

**ACCESORIOS ROSCADOS  
SEGÚN NORMA ISO  
(figuras)**

*THREADED FITTINGS  
ACCORDING TO ISO STANDARD  
(figures)*



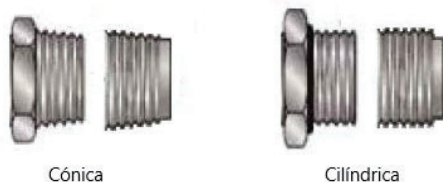
## ACCESORIOS ROSCADOS SEGÚN NORMA ISO (Figuras)

### THREADED FITTINGS ACCORDING TO ISO STANDARD (Figures)

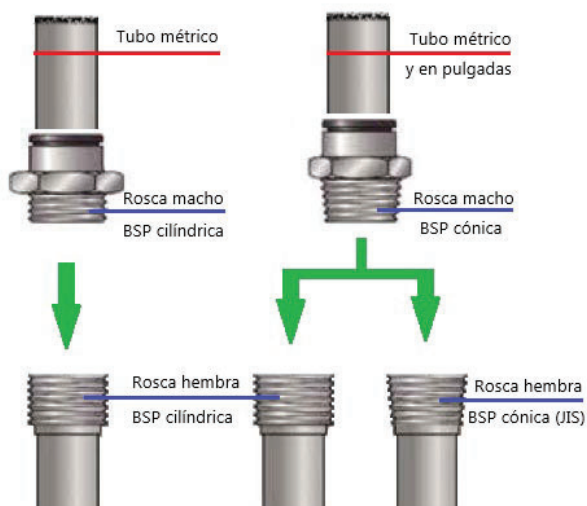
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## TIPOS DE ROSCAS

Existen 2 sistemas de uniones roscadas utilizadas habitualmente y recogidas en la Norma EN 10226. Los materiales suministrados tienen las roscas exteriores cónicas y las internas cilíndricas.



## ROSCAS BSP



### Roscas BSP (British Standard Pipe)

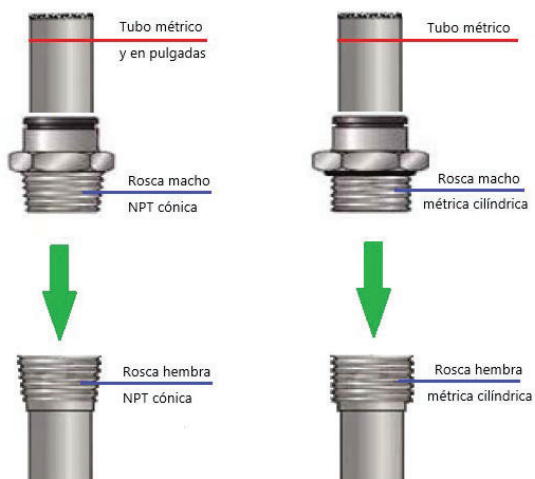
Roscas con perfil "Gas" pueden ser de dos tipos:

- cónicas: van en el mismo roscado cilíndrico o cónico. La estanqueidad es asegurada por un precoating en la rosca.
- cilíndricas: van en el mismo roscado cilíndrico. La estanqueidad es asegurada por una junta tórica o por una arandela.

### descripción de las roscas

- **BSP cilíndrica:** G seguido de la descripción, según norma ISO 228-1  
Ejemplo: rosca 1/4 BSP cilíndrica - G1/4
- **BSP cónica:** R seguido de la descripción, según norma ISO 7-1  
Ejemplo: rosca 1/4 BSP cónica - R1/4
- **Roscas hembras:**  
BSP cilíndrica: Rp seguido de la descripción  
BSP cónica: Rc seguido de la descripción

## ROSCAS NPT - ROSCAS MÉTRICAS



### Roscas métricas

Son roscas con perfil ISO del tipo cilíndrico:

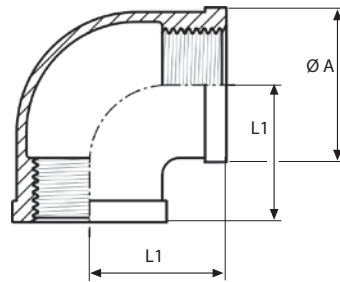
Van en el mismo roscado cilíndrico. La estanqueidad queda asegurada por una junta tórica o por una arandela.

### descripción de las roscas

- M seguido de los valores del diámetro y del paso en milímetros, separados por el signo de multiplicar, según norma ISO 68-1 e ISO 965-1  
Ejemplo: M7x1

### Roscas NPT (National Pipe Thread)

Es un estándar americano cónico. Van en el mismo roscado cónico. La estanqueidad queda asegurada por un precoating en la rosca.



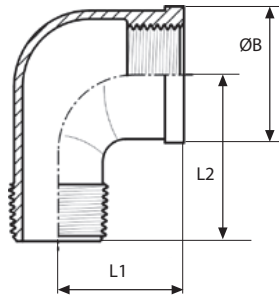
### Codo 90° H-H FIG 90

Acero Inoxidable 1.4408 / A-316

Presión máxima 10 bar (150 PSI)

Extremos roscados EN 10226-1 (ISO 7/1)

| DN     | Ø A<br>mm | L1<br>mm | Peso<br>kg/u. |
|--------|-----------|----------|---------------|
| 1/8"   | 17,0      | 19,0     | 0,04          |
| 1/4"   | 21,3      | 21,0     | 0,06          |
| 3/8"   | 23,5      | 21,3     | 0,07          |
| 1/2"   | 29,0      | 27,0     | 0,10          |
| 3/4"   | 36,0      | 33,0     | 0,16          |
| 1"     | 43,0      | 38,0     | 0,26          |
| 1.1/4" | 52,0      | 45,0     | 0,40          |
| 1.1/2" | 58,5      | 50,0     | 0,50          |
| 2"     | 71,5      | 57,0     | 0,74          |
| 2.1/2" | 87,0      | 69,7     | 1,36          |
| 3"     | 99,5      | 77,0     | 1,48          |
| 4"     | 126,0     | 98,2     | 2,76          |



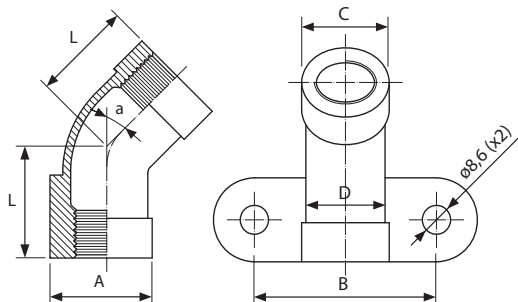
### Codo 90° M-H FIG 92

Acero Inoxidable 1.4408 / A-316

Presión máxima 10 bar (150 PSI)

Extremos roscados EN 10226-1 (ISO 7/1)

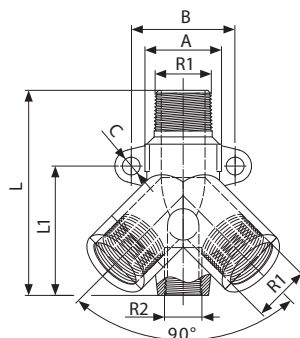
| DN     | Ø B<br>mm | L1<br>mm | L2<br>mm | Peso<br>kg/u. |
|--------|-----------|----------|----------|---------------|
| 1/8"   | 17,0      | 19,0     | 25,0     | 0,03          |
| 1/4"   | 21,0      | 21,0     | 28,3     | 0,07          |
| 3/8"   | 25,0      | 25,0     | 32,0     | 0,08          |
| 1/2"   | 29,0      | 28,0     | 42,0     | 0,10          |
| 3/4"   | 35,0      | 33,0     | 50,5     | 0,17          |
| 1"     | 43,0      | 38,0     | 52,0     | 0,22          |
| 1.1/4" | 52,0      | 45,0     | 60,0     | 0,38          |
| 1.1/2" | 58,8      | 50,0     | 65,0     | 0,49          |
| 2"     | 71,7      | 58,0     | 74,0     | 0,78          |
| 2.1/2" | 86,2      | 69,0     | 101,0    | 1,25          |
| 3"     | 100,0     | 77,0     | 114,5    | 1,85          |
| 4"     | 126,5     | 97,0     | 146,5    | 3,11          |



### Codo placa FIG 91

Acero Inoxidable 1.4408 / A-316  
 Presión máxima 10 bar (150 PSI)  
 Extremos roscados EN 10226-1 (ISO 7/1)

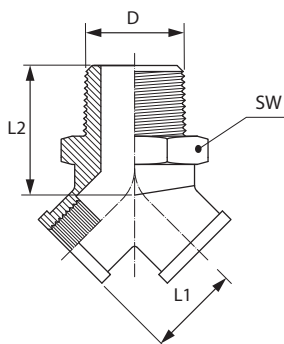
| DN   | a   | A<br>mm | B<br>mm | C<br>mm | D<br>mm | L<br>mm | Peso<br>kg/u. |
|------|-----|---------|---------|---------|---------|---------|---------------|
| 1/2" | 45° | 28,5    | 55,0    | 27,0    | 25,0    | 22,8    | 0,146         |
| 1/2" | 90° | 28,5    | 55,0    | 27,0    | 25,0    | 27,7    | 0,162         |



