

# Raccordi per Pompe

Pump  
Connectors



■ Officine Meccaniche

**ciocca** s.r.l.

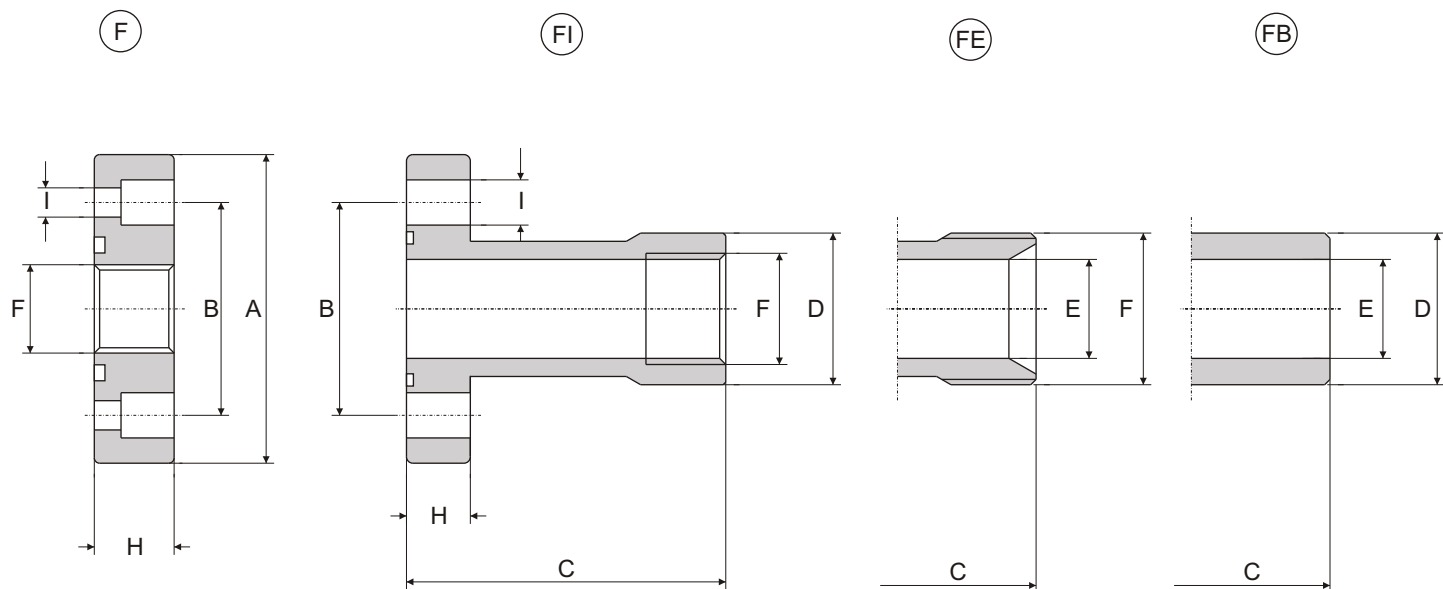
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## RACCORDI POMPA DRITTI

**Straight pump connector**  
**Raccord droit pour pompe**  
**Flanschanschluß gerade**



**F** = Flangia / Flange / Bride / Flansch

**FI** = Raccordo dritto con filettatura interna / Straight connector with internal thread / Raccord droit taraude femelle / Einschraubflansch

**FE** = Raccordo dritto con filettatura esterna / Straight connector with external thread / Raccord droit taraude mâle / Außengewindeflansch

**FB** = Raccordo dritto / Straight flange / Raccord droit / Flansch

| Tipo<br>Type | Gruppo pompa<br>Pump group | A  | B    | C  | D    | E    | F      | H  | I    | N. fori<br>N. Holes | Viti<br>Bolts | OR<br>O-RING |
|--------------|----------------------------|----|------|----|------|------|--------|----|------|---------------------|---------------|--------------|
| F            | 1                          | 45 | 30   | -  | -    | -    | 3/8"   | 13 | 6,5  | 4                   | M 6 x 16      | 2075         |
| FI           | 1                          | 45 | 30   | 55 | 21   | -    | 3/8"   | 10 | 6,5  | 4                   | M 6 x 20      | 2075         |
| FE           | 1                          | 45 | 30   | 55 | -    | 14   | 1/2"   | 10 | 6,5  | 4                   | M 6 x 20      | 2075         |
| FB           | 1                          | 45 | 30   | 55 | 19   | 14   | -      | 10 | 6,5  | 4                   | M 6 x 20      | 2075         |
| F            | 2                          | 58 | 40   | -  | -    | -    | 1/2"   | 15 | 8,5  | 4                   | M 8 x 20      | 2100         |
| FI           | 2                          | 58 | 40   | 60 | 26,5 | -    | 1/2"   | 12 | 8,5  | 4                   | M 8 x 25      | 2100         |
| FE           | 2                          | 58 | 40   | 60 | -    | 19   | 3/4"   | 12 | 8,5  | 4                   | M 8 x 25      | 2100         |
| FB           | 2                          | 58 | 40   | 60 | 25,4 | 19   | -      | 12 | 8,5  | 4                   | M 8 x 25      | 2100         |
| F            | 3/A                        | 75 | 51   | -  | -    | -    | 3/4"   | 18 | 10,5 | 4                   | M10 x 25      | 3125         |
| FI           | 3/A                        | 76 | 51   | 72 | 33,5 | -    | 3/4"   | 16 | 10,5 | 4                   | M10 x 35      | 3125         |
| FE           | 3/A                        | 76 | 51   | 72 | -    | 24   | 1"     | 16 | 10,5 | 4                   | M10 x 35      | 3125         |
| FB           | 3/A                        | 76 | 51   | 72 | 32   | 24,5 | -      | 16 | 10,5 | 4                   | M10 x 35      | 3125         |
| F            | 3/B                        | 75 | 56   | -  | -    | -    | 3/4"   | 18 | 10,5 | 4                   | M10 x 25      | 3125         |
| FI           | 3/B                        | 76 | 56   | 72 | 33,5 | -    | 3/4"   | 16 | 10,5 | 4                   | M10 x 35      | 3125         |
| FE           | 3/B                        | 76 | 56   | 72 | -    | 24   | 1"     | 16 | 10,5 | 4                   | M10 x 35      | 3125         |
| FB           | 3/B                        | 76 | 56   | 72 | 32   | 24,5 | -      | 16 | 10,5 | 4                   | M10 x 35      | 3125         |
| F            | 3,5/A                      | 88 | 62   | -  | -    | -    | 1"     | 20 | 10,5 | 4                   | M10 x 25      | 144          |
| F            | 3,5/B                      | 88 | 62   | -  | -    | -    | 1"     | 20 | 12,5 | 4                   | M12 x 25      | 144          |
| F            | 4                          | 98 | 72,5 | -  | -    | -    | 1" 1/4 | 22 | 12,5 | 4                   | M12 x 30      | 4187         |

Costruiti in acciaio, questi raccordi e flange permettono di collegare i tubi di aspirazione o mandata sulle pompe oleodinamiche evitando perdite di carico dovute a raccordi a gomito. Sono forniti completi di viti ed o-ring (vedi tabella) e rondelle Grower.

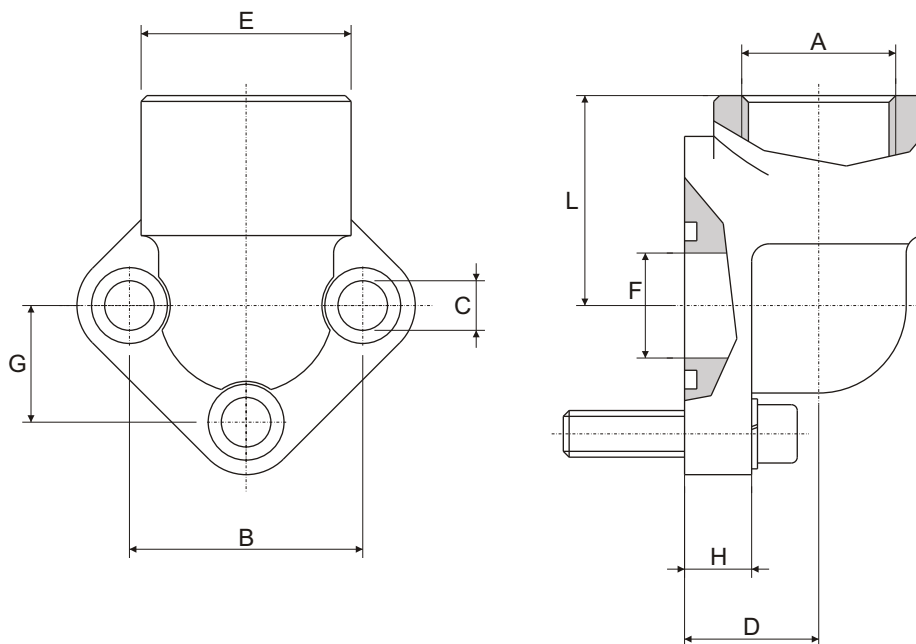
Straight flanges made of steel which allow the connection of rigid tubes to the inlet or outlet ports of hydraulic pumps. They're supplied complete with screws, o-ring (see schedule) and expansion washers.

Ces raccords sont fait en acier. Ils permettent de relier les tubes d'entrée et sortie sur les pompes oleodinamiques et ils évitent les pertes de charge causées par les raccords coude. Ils sont vendues avec vis, rondelles et OR.

Gerade Anschlüsse aus Stahl zur Verbindung der Saug- und Druckschläuche mit Universal-Zahnradpumpen. Einschließlich Schrauben, Federringen und O-Ringen (Siehe Tabelle)

## RACCORDI SERIE RPA

**RPA connectors**  
**Raccord RPA à 90° pour pompe**  
**Gewinde-Winkelflansch RPA Werkstoff: Stahl**



Costruiti in acciaio, sono adatti per il montaggio su pompe e motori oleodinamici. A richiesta si eseguono anche a saldare di tasca.

These elbow joints are made of steel. They are supplied complete with screws. On request we also produce it socket welding.

Ils sont fait en acier et ils sont apte pour être montés sur pompes et moteurs oleodinamiques. Sur demand à emmanchement.

Hergestellt aus Stahl, Sie sind für die Montage von Pumpen und Hydraulischenmotoren geeignet. Auf anfrage auch als schweissflansch

| Tipo<br>Type                   | Gruppo pompa<br>Pump group | B    | G    | C    | E  | A                                        | L  | F        | H    | D  | N. fori<br>N. Holes | Viti<br>Bolts | OR<br>O-RING |
|--------------------------------|----------------------------|------|------|------|----|------------------------------------------|----|----------|------|----|---------------------|---------------|--------------|
| RPA 0,5/38<br>RPA 0,5/12       | 0,5                        | 26   | 13   | 5,5  | 30 | $\frac{3}{8}$ "<br>$\frac{1}{2}$ "       | 31 | 11       | 9    | 17 | 3                   | M 5 x 18      | 2056         |
| RPA 1/38<br>RPA 1/12           | 1                          | 30   | 15   | 6,5  | 30 | $\frac{3}{8}$ "<br>$\frac{1}{2}$ "       | 31 | 12       | 9    | 17 | 3                   | M 6 x 20      | 121          |
| RPA 2/12<br>RPA 2/34           | 2                          | 40   | 20   | 8,5  | 36 | $\frac{1}{2}$ "<br>$\frac{3}{4}$ "       | 36 | 19       | 11,5 | 23 | 3                   | M 8 x 25      | 132          |
| RPA 3/34/A<br>RPA 3/100/A      | 3                          | 51   | 25,5 | 10,5 | 45 | $\frac{3}{4}$ "<br>1"                    | 46 | 24       | 13   | 26 | 3                   | M10 x 30      | 4118         |
| RPA 3/34/B<br>RPA 3/100/B      | 3                          | 56   | 28   | 10,5 | 45 | $\frac{3}{4}$ "<br>1"                    | 46 | 24       | 13   | 26 | 3                   | M10 x 30      | 4118         |
| RPA 3,5 114/A<br>RPA 3,5 100/A | 3,5                        | 62   | 31   | 11   | 55 | 1" $\frac{1}{4}$ "<br>1"                 | 55 | 31<br>25 | 14   | 35 | 3                   | M10 x 30      | 4150         |
| RPA 3,5 114/B<br>RPA 3,5 100/B | 3,5                        | 62   | 31   | 13   | 55 | 1" $\frac{1}{4}$ "<br>1"                 | 55 | 31<br>25 | 14   | 35 | 3                   | M12 x 35      | 4150         |
| RPA 4/112<br>RPA 4/114         | 4                          | 72,5 | 36,2 | 13   | 62 | 1" $\frac{1}{2}$ "<br>1" $\frac{1}{4}$ " | 58 | 38<br>31 | 15   | 38 | 3                   | M12 x 35      | 4187         |

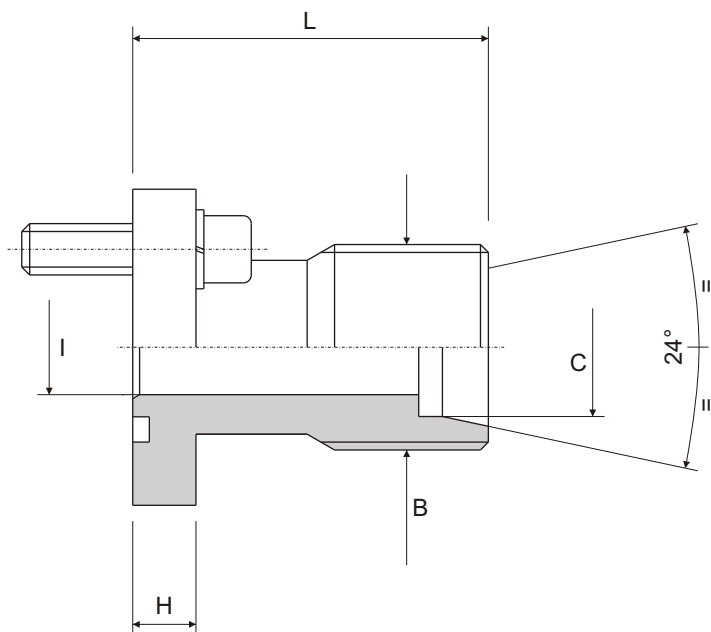
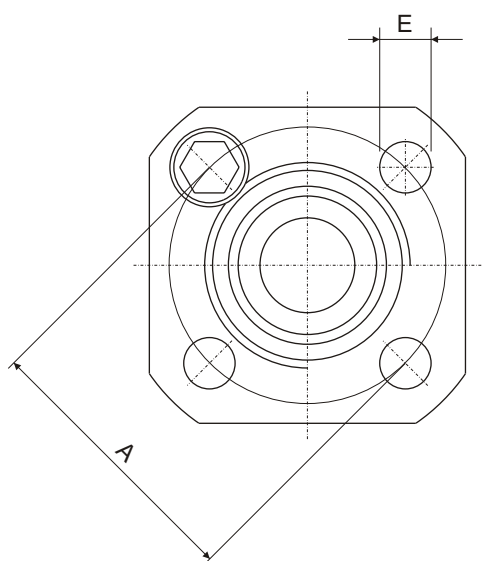
Per ordinazione flange: / Ordering Examples: / Pour commander brides: / Bestellbeispiel für Flansche:

Solo flangia.....RPA...  
 Only flange.....RPA...  
 Seulement bride...RPA...  
 Nur Flansch.....RPA...

