | 1"    | -    | -    | -  | 175      |
| OR-CM2020NPT | 30-32       | 1"11/16 UN | 1"1/4 | 44,5 | 60,5 | 41 | 175      |
| OR-CM2424NPT | 35-38       | 2" UN      | 1"1/2 | 49,0 | 67,1 | 48 | 175      |



## UNION FEMELLE BSPP



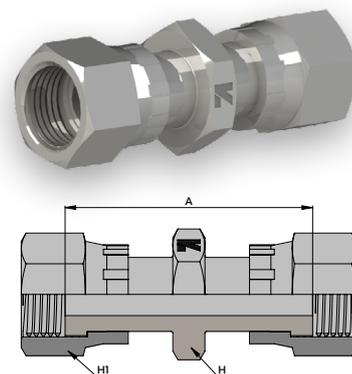
| Référence  | Ø Tube (mm) | F1        | F2   | A    | B    | H  | PN (bar) |
|------------|-------------|-----------|------|------|------|----|----------|
| OR-UFG0404 | 6           | 9/16" UNF | 1/4" | 31,0 | 21,0 | 19 | 420      |
| OR-UFG0604 | 8-10        | 11/16" UN | 1/4" | 32,0 | 21,0 | 19 | 420      |
| OR-UFG0804 | 12          | 13/16" UN | 1/4" | 34,0 | 21,0 | 22 | 420      |
| OR-UFG0806 | 12          | 13/16" UN | 3/8" | 35,0 | 22,0 | 24 | 420      |
| OR-UFG0808 | 12          | 13/16" UN | 1/2" | 43,0 | 26,0 | 32 | 420      |
| OR-UFG1008 | 14-15-16    | 1" UNS    | 1/2" | 41,5 | 26,0 | 30 | 420      |
| OR-UFG1208 | 18-20       | 1"3/16 UN | 1/2" | -    | -    | -  | 420      |
| OR-UFG1212 | 18-20       | 1"3/16 UN | 3/4" | 46,0 | 29,0 | 36 | 420      |
| OR-UFG1616 | 22-25       | 1"7/16 UN | 1"   | 48,5 | 31,0 | 41 | 420      |



## UNION FEMELLE / FEMELLE



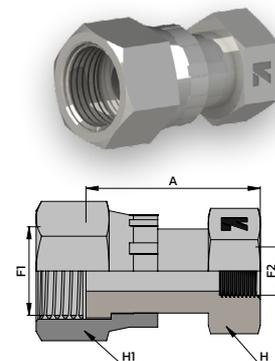
| Référence  | Ø Tube (mm) | F         | A    | H  | H1 | PN (bar) |
|------------|-------------|-----------|------|----|----|----------|
| OR-UFF0404 | 6           | 9/16" UNF | 39,5 | 17 | 17 | 500      |
| OR-UFF0606 | 8-10        | 11/16" UN | 45,0 | 19 | 22 | 630      |
| OR-UFF0808 | 12          | 13/16" UN | 51,5 | 22 | 24 | 630      |
| OR-UFF1010 | 14-15-16    | 1" UNS    | 61,5 | 27 | 30 | 420      |
| OR-UFF1212 | 18-20       | 1"3/16 UN | 68,0 | 32 | 36 | 420      |
| OR-UFF1616 | 22-25       | 1"7/16 UN | 71,5 | 41 | 41 | 420      |



## ADAPTATEUR TOURNANT / BSPP MANO



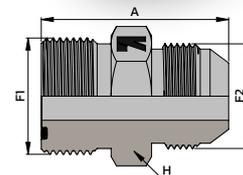
| Référence    | Ø Tube (mm) | F1         | F2   | A    | H  | H1 | PN (bar) |
|--------------|-------------|------------|------|------|----|----|----------|
| OR-UFF0404PP | 6           | 9/16" UNF  | 1/4" | 38,0 | 19 | 17 | 420      |
| OR-UFF0604PP | 8-10        | 11/16" UN  | 1/4" | 41,0 | 19 | 22 | 420      |
| OR-UFF0804PP | 12          | 13/16" UN  | 1/4" | 43,0 | 19 | 24 | 420      |
| OR-UFF1004PP | 14-15-16    | 1" UNS     | 1/4" | 18,0 | 30 | -  | 420      |
| OR-UFF1204PP | 18-20       | 1"3/16 UN  | 1/4" | 18,0 | 36 | -  | 420      |
| OR-UFF1604PP | 22-25       | 1"7/16 UN  | 1/4" | 18,0 | 41 | -  | 420      |
| OR-UFF2004PP | 30-32       | 1"11/16 UN | 1/4" | 18,0 | 50 | -  | 280      |