### Derivación "Y" aire comprimido

Acero Inoxidable 1.4408 / A-316  
 Presión máxima 16 bar (227 PSI)  
 Extremos roscados EN 10226-1 (ISO 7/1)

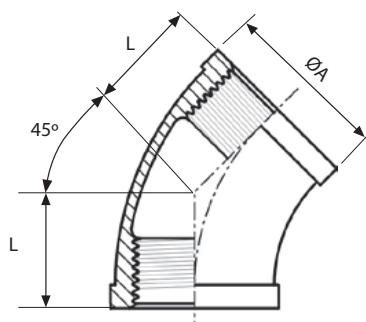
| R1<br>bsp | R2<br>bsp | A<br>mm | B<br>mm | C<br>mm | L<br>mm | L1<br>mm | Peso<br>kg/u. |
|-----------|-----------|---------|---------|---------|---------|----------|---------------|
| 1/2"      | 1/4"      | 28,0    | 38,0    | 6,5     | 75,0    | 47,5     | 0,30          |



### Derivación "Y" 90° macho

Acero Inoxidable 1.4408 / A-316  
 Presión máxima 10 bar (150 PSI)  
 Extremos roscados EN 10226-1 (ISO 7/1)

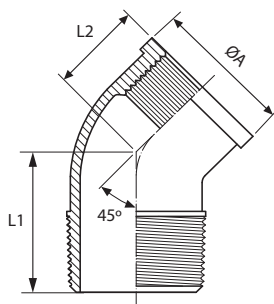
| D<br>mm | L1<br>mm | L2<br>mm | Ø<br>mm | Peso<br>kg/u. |
|---------|----------|----------|---------|---------------|
| 1/2"    | 26       | 32       | 28      | 0,14          |



### Codo 45° H-H FIG 120

Acero Inoxidable 1.4408 / A-316  
 Presión máxima 10 bar (150 PSI)  
 Extremos roscados EN 10226-1 (ISO 7/1)

| DN     | ØA<br>mm | L<br>mm | Peso<br>kg/u. |
|--------|----------|---------|---------------|
| 1/8"   | 18,0     | 18,0    | 0,04          |
| 1/4"   | 21,0     | 17,0    | 0,05          |
| 3/8"   | 25,0     | 20,0    | 0,08          |
| 1/2"   | 29,5     | 22,0    | 0,10          |
| 3/4"   | 35,6     | 25,0    | 0,15          |
| 1"     | 43,0     | 28,0    | 0,22          |
| 1.1/4" | 52,4     | 33,0    | 0,34          |
| 1.1/2" | 58,0     | 36,0    | 0,42          |
| 2"     | 72,0     | 43,0    | 0,62          |
| 2.1/2" | 87,0     | 49,0    | 1,13          |
| 3"     | 100,0    | 55,0    | 1,25          |
| 4"     | 125,5    | 64,0    | 2,10          |

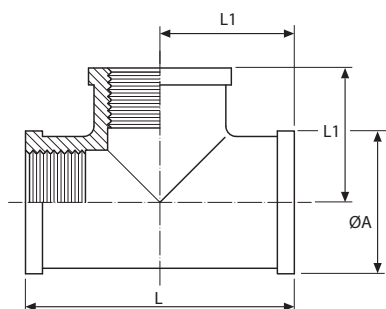


### Codo 45° M-H FIG 122

Acero Inoxidable 1.4408 / A-316  
 Presión máxima 10 bar (150 PSI)  
 Extremos roscados EN 10226-1 (ISO 7/1)

| DN     | ØA<br>mm | L1<br>mm | L2<br>mm | Peso<br>kg/u |
|--------|----------|----------|----------|--------------|
| 1/8"   | 17,0     | 21,0     | 16,0     | 0,03         |
| 1/4"   | 21,0     | 23,3     | 17,0     | 0,04         |
| 3/8"   | 25,0     | 27,0     | 19,0     | 0,06         |
| 1/2"   | 29,0     | 31,0     | 21,0     | 0,09         |
| 3/4"   | 35,0     | 36,5     | 25,0     | 0,14         |
| 1"     | 43,0     | 42,0     | 29,0     | 0,23         |
| 1.1/4" | 52,0     | 49,0     | 34,0     | 0,36         |
| 1.1/2" | 58,0     | 51,0     | 37,0     | 0,42         |
| 2"     | 71,0     | 59,0     | 42,0     | 0,71         |
| 2.1/2" | 88,0     | 71,0     | 49,0     | 1,21         |
| 3"     | 101,0    | 79,0     | 54,0     | 1,67         |
| 4"     | 129,0    | 96,0     | 65,0     | 2,86         |

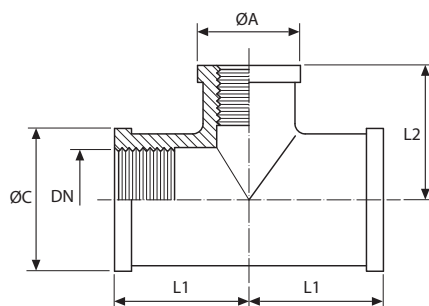




Te Igual FIG 130

Acero Inoxidable 1.4408 / A-316  
Presión máxima 10 bar (150 PSI)  
Extremos roscados EN 10226-1 (ISO 7/1)

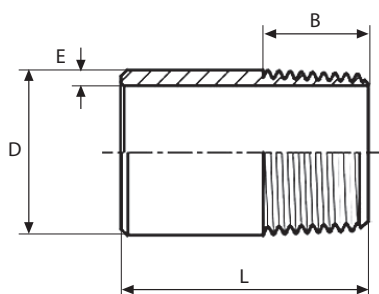
| DN     | ØA<br>mm | L1<br>mm | L<br>mm | Peso<br>kg/u. |
|--------|----------|----------|---------|---------------|
| 1/8"   | 17,0     | 19,0     | 36      | 0,05          |
| 1/4"   | 21,3     | 21,0     | 42      | 0,08          |
| 3/8"   | 23,5     | 23,6     | 48      | 0,10          |
| 1/2"   | 30,0     | 28,0     | 57      | 0,15          |
| 3/4"   | 35,0     | 33,0     | 66      | 0,22          |
| 1"     | 43,0     | 38,0     | 76      | 0,36          |
| 1.1/4" | 52,0     | 45,0     | 91      | 0,57          |
| 1.1/2" | 58,5     | 50,0     | 98      | 0,67          |
| 2"     | 71,5     | 58,0     | 114     | 1,05          |
| 2.1/2" | 87,0     | 70,0     | 135     | 1,75          |
| 3"     | 100,0    | 78,5     | 154     | 1,95          |
| 4"     | 125,0    | 97,0     | 196     | 3,22          |



Te reducida FIG 132

Acero Inoxidable 1.4408 / A-316  
Presión máxima 10 bar (150 PSI)  
Extremos roscados EN 10226-1 (ISO 7/1)

| DN              | ØA<br>mm | ØC<br>mm | L1<br>mm | L2<br>mm | Peso<br>kg/u. |
|-----------------|----------|----------|----------|----------|---------------|
| 1/4 x 1/8"      | 17,0     | 21,0     | 18,0     | 19,0     | 0,06          |
| 3/8 x 1/4"      | 21,0     | 23,0     | 20,0     | 22,0     | 0,07          |
| 1/2 x 3/8"      | 23,5     | 29,0     | 26,0     | 25,0     | 0,12          |
| 3/4 x 1/2"      | 30,0     | 37,0     | 30,0     | 32,0     | 0,23          |
| 1" x 1/2"       | 30,5     | 44,0     | 32,0     | 33,4     | 0,31          |
| 1" x 3/4"       | 35,8     | 44,0     | 35,0     | 35,0     | 0,32          |
| 1.1/4" x 1/2"   | 28,8     | 51,4     | 34,0     | 38,0     | 0,33          |
| 1.1/4" x 3/4"   | 35,8     | 51,4     | 38,0     | 40,0     | 0,34          |
| 1.1/4" x 1"     | 43,3     | 51,4     | 40,0     | 42,0     | 0,43          |
| 1.1/2" x 1/2"   | 28,8     | 57,9     | 35,0     | 42,0     | 0,42          |
| 1.1/2" x 3/4"   | 35,8     | 57,9     | 38,0     | 43,0     | 0,47          |
| 1.1/2" x 1"     | 43,3     | 57,9     | 41,0     | 45,0     | 0,52          |
| 1.1/2" x 1.1/4" | 51,4     | 57,9     | 45,0     | 48,0     | 0,58          |
| 2" x 1/2"       | 28,8     | 71,0     | 38,0     | 48,0     | 0,59          |
| 2" x 3/4"       | 35,8     | 71,0     | 41,0     | 49,0     | 0,66          |
| 2" x 1"         | 43,3     | 71,0     | 44,0     | 51,0     | 0,74          |
| 2" x 1.1/4"     | 51,4     | 71,0     | 48,0     | 54,0     | 0,79          |
| 2" x 1.1/2"     | 57,9     | 71,0     | 52,0     | 55,0     | 0,87          |