Flangia completa di viti metriche, rondelle e OR.....RPA...M  
 Complete flange with metrical screws, washers and o-ring.....RPA...M  
 Bride complete des vis métriques, rondelles et OR.....RPA...M  
 Flansch einschl. metrischen Zylinderschrauben, Federringen und O-Ring..RPA...M

# RACCORDO DRITTO PER POMPA con attacco DIN 2353

**Pump connector according  
to DIN 2353**  
**Raccord droit pour pompe taraudé  
métrique DIN 2353**  
**Pumpenanschluss nach DIN 2353**



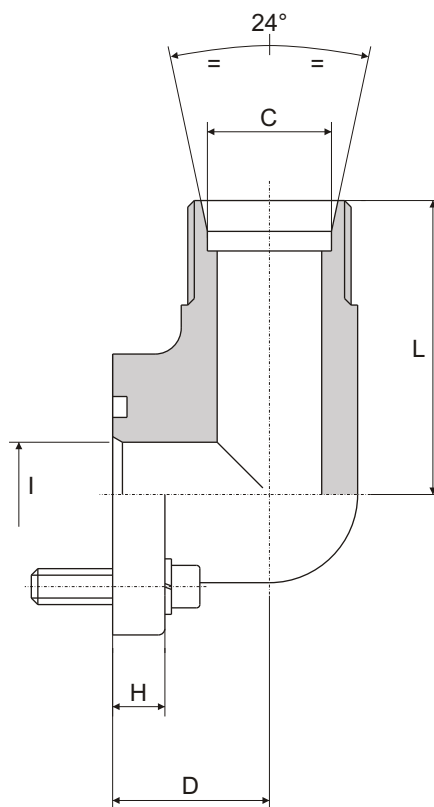
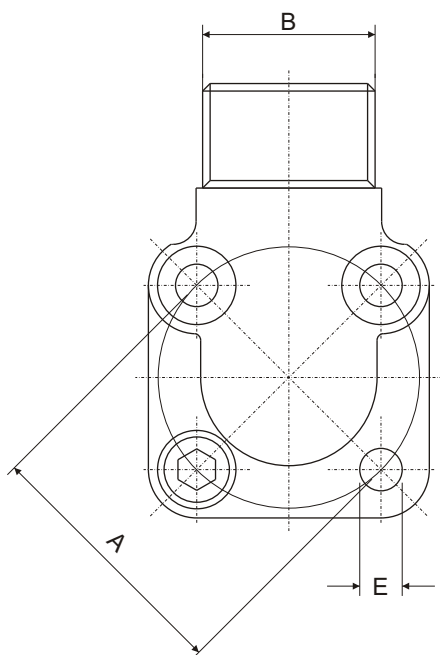
| Pressione max<br>esercizio bar | Tipo<br>Type | A  | B         | C  | E   | H  | I  | L  | M<br>viti / bolts | OR<br>O-RING |
|--------------------------------|--------------|----|-----------|----|-----|----|----|----|-------------------|--------------|
| 315                            | RD 35-10 L   | 35 | M16 x 1,5 | 10 | 6,5 | 8  | 8  | 30 | 6 x 20            | 3075         |
| 315                            | RD 35-12 L   |    | M18 x 1,5 | 12 |     |    | 10 |    |                   |              |
| 250                            | RD 35-15 L   |    | M22 x 1,5 | 15 |     |    | 12 |    |                   |              |
| 315                            | RD 35-16 S   |    | M24 x 1,5 | 16 |     |    | 12 |    |                   |              |
| 100                            | RD 40-15 L   | 40 | M22 x 1,5 | 15 | 6,5 | 8  | 12 | 35 | 6 x 20            | 3100         |
| 100                            | RD 40-18 L   |    | M26 x 1,5 | 18 |     |    | 15 |    |                   |              |
| 100                            | RD 40-22 L   |    | M30 x 2   | 22 |     |    | 19 |    |                   |              |
| 100                            | RD 40-28 L   |    | M36 x 2   | 28 |     |    | 19 |    |                   |              |
| 250                            | RD 40-20 S   |    | M30 x 2   | 20 |     |    | 16 |    |                   |              |
| 250                            | RD 55-20 S   | 55 | M30 x 2   | 20 | 8,5 | 12 | 16 | 50 | 8 x 25            | 3125         |
| 250                            | RD 55-25 S   |    | M36 x 2   | 25 |     |    | 20 |    |                   |              |
| 250                            | RD 55-30 S   |    | M42 x 2   | 30 |     |    | 26 |    |                   |              |
| 100                            | RD 55-35 L   |    | M45 x 2   | 35 |     |    | 26 |    |                   |              |

Per ordinare raccordi .....RD...M  
How to order connectors .....RD...M  
Pour commander .....RD...M  
Bestellbeispiel für Anschluss .....RD...M

La misura "C" può essere variata a seconda delle esigenze del cliente.  
Measurement "C" can be changed according to customer's requests.  
La mesure "C" peut être changé selon les exigences de la clientèle.  
Auch für andere abmessungen "C" nach vorgabe Lieferbar.

# **RACCORDO A 90° PER POMPA** **con attacco DIN 2353**

**90° Pump connector**  
**according to DIN 2353**  
**Raccord à 90° taraudé métrique DIN 2353**  
**90° Pumpenanschluss nach DIN 2353**



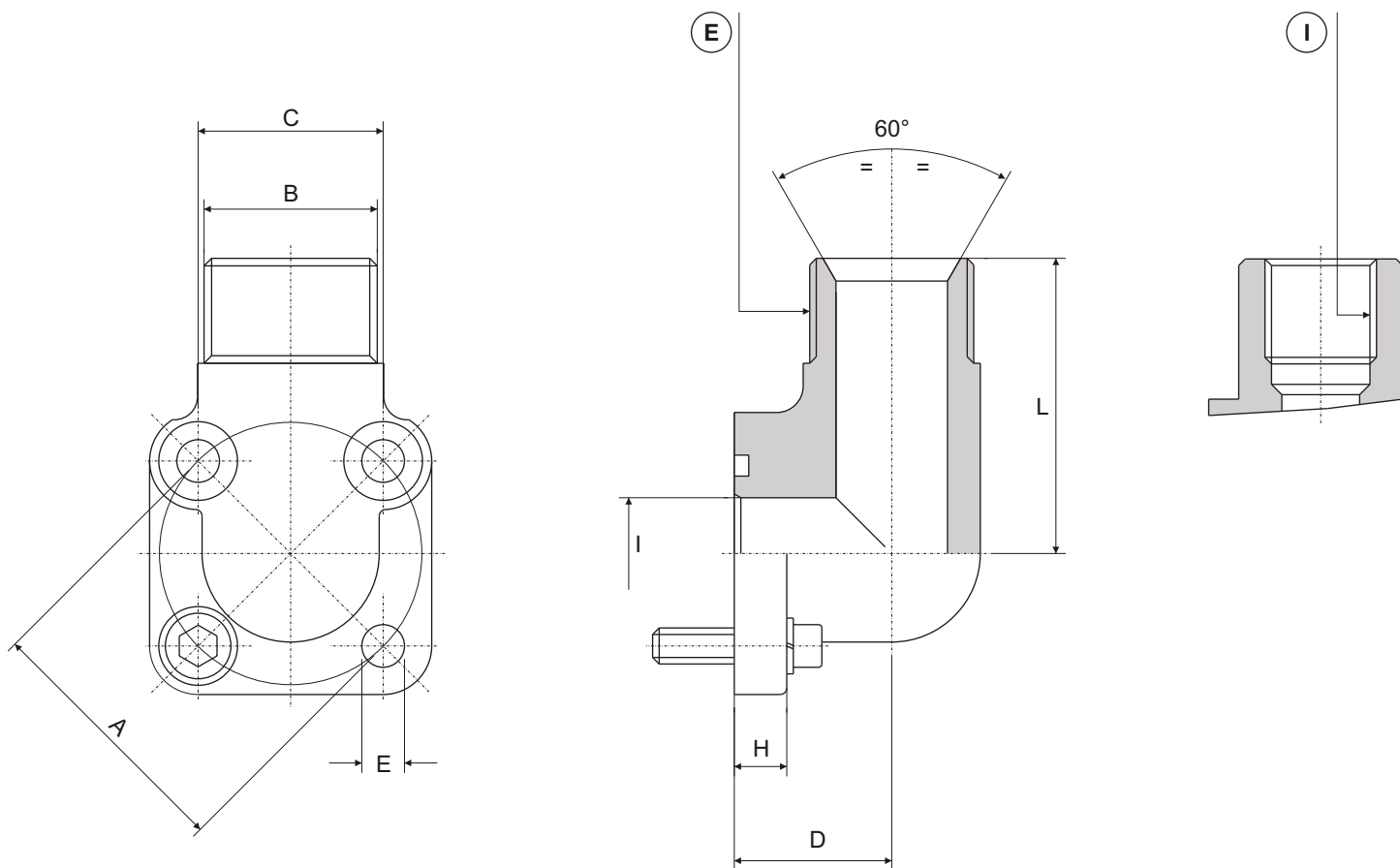
| Pressione max<br>esercizio bar | Tipo<br>Type  | A  | B         | C  | D    | E   | H  | I  | L  | M Viti / Bolts |        | OR<br>O-RING |
|--------------------------------|---------------|----|-----------|----|------|-----|----|----|----|----------------|--------|--------------|
|                                |               |    |           |    |      |     |    |    |    | N. 2           | N. 2   |              |
| 315                            | R 35-10 L-90° | 35 | M16 x 1,5 | 10 | 16,5 | 6,5 | 8  | 8  | 38 | 6 x 20         | 6 x 35 | 3075         |
| 315                            | R 35-12 L-90° |    | M18 x 1,5 | 12 | 16,5 |     |    | 10 |    |                | 6 x 35 |              |
| 250                            | R 35-15 L-90° |    | M22 x 1,5 | 15 | 16,5 |     |    | 12 |    |                | 6 x 35 |              |
| 315                            | R 35-16 S-90° |    | M24 x 1,5 | 16 | 20   |     |    | 12 |    |                | 6 x 40 |              |
| 100                            | R 40-15 L-90° | 40 | M22 x 1,5 | 15 | 22,5 | 6,5 | 8  | 12 | 38 | 6 x 20         | 6 x 40 | 3100         |
| 100                            | R 40-18 L-90° |    | M26 x 1,5 | 18 | 22,5 |     |    | 15 | 38 |                | 6 x 40 |              |
| 100                            | R 40-22 L-90° |    | M30 x 2   | 22 | 22,5 |     |    | 18 | 38 |                | 6 x 40 |              |
| 100                            | R 40-28 L-90° |    | M36 x 2   | 28 | 28   |     |    | 18 | 40 |                | 6 x 50 |              |
| 250                            | R 40-20 S-90° |    | M30 x 2   | 20 | 22,5 |     |    | 16 | 40 |                | 6 x 40 |              |
| 100                            | R 55-35 L-90° | 55 | M45 x 2   | 35 | 31   | 8,5 | 12 | 26 | 49 | 8 x 25         | 8 x 60 | 3125         |
| 250                            | R 55-20 S-90° |    | M30 x 2   | 20 | 24   |     |    | 16 | 46 |                | 8 x 45 |              |
| 250                            | R 55-25 S-90° |    | M36 x 2   | 25 | 31   |     |    | 20 | 49 |                | 8 x 60 |              |
| 250                            | R 55-30 S-90° |    | M42 x 2   | 30 | 31   |     |    | 26 | 49 |                | 8 x 60 |              |
| 100                            | R 55-42 L-90° |    | M52 x 2   | 42 | 40   |     |    | 26 | 49 |                | 8 x 70 |              |
| 250                            | R 55-38 S-90° |    | M52 x 2   | 38 | 40   |     |    | 26 | 49 |                | 8 x 70 |              |

Per ordinare raccordi ..... R...M  
 How to order connectors ..... R...M  
 Pour commander ..... R...M  
 Bestellbeispiel für Anschluss ..... R...M

La misura "C" può essere variata a seconda delle esigenze del cliente.  
 Measurement "C" can be changed according to customer's requests.  
 La mesure "C" peut être changé selon les exigences de la clientèle.  
 Auch für andere abmessungen "C" nach vorgabe Lieferbar.