## UNION MALE JIC 74°



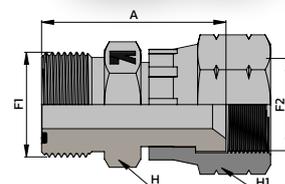
| Référence   | Ø Tube (mm) | F1        | F2        | A    | H  | PN (bar) |
|-------------|-------------|-----------|-----------|------|----|----------|
| OR-MOMJ0606 | 8-10        | 11/16" UN | 9/16" UNF | 34,0 | 19 | 420      |
| OR-MOMJ0808 | 12          | 13/16" UN | 3/4" UNF  | 39,0 | 22 | 420      |
| OR-MOMJ1010 | 14-15-16    | 1" UNS    | 7/8" UNF  | 46,5 | 27 | 350      |
| OR-MOMJ1212 | 18-20       | 1"3/16 UN | 1"1/16 UN | 52,0 | 32 | 350      |
| OR-MOMJ1616 | 22-25       | 1"7/16 UN | 1"5/16 UN | 55,0 | 41 | 280      |



## UNION FEMELLE JIC 74°



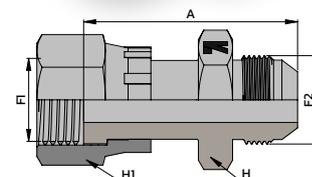
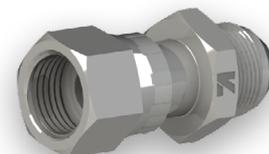
| Référence   | Ø Tube (mm) | F1        | F2        | A    | H  | H1 | PN (bar) |
|-------------|-------------|-----------|-----------|------|----|----|----------|
| OR-MOFJ0404 | 6           | 9/16" UNF | 7/16" UNF | 26,5 | 16 | 17 | 420      |
| OR-MOFJ0606 | 8-10        | 11/16" UN | 9/16" UNF | 29,0 | 19 | 19 | 420      |



## ADAPTATEUR TOURNANT / MALE JIC 74°

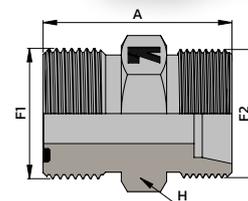


| Référence   | Ø Tube (mm) | F1        | F2        | A    | H  | H1 | PN (bar) |
|-------------|-------------|-----------|-----------|------|----|----|----------|
| OR-FOMJ0404 | 6           | 9/16" UNF | 7/16" UNF | 23,5 | 16 | 17 | 500      |
| OR-FOMJ0606 | 8-10        | 11/16" UN | 9/16" UNF | 26,9 | 19 | 22 | 420      |
| OR-FOMJ0808 | 12          | 13/16" UN | 3/4" UNF  | 30,3 | 22 | 24 | 420      |
| OR-FOMJ1010 | 14-15-16    | 1" UNS    | 7/8" UNF  | 36,7 | 27 | 30 | 350      |
| OR-FOMJ1212 | 18-20       | 1"3/16 UN | 1"1/16 UN | 40,6 | 32 | 36 | 350      |



## UNION MALE DIN 24°

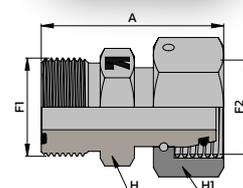
| Référence    | Ø Tube (mm) | F1        | F2            | A    | H  | PN (bar) |
|--------------|-------------|-----------|---------------|------|----|----------|
| OR-MOMD0812L | 12          | 13/16" UN | 12L - M14X150 | 26,5 | 22 | 400      |
| OR-MOMD1015L | 14-15-16    | 1" UNS    | 15L - M22X150 | 32,0 | 27 | 400      |