## Entronque FIG 149

Tubo sin soldadura

Acero Inoxidable 1.4404 / A-316L

Accesorio normalizado EN 10241

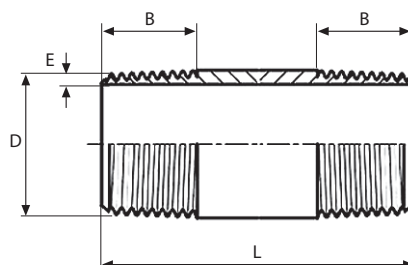
Presión máxima:

-20°C / +100°C= 40 bar (568 PSI)

+100°C / +200°C= 25 bar (355 PSI)

Extremos roscados EN 10226-1 (ISO 7/1)

| DN     | D<br>mm | L<br>mm | E<br>mm | B<br>mm | Peso<br>kg/u. |
|--------|---------|---------|---------|---------|---------------|
| 1/8"   | 10,0    | 25      | 2,0     | 7       | 0,01          |
| 1/4"   | 13,6    | 25      | 2,3     | 10      | 0,02          |
| 3/8"   | 17,2    | 30      | 2,3     | 10      | 0,03          |
| 1/2"   | 21,3    | 35      | 2,6     | 13      | 0,04          |
| 3/4"   | 26,9    | 40      | 2,6     | 15      | 0,06          |
| 1"     | 33,7    | 40      | 3,2     | 17      | 0,08          |
| 1.1/4" | 42,4    | 50      | 3,2     | 19      | 0,13          |
| 1.1/2" | 48,3    | 50      | 3,6     | 19      | 0,18          |
| 2"     | 60,3    | 50      | 3,6     | 23      | 0,22          |
| 2.1/2" | 76,1    | 60      | 3,6     | 27      | 0,32          |
| 3"     | 88,9    | 70      | 4,0     | 30      | 0,52          |
| 4"     | 114,3   | 80      | 4,5     | 36      | 0,86          |



## Entronque doble FIG 150

Tubo sin soldadura

Acero Inoxidable 1.4404 / A-316L

Presión máxima:

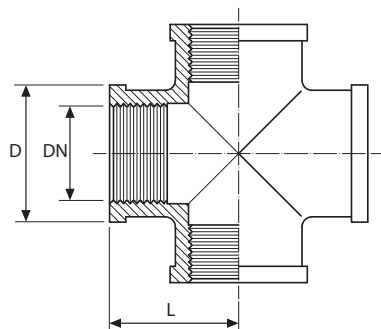
-20°C / +100°C= 40 bar (568 PSI)

+100°C / +200°C= 25 bar (355 PSI)

Extremos roscados EN 10226-1 (ISO 7/1)

| DN     | D<br>mm | L<br>mm | E<br>mm | B<br>mm | Peso<br>kg/u. |
|--------|---------|---------|---------|---------|---------------|
| 1/4"   | 13,6    | 40      | 2,0     | 10      | 0,02          |
| 3/8"   | 17,2    | 40      | 2,3     | 10      | 0,03          |
| 1/2"   | 21,3    | 55      | 2,3     | 13      | 0,06          |
| 3/4"   | 26,9    | 60      | 2,6     | 15      | 0,07          |
| 1"     | 33,7    | 65      | 2,6     | 17      | 0,11          |
| 1.1/4" | 42,4    | 75      | 3,2     | 19      | 0,19          |
| 1.1/2" | 48,3    | 75      | 3,2     | 19      | 0,22          |
| 2"     | 60,3    | 90      | 3,6     | 23      | 0,39          |
| 2.1/2" | 76,1    | 100     | 3,6     | 27      | 0,50          |
| 3"     | 88,9    | 110     | 3,6     | 30      | 0,72          |
| 4"     | 114,3   | 125     | 4,0     | 36      | 0,88          |

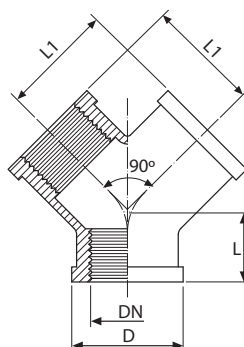




### Cruz hembra FIG 180

Acero Inoxidable 1.4408 / A-316  
Presión máxima 10 bar (150 PSI)  
Extremos roscados EN 10226-1 (ISO 7/1)

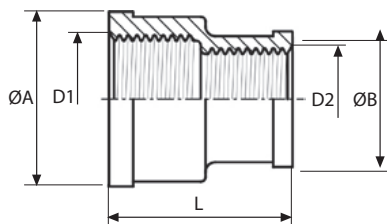
| DN     | D mm  | L mm | Peso kg/u. |
|--------|-------|------|------------|
| 1/8"   | 15,2  | 17,0 | 0,038      |
| 1/4"   | 19,7  | 18,5 | 0,072      |
| 3/8"   | 23,3  | 22,9 | 0,103      |
| 1/2"   | 28,0  | 26,8 | 0,144      |
| 3/4"   | 34,8  | 32,0 | 0,249      |
| 1"     | 43,6  | 37,5 | 0,435      |
| 1.1/4" | 53,0  | 45,9 | 0,701      |
| 1.1/2" | 58,0  | 47,6 | 0,768      |
| 2"     | 71,0  | 58,0 | 1,258      |
| 2.1/2" | 87,0  | 69,0 | 1,770      |
| 3"     | 99,0  | 77,0 | 2,031      |
| 4"     | 125,0 | 97,0 | 3,490      |



### Racor "Y" FIG 220

Acero Inoxidable 1.4408 / A-316  
Presión máxima 10 bar (150 PSI)  
Extremos roscados EN 10226-1 (ISO 7/1)

| DN     | D mm | L mm | L1 mm | Peso kg/u. |
|--------|------|------|-------|------------|
| 1/8"   | 17,0 | 10,0 | 17,0  | 0,040      |
| 1/4"   | 21,0 | 13,0 | 19,0  | 0,064      |
| 3/8"   | 25,0 | 14,0 | 23,0  | 0,100      |
| 1/2"   | 29,0 | 18,0 | 27,0  | 0,128      |
| 3/4"   | 35,0 | 20,0 | 32,0  | 0,193      |
| 1"     | 43,0 | 23,0 | 38,0  | 0,323      |
| 1.1/4" | 52,0 | 28,0 | 46,0  | 0,485      |
| 1.1/2" | 58,0 | 30,0 | 48,0  | 0,565      |
| 2"     | 71,0 | 34,0 | 57,0  | 0,890      |



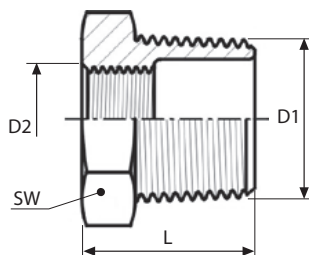
## Manguito reducción FIG 240

Acero Inoxidable 1.4408 / A-316

Presión máxima 10 bar (150 PSI)

Extremos roscados EN 10226-1 (ISO 7/1)

| D1     | D2     | ØA<br>mm | ØB<br>mm | L<br>mm | Peso<br>kg/u. |
|--------|--------|----------|----------|---------|---------------|
| 1/4"   | 1/8"   | 21,5     | 19,0     | 26,0    | 0,03          |
| 3/8"   | 1/4"   | 26,0     | 21,5     | 29,0    | 0,05          |
| 1/2"   | 3/8"   | 29,0     | 22,4     | 34,0    | 0,07          |
| 3/4"   | 1/2"   | 37,0     | 28,1     | 37,0    | 0,12          |
| 1"     | 1/2"   | 43,0     | 29,4     | 42,0    | 0,15          |
| 1"     | 3/4"   | 43,0     | 32,0     | 42,0    | 0,15          |
| 1.1/4" | 1"     | 52,0     | 39,0     | 52,0    | 0,23          |
| 1.1/2" | 1"     | 59,0     | 43,5     | 53,0    | 0,29          |
| 1.1/2" | 1.1/4" | 59,0     | 50,0     | 53,0    | 0,30          |
| 2"     | 1"     | 72,0     | 43,0     | 56,0    | 0,46          |
| 2"     | 1.1/2" | 72,0     | 56,7     | 57,0    | 0,45          |



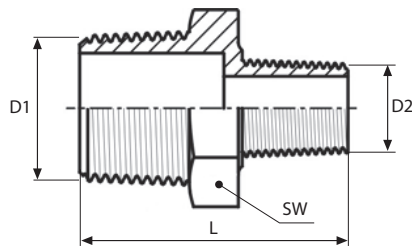
## Tuerca reducción FIG 241

Acero Inoxidable 1.4408 / A-316

Presión máxima 10 bar (150 PSI)