# RACCORDO A 90° PER POMPA con attacco GAS

**90° Pump connector BSP threaded**  
**Raccord à 90° tauradé BSP**  
**90° Pumpenanschluss mit gewinde**



| Pressione max<br>esercizio bar | Tipo<br>Type    | A  | B    | C    | D    | E   | H  | I  | L  | M Viti / Bolts |        | OR<br>O-RING |
|--------------------------------|-----------------|----|------|------|------|-----|----|----|----|----------------|--------|--------------|
|                                |                 |    |      |      |      |     |    |    |    | N. 2           | N. 2   |              |
| 315                            | R 35-90°-3/8"   | 35 | 3/8" | 24,8 | 16,5 | 6,5 | 8  | 10 | 38 | 6 x 20         | 6 x 35 | 3075         |
|                                | R 35-90°-1/2"   |    | 1/2" |      | 16,5 |     |    | 12 | 38 |                | 6 x 35 |              |
|                                | R 35-90°-3/4" * |    | 3/4" |      | 20   |     |    | 15 | 40 |                | 6 x 40 |              |
| 250                            | R 40-90°-3/8"   | 40 | 3/8" | 28,2 | 22,5 | 6,5 | 8  | 10 | 38 | 6 x 20         | 6 x 40 | 3100         |
|                                | R 40-90°-1/2"   |    | 1/2" |      | 22,5 |     |    | 12 | 38 |                | 6 x 40 |              |
|                                | R 40-90°-3/4"   |    | 3/4" |      | 22,5 |     |    | 17 | 38 |                | 6 x 40 |              |
|                                | R 40-90°-1" *   |    | 1"   |      | 28   |     |    | 19 | 40 |                | 6 x 50 |              |
| 250                            | R 55-90°-1/2"   | 55 | 1/2" | 38,8 | 24   | 8,5 | 12 | 12 | 49 | 8 x 25         | 8 x 45 | 3125         |
|                                | R 55-90°-3/4"   |    | 3/4" |      | 31   |     |    | 17 | 46 |                | 8 x 60 |              |
|                                | R 55-90°-1"     |    | 1"   |      | 31   |     |    | 22 | 49 |                | 8 x 70 |              |

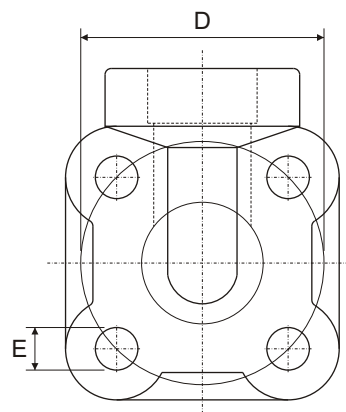
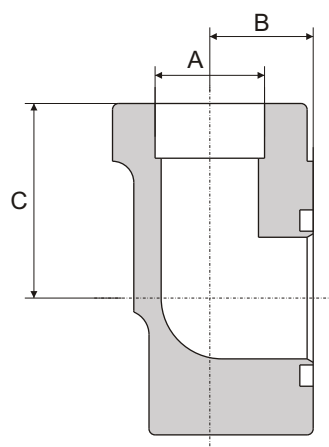
\* Solo tipo "E" / Only "E" type / Seulement tipe "E" / Nur "E"

Per ordinare raccordi ..... R...E / R...I  
 How to order connectors ..... R...E / R...I  
 Pour commander ..... R...E / R...I  
 Bestellbeispiel für Anschluss ..... R...E / R...I

La misura "B" può essere variata a seconda delle esigenze del cliente.  
 Measurement "B" can be changed according to customer's requests.  
 La mesure "B" peut être changé selon les exigences de la clientèle.  
 Auch für andere abmessungen "B" nach vorgabe Lieferbar.

# RACCORDO A 90° A SALDARE DI TASCA

**Socket weld 90° connector**  
**Raccord à 90° à emmanchement**  
**Einschweis-Winkelflansch 90°**



## tipo A

| Tipo<br>Type   | A  | B  | C  | D  | E   | B<br>Viti / Bolts | OR<br>O-RING |
|----------------|----|----|----|----|-----|-------------------|--------------|
| F-30-12-90°-SA | 12 | 13 | 27 | 30 | 6,5 | 6 x 30            | 121          |
| F-30-14-90°-SA | 14 |    |    |    |     |                   |              |
| F-30-16-90°-SA | 16 |    |    |    |     |                   |              |
| F-30-18-90°-SA | 18 |    |    |    |     |                   |              |
| F-35-14-90°-SA | 14 | 14 | 30 | 35 | 6,5 | 6 x 35            | 3075         |
| F-35-16-90°-SA | 16 |    |    |    |     |                   |              |
| F-35-18-90°-SA | 18 |    |    |    |     |                   |              |
| F-35-20-90°-SA | 20 |    |    |    |     |                   |              |
| F-40-18-90°-SA | 18 | 17 | 32 | 40 | 6,5 | 6 x 40            | 132          |
| F-40-20-90°-SA | 20 |    |    |    |     |                   |              |
| F-40-22-90°-SA | 22 |    |    |    |     |                   |              |
| F-40-25-90°-SA | 25 |    |    |    |     |                   |              |

## tipo B

| Tipo<br>Type   | A  | B  | C  | D  | E   | B<br>Viti / Bolts | OR<br>O-RING |
|----------------|----|----|----|----|-----|-------------------|--------------|
| F-30-12-90°-SB | 12 | 13 | 27 | 30 | 8,5 | 8 x 35            | 121          |
| F-30-14-90°-SB | 14 |    |    |    |     |                   |              |
| F-30-16-90°-SB | 16 |    |    |    |     |                   |              |
| F-35-14-90°-SB | 14 | 14 | 30 | 35 | 8,5 | 8 x 40            | 3075         |
| F-35-16-90°-SB | 16 |    |    |    |     |                   |              |
| F-35-18-90°-SB | 18 |    |    |    |     |                   |              |
| F-40-18-90°-SB | 18 | 17 | 32 | 40 | 8,5 | 8 x 40            | 132          |
| F-40-20-90°-SB | 20 |    |    |    |     |                   |              |
| F-40-22-90°-SB | 22 |    |    |    |     |                   |              |
| F-40-25-90°-SB | 25 |    |    |    |     |                   |              |

Per ordinare raccordi a 90°.....F...A / F...B  
 How to order 90° connectors.....F...A / F...B  
 Pour commander.....F...A / F...B  
 Bestellbeispiel für Anschluss.....F...A / F...B

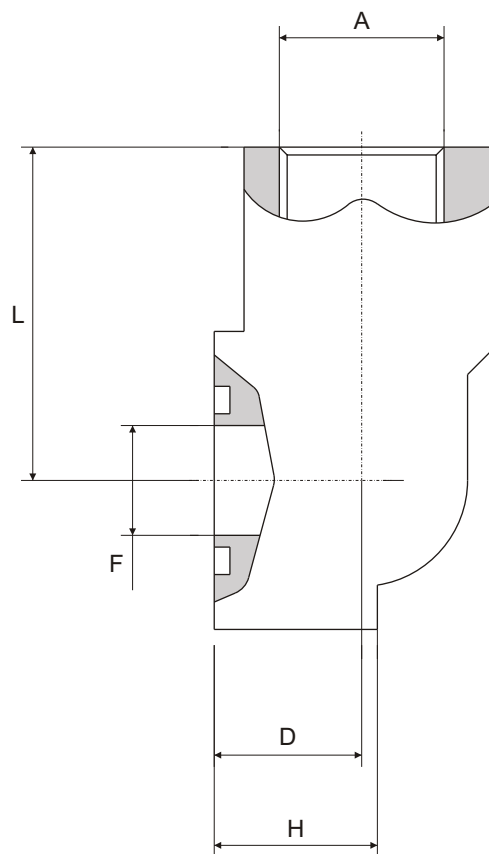
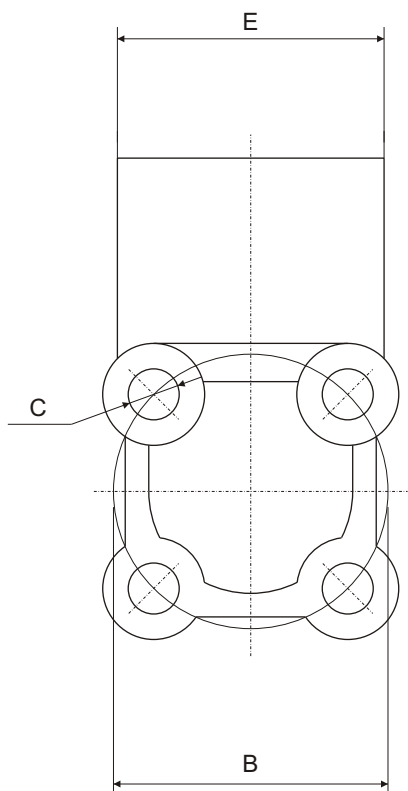
La misura "A" può essere variata a seconda delle esigenze del cliente.  
 Measurement "A" can be changed according to customer's requests.  
 La mesure "A" peut être changé selon les exigences de la clientèle.  
 Auch für andere abmessungen "A" nach vorgebe Lieferbar.

# RACCORDO ALLUMINIO 90° SERIE RPB

RPB Connectors

Raccord RPB

Gewinde-Winkelflansch RPB Werkstoff: Aluminium



| Pressione max esercizio bar | Tipo Type    | Taglia Size | A BSP | B  | C   | D  | E  | F    | H  | L    | N. Fori Holes | Viti / Bolts      | OR O-RING |
|-----------------------------|--------------|-------------|-------|----|-----|----|----|------|----|------|---------------|-------------------|-----------|
| 180                         | RPB 38 - 30  | 30          | 3/8"  | 30 | 6,5 | 18 | 33 | 11,5 | 20 | 39   | 4             | M 6 x 30-M 6 x 40 | 121       |
|                             | RPB 12 - 30  | 30          | 1/2"  | 30 | 6,5 | 18 | 33 | 11,5 | 20 | 39   | 4             | M 6 x 30-M 6 x 40 | 121       |
| 180                         | RPB 38 - 35  | 35          | 3/8"  | 35 | 6,5 | 18 | 34 | 14   | 20 | 42,5 | 4             | M 6 x 30-M 6 x 40 | 3075      |
|                             | RPB 12 - 35  | 35          | 1/2"  | 35 | 6,5 | 18 | 34 | 14   | 20 | 42,5 | 4             | M 6 x 30-M 6 x 40 | 3075      |
| 180                         | RPB 12 - 40  | 40          | 1/2"  | 40 | 6,5 | 24 | 41 | 18   | 28 | 47,5 | 4             | M 6 x 40-M 6 x 50 | 130       |
|                             | RPB 34 - 40  | 40          | 3/4"  | 40 | 6,5 | 24 | 41 | 18   | 28 | 47,5 | 4             | M 6 x 40-M 6 x 50 | 130       |
| 180                         | RPB 34 - 55  | 55          | 3/4"  | 55 | 8,5 | 29 | 49 | 24,5 | 31 | 54   | 4             | M 8 x 45-M 8 x 60 | 4118      |
|                             | RPB 100 - 55 | 55          | 1"    | 55 | 8,5 | 29 | 49 | 24,5 | 31 | 54   | 4             | M 8 x 45-M 8 x 60 | 4118      |

Per ordinare.....RPB...  
Ordering examples.....RPB...

Pour commander.....RPB...  
Bestellbeispiel.....RPB...

Costruiti in alluminio, sono adatti per il montaggio su pompe e motori oleodinamici. Vengono forniti completi di viti ed o-ring e rondelle Schnorr.

These elbow joints are made of aluminium. They are supplied complete with screws, o-ring and Schnorr washers.

Ils sont fait en aluminium et ils sont apte pour être montés sûr pompe et moteurs oleodinamiques. Ils sont vendu avec vis, OR et rondelles schnorr.

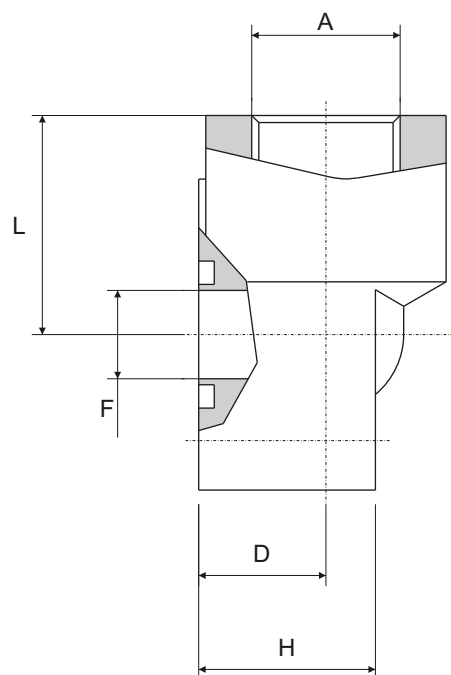
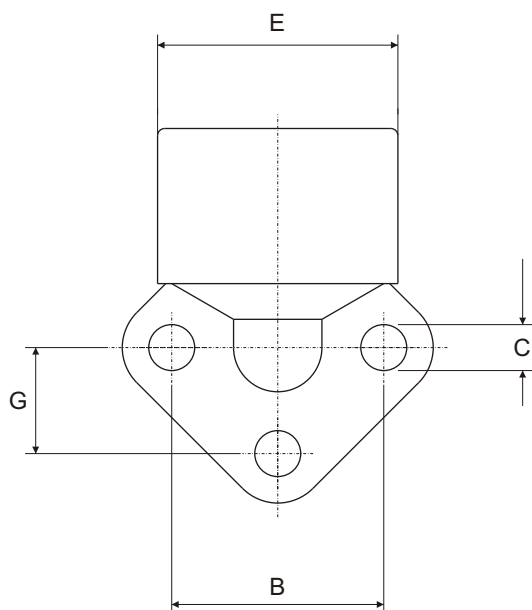
Hergestellt aus Aluminium. Sie sind für die Montage von Pumpen und Hydraulikmotoren geeignet. Ausgerüstet mit Schrauben, OR und Schnorr-Ringen.