## UNION FEMELLE DIN 24°



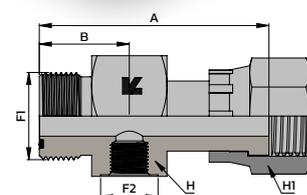
| Référence    | Ø Tube (mm) | F1        | F2            | A    | H  | H1 | PN (bar) |
|--------------|-------------|-----------|---------------|------|----|----|----------|
| OR-MOFD0408L | 6           | 9/16" UNF | 8L - M14X150  | 34,5 | 17 | 17 | 400      |
| OR-MOFD0610L | 8-10        | 11/16" UN | 10L - M16X150 | 37,5 | 19 | 19 | 400      |
| OR-MOFD0812L | 12          | 13/16" UN | 12L - M18X150 | 40,0 | 22 | 22 | 400      |
| OR-MOFD1015L | 14-15-16    | 1" UNS    | 15L - M22X150 | 46,5 | 27 | 27 | 400      |
| OR-MOFD0812S | 12          | 13/16" UN | 12S - M20X150 | 40,5 | 22 | 24 | 630      |
| OR-MOFD1016S | 14-15-16    | 1" UNS    | 16S - M24X150 | 50,5 | 27 | 30 | 420      |



## ADAPTATEUR EGAL / PRISE DE PRESSION



| Référence      | Ø Tube (mm) | F1        | F2   | A    | B    | H  | H1 | PN (bar) |
|----------------|-------------|-----------|------|------|------|----|----|----------|
| OR-ADO404PP1/4 | 6           | 9/16" UNF | 1/4" | 50,0 | 22,0 | 36 | 17 | 420      |
| OR-ADO606PP1/4 | 8-10        | 11/16" UN | 1/4" | 53,0 | 23,0 | 36 | 22 | 420      |
| OR-ADO808PP1/4 | 12          | 13/16" UN | 1/4" | 58,0 | 25,0 | 36 | 24 | 420      |
| OR-AD1010PP1/4 | 14-15-16    | 1" UNS    | 1/4" | 64,0 | 27,0 | 36 | 30 | 420      |
| OR-AD1212PP1/4 | 18-20       | 1"3/16 UN | 1/4" | 68,0 | 29,0 | 41 | 36 | 420      |
| OR-AD1616PP1/4 | 22-25       | 1"7/16 UN | 1/4" | 71,0 | 29,0 | 46 | 41 | 420      |







## **DMH, UNE PLATEFORME D'IMPORTATION ET DE NÉGOCE POUR TOUTES LES CONNECTIONS HYDRAULIQUES**

Notre mission est d'établir un partenariat solide avec nos clients en leur permettant d'atteindre leurs objectifs de compétitivité, de réactivité et de fiabilité.

Pour les y aider, nous tenons à leur disposition une gamme complète de produits hydrauliques de grande qualité. Ciblant en priorité le marché européen, DMH fournit essentiellement les grands constructeurs (machines agricoles, poids lourds, industries, etc.) et les spécialistes de la distribution hydraulique.

Fort de plus de vingt ans d'expérience, notre équipe vous garantit un service pertinent et réactif afin de répondre à tous vos besoins.

### **UNE GAMME COMPLÈTE DE PRODUITS HYDRAULIQUES**

>>>

#### **DMH ■ Agence de Nantes**

6 rue Jupiter 44470 Carquefou FRANCE  
T +33 (0)2 40 25 77 27  
distribution@dmhfrance.com  
oem@dmhfrance.com

#### **DMH ■ Agence de Lyon**

5 av. Lionel Terray 69330 Meyzieu FRANCE  
T +33 (0)4 37 25 84 50  
infoslyon@dmhfrance.com

**[www.dmhfrance.com](http://www.dmhfrance.com)**



**DMH France certifiée ISO 9001:2015**