Extremos roscados EN 10226-1 (ISO 7/1)

| D1     | D2     | L<br>mm | SW<br>mm | Peso<br>kg/u. |
|--------|--------|---------|----------|---------------|
| 1/4"   | 1/8"   | 15,2    | 16,0     | 0,01          |
| 3/8"   | 1/8"   | 16,5    | 18,0     | 0,02          |
| 3/8"   | 1/4"   | 16,5    | 18,0     | 0,01          |
| 1/2"   | 1/4"   | 21,0    | 26,0     | 0,04          |
| 1/2"   | 3/8"   | 21,0    | 26,0     | 0,03          |
| 3/4"   | 1/4"   | 24,0    | 30,0     | 0,07          |
| 3/4"   | 3/8"   | 24,0    | 30,0     | 0,06          |
| 3/4"   | 1/2"   | 24,0    | 30,0     | 0,05          |
| 1"     | 1/2"   | 27,0    | 35,0     | 0,10          |
| 1"     | 3/4"   | 27,0    | 35,0     | 0,08          |
| 1.1/4" | 1/2"   | 30,0    | 45,0     | 0,19          |
| 1.1/4" | 3/4"   | 30,0    | 45,0     | 0,17          |
| 1.1/4" | 1"     | 30,0    | 45,0     | 0,13          |
| 1.1/2" | 1/2"   | 38,0    | 52,0     | 0,31          |
| 1.1/2" | 3/4"   | 38,0    | 52,0     | 0,31          |
| 1.1/2" | 1"     | 38,0    | 52,0     | 0,27          |
| 1.1/2" | 1.1/4" | 38,0    | 52,0     | 0,20          |
| 2"     | 1"     | 36,0    | 63,0     | 0,35          |
| 2"     | 1.1/4" | 36,0    | 63,0     | 0,36          |
| 2"     | 1.1/2" | 36,0    | 63,0     | 0,30          |
| 2.1/2" | 1.1/2" | 45,0    | 81,0     | 0,65          |
| 2.1/2" | 2"     | 45,0    | 81,0     | 0,55          |
| 3"     | 2"     | 47,0    | 95,0     | 1,03          |
| 3"     | 2.1/2" | 47,0    | 95,0     | 0,84          |
| 4"     | 2"     | 52,0    | 120,0    | 1,99          |
| 4"     | 2.1/2" | 52,0    | 120,0    | 1,63          |
| 4"     | 3"     | 52,0    | 120,0    | 1,49          |



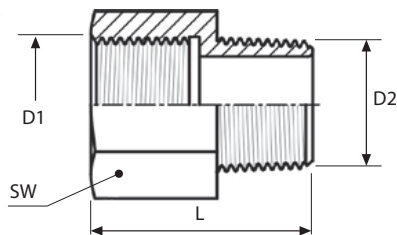
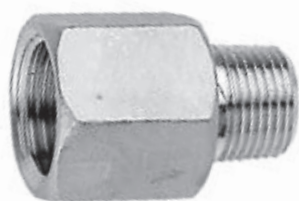
## Machón reducido FIG 245

Acero Inoxidable 1.4408 / A-316

Presión máxima 10 bar (150 PSI)

Extremos roscados EN 10226-1 (ISO 7/1)

| D1     | D2     | L<br>mm | SW<br>mm | Peso<br>kg/u. |
|--------|--------|---------|----------|---------------|
| 1/4"   | 1/8"   | 34,0    | 18,0     | 0,03          |
| 3/8"   | 1/8"   | 35,0    | 21,0     | 0,04          |
| 3/8"   | 1/4"   | 35,5    | 21,0     | 0,05          |
| 1/2"   | 1/4"   | 34,0    | 26,0     | 0,05          |
| 1/2"   | 3/8"   | 41,0    | 26,0     | 0,07          |
| 3/4"   | 3/8"   | 37,0    | 30,0     | 0,08          |
| 3/4"   | 1/2"   | 45,0    | 30,0     | 0,10          |
| 1"     | 1/2"   | 44,2    | 35,0     | 0,12          |
| 1"     | 3/4"   | 50,0    | 37,0     | 0,15          |
| 1.1/4" | 1/2"   | 48,0    | 46,0     | 0,21          |
| 1.1/4" | 3/4"   | 52,0    | 46,0     | 0,21          |
| 1.1/4" | 1"     | 54,0    | 46,0     | 0,22          |
| 1.1/2" | 3/4"   | 53,0    | 50,0     | 0,25          |
| 1.1/2" | 1"     | 53,0    | 50,0     | 0,27          |
| 1.1/2" | 1.1/4" | 59,0    | 51,5     | 0,31          |
| 2"     | 1"     | 57,0    | 63,0     | 0,34          |
| 2"     | 1.1/4" | 58,0    | 63,0     | 0,37          |
| 2"     | 1.1/2" | 65,4    | 64,0     | 0,43          |
| 2.1/2" | 1.1/2" | 66,0    | 80,0     | 0,74          |
| 2.1/2" | 2"     | 77,0    | 76,3     | 0,93          |
| 3"     | 2"     | 74,0    | 95,0     | 1,03          |
| 3"     | 2.1/2" | 84,0    | 92,5     | 1,36          |
| 4"     | 2"     | 82,0    | 125,0    | 1,75          |
| 4"     | 2.1/2" | 82,0    | 125,0    | 1,75          |
| 4"     | 3"     | 94,0    | 117,4    | 2,20          |



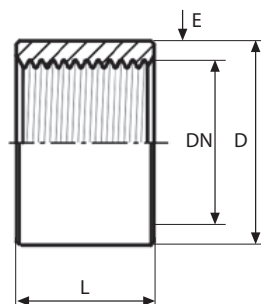
## Manguito H-M FIG 246

Acero Inoxidable 1.4408 / A-316

Presión máxima 10 bar (150 PSI)

Extremos roscados EN 10226-1 (ISO 7/1)

| D1   | D2   | L<br>mm | SW<br>mm | Peso<br>kg/u. |
|------|------|---------|----------|---------------|
| 1/4" | 1/8" | 26,0    | 15,0     | 0,02          |
| 3/8" | 1/4" | 28,5    | 17,0     | 0,04          |
| 3/8" | 3/8" | 31,0    | 21,0     | 0,04          |
| 1/2" | 3/8" | 37,5    | 26,0     | 0,06          |
| 1/2" | 1/2" | 37,5    | 32,0     | 0,07          |
| 3/4" | 1/2" | 46,0    | 38,0     | 0,10          |
| 3/4" | 3/4" | 49,0    | 50,0     | 0,10          |
| 1"   | 3/4" | 51,0    | 54,0     | 0,13          |
| 1"   | 1"   | 57,0    | 68,0     | 0,14          |



## Medio manguito H-H FIG 269

Tubo sin soldadura

Acero Inoxidable 1.4404 / A-316L

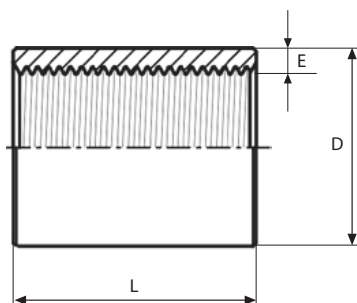
Presión máxima:

-20°C / +100°C= 40 bar (568 PSI)

+100°C / +200°C= 25 bar (355 PSI)

Extremos roscados EN 10226-1 (ISO 7/1)

| DN     | D<br>mm | L<br>mm | E<br>mm | Peso<br>kg/u. |
|--------|---------|---------|---------|---------------|
| 1/8"   | 15      | 8       | 2,35    | 0,007         |
| 1/4"   | 18,5    | 11      | 2,40    | 0,012         |
| 3/8"   | 21,3    | 12      | 2,05    | 0,014         |
| 1/2"   | 26,6    | 15      | 2,65    | 0,026         |
| 3/4"   | 31,8    | 17      | 2,55    | 0,036         |
| 1"     | 39,5    | 20      | 3,05    | 0,064         |
| 1.1/4" | 48,3    | 22      | 3,05    | 0,088         |
| 1.1/2" | 54,5    | 22      | 3,10    | 0,105         |
| 2"     | 66,2    | 26      | 2,95    | 0,164         |
| 2.1/2" | 82      | 30      | 4,50    | 0,245         |
| 3"     | 95      | 34      | 3,05    | 0,312         |
| 4"     | 121,4   | 40      | 3,55    | 0,630         |



## Manguito H-H FIG 270

Tubo sin soldadura

Acero Inoxidable 1.4404 / A-316L

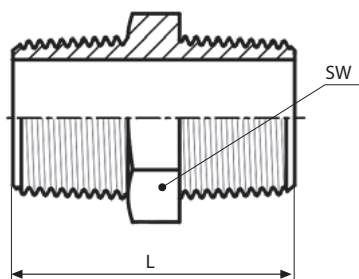
Presión máxima:

-20°C / +100°C= 40 bar (568 PSI)

+100°C / +200°C= 25 bar (355 PSI)