# RACCORDO ALLUMINIO 90° SERIE RAP

**RAP Connectors**

**Raccord RAP**

**Gewinde-Winkelflansch RAP Werkstoff: Aluminium**



| Pressione max esercizio bar | Tipo Type   | Gruppo pompa Pump size | A BSP | B     | C   | D    | E  | F    | G       | H  | L  | N. Fori Holes | Viti / Bolts | OR O-RING |
|-----------------------------|-------------|------------------------|-------|-------|-----|------|----|------|---------|----|----|---------------|--------------|-----------|
| 180                         | RAP 05 - 38 | 05                     | 3/8"  | 26    | 5,5 | 18   | 31 | 10   | 13      | 25 | 31 | 3             | M 5 x 35     | 2056      |
|                             | RAP 05 - 12 | 05                     | 1/2"  | 26    | 5,5 | 18   | 31 | 10   | 13      | 25 | 31 | 3             | M 5 x 35     | 2056      |
| 180                         | RAP 1 - 38  | 1                      | 3/8"  | 30    | 6,5 | 18   | 34 | 12,5 | 15      | 26 | 31 | 3             | M 6 x 35     | 121       |
|                             | RAP 1 - 12  | 1                      | 1/2"  | 30    | 6,5 | 18   | 34 | 12,5 | 15      | 26 | 31 | 3             | M 6 x 35     | 121       |
| 180                         | RAP 2 - 12  | 2                      | 1/2"  | 40    | 8,5 | 21,5 | 42 | 18   | 20      | 31 | 40 | 3             | M 8 x 45     | 130       |
|                             | RAP 2 - 34  | 2                      | 3/4"  | 40    | 8,5 | 21,5 | 42 | 18   | 20      | 31 | 40 | 3             | M 8 x 45     | 130       |
| 180                         | RAP 3 - 34  | 3                      | 3/4"  | 51-56 | 11  | 26   | 49 | 24,5 | 25,5-28 | 42 | 46 | 3             | M10 x 60     | 4118      |
|                             | RAP 3 - 100 | 3                      | 1"    | 51-56 | 11  | 26   | 49 | 24,5 | 25,5-28 | 42 | 46 | 3             | M10 x 60     | 4118      |

Per ordinare.....RAP..  
Ordering examples.....RAP..

Pour commander ..... RAP..  
Bestellbeispiel.....RAP..

Costruiti in alluminio, sono adatti per il montaggio su pompe e motori oleodinamici. Vengono forniti completi di viti ed o-ring e rondelle Schnorr.

These elbow joints are made of aluminium. They are supplied complete with screws, o-ring and Schnorr washers.

Ils sont fait en aluminium et ils sont apte pour être montés sur pompe et moteurs oleodynamiques. Ils sont vendu avec vis, OR et rondelles schnorr.

Hergestellt aus Aluminium. Sie sind für die Montage von Pumpen und Hydraulikmotoren geeignet. Ausgerüstet mit Schrauben, OR und Schnorr-Ringen.

# Flange **SAE**

SAE Flanges  
Brides SAE  
SAE flansche



■ Officine Meccaniche  
**cio** s.r.l.

ENTER

CATALOGO - FSAE 03/03 - 1  
Catalogue  
Catalogue  
Katalog

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Socket weld flange  
Bride à emmanchement  
Einlötfansch

### FLANGIA A SALDARE DI TESTA

Butt weld flange  
Bride bout à bout  
Anschweißflansch

### FLANGIA FILETTO CILINDRICO U.N. con sedi OR

UNF cylindrical thread flange with O-ring groove  
Bride taraudée UNF  
SAE-Gewindeflansch mit UNF-Gewinde

### FLANGIA FILETTO CILINDRICO METRICO con sede OR

Metric cylindrical thread flange with O-ring groove  
Bride taraudée métriques  
SAE-Gewindeflansch mit metrischem Gewinde

### CONTROFLANGIA FILETTATA GAS

Counter flanges with BSP thread  
Contre bride taraudée BSP  
Gegenflanschverbinder mit Gewinde

### CONTROFLANGIA A SALDARE DI TASCA

Counter flanges socket weld  
Contre bride à emmanchement  
Gegenflanschverbinder zum Einlöten

### CONTROFLANGIA A SALDARE DI TESTA

Counter flanges butt weld  
Contre bride bout à bout  
Gegenflanschverbinder zum Anschweißen

### DOPPIA FLANGIA FILETTATA GAS

Double flanges BSP threaded  
Double bride taraudée BSP  
Doppelflanschverbinder mit Gewinde

### DOPPIA FLANGIA A SALDARE DI TASCA

Double flanges socket weld  
Double bride à emmanchement  
Doppelflanschverbinder zum Einlöten

### DOPPIA FLANGIA A SALDARE DI TESTA

Double flanges butt weld  
Double bride bout à bout  
Doppelflanschverbinder zum Anschweißen

### FLANGIA CIECA

Closed flanges  
Bride d'obturation  
Verschlußflansch

### FLANGIA PIATTA A SALDARE

Socket welding flat flange  
Bride plat à emmanchement  
Einschweißflanschflache Bauform

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Threaded flat flange  
Bride plat taraudée  
Gewindeflanschflache Bauform

### FLANGIA DI CHIUSURA / PROTEZIONE

Locking / protection flange  
Bride de fermeture / protection  
Abschlußplatte

### FLANGIA DI CONNESSIONE

Connector flange  
Bride de liaison  
Zwischenplatte

### FLANGIA A 90° FILETTATA GAS

90° Flanges with BSP thread  
Bride à 90° taraudée BSP  
90° Flanschverbinder mit Gewinde

### FLANGIA A 90° FILETTATA NPT

NPT 90° Flanges  
Bride à 90° taraudée NPT  
90° Einschraubflansch NPT

### FLANGIA A 90° A SALDARE DI TASCA

90° Flanges socket weld  
Bride à 90° à emmanchement  
90° Flanschverbinder zum Einschweißen

### FLANGIA A 90° A SALDARE DI TESTA

90° Flanges butt welding  
Bride à 90° bout à bout  
90° - Winkel-Anschweißflansch

### FLANGIA DITTA CON ATTACCO JIC

Straight flanges to male JIC  
Bride taraudée JIC  
Gerader Flansch mit JIC-Außengewinde

### FLANGIA A 90° CON ATTACCO JIC

90° Flanges to male JIC  
Bride à 90° taraudée JIC  
90° Winkelflansch mit JIC-Außengewinde

### FLANGIA DITTA FILETTATA GAS ESTERNO

Straight flanges to BSP male  
Bride taraudée BSP mâle  
Gerader Flansch mit BSP-Außengewinde

### FLANGIA A 90° FILETTATA GAS ESTERNO

90° Flanges to BSP male  
Bride à 90° taraudée BSP mâle  
90° Winkelflansch mit BSP-Außengewinde

### FLANGIA FILETTATA METRICA DIN 2353

Flanges with metric thread according to DIN 2353  
Bride taraudée métrique DIN 2353  
Gerader Flansch mit Schneidring-Anschluß nach DIN 2353

### FLANGIA A 90° FILETTATA METRICA DIN 2353

90° Flanges with metric thread in according to DIN 2353  
Bride à 90° taraudée métrique DIN 2353  
90° Winkelflansch mit Schneidring-Anschluß nach DIN 2353

### FLANGIA DITTA TENUTA FRONTALE ORFS

Straight flanges O-Ring face seal  
Bride ORFS  
Gerader Flansch O-Ring flachdichtend

### FLANGIA A 90° TENUTA FRONTALE OR

90° Flange O-Ring face seal  
Bride à 90° ORFS  
90° - Flansch O-Ring flachdichtend

### ADATTATORE S.A.E.

S.A.E. Straight adapter flange  
Adaptateur S.A.E.  
S.A.E. Reduzier flansch gerade

### BLOCCO S.A.E. 90° L

S.A.E. - 90° L - Block  
Bloc S.A.E. à 90°  
S.A.E. 90° L - Block

### BLOCCO S.A.E. 90° L RIDOTTO

S.A.E. 90° L reduction  
Bloc S.A.E. à 90° réduit  
S.A.E. 90° L reduzierblock

### BLOCCO S.A.E. A T

S.A.E. T - Block  
Bloc S.A.E. à T  
S.A.E. T - Block

### BLOCCO S.A.E. A T PER FLANGE

S.A.E. T block counter flange  
Contre bloc S.A.E. à T  
S.A.E. T block gegenflanschausführung

### FLANGIE S.A.E. PER CONTROLLO DI PRESSIONE

Chek pressure S.A.E. flange  
Bride S.A.E. pour le contrôle de la pression  
S.A.E.-Zwischenflansch mit Messanschluss

### FLANGE E CONTROFLANGE S.A.E. con foro controllo pressione

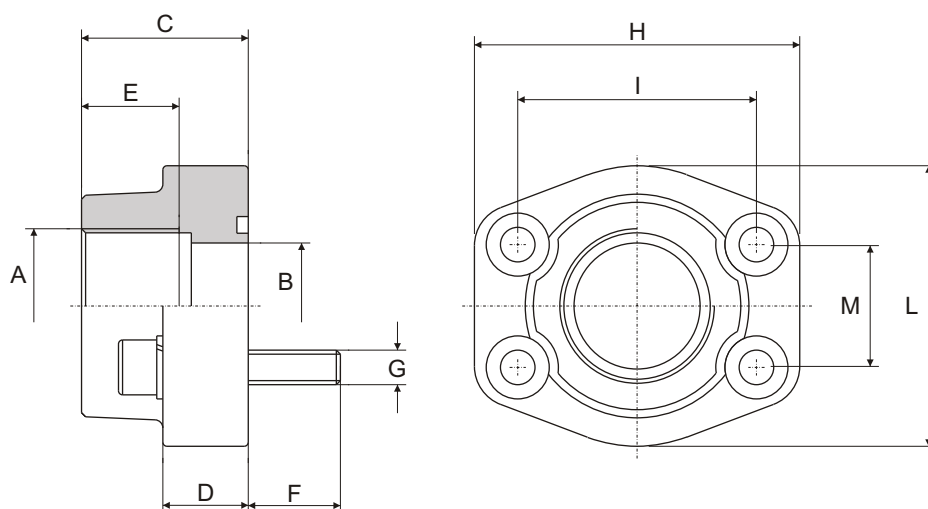
S.A.E. flanges and counterflanges  
with hole to chek pressure on  
Bride et contre bride S.A.E.  
avec trou de contrôle de pression  
S.A.E. flansch und Gegenflansch mit Messanschluss

### FLANGE OVALI

Oval flanges  
Bride Ovale  
Ovale flansche

## FLANGIA FILETTATA GAS

**BSP thread flange**  
**Brides SAE taraudées BSP**  
**Einschraubflansch**



### serie 3000 psi

| Pressione max<br>esercizio bar | Tipo<br>Type   | A<br>S.A.E. | B   | C  | D  | E  | F  | G Viti / Bolts |       | H   | I     | L   | M    | OR<br>O-RING |
|--------------------------------|----------------|-------------|-----|----|----|----|----|----------------|-------|-----|-------|-----|------|--------------|
|                                |                |             |     |    |    |    |    | Metr.          | UNC   |     |       |     |      |              |
| 348                            | C.F.S. 080-GAS | 3/8"        | 13  | 36 | 16 | 13 | 14 | M 8            | 5/16" | 57  | 38    | 47  | 17,5 | 4075         |
| 348                            | C.F.S. 080-GAS | 1/2"        | 13  | 36 | 16 | 15 | 14 | M 8            | 5/16" | 57  | 38    | 47  | 17,5 | 4075         |
| 348                            | C.F.S. 100-GAS | 3/4"        | 19  | 36 | 18 | 18 | 16 | M10            | 3/8"  | 66  | 47,6  | 49  | 22,2 | 4100         |
| 348                            | C.F.S. 102-GAS | 1"          | 25  | 38 | 18 | 20 | 16 | M10            | 3/8"  | 71  | 52,4  | 53  | 26,2 | 4131         |
| 278                            | C.F.S. 104-GAS | 1" 1/4      | 31  | 41 | 21 | 22 | 18 | M10            | 7/16" | 80  | 58,7  | 69  | 30,2 | 4150         |
| 210                            | C.F.S. 106-GAS | 1" 1/2      | 38  | 44 | 25 | 24 | 18 | M12            | 1/2"  | 94  | 69,85 | 77  | 35,7 | 4187         |
| 210                            | C.F.S. 108-GAS | 2"          | 50  | 45 | 25 | 26 | 18 | M12            | 1/2"  | 103 | 77,8  | 89  | 42,9 | 4225         |
| 175                            | C.F.S. 110-GAS | 2" 1/2      | 63  | 50 | 25 | 30 | 18 | M12            | 1/2"  | 115 | 89    | 101 | 50,8 | 4275         |
| 138                            | C.F.S. 112-GAS | 3"          | 73  | 50 | 27 | 30 | 25 | M16            | 5/8"  | 135 | 106,4 | 124 | 62   | 4337         |
| 35                             | C.F.S. 114-GAS | 3" 1/2      | 89  | 50 | 27 | 30 | 25 | M16            | 5/8"  | 152 | 120,7 | 136 | 70   | 4387         |
| 35                             | C.F.S. 116-GAS | 4"          | 99  | 50 | 27 | 30 | 25 | M16            | 5/8"  | 162 | 130   | 146 | 77,8 | 4437         |
| 35                             | C.F.S. 118-GAS | 5"          | 120 | 50 | 28 | 30 | 25 | M16            | 5/8"  | 184 | 152,4 | 180 | 92   | 4537         |

### serie 6000 psi

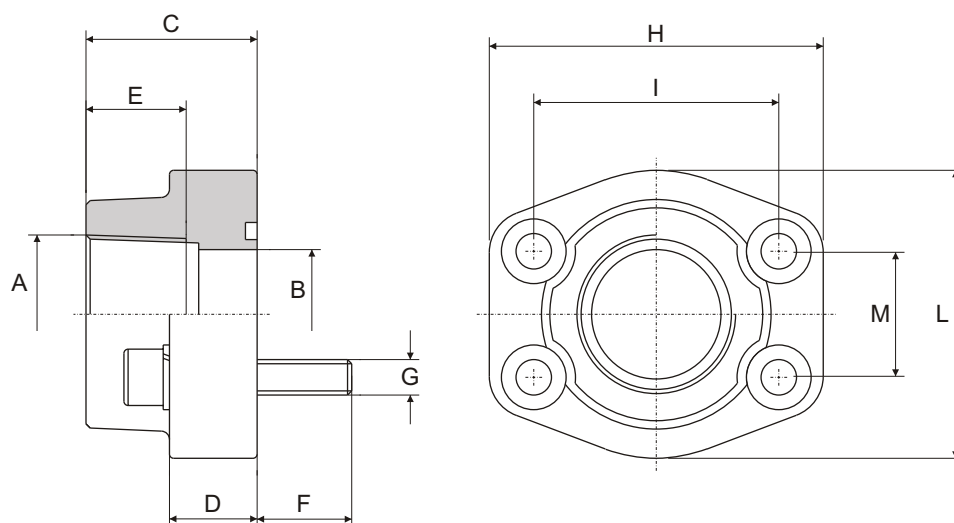
| Pressione max<br>esercizio bar | Tipo<br>Type   | A<br>S.A.E. | B  | C  | D  | E  | F  | G Viti / Bolts |       | H   | I     | L   | M    | OR<br>O-RING |
|--------------------------------|----------------|-------------|----|----|----|----|----|----------------|-------|-----|-------|-----|------|--------------|
|                                |                |             |    |    |    |    |    | Metr.          | UNC   |     |       |     |      |              |
| 420                            | C.F.S. 401-GAS | 3/8"        | 13 | 36 | 16 | 13 | 14 | M 8            | 5/16" | 57  | 40,5  | 47  | 18,3 | 4075         |
| 420                            | C.F.S. 401-GAS | 1/2"        | 13 | 36 | 16 | 15 | 14 | M 8            | 5/16" | 57  | 40,5  | 47  | 18,3 | 4075         |
| 420                            | C.F.S. 402-GAS | 3/4"        | 19 | 36 | 19 | 18 | 16 | M10            | 3/8"  | 71  | 50,8  | 53  | 23,8 | 4100         |
| 420                            | C.F.S. 403-GAS | 1"          | 25 | 44 | 24 | 20 | 19 | M12            | 7/16" | 80  | 57,1  | 69  | 27,8 | 4131         |
| 420                            | C.F.S. 404-GAS | 1" 1/4      | 31 | 44 | 27 | 22 | 22 | M14            | 1/2"  | 94  | 66,7  | 77  | 31,6 | 4150         |
| 420                            | C.F.S. 405-GAS | 1" 1/2      | 38 | 51 | 30 | 24 | 24 | M16            | 5/8"  | 106 | 79,4  | 89  | 36,5 | 4187         |
| 420                            | C.F.S. 406-GAS | 2"          | 50 | 70 | 37 | 33 | 32 | M20            | 3/4"  | 135 | 96,8  | 116 | 44,4 | 4225         |
| 420                            | C.F.S. 408-GAS | 2" 1/2      | 63 | 75 | 45 | 35 | 40 | M24            | -     | 166 | 123,8 | 150 | 58,7 | 4275         |
| 420                            | C.F.S. 410-GAS | 3"          | 73 | 90 | 55 | 40 | 55 | M30            | -     | 208 | 152,4 | 178 | 71,4 | 4337         |

Per ordinazione flange: / Ordering Examples: / Pour commander brides: / Bestellbeispiel für Flansche:

Solo flangia.....CFS...G Flangia completa di viti UNC, rondelle e OR.....CFS...G-U Flangia completa di viti metriche, rondelle e OR.....CFS...G-M  
 Only flange.....CFS...G Complete flange with UNC screws, washers and o-ring.....CFS...G-U Complete flange with metric screws, washers and o-ring.....CFS...G-M  
 Seulement bride.....CFS...G Bride complete des vis UNC, rondelles et OR.....CFS...G-U Bride complete des vis métriques, rondelles et OR.....CFS...G-M  
 Nur Flansch.....CFS...G Flansch einschl. UNC-Schrauben, Federringen und O-Ring.....CFS...G-U Flansch einschl. metrischen Zylinderschrauben, Federringen und O-Ring.....CFS...G-M

# FLANGIA FILETTATA NPT

**NPT thread flange**  
**Brides SAE taraudées NPT**  
**Einschraubflansch NPT**



## serie 3000 psi

| Pressione max esercizio bar | Tipo Type      | A S.A.E. | B   | C  | D  | E  | F  | G Viti / Bolts |       | H   | I     | L   | M    | OR O-RING |
|-----------------------------|----------------|----------|-----|----|----|----|----|----------------|-------|-----|-------|-----|------|-----------|
|                             |                |          |     |    |    |    |    | Metr.          | UNC   |     |       |     |      |           |
| 348                         | C.F.S. 080-NPT | 3/8"     | 13  | 36 | 16 | 19 | 14 | M 8            | 5/16" | 57  | 38    | 47  | 17,5 | 4075      |
| 348                         | C.F.S. 080-NPT | 1/2"     | 13  | 36 | 16 | 19 | 14 | M 8            | 5/16" | 57  | 38    | 47  | 17,5 | 4075      |
| 348                         | C.F.S. 100-NPT | 3/4"     | 19  | 36 | 18 | 19 | 16 | M10            | 3/8"  | 66  | 47,6  | 49  | 22,2 | 4100      |
| 348                         | C.F.S. 102-NPT | 1"       | 25  | 38 | 18 | 19 | 16 | M10            | 3/8"  | 71  | 52,4  | 53  | 26,2 | 4131      |
| 278                         | C.F.S. 104-NPT | 1" 1/4   | 31  | 41 | 21 | 22 | 18 | M10            | 7/16" | 80  | 58,7  | 69  | 30,2 | 4150      |
| 210                         | C.F.S. 106-NPT | 1" 1/2   | 38  | 44 | 25 | 24 | 18 | M12            | 1/2"  | 94  | 69,85 | 77  | 35,7 | 4187      |
| 210                         | C.F.S. 108-NPT | 2"       | 50  | 45 | 25 | 26 | 18 | M12            | 1/2"  | 103 | 77,8  | 89  | 42,9 | 4225      |
| 175                         | C.F.S. 110-NPT | 2" 1/2   | 63  | 50 | 25 | 30 | 18 | M12            | 1/2"  | 115 | 89    | 101 | 50,8 | 4275      |
| 138                         | C.F.S. 112-NPT | 3"       | 73  | 50 | 27 | 34 | 25 | M16            | 5/8"  | 135 | 106,4 | 124 | 62   | 4337      |
| 35                          | C.F.S. 114-NPT | 3" 1/2   | 89  | 50 | 27 | 36 | 25 | M16            | 5/8"  | 152 | 120,7 | 136 | 70   | 4387      |
| 35                          | C.F.S. 116-NPT | 4"       | 99  | 50 | 27 | 36 | 25 | M16            | 5/8"  | 162 | 130   | 146 | 77,8 | 4437      |
| 35                          | C.F.S. 118-NPT | 5"       | 120 | 50 | 28 | 36 | 25 | M16            | 5/8"  | 184 | 152,4 | 180 | 92   | 4537      |

## serie 6000 psi

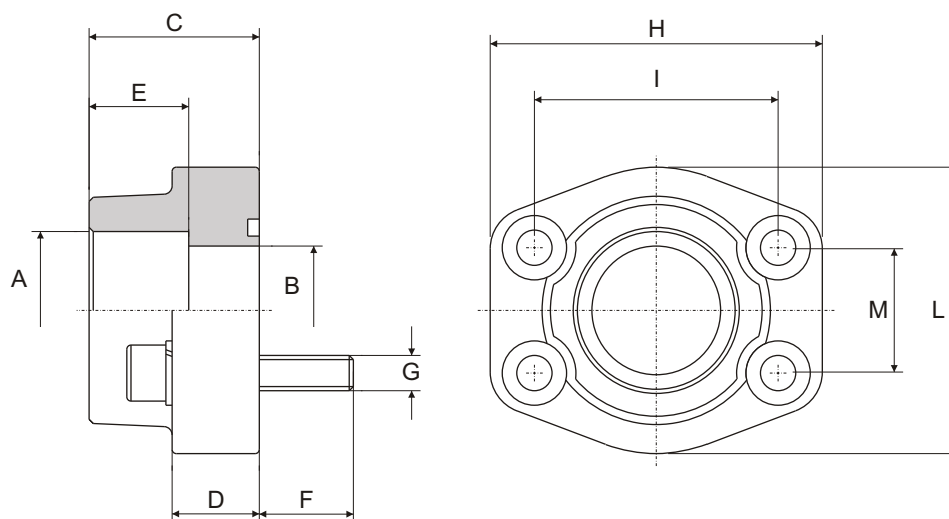
| Pressione max esercizio bar | Tipo Type      | A S.A.E. | B  | C  | D  | E  | F  | G Viti / Bolts |       | H   | I     | L   | M    | OR O-RING |
|-----------------------------|----------------|----------|----|----|----|----|----|----------------|-------|-----|-------|-----|------|-----------|
|                             |                |          |    |    |    |    |    | Metr.          | UNC   |     |       |     |      |           |
| 420                         | C.F.S. 401-NPT | 3/8"     | 13 | 36 | 16 | 19 | 14 | M 8            | 5/16" | 57  | 40,5  | 47  | 18,3 | 4075      |
| 420                         | C.F.S. 401-NPT | 1/2"     | 13 | 36 | 16 | 19 | 14 | M 8            | 5/16" | 57  | 40,5  | 47  | 18,3 | 4075      |
| 420                         | C.F.S. 402-NPT | 3/4"     | 19 | 36 | 19 | 22 | 16 | M10            | 3/8"  | 71  | 50,8  | 53  | 23,8 | 4100      |
| 420                         | C.F.S. 403-NPT | 1"       | 25 | 44 | 24 | 24 | 19 | M12            | 7/16" | 80  | 57,1  | 69  | 27,8 | 4131      |
| 420                         | C.F.S. 404-NPT | 1" 1/4   | 31 | 44 | 27 | 25 | 22 | M14            | 1/2"  | 94  | 66,7  | 77  | 31,6 | 4150      |
| 420                         | C.F.S. 405-NPT | 1" 1/2   | 38 | 51 | 30 | 28 | 24 | M16            | 5/8"  | 106 | 79,4  | 89  | 36,5 | 4187      |
| 420                         | C.F.S. 406-NPT | 2"       | 50 | 70 | 37 | 33 | 32 | M20            | 3/4"  | 135 | 96,8  | 116 | 44,4 | 4225      |
| 420                         | C.F.S. 408-NPT | 2" 1/2   | 63 | 75 | 45 | 35 | 40 | M24            | -     | 166 | 123,8 | 150 | 58,7 | 4275      |
| 420                         | C.F.S. 410-NPT | 3"       | 73 | 90 | 55 | 40 | 55 | M30            | -     | 208 | 152,4 | 178 | 71,4 | 4337      |

Per ordinazione flange: / Ordering Examples: / Pour commander brides: / Bestellbeispiel für Flansche:

|                            |                                                                      |                                                                                     |
|----------------------------|----------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Solo flangia..... CFS...N  | Flangia completa di viti UNC, rondelle e OR.....CFS...N-U            | Flangia completa di viti metriche, rondelle e OR.....CFS...N-M                      |
| Only flange..... CFS...N   | Complete flange with UNC screws, washers and o-ring.....CFS...N-U    | Complete flange with metric screws, washers and o-ring.....CFS...N-M                |
| Seulement bride... CFS...N | Bride complete des vis UNC, rondelles et OR.....CFS...N-U            | Bride complete des vis métriques, rondelles et OR.....CFS...N-M                     |
| Nur Flansch..... CFS...N   | Flansch einschl. UNC-Schrauben, Federringen und O-Ring.....CFS...N-U | Flansch einschl. metrischen Zylinderschrauben, Federringen und O-Ring.....CFS...N-M |