Extremos roscados EN 10226-1 (ISO 7/1)

| DN     | L<br>mm | E<br>mm | D<br>mm | Peso<br>kg/u. |
|--------|---------|---------|---------|---------------|
| 1/8"   | 17      | 3,0     | 15,0    | 0,02          |
| 1/4"   | 25      | 3,4     | 18,5    | 0,03          |
| 3/8"   | 26      | 3,1     | 21,3    | 0,04          |
| 1/2"   | 34      | 4,0     | 26,6    | 0,06          |
| 3/4"   | 36      | 4,0     | 31,8    | 0,08          |
| 1"     | 43      | 4,7     | 39,5    | 0,14          |
| 1.1/4" | 48      | 4,8     | 48,3    | 0,23          |
| 1.1/2" | 48      | 4,6     | 54,5    | 0,27          |
| 2"     | 56      | 4,8     | 66,2    | 0,46          |
| 2.1/2" | 65      | 4,8     | 82,0    | 0,81          |
| 3"     | 71      | 4,8     | 95,0    | 1,44          |
| 4"     | 83      | 5,0     | 121,4   | 2,17          |



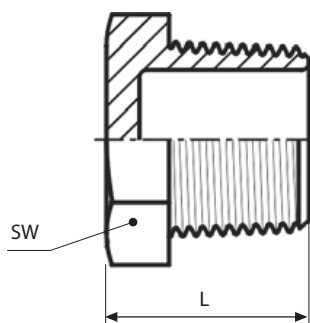
**Machón FIG 280**

Acero Inoxidable 1.4408 / A-316

Presión máxima 10 bar (150 PSI)

Extremos roscados EN 10226-1 (ISO 7/1)

| DN     | L<br>mm | SW<br>mm | Peso<br>kg/u. |
|--------|---------|----------|---------------|
| 1/8"   | 26,0    | 12,0     | 0,01          |
| 1/4"   | 27,8    | 16,0     | 0,02          |
| 3/8"   | 28,0    | 19,0     | 0,03          |
| 1/2"   | 34,0    | 21,6     | 0,05          |
| 3/4"   | 40,0    | 30,0     | 0,08          |
| 1"     | 46,0    | 36,0     | 0,12          |
| 1.1/4" | 52,5    | 46,0     | 0,23          |
| 1.1/2" | 54,0    | 50,0     | 0,26          |
| 2"     | 62,0    | 64,5     | 0,40          |
| 2.1/2" | 70,0    | 79,5     | 0,72          |
| 3"     | 78,4    | 90,0     | 0,88          |
| 4"     | 94,0    | 120,0    | 1,87          |



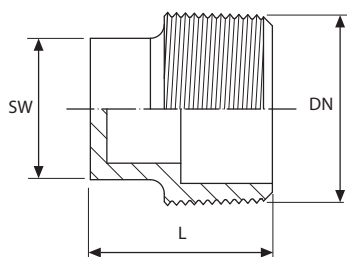
**Tapón macho FIG 290**

Acero Inoxidable 1.4408 / A-316

Presión máxima 10 bar (150 PSI)

Extremos roscados EN 10226-1 (ISO 7/1)

| DN     | L<br>mm | SW<br>mm | Peso<br>kg/u. |
|--------|---------|----------|---------------|
| 1/8"   | 17,0    | 12,0     | 0,02          |
| 1/4"   | 17,5    | 16,0     | 0,03          |
| 3/8"   | 18,0    | 20,0     | 0,04          |
| 1/2"   | 25,0    | 24,0     | 0,05          |
| 3/4"   | 26,0    | 30,0     | 0,07          |
| 1"     | 29,0    | 38,0     | 0,12          |
| 1.1/4" | 35,0    | 46,0     | 0,21          |
| 1.1/2" | 38,0    | 52,0     | 0,30          |
| 2"     | 39,0    | 65,0     | 0,44          |
| 2.1/2" | 44,0    | 81,0     | 0,71          |
| 3"     | 54,0    | 94,0     | 1,11          |
| 4"     | 55,0    | 119,0    | 1,98          |



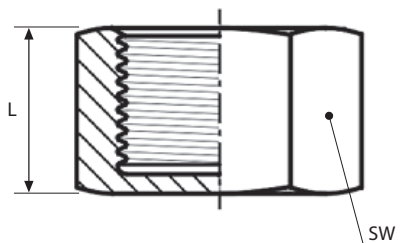
## Tapón macho cuadrado FIG 291

Acero Inoxidable 1.4408 / A-316

Presión máxima 10 bar (150 PSI)

Extremos roscados EN 10226-1 (ISO 7/1)

| DN     | L<br>mm | SW<br>mm | Peso<br>kg/u. |
|--------|---------|----------|---------------|
| 1/8"   | 16,5    | 6 x 6    | 0,01          |
| 1/4"   | 20,0    | 9 x 9    | 0,02          |
| 3/8"   | 23,0    | 11 x 11  | 0,03          |
| 1/2"   | 25,0    | 13 x 13  | 0,04          |
| 3/4"   | 27,0    | 16 x 16  | 0,05          |
| 1"     | 32,0    | 20 x 20  | 0,10          |
| 1.1/4" | 35,0    | 24 x 24  | 0,14          |
| 1.1/2" | 36,0    | 25 x 25  | 0,15          |
| 2"     | 38,0    | 32 x 32  | 0,24          |
| 2.1/2" | 48,0    | 42 x 42  | 0,62          |
| 3"     | 52,0    | 46 x 46  | 0,91          |
| 4"     | 62,0    | 58 x 58  | 1,59          |



## Tapón hembra FIG 300

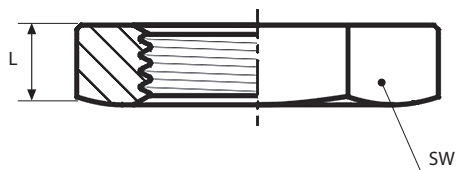
Acero Inoxidable 1.4408 / A-316

Presión máxima 10 bar (150 PSI)

Extremos roscados EN ISO 228-1

| DN     | L<br>mm | SW<br>mm | Peso<br>kg/u. |
|--------|---------|----------|---------------|
| 1/8"   | 14      | 15       | 0,02          |
| 1/4"   | 18      | 18       | 0,03          |
| 3/8"   | 17      | 21       | 0,04          |
| 1/2"   | 21      | 27       | 0,06          |
| 3/4"   | 24      | 30       | 0,07          |
| 1"     | 26      | 38       | 0,12          |
| 1.1/4" | 28      | 50       | 0,23          |
| 1.1/2" | 30      | 55       | 0,25          |
| 2"     | 33      | 70       | 0,49          |
| 2.1/2" | 38      | 91       | 1,20          |
| 3"     | 40      | 108      | 1,77          |
| 4"     | 50      | 133      | 2,72          |

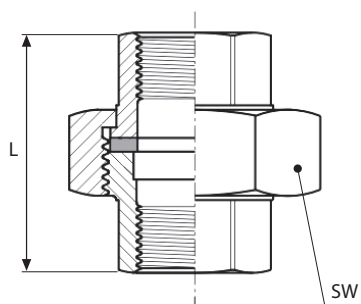




## Contratuerca FIG 312

Acero Inoxidable 1.4408 / A-316  
Presión máxima 10 bar (150 PSI)  
Extremos roscados EN ISO 228-1

| DN     | L mm | SW mm | Peso kg/u. |
|--------|------|-------|------------|
| 1/8"   | 6,2  | 14,6  | 0,01       |
| 1/4"   | 7,0  | 23,0  | 0,02       |
| 3/8"   | 8,0  | 26,0  | 0,03       |
| 1/2"   | 10,0 | 31,0  | 0,04       |
| 3/4"   | 11,0 | 37,0  | 0,06       |
| 1"     | 10,0 | 46,0  | 0,08       |
| 1.1/4" | 11,0 | 55,0  | 0,11       |
| 1.1/2" | 12,0 | 63,0  | 0,15       |
| 2"     | 13,0 | 76,0  | 0,22       |
| 2.1/2" | 16,0 | 95,0  | 0,45       |
| 3"     | 19,0 | 105,0 | 0,58       |
| 4"     | 20,0 | 131,0 | 0,77       |

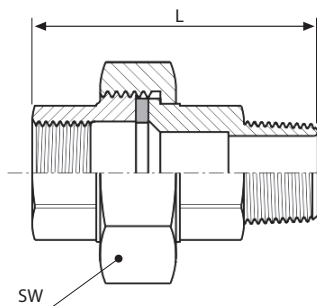


## Enlace 3 piezas PLANA FIG 330

Con junta plana PTFE (teflón)

Acero Inoxidable 1.4408 / A-316  
Presión máxima 10 bar (150 PSI)  
Extremos roscados EN 10226-1 (ISO 7/1)

| DN     | L mm  | SW mm | Peso kg/u. |
|--------|-------|-------|------------|
| 1/8"   | 29,0  | 25,0  | 0,06       |
| 1/4"   | 37,5  | 30,0  | 0,10       |
| 3/8"   | 38,0  | 35,0  | 0,12       |
| 1/2"   | 42,0  | 42,0  | 0,20       |
| 3/4"   | 49,0  | 47,0  | 0,27       |
| 1"     | 48,0  | 53,0  | 0,31       |
| 1.1/4" | 59,0  | 71,0  | 0,72       |
| 1.1/2" | 65,0  | 77,0  | 0,80       |
| 2"     | 69,0  | 92,0  | 1,19       |
| 2.1/2" | 80,0  | 112,0 | 1,81       |
| 3"     | 88,0  | 126,0 | 2,60       |
| 4"     | 108,0 | 157,0 | 4,35       |



### Enlace 3 piezas H-M PLANA FIG 331

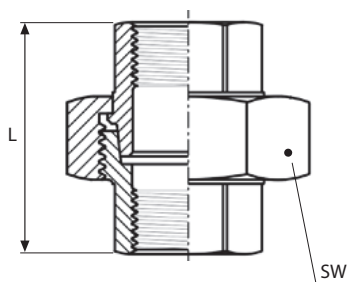
Con junta plana PTFE (teflón)

Acero Inoxidable 1.4408 / A-316

Presión máxima 10 bar (150 PSI)

Extremos roscados EN 10226-1 (ISO 7/1)

| DN     | L<br>mm | SW<br>mm | Peso<br>kg/u. |
|--------|---------|----------|---------------|
| 1/8"   | 40,0    | 25,0     | 0,06          |
| 1/4"   | 50,0    | 30,0     | 0,10          |
| 3/8"   | 50,0    | 35,0     | 0,13          |
| 1/2"   | 58,0    | 42,0     | 0,23          |
| 3/4"   | 67,0    | 47,0     | 0,31          |
| 1"     | 68,3    | 53,0     | 0,39          |
| 1.1/4" | 83,0    | 71,0     | 0,84          |
| 1.1/2" | 86,3    | 78,0     | 0,94          |
| 2"     | 94,0    | 92,0     | 1,45          |
| 2.1/2" | 113,0   | 112,0    | 2,35          |
| 3"     | 127,0   | 126,0    | 3,43          |
| 4"     | 154,5   | 157,0    | 5,87          |



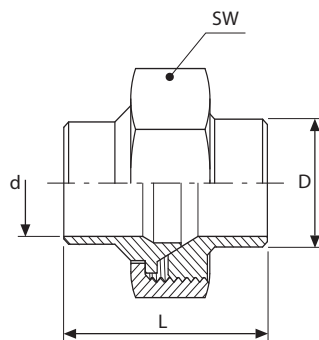
### Enlace 3 piezas CÓNICA FIG 340

Acero Inoxidable 1.4408 / A-316

Presión máxima 10 bar (150 PSI)

Extremos roscados EN 10226-1 (ISO 7/1)

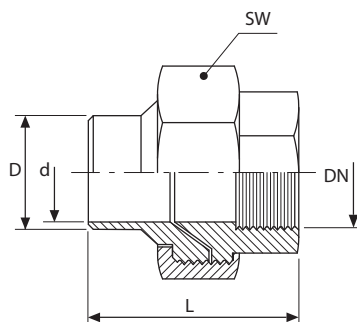
| DN     | L<br>mm | SW<br>mm | Peso<br>kg/u. |
|--------|---------|----------|---------------|
| 1/8"   | 29,0    | 25,0     | 0,05          |
| 1/4"   | 37,5    | 30,0     | 0,10          |
| 3/8"   | 38,0    | 35,0     | 0,12          |
| 1/2"   | 42,0    | 42,0     | 0,21          |
| 3/4"   | 49,0    | 47,0     | 0,27          |
| 1"     | 48,0    | 53,0     | 0,32          |
| 1.1/4" | 59,0    | 71,0     | 0,72          |
| 1.1/2" | 65,0    | 77,0     | 0,80          |
| 2"     | 69,0    | 92,0     | 1,19          |
| 2.1/2" | 80,0    | 112,0    | 2,05          |
| 3"     | 88,0    | 126,0    | 2,59          |
| 4"     | 108,0   | 157,0    | 4,30          |



### Enlace 3 piezas soldar CÓNICA FIG 340/BW

Acero Inoxidable 1.4408 / A-316  
Presión máxima 10 bar (150 PSI)

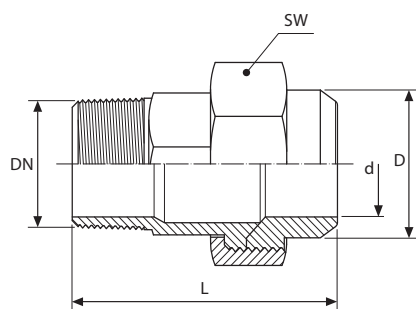
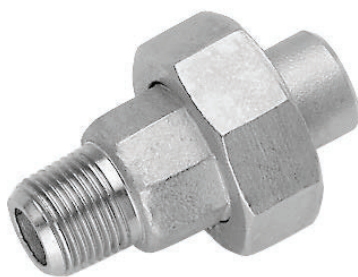
| DN     | L<br>mm | D<br>mm | d<br>mm | SW<br>mm | Peso<br>kg/u. |
|--------|---------|---------|---------|----------|---------------|
| 3/8"   | 38,0    | 17,2    | 12,7    | 35,0     | 0,11          |
| 1/2"   | 42,0    | 21,3    | 16,7    | 42,0     | 0,17          |
| 3/4"   | 50,4    | 26,9    | 21,5    | 47,0     | 0,23          |
| 1"     | 48,0    | 33,7    | 26,5    | 53,0     | 0,33          |
| 1.1/4" | 59,0    | 42,4    | 35,8    | 71,0     | 0,64          |
| 1.1/2" | 64,0    | 48,3    | 42,0    | 78,0     | 0,67          |
| 2"     | 69,0    | 60,3    | 53,3    | 92,0     | 1,04          |



### Enlace 3 piezas H soldar CÓNICA FIG 340/FBW

Acero Inoxidable 1.4408 / A-316  
Presión máxima 10 bar (150 PSI)  
Extremos roscados EN 10226-1 (ISO 7/1)

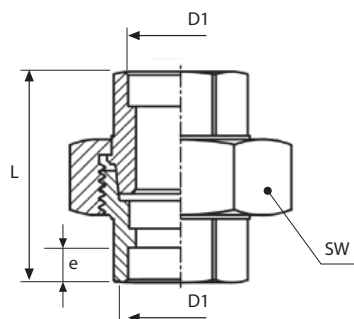
| DN     | L<br>mm | D<br>mm | d<br>mm | SW<br>mm | Peso<br>kg/u. |
|--------|---------|---------|---------|----------|---------------|
| 3/8"   | 38,0    | 17,2    | 12,7    | 35,0     | 0,11          |
| 1/2"   | 42,0    | 21,3    | 16,7    | 42,0     | 0,19          |
| 3/4"   | 50,4    | 26,9    | 21,5    | 47,0     | 0,27          |
| 1"     | 48,0    | 33,7    | 26,5    | 53,0     | 0,32          |
| 1.1/4" | 59,0    | 42,4    | 35,8    | 71,0     | 0,67          |
| 1.1/2" | 64,0    | 48,3    | 42,0    | 78,0     | 0,73          |
| 2"     | 69,0    | 60,3    | 53,3    | 92,0     | 1,13          |



### Enlace 3 piezas M soldar CÓNICA FIG 340/MBW

Acero Inoxidable 1.4408 / A-316  
Presión máxima 10 bar (150 PSI)  
Extremos roscados EN 10226-1 (ISO 7/1)

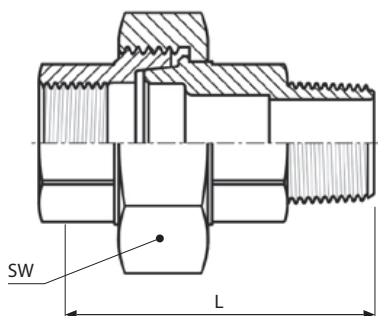
| DN     | L<br>mm | D<br>mm | d<br>mm | SW<br>mm | Peso<br>kg/u. |
|--------|---------|---------|---------|----------|---------------|
| 3/8"   | 50,0    | 17,2    | 12,7    | 35,0     | 0,13          |
| 1/2"   | 58,4    | 21,3    | 16,7    | 42,0     | 0,21          |
| 3/4"   | 66,0    | 26,9    | 21,5    | 47,0     | 0,31          |
| 1"     | 64,4    | 33,7    | 26,5    | 53,0     | 0,40          |
| 1.1/4" | 83,0    | 42,4    | 35,8    | 71,0     | 0,83          |
| 1.1/2" | 86,3    | 48,3    | 42,0    | 78,0     | 0,93          |
| 2"     | 94,0    | 60,3    | 53,3    | 92,0     | 1,44          |
|        |         |         |         |          |               |