# FLANGIA A SALDARE DI TASCA

**Socket weld flange**  
**Bride à emmanchement**  
**Einlötflansch**



## serie 3000 psi

| Pressione max<br>esercizio bar | Tipo<br>Type | A     | S.A.E. | B   | C  | D  | E  | F  | G Viti / Bolts |       | H   | I     | L   | M    | OR<br>O-RING |
|--------------------------------|--------------|-------|--------|-----|----|----|----|----|----------------|-------|-----|-------|-----|------|--------------|
|                                |              |       |        |     |    |    |    |    | Metr.          | UNC   |     |       |     |      |              |
| 348                            | C.F.S. 080-S | 17,5  | 3/8"   | 13  | 36 | 16 | 18 | 14 | M 8            | 5/16" | 57  | 38    | 47  | 17,5 | 4075         |
| 348                            | C.F.S. 080-S | 21,6  | 1/2"   | 13  | 36 | 16 | 18 | 14 | M 8            | 5/16" | 57  | 38    | 47  | 17,5 | 4075         |
| 348                            | C.F.S. 100-S | 27,2  | 3/4"   | 19  | 36 | 18 | 18 | 16 | M10            | 3/8"  | 66  | 47,6  | 49  | 22,2 | 4100         |
| 348                            | C.F.S. 102-S | 34,1  | 1"     | 25  | 38 | 18 | 18 | 16 | M10            | 3/8"  | 70  | 52,4  | 53  | 26,2 | 4131         |
| 278                            | C.F.S. 104-S | 42,8  | 1" 1/4 | 31  | 41 | 21 | 20 | 18 | M10            | 7/16" | 80  | 58,7  | 69  | 30,2 | 4150         |
| 210                            | C.F.S. 106-S | 48,6  | 1" 1/2 | 38  | 44 | 25 | 22 | 18 | M12            | 1/2"  | 94  | 69,85 | 77  | 35,7 | 4187         |
| 210                            | C.F.S. 108-S | 61    | 2"     | 50  | 45 | 25 | 24 | 18 | M12            | 1/2"  | 103 | 77,8  | 89  | 42,9 | 4225         |
| 175                            | C.F.S. 110-S | 76,6  | 2" 1/2 | 63  | 50 | 25 | 28 | 18 | M12            | 1/2"  | 115 | 89    | 101 | 50,8 | 4275         |
| 138                            | C.F.S. 112-S | 90,5  | 3"     | 73  | 50 | 27 | 28 | 25 | M16            | 5/8"  | 135 | 106,4 | 124 | 62   | 4337         |
| 35                             | C.F.S. 114-S | 103   | 3" 1/2 | 89  | 50 | 27 | 28 | 25 | M16            | 5/8"  | 153 | 120,7 | 137 | 70   | 4387         |
| 35                             | C.F.S. 116-S | 115,5 | 4"     | 99  | 50 | 27 | 28 | 25 | M16            | 5/8"  | 163 | 130   | 147 | 77,8 | 4437         |
| 35                             | C.F.S. 118-S | 142   | 5"     | 120 | 50 | 28 | 28 | 25 | M16            | 5/8"  | 184 | 152,4 | 180 | 92   | 4537         |

## serie 6000 psi

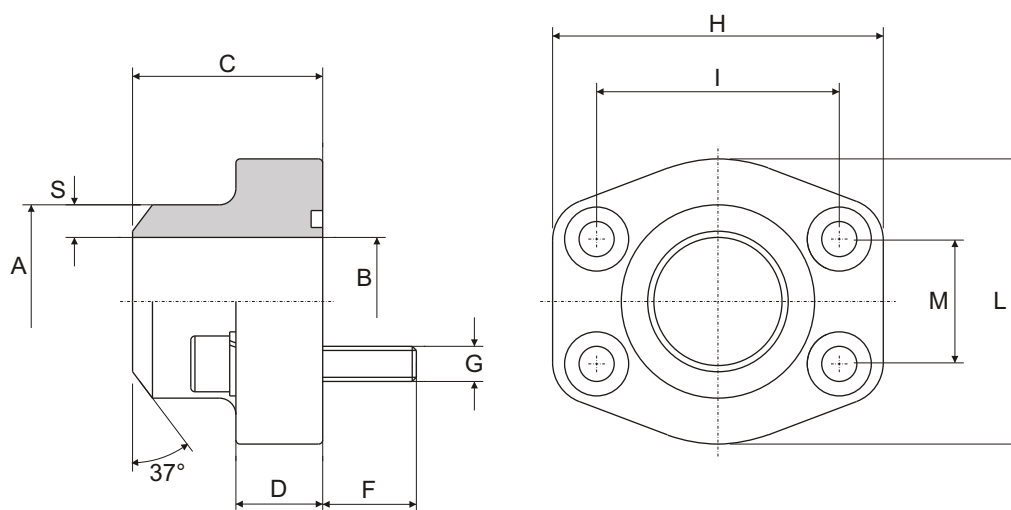
| Pressione max<br>esercizio bar | Tipo<br>Type | A    | S.A.E. | B  | C  | D  | E  | F  | G Viti / Bolts |       | H   | I     | L   | M    | OR<br>O-RING |
|--------------------------------|--------------|------|--------|----|----|----|----|----|----------------|-------|-----|-------|-----|------|--------------|
|                                |              |      |        |    |    |    |    |    | Metr.          | UNC   |     |       |     |      |              |
| 420                            | C.F.S. 401-S | 17,5 | 3/8"   | 13 | 36 | 16 | 18 | 14 | M 8            | 5/16" | 57  | 40,5  | 47  | 18,3 | 4075         |
| 420                            | C.F.S. 401-S | 21,6 | 1/2"   | 13 | 36 | 16 | 18 | 14 | M 8            | 5/16" | 57  | 40,5  | 47  | 18,3 | 4075         |
| 420                            | C.F.S. 402-S | 27,2 | 3/4"   | 19 | 36 | 19 | 20 | 16 | M10            | 3/8"  | 71  | 50,8  | 53  | 23,8 | 4100         |
| 420                            | C.F.S. 403-S | 34,1 | 1"     | 25 | 44 | 24 | 22 | 19 | M12            | 7/16" | 80  | 57,1  | 66  | 27,8 | 4131         |
| 420                            | C.F.S. 404-S | 42,8 | 1" 1/4 | 31 | 44 | 27 | 22 | 22 | M14            | 1/2"  | 94  | 66,7  | 77  | 31,6 | 4150         |
| 420                            | C.F.S. 405-S | 48,6 | 1" 1/2 | 38 | 51 | 30 | 24 | 24 | M16            | 5/8"  | 106 | 79,4  | 89  | 36,5 | 4187         |
| 420                            | C.F.S. 406-S | 61   | 2"     | 50 | 70 | 37 | 25 | 32 | M20            | 3/4"  | 135 | 96,8  | 116 | 44,4 | 4225         |
| 420                            | C.F.S. 408-S | 76,6 | 2" 1/2 | 63 | 75 | 45 | 28 | 40 | M24            | -     | 166 | 123,8 | 150 | 58,7 | 4275         |
| 420                            | C.F.S. 410-S | 90,5 | 3"     | 73 | 90 | 55 | 30 | 55 | M30            | -     | 208 | 152,4 | 178 | 71,4 | 4337         |

Per ordinazione flange: / Ordering Examples: / Pour commander brides: / Bestellbeispiel für Flansche:

Solo flangia..... CFS...S Flangia completa di viti UNC, rondelle e OR..... CFS...S-U Flangia completa di viti metriche, rondelle e OR..... CFS...S-M  
 Only flange..... CFS...S Complete flange with UNC screws, washers and o-ring..... CFS...S-U Complete flange with metrical screws, washers and o-ring..... CFS...S-M  
 Seulement bride... CFS...S Bride complete des vis UNC, rondelles et OR..... CFS...S-U Bride complete des vis métriques, rondelles et OR..... CFS...S-M  
 Nur Flansch..... CFS...S Flansch einschl. UNC-Schrauben, Federringen und O-Ring..... CFS...S-U Flansch einschl. metrischen Zylinderschrauben, Federringen und O-Ring..... CFS...S-M

## FLANGIA A SALDARE DI TESTA

**Butt weld flange**  
**Bride bout à bout**  
**Anschweißflansch**



### serie 3000 psi

| Pressione max<br>esercizio bar | Tipo<br>Type  | A    | S.A.E. | B   | C  | D  | S    | F  | G Viti / Bolts |       | H   | I     | L   | M    | OR<br>O-RING |
|--------------------------------|---------------|------|--------|-----|----|----|------|----|----------------|-------|-----|-------|-----|------|--------------|
|                                |               |      |        |     |    |    |      |    | Metr.          | UNC   |     |       |     |      |              |
| 348                            | C.F.S. 080-ST | 21,6 | 1/2"   | 13  | 36 | 16 | 4,3  | 14 | M 8            | 5/16" | 57  | 38    | 47  | 17,5 | 4075         |
| 348                            | C.F.S. 100-ST | 27,2 | 3/4"   | 19  | 36 | 18 | 4,1  | 16 | M10            | 3/8"  | 66  | 47,6  | 49  | 22,2 | 4100         |
| 348                            | C.F.S. 102-ST | 34,5 | 1"     | 25  | 38 | 18 | 4,7  | 16 | M10            | 3/8"  | 71  | 52,4  | 53  | 26,2 | 4131         |
| 278                            | C.F.S. 104-ST | 42,8 | 1" 1/4 | 31  | 41 | 21 | 6    | 18 | M10            | 7/16" | 80  | 58,7  | 69  | 30,2 | 4150         |
| 210                            | C.F.S. 106-ST | 48,6 | 1" 1/2 | 38  | 44 | 25 | 5,3  | 18 | M12            | 1/2"  | 94  | 69,85 | 77  | 35,7 | 4187         |
| 210                            | C.F.S. 108-ST | 61   | 2"     | 50  | 45 | 25 | 5,5  | 18 | M12            | 1/2"  | 103 | 77,8  | 89  | 42,9 | 4225         |
| 175                            | C.F.S. 110-ST | 76,6 | 2" 1/2 | 63  | 50 | 25 | 6,8  | 18 | M12            | 1/2"  | 115 | 89    | 101 | 50,8 | 4275         |
| 138                            | C.F.S. 112-ST | 89   | 3"     | 73  | 50 | 27 | 8    | 25 | M16            | 5/8"  | 135 | 106,4 | 124 | 62   | 4337         |
| 35                             | C.F.S. 114-ST | 103  | 3" 1/2 | 89  | 50 | 27 | 7    | 25 | M16            | 5/8"  | 153 | 120,7 | 137 | 70   | 4387         |
| 35                             | C.F.S. 116-ST | 115  | 4"     | 99  | 50 | 27 | 8    | 25 | M16            | 5/8"  | 163 | 130   | 147 | 77,8 | 4437         |
| 35                             | C.F.S. 118-ST | 141  | 5"     | 120 | 50 | 28 | 10,5 | 25 | M16            | 5/8"  | 184 | 152,4 | 180 | 92   | 4537         |

### serie 6000 psi

| Pressione max<br>esercizio bar | Tipo<br>Type  | A    | S.A.E. | B  | C  | D  | S   | F  | G Viti / Bolts |       | H   | I     | L   | M    | OR<br>O-RING |
|--------------------------------|---------------|------|--------|----|----|----|-----|----|----------------|-------|-----|-------|-----|------|--------------|
|                                |               |      |        |    |    |    |     |    | Metr.          | UNC   |     |       |     |      |              |
| 420                            | C.F.S. 401-ST | 17,5 | 3/8"   | 10 | 36 | 18 | 3,7 | 14 | M 8            | 5/16" | 57  | 40,5  | 47  | 18,3 | 4075         |
| 420                            | C.F.S. 401-ST | 21,6 | 1/2"   | 13 | 36 | 18 | 4,3 | 14 | M 8            | 5/16" | 57  | 40,5  | 47  | 18,3 | 4075         |
| 420                            | C.F.S. 402-ST | 27,2 | 3/4"   | 18 | 36 | 18 | 4,6 | 16 | M10            | 3/8"  | 71  | 50,8  | 53  | 23,8 | 4100         |
| 420                            | C.F.S. 403-ST | 34,5 | 1"     | 22 | 44 | 24 | 6,3 | 19 | M12            | 7/16" | 80  | 57,1  | 66  | 27,8 | 4131         |
| 420                            | C.F.S. 404-ST | 42,8 | 1" 1/4 | 28 | 44 | 25 | 7,4 | 22 | M14            | 1/2"  | 94  | 66,7  | 77  | 31,6 | 4150         |
| 420                            | C.F.S. 405-ST | 48,6 | 1" 1/2 | 32 | 51 | 29 | 8,3 | 24 | M16            | 5/8"  | 106 | 79,4  | 89  | 36,5 | 4187         |
| 420                            | C.F.S. 406-ST | 61   | 2"     | 41 | 70 | 35 | 10  | 32 | M20            | 3/4"  | 135 | 96,8  | 116 | 44,4 | 4225         |
| 420                            | C.F.S. 408-ST | 76,6 | 2" 1/2 | 50 | 75 | 45 | 13  | 40 | M24            | -     | 166 | 123,8 | 150 | 58,7 | 4275         |
| 420                            | C.F.S. 410-ST | 90   | 3"     | 58 | 90 | 55 | 16  | 55 | M30            | -     | 208 | 152,4 | 178 | 71,4 | 4337         |

Per ordinazione flange: / Ordering Examples: / Pour commander brides: / Bestellbeispiel für Flansche:

|                             |                                                              |            |                                                                             |            |
|-----------------------------|--------------------------------------------------------------|------------|-----------------------------------------------------------------------------|------------|
| Solo flangia..... CFS...ST  | Flangia completa di viti UNC, rondelle e OR .....            | CFS...ST-U | Flangia completa di viti metriche, rondelle e OR .....                      | CFS...ST-M |
| Only flange..... CFS...ST   | Complete flange with UNC screws, washers and o-ring .....    | CFS...ST-U | Complete flange with metrical screws, washers and o-ring .....              | CFS...ST-M |
| Seulement bride... CFS...ST | Bride complete des vis UNC, rondelles et OR .....            | CFS...ST-U | Bride complete des vis métriques, rondelles et OR .....                     | CFS...ST-M |
| Nur Flansch..... CFS...ST   | Flansch einschl. UNC-Schrauben, Federringen und O-Ring ..... | CFS...ST-U | Flansch einschl. metrischen Zylinderschrauben, Federringen und O-Ring ..... | CFS...ST-M |