### Enlace 3 piezas soldar CÓNICA FIG 340S

Acero Inoxidable 1.4408 / A-316  
Presión máxima 10 bar (150 PSI)  
Extremos roscados EN 10226-1 (ISO 7/1)

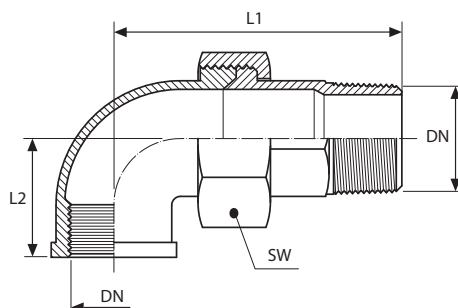
| DN     | L<br>mm | e<br>mm | SW<br>mm | D1<br>mm | Peso<br>kg/u. |
|--------|---------|---------|----------|----------|---------------|
| 1/8"   | 29,0    | 7,0     | 25,0     | 11,0     | 0,10          |
| 1/4"   | 37,5    | 7,0     | 30,0     | 14,4     | 0,10          |
| 3/8"   | 38,0    | 8,5     | 35,0     | 17,8     | 0,13          |
| 1/2"   | 42,0    | 8,5     | 42,0     | 22,0     | 0,20          |
| 3/4"   | 49,0    | 9,5     | 47,0     | 27,4     | 0,26          |
| 1"     | 48,0    | 11,5    | 53,0     | 34,1     | 0,41          |
| 1.1/4" | 59,0    | 12,5    | 71,0     | 42,9     | 0,61          |
| 1.1/2" | 65,0    | 12,5    | 77,0     | 48,9     | 0,77          |
| 2"     | 69,0    | 14,5    | 92,0     | 61,4     | 1,18          |
| 2.1/2" | 80,0    | 14,5    | 112,0    | 74,1     | 1,77          |
| 3"     | 88,0    | 14,5    | 126,0    | 90,1     | 2,51          |
|        |         |         |          |          |               |



## Enlace 3 piezas H-M CÓNICA FIG 341

Acero Inoxidable 1.4408 / A-316  
Presión máxima 10 bar (150 PSI)  
Extremos roscados EN 10226-1 (ISO 7/1)

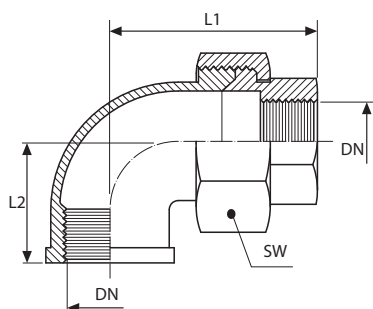
| DN     | L<br>mm | SW<br>mm | Peso<br>kg/u. |
|--------|---------|----------|---------------|
| 1/8"   | 40,0    | 25,0     | 0,06          |
| 1/4"   | 50,0    | 30,0     | 0,11          |
| 3/8"   | 50,0    | 35,0     | 0,13          |
| 1/2"   | 58,0    | 42,0     | 0,23          |
| 3/4"   | 67,0    | 47,0     | 0,31          |
| 1"     | 68,3    | 53,0     | 0,39          |
| 1.1/4" | 83,0    | 71,0     | 0,85          |
| 1.1/2" | 86,3    | 78,0     | 0,96          |
| 2"     | 94,0    | 92,0     | 1,47          |
| 2.1/2" | 113,3   | 112,0    | 2,46          |
| 3"     | 127,0   | 126,0    | 3,45          |
| 4"     | 154,5   | 157,0    | 5,72          |



## Enlace 3 pieza curva H-M CÓNICA FIG 342

Acero Inoxidable 1.4408 / A-316  
Presión máxima 10 bar (150 PSI)  
Extremos roscados EN 10226-1 (ISO 7/1)

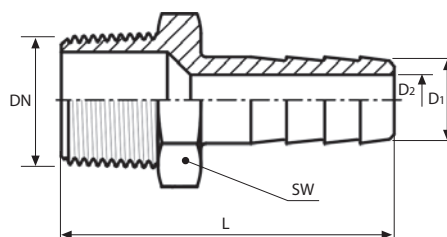
| DN     | L1<br>mm | L2<br>mm | SW<br>mm | Peso<br>kg/u. |
|--------|----------|----------|----------|---------------|
| 1/4"   | 58,6     | 21,0     | 30,0     | 0,15          |
| 3/8"   | 61,0     | 25,0     | 35,0     | 0,19          |
| 1/2"   | 71,0     | 28,0     | 42,0     | 0,27          |
| 3/4"   | 78,7     | 33,0     | 47,0     | 0,41          |
| 1"     | 88,4     | 38,0     | 53,0     | 0,60          |
| 1.1/4" | 102,9    | 45,0     | 71,0     | 1,14          |
| 1.1/2" | 110,3    | 50,0     | 78,0     | 1,32          |
| 2"     | 119,4    | 58,0     | 92,0     | 1,99          |



### Enlace 3 pieza curva H-H CÓNICA FIG 343

Acero Inoxidable 1.4408 / A-316  
Presión máxima 10 bar (150 PSI)  
Extremos roscados EN 10226-1 (ISO 7/1)

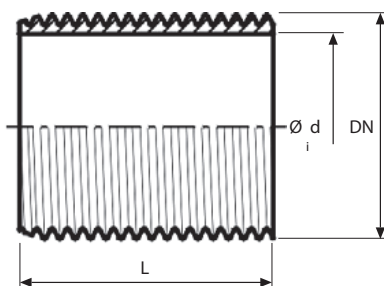
| DN     | L1<br>mm | L2<br>mm | SW<br>mm | Peso<br>kg/u. |
|--------|----------|----------|----------|---------------|
| 1/4"   | 46,2     | 21,0     | 30,0     | 0,15          |
| 3/8"   | 49,0     | 25,0     | 35,0     | 0,19          |
| 1/2"   | 56,0     | 28,0     | 42,0     | 0,27          |
| 3/4"   | 62,7     | 33,0     | 47,0     | 0,41          |
| 1"     | 68,0     | 38,0     | 53,0     | 0,60          |
| 1.1/4" | 79,5     | 45,0     | 71,0     | 1,14          |
| 1.1/2" | 88,0     | 50,0     | 78,0     | 1,32          |
| 2"     | 93,8     | 58,0     | 92,0     | 1,99          |



### Entronque manguera FIG 399

Acero Inoxidable 1.4408 / A-316  
Presión máxima 10 bar (150 PSI)  
Extremos roscados EN 10226-1 (ISO 7/1)

| DN     | D1<br>mm | D2<br>mm | L<br>mm | SW<br>mm | Peso<br>kg/u. |
|--------|----------|----------|---------|----------|---------------|
| 1/8"   | 7,2      | 3,0      | 45,0    | 12,5     | 0,02          |
| 1/4"   | 9,1      | 5,5      | 47,0    | 16,5     | 0,03          |
| 3/8"   | 13,0     | 8,0      | 55,0    | 20,0     | 0,06          |
| 3/8"   | 16,0     | 8,0      | 55,0    | 20,0     | 0,06          |
| 1/2"   | 15,2     | 11,0     | 64,0    | 23,5     | 0,07          |
| 1/2"   | 19,0     | 11,0     | 64,0    | 23,5     | 0,09          |
| 3/4"   | 20,1     | 13,5     | 68,0    | 31,0     | 0,14          |
| 3/4"   | 25,0     | 17,5     | 68,0    | 31,0     | 0,15          |
| 1"     | 25,4     | 18,0     | 71,0    | 38,5     | 0,20          |
| 1"     | 27,0     | 18,0     | 71,0    | 38,5     | 0,20          |
| 1.1/4" | 33,0     | 25,5     | 80,0    | 46,0     | 0,37          |
| 1.1/2" | 39,1     | 31,5     | 95,0    | 52,0     | 0,55          |
| 2"     | 51,1     | 43,0     | 105,0   | 62,0     | 0,81          |



## Manguito interior FIG 531

Tubo sin soldadura

Acero Inoxidable 1.4404 / A-316L

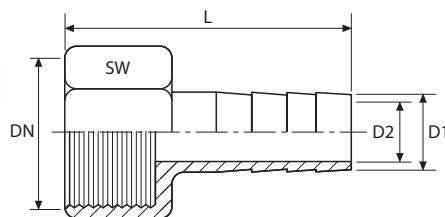
Presión máxima:

-20°C / +100°C= 40 bar (568 PSI)

+100°C / +200°C= 25 bar (355 PSI)

Extremos roscados EN ISO 228-1

| DN     | di<br>mm | L<br>mm | Peso<br>kg/u. |
|--------|----------|---------|---------------|
| 1/4"   | 9,0      | 18      | 0,01          |
| 3/8"   | 12,2     | 22      | 0,01          |
| 1/2"   | 15,5     | 25      | 0,02          |
| 3/4"   | 21,5     | 30      | 0,03          |
| 1"     | 27,0     | 35      | 0,05          |
| 1.1/4" | 34,7     | 38      | 0,08          |
| 1.1/2" | 41,2     | 38      | 0,08          |
| 2"     | 53,0     | 45      | 0,12          |
| 2.1/2" | 69,3     | 55      | 0,21          |
| 3"     | 80,5     | 60      | 0,30          |
| 4"     | 105,3    | 70      | 0,50          |



## Unión manguera FIG 599

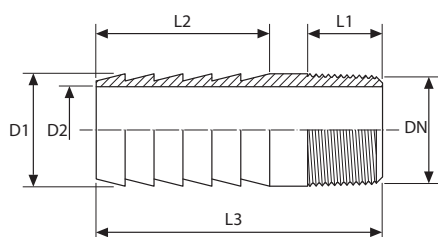
Acero Inoxidable 1.4408 / A-316

Presión máxima 10 bar (150 PSI)

Extremos roscados EN 10226-1 (ISO 7/1)

| DN     | D1<br>mm | D2<br>mm | L<br>mm | SW<br>mm | Peso<br>kg/u. |
|--------|----------|----------|---------|----------|---------------|
| 1/8"   | 6,5      | 3        | 39,0    | 15       | 0,022         |
| 1/4"   | 9,0      | 4        | 42,0    | 19       | 0,041         |
| 3/8"   | 11,0     | 6        | 53,0    | 22       | 0,055         |
| 1/2"   | 14,0     | 8        | 62,0    | 27       | 0,096         |
| 3/4"   | 20,5     | 14       | 63,5    | 32       | 0,133         |
| 1"     | 27,0     | 17       | 66,0    | 38       | 0,216         |
| 1.1/4" | 33,0     | 26       | 74,0    | 50       | 0,328         |
| 1.1/2" | 39,5     | 32       | 87,5    | 56       | 0,419         |
| 2"     | 52,0     | 43       | 94,5    | 68       | 0,679         |





## Entronque rosca-manguera FIG 601

Tubo sin soldadura

Acero Inoxidable 1.4404 / A-316L

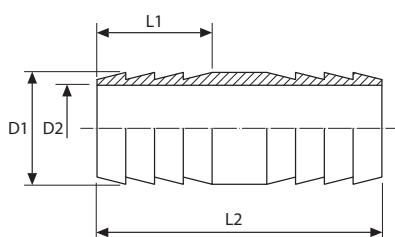
Presión máxima:

-20°C / +100°C= 40 bar (568 PSI)

+100°C / +200°C= 25 bar (355 PSI)

Extremos roscados EN 10226-1 (ISO 7/1)

| DN     | D1<br>mm | D2<br>mm | L1<br>mm | L2<br>mm | L3<br>mm | Peso<br>kg/u. |  |  |
|--------|----------|----------|----------|----------|----------|---------------|--|--|
| 1/4"   | 13,5     | 8,9      | 13       | 31       | 52       | 0,034         |  |  |
| 3/8"   | 17,2     | 12,6     | 15       | 31       | 54       | 0,036         |  |  |
| 1/2"   | 21,3     | 16,1     | 15       | 31       | 54       | 0,057         |  |  |
| 3/4"   | 26,9     | 21,7     | 18       | 35       | 63       | 0,072         |  |  |
| 1"     | 33,7     | 27,3     | 21       | 35       | 66       | 0,149         |  |  |
| 1.1/4" | 42,4     | 36,0     | 23       | 40       | 78       | 0,195         |  |  |
| 1.1/2" | 48,3     | 41,9     | 23       | 40       | 78       | 0,263         |  |  |
| 2"     | 60,3     | 53,1     | 23       | 40       | 78       | 0,326         |  |  |
|        |          |          |          |          |          |               |  |  |



## Doble manguera FIG 602

Tubo sin soldadura

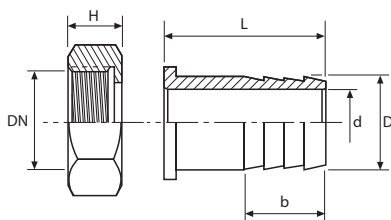
Acero Inoxidable 1.4404 / A-316L

Presión máxima:

-20°C / +100°C= 40 bar (568 PSI)

+100°C / +200°C= 25 bar (355 PSI)

| DN     | D1<br>mm | D2<br>mm | L1<br>mm | L2<br>mm | Peso<br>kg/u. |  |  |
|--------|----------|----------|----------|----------|---------------|--|--|
| 1/4"   | 13,5     | 8,9      | 31       | 70       | 0,047         |  |  |
| 3/8"   | 17,2     | 12,6     | 31       | 70       | 0,050         |  |  |
| 1/2"   | 21,3     | 16,1     | 31       | 70       | 0,071         |  |  |
| 3/4"   | 26,9     | 21,7     | 35       | 80       | 0,097         |  |  |
| 1"     | 33,7     | 27,3     | 35       | 80       | 0,186         |  |  |
| 1.1/4" | 42,4     | 36,0     | 40       | 95       | 0,254         |  |  |
| 1.1/2" | 48,3     | 41,9     | 40       | 95       | 0,360         |  |  |
| 2"     | 60,3     | 53,1     | 40       | 95       | 0,429         |  |  |
|        |          |          |          |          |               |  |  |



## Racor 2PR manguera FIG 603

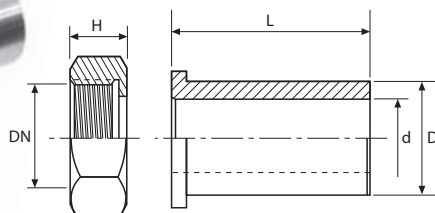
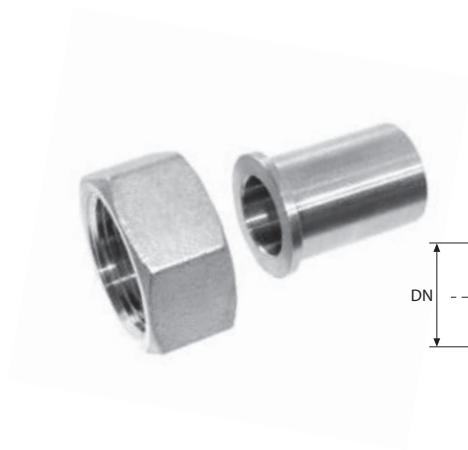
Acero Inoxidable 1.4408 / A-316

Presión máxima 10 bar (150 PSI)

Extremos roscados EN ISO 228-1

No incluye junta

| DN     | H<br>mm | D<br>mm | d<br>mm | L<br>mm | b<br>mm | Peso<br>kg/u. |
|--------|---------|---------|---------|---------|---------|---------------|
| 3/8"   | 14      | 13      | 7       | 28      | 15      | 0,050         |
| 1/2"   | 15      | 15      | 10      | 30      | 15      | 0,058         |
| 3/4"   | 16      | 20      | 14      | 35      | 20      | 0,089         |
| 1"     | 18      | 25      | 19      | 40      | 20      | 0,156         |
| 1.1/4" | 19      | 33      | 26      | 47      | 24      | 0,198         |
| 1.1/2" | 21      | 39      | 31      | 68      | 43      | 0,366         |
| 2"     | 23      | 51      | 41      | 82      | 52      | 0,665         |
|        |         |         |         |         |         |               |



## Racor 2PR tubo FIG 604

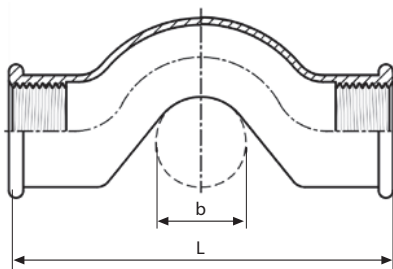
Acero Inoxidable 1.4408 / A-316

Presión máxima 10 bar (150 PSI)

Extremos roscados EN ISO 228-1

No incluye junta

| DN     | H<br>mm | D<br>mm | d<br>mm | L<br>mm | Peso<br>kg/u. |
|--------|---------|---------|---------|---------|---------------|
| 3/8"   | 14      | 13      | 7       | 20      | 0,047         |
| 1/2"   | 15      | 15      | 10      | 25      | 0,056         |
| 3/4"   | 16      | 20      | 15      | 30      | 0,081         |
| 1"     | 18      | 25      | 19      | 35      | 0,155         |
| 1.1/4" | 19      | 33      | 27      | 40      | 0,181         |
| 1.1/2" | 21      | 39      | 32      | 45      | 0,304         |
| 2"     | 23      | 51      | 42      | 50      | 0,507         |
|        |         |         |         |         |               |



**Curva puente**  
**FIG 85**

Acero Inoxidable 1.4408 / A-316

Presión máxima 10 bar (150 PSI)

Extremos roscados EN 10226-1 (ISO 7/1)

| DN   | L<br>mm | Peso<br>kg/u. |
|------|---------|---------------|
| 3/8" | 78      | 0,13          |
| 1/2" | 91      | 0,19          |
| 3/4" | 106     | 0,27          |
| 1"   | 119     | 0,51          |