# FLANGIA FILETTO CILINDRICO U.N.

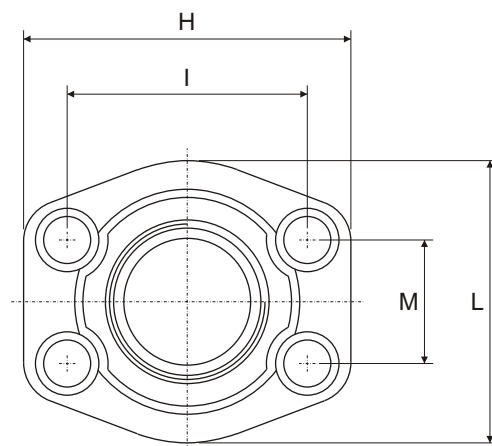
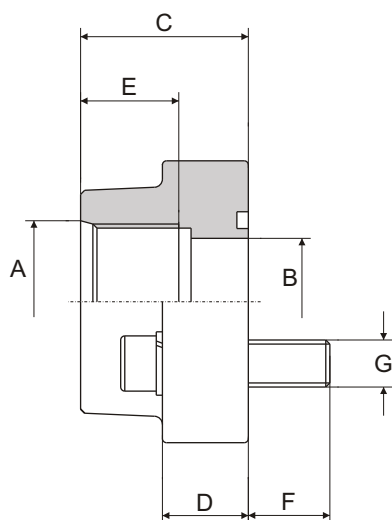
con sedi OR

UNF cylindrical thread

flange with O-ring groove

Bride taraudée UNF

SAE-Gewindeflansch mit UNF-Gewinde



A richiesta si possono fornire le controflange con fori filettati senza sede OR  
On request can be supplied counter-flanges with tapholes, without O-ring groove  
Sur demande on peut fournir les controbriques avec les trous taraudés sans siège OR  
Auf Wunsch auch als Gegenflansch ohne O-Ring Nut mit Befestigungsböhrungen lieferbar

## serie 3000 psi

| Pressione max<br>esercizio bar | Tipo<br>Type             | A<br>S.A.E.              | B  | C  | D  | E        | F  | G Viti / Bolts |       | H  | I     | L  | M    | OR<br>O-RING |
|--------------------------------|--------------------------|--------------------------|----|----|----|----------|----|----------------|-------|----|-------|----|------|--------------|
|                                |                          |                          |    |    |    |          |    | Metr.          | UNC   |    |       |    |      |              |
| 348                            | U.N. 080-A               | 3/4"-16                  | 13 | 36 | 16 | 17       | 14 | M 8            | 5/16" | 57 | 38    | 47 | 17,5 | 4075         |
| 348                            | U.N. 100-A<br>U.N. 100-B | 7/8"-14<br>1" 1/16-12    | 19 | 36 | 18 | 17<br>23 | 16 | M10            | 3/8"  | 66 | 47,6  | 49 | 22,2 | 4100         |
| 348                            | U.N. 102-A<br>U.N. 102-B | 1" 1/16-12<br>1" 5/16-12 | 25 | 38 | 18 | 23<br>23 | 16 | M10            | 3/8"  | 71 | 52,4  | 53 | 26,2 | 4131         |
| 278                            | U.N. 104-A<br>U.N. 104-B | 1" 5/16-12<br>1" 5/8-12  | 31 | 41 | 21 | 23<br>23 | 18 | M10            | 7/16" | 80 | 58,7  | 69 | 30,2 | 4150         |
| 210                            | U.N. 106-A<br>U.N. 106-B | 1" 5/8-12<br>1" 7/8-12   | 38 | 44 | 25 | 23<br>23 | 18 | M12            | 1/2"  | 94 | 69,85 | 77 | 35,7 | 4187         |

## serie 6000 psi

| Pressione max<br>esercizio bar | Tipo<br>Type             | A<br>S.A.E.              | B  | C  | D  | E        | F  | G Viti / Bolts |       | H   | I    | L  | M    | OR<br>O-RING |
|--------------------------------|--------------------------|--------------------------|----|----|----|----------|----|----------------|-------|-----|------|----|------|--------------|
|                                |                          |                          |    |    |    |          |    | Metr.          | UNC   |     |      |    |      |              |
| 420                            | U.N. 401-A               | 3/4"-16                  | 13 | 36 | 16 | 17       | 14 | M 8            | 5/16" | 57  | 40,5 | 47 | 18,3 | 4075         |
| 420                            | U.N. 402-A<br>U.N. 402-B | 7/8"-14<br>1" 1/16-12    | 19 | 36 | 19 | 17<br>23 | 16 | M10            | 3/8"  | 71  | 50,8 | 53 | 23,8 | 4100         |
| 420                            | U.N. 403-A<br>U.N. 403-B | 1" 1/16-12<br>1" 5/16-12 | 25 | 44 | 24 | 23<br>23 | 19 | M12            | 7/16" | 80  | 57,1 | 69 | 27,8 | 4131         |
| 420                            | U.N. 404-A<br>U.N. 404-B | 1" 5/16-12<br>1" 5/8-12  | 31 | 44 | 27 | 23<br>23 | 22 | M14            | 1/2"  | 94  | 66,7 | 77 | 31,6 | 4150         |
| 420                            | U.N. 405-A<br>U.N. 405-B | 1" 5/8-12<br>1" 7/8-12   | 38 | 51 | 30 | 23<br>23 | 24 | M16            | 5/8"  | 106 | 79,4 | 89 | 36,5 | 4187         |

Per ordinazione flange: / Ordering Examples: / Pour commander brides: / Bestellbeispiel für Flansche:

Solo flangia..... UNF..AB Flangia completa di viti UNC, rondelle e OR..... UNF..AB-U Flangia completa di viti metriche, rondelle e OR..... UNF..AB-M  
Only flange..... UNF..AB Complete flange with UNC screws, washers and o-ring..... UNF..AB-U Complete flange with metric screws, washers and o-ring..... UNF..AB-M  
Seulement bride.. UNF..AB Bride complete des vis UNC, rondelles et OR..... UNF..AB-U Bride complete des vis métriques, rondelles et OR..... UNF..AB-M  
Nur Flansch..... UNF..AB Flansch einschl. UNC-Schrauben, Federringen und O-Ring... UNF..AB-U Flansch einschl. metrischen Zylinderschrauben, Federringen und O-Ring... UNF..AB-M

# FLANGIA FILETTO CILINDRICO METRICO

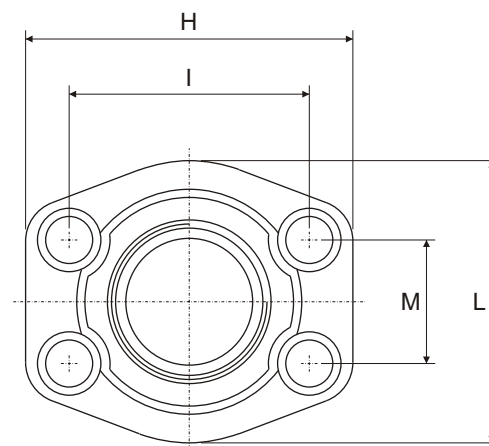
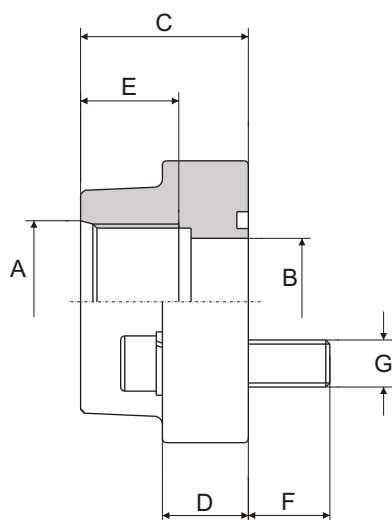
con sede OR

— Metric cylindrical thread

flange with O-ring groove

Bride taraudée métriques

SAE-Gewindeflansch mit metrischem Gewinde



A richiesta si possono fornire le controflange con fori filettati senza sede OR  
On request can be supplied counter-flanges with tapholes, without O-ring groove  
Sur demande on peut fournir les controbriques avec les trous taraudés sans siège OR  
Auf Wunsch auch als Gegenflansch ohne O-ring Nut mit Befestigungsböhrungen lieferbar

## serie 3000 psi

| Pressione max<br>esercizio bar | Tipo<br>Type             | S.A.E. | A                | B  | C  | D  | E        | F  | G Viti / Bolts |       | H  | I     | L  | M    | OR<br>O-RING |
|--------------------------------|--------------------------|--------|------------------|----|----|----|----------|----|----------------|-------|----|-------|----|------|--------------|
|                                |                          |        |                  |    |    |    |          |    | Metr.          | UNC   |    |       |    |      |              |
| 348                            | MET. 080-A<br>MET. 080-B | 1/2"   | 18x1,5<br>20x1,5 | 13 | 36 | 16 | 15       | 14 | M 8            | 5/16" | 57 | 38    | 47 | 17,5 | 4075         |
| 348                            | MET. 100-A<br>MET. 100-B | 3/4"   | 22x1,5<br>27x2   | 19 | 36 | 18 | 16<br>19 | 16 | M10            | 3/8"  | 66 | 47,6  | 49 | 22,2 | 4100         |
| 348                            | MET. 102-A<br>MET. 102-B | 1"     | 27x2<br>33x2     | 25 | 38 | 18 | 19<br>19 | 16 | M10            | 3/8"  | 71 | 52,4  | 53 | 26,2 | 4131         |
| 278                            | MET. 104-A<br>MET. 104-B | 1" 1/4 | 33x2<br>42x2     | 31 | 41 | 21 | 19<br>20 | 18 | M10            | 7/16" | 80 | 58,7  | 69 | 30,2 | 4150         |
| 210                            | MET. 106-A<br>MET. 106-B | 1" 1/2 | 42x2<br>48x2     | 38 | 44 | 25 | 20<br>22 | 18 | M12            | 1/2"  | 94 | 69,85 | 77 | 35,7 | 4187         |

## serie 6000 psi

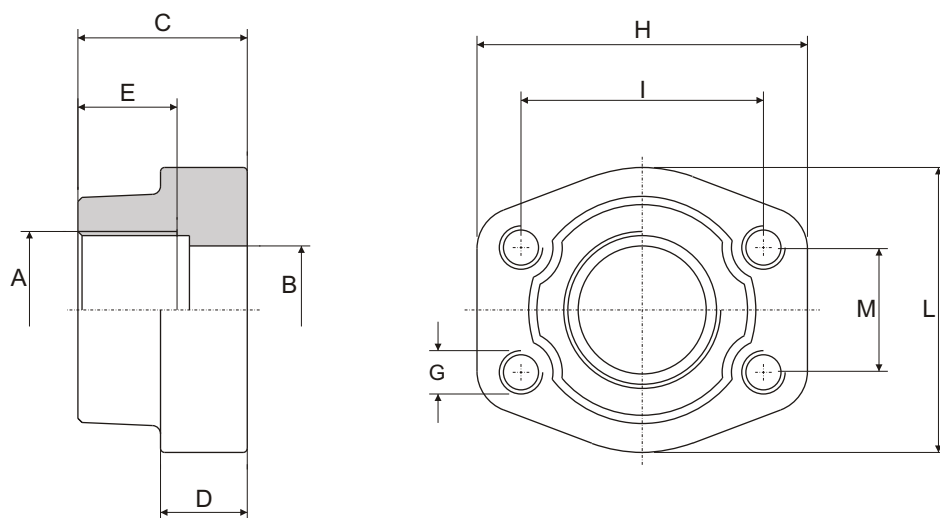
| Pressione max<br>esercizio bar | Tipo<br>Type             | S.A.E. | A                | B  | C  | D  | E        | F  | G Viti / Bolts |       | H   | I    | L  | M    | OR<br>O-RING |
|--------------------------------|--------------------------|--------|------------------|----|----|----|----------|----|----------------|-------|-----|------|----|------|--------------|
|                                |                          |        |                  |    |    |    |          |    | Metr.          | UNC   |     |      |    |      |              |
| 420                            | MET. 401-A<br>MET. 401-B | 1/2"   | 18x1,5<br>20x1,5 | 13 | 36 | 16 | 15       | 14 | M 8            | 5/16" | 57  | 40,5 | 47 | 18,3 | 4075         |
| 420                            | MET. 402-A<br>MET. 402-B | 3/4"   | 22x1,5<br>27x2   | 19 | 36 | 19 | 16<br>19 | 16 | M10            | 3/8"  | 71  | 50,8 | 53 | 23,8 | 4100         |
| 420                            | MET. 403-A<br>MET. 403-B | 1"     | 27x2<br>33x2     | 25 | 44 | 24 | 19<br>19 | 19 | M12            | 7/16" | 80  | 57,1 | 69 | 27,8 | 4131         |
| 420                            | MET. 404-A<br>MET. 404-B | 1" 1/4 | 33x2<br>42x2     | 31 | 44 | 27 | 19<br>20 | 22 | M14            | 1/2"  | 94  | 66,7 | 77 | 31,6 | 4150         |
| 420                            | MET. 405-A<br>MET. 405-B | 1" 1/2 | 42x2<br>48x2     | 38 | 51 | 30 | 20<br>22 | 24 | M16            | 5/8"  | 106 | 79,4 | 89 | 36,5 | 4187         |

Per ordinazione flange: / Ordering Examples: / Pour commander brides: / Bestellbeispiel für Flansche:

Solo flangia..... MET...AB Flangia completa di viti UNC, rondelle e OR..... MET...AB-U Flangia completa di viti metriche, rondelle e OR..... MET...AB-M  
Only flange..... MET...AB Complete flange with UNC screws, washers and o-ring..... MET...AB-U Complete flange with metrical screws, washers and o-ring..... MET...AB-M  
Seulement bride... MET...AB Bride complete des vis UNC, rondelles et OR..... MET...AB-U Bride complete des vis métriques, rondelles et OR..... MET...AB-M  
Nur Flansch..... MET...AB Flansch einschl. UNC-Schrauben, Federringen und O-Ring... MET...AB-U Flansch einschl. metrischen Zylinderschrauben, Federringen und O-Ring... MET...AB-M

# CONTROFLANGIA FILETTATA GAS

**Counter flanges with BSP thread**  
**Contre bride taraudée BSP**  
**Gegenflanschverbinder mit Gewinde**



## serie 3000 psi

| Pressione max<br>esercizio bar | Tipo<br>Type   | A<br>S.A.E. | B   | C  | D  | E  | G     |       | H   | I     | L   | M    |
|--------------------------------|----------------|-------------|-----|----|----|----|-------|-------|-----|-------|-----|------|
|                                |                |             |     |    |    |    | Metr. | UNC   |     |       |     |      |
| 348                            | C. 080-GAS-F-F | 3/8"        | 13  | 36 | 16 | 19 | M 8   | 5/16" | 57  | 38    | 47  | 17,5 |
| 348                            | C. 080-GAS-F-F | 1/2"        | 13  | 36 | 16 | 19 | M 8   | 5/16" | 57  | 38    | 47  | 17,5 |
| 348                            | C. 100-GAS-F-F | 3/4"        | 19  | 36 | 18 | 19 | M10   | 3/8"  | 66  | 47,6  | 49  | 22,2 |
| 348                            | C. 102-GAS-F-F | 1"          | 25  | 38 | 18 | 19 | M10   | 3/8"  | 71  | 52,4  | 53  | 26,2 |
| 278                            | C. 104-GAS-F-F | 1" 1/4      | 31  | 41 | 21 | 22 | M10   | 7/16" | 80  | 58,7  | 69  | 30,2 |
| 210                            | C. 106-GAS-F-F | 1" 1/2      | 38  | 44 | 25 | 24 | M12   | 1/2"  | 94  | 69,85 | 77  | 35,7 |
| 210                            | C. 108-GAS-F-F | 2"          | 50  | 45 | 25 | 26 | M12   | 1/2"  | 103 | 77,8  | 89  | 42,9 |
| 175                            | C. 110-GAS-F-F | 2" 1/2      | 63  | 50 | 25 | 30 | M12   | 1/2"  | 115 | 89    | 101 | 50,8 |
| 138                            | C. 112-GAS-F-F | 3"          | 73  | 50 | 27 | 34 | M16   | 5/8"  | 135 | 106,4 | 124 | 62   |
| 35                             | C. 114-GAS-F-F | 3" 1/2      | 89  | 50 | 27 | 27 | M16   | 5/8"  | 152 | 120,7 | 136 | 70   |
| 35                             | C. 116-GAS-F-F | 4"          | 99  | 50 | 27 | 30 | M16   | 5/8"  | 162 | 130   | 146 | 77,8 |
| 35                             | C. 118-GAS-F-F | 5"          | 120 | 50 | 28 | 30 | M16   | 5/8"  | 184 | 152,4 | 180 | 92   |

## serie 6000 psi

| Pressione max<br>esercizio bar | Tipo<br>Type   | A<br>S.A.E. | B  | C  | D  | E  | G     |       | H   | I     | L   | M    |
|--------------------------------|----------------|-------------|----|----|----|----|-------|-------|-----|-------|-----|------|
|                                |                |             |    |    |    |    | Metr. | UNC   |     |       |     |      |
| 420                            | C. 401-GAS-F-F | 3/8"        | 13 | 36 | 16 | 19 | M 8   | 5/16" | 57  | 40,5  | 47  | 18,3 |
| 420                            | C. 401-GAS-F-F | 1/2"        | 13 | 36 | 16 | 19 | M 8   | 5/16" | 57  | 40,5  | 47  | 18,3 |
| 420                            | C. 402-GAS-F-F | 3/4"        | 19 | 36 | 19 | 22 | M10   | 3/8"  | 71  | 50,8  | 53  | 23,3 |
| 420                            | C. 403-GAS-F-F | 1"          | 25 | 44 | 24 | 24 | M12   | 7/16" | 80  | 57,1  | 69  | 27,8 |
| 420                            | C. 404-GAS-F-F | 1" 1/4      | 31 | 44 | 27 | 25 | M14   | 1/2"  | 94  | 66,7  | 77  | 31,6 |
| 420                            | C. 405-GAS-F-F | 1" 1/2      | 38 | 51 | 30 | 28 | M16   | 5/8"  | 106 | 79,4  | 89  | 36,5 |
| 420                            | C. 406-GAS-F-F | 2"          | 50 | 70 | 37 | 33 | M20   | 3/4"  | 135 | 96,8  | 116 | 44,4 |
| 420                            | C. 408-GAS-F-F | 2" 1/2      | 63 | 75 | 45 | 35 | M24   | -     | 166 | 123,8 | 150 | 58,7 |
| 420                            | C. 410-GAS-F-F | 3"          | 73 | 90 | 55 | 40 | M30   | -     | 208 | 152,4 | 178 | 71,4 |

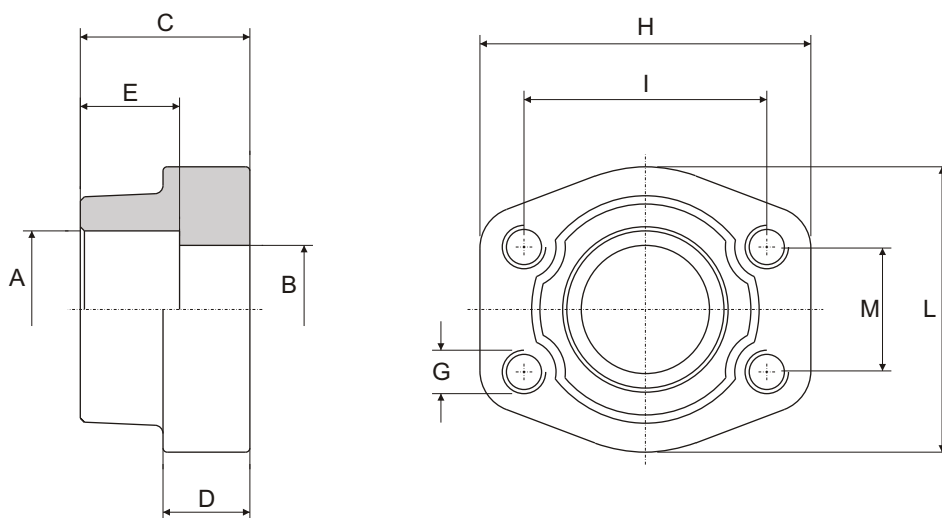
Per ordinazione flange: / Ordering Examples: / Pour commander brides: / Bestellbeispiel für Flansche:

Controflangia con fori fissaggio filettati metrici ..... M-C...G-F-F  
 Counter flange with metric tapholes ..... M-C...G-F-F  
 Contre bride avec trous taraudés metriques ..... M-C...G-F-F  
 Gegenflansch mit Metrischen Gewindebohrungen ..... M-C...G-F-F

Controflangia con fori fissaggio filettati UNC ..... U-C...G-F-F  
 Counter flange with UNC tapholes ..... U-C...G-F-F  
 Contre bride avec trous taraudés UNC ..... U-C...G-F-F  
 Gegenflansch mit UNC Gewindebohrungen ..... U-C...G-F-F

## CONTROFLANGIA A SALDARE DI TASCA

— Counter flanges socket weld  
Contre bride à emmanchement  
Gegenflanschverbinder zum Einlöten



### serie 3000 psi

| Pressione max<br>esercizio bar | Tipo<br>Type | S.A.E.           | A    | B   | C  | D  | E  | G     |                  | H   | I     | L   | M    |
|--------------------------------|--------------|------------------|------|-----|----|----|----|-------|------------------|-----|-------|-----|------|
|                                |              |                  |      |     |    |    |    | Metr. | UNC              |     |       |     |      |
| 348                            | C. 080-S-F-F | $\frac{3}{8}$ "  | 17,5 | 13  | 36 | 16 | 18 | M 8   | $\frac{5}{16}$ " | 57  | 38    | 47  | 17,5 |
| 348                            | C. 080-S-F-F | $\frac{1}{2}$ "  | 21,6 | 13  | 36 | 16 | 18 | M 8   | $\frac{5}{16}$ " | 57  | 38    | 47  | 17,5 |
| 348                            | C. 100-S-F-F | $\frac{3}{4}$ "  | 27,2 | 19  | 36 | 18 | 18 | M10   | $\frac{3}{8}$ "  | 66  | 47,6  | 49  | 22,2 |
| 348                            | C. 102-S-F-F | 1"               | 34,1 | 25  | 38 | 18 | 18 | M10   | $\frac{3}{8}$ "  | 70  | 52,4  | 53  | 26,2 |
| 278                            | C. 104-S-F-F | 1" $\frac{1}{4}$ | 42,8 | 31  | 41 | 21 | 20 | M10   | $\frac{7}{16}$ " | 80  | 58,7  | 69  | 30,2 |
| 210                            | C. 106-S-F-F | 1" $\frac{1}{2}$ | 48,6 | 38  | 44 | 25 | 22 | M12   | $\frac{1}{2}$ "  | 94  | 69,85 | 77  | 35,7 |
| 210                            | C. 108-S-F-F | 2"               | 61   | 50  | 45 | 25 | 24 | M12   | $\frac{1}{2}$ "  | 103 | 77,8  | 89  | 42,9 |
| 175                            | C. 110-S-F-F | 2" $\frac{1}{2}$ | 76,6 | 63  | 50 | 25 | 28 | M12   | $\frac{1}{2}$ "  | 115 | 89    | 101 | 50,8 |
| 138                            | C. 112-S-F-F | 3"               | 90,5 | 73  | 50 | 27 | 28 | M16   | $\frac{5}{8}$ "  | 135 | 106,4 | 124 | 62   |
| 35                             | C. 114-S-F-F | 3" $\frac{1}{2}$ | 103  | 89  | 50 | 27 | 28 | M16   | $\frac{5}{8}$ "  | 153 | 120,7 | 137 | 70   |
| 35                             | C. 116-S-F-F | 4"               | 115  | 99  | 50 | 27 | 28 | M16   | $\frac{5}{8}$ "  | 163 | 130   | 147 | 77,8 |
| 35                             | C. 118-S-F-F | 5"               | 142  | 120 | 50 | 28 | 28 | M16   | $\frac{5}{8}$ "  | 184 | 152,4 | 180 | 92   |

### serie 6000 psi

| Pressione max<br>esercizio bar | Tipo<br>Type | S.A.E.           | A    | B  | C  | D  | E  | G     |                  | H   | I     | L   | M    |
|--------------------------------|--------------|------------------|------|----|----|----|----|-------|------------------|-----|-------|-----|------|
|                                |              |                  |      |    |    |    |    | Metr. | UNC              |     |       |     |      |
| 420                            | C. 401-S-F-F | $\frac{3}{8}$ "  | 17,5 | 13 | 36 | 16 | 18 | M 8   | $\frac{5}{16}$ " | 57  | 40,5  | 47  | 18,3 |
| 420                            | C. 401-S-F-F | $\frac{1}{2}$ "  | 21,6 | 13 | 36 | 16 | 18 | M 8   | $\frac{5}{16}$ " | 57  | 40,5  | 47  | 18,3 |
| 420                            | C. 402-S-F-F | $\frac{3}{4}$ "  | 27,2 | 19 | 36 | 19 | 20 | M10   | $\frac{3}{8}$ "  | 71  | 50,8  | 53  | 23,8 |
| 420                            | C. 403-S-F-F | 1"               | 34,1 | 25 | 44 | 24 | 22 | M12   | $\frac{7}{16}$ " | 80  | 57,1  | 66  | 27,8 |
| 420                            | C. 404-S-F-F | 1" $\frac{1}{4}$ | 42,8 | 31 | 44 | 27 | 22 | M14   | $\frac{1}{2}$ "  | 94  | 66,7  | 77  | 31,6 |
| 420                            | C. 405-S-F-F | 1" $\frac{1}{2}$ | 48,6 | 38 | 51 | 30 | 24 | M16   | $\frac{5}{8}$ "  | 106 | 79,4  | 89  | 36,5 |
| 420                            | C. 406-S-F-F | 2"               | 61   | 50 | 70 | 37 | 25 | M20   | $\frac{3}{4}$ "  | 135 | 96,8  | 116 | 44,4 |
| 420                            | C. 408-S-F-F | 2" $\frac{1}{2}$ | 76,6 | 63 | 75 | 45 | 28 | M24   | -                | 166 | 123,8 | 150 | 58,7 |
| 420                            | C. 410-S-F-F | 3"               | 90,5 | 73 | 90 | 55 | 30 | M30   | -                | 208 | 152,4 | 178 | 71,4 |

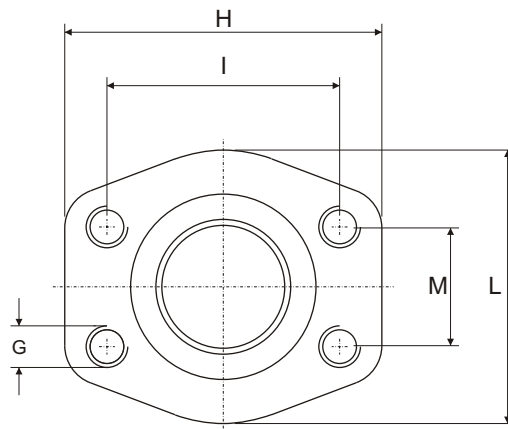
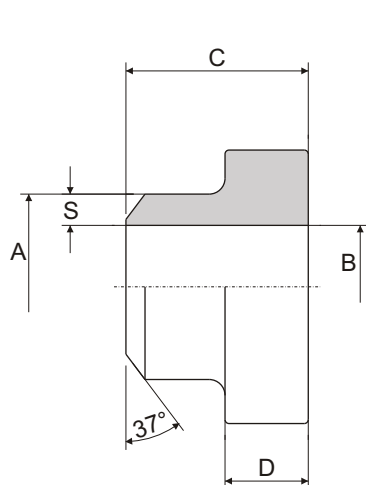
Per ordinazione flange: / Ordering Examples: / Pour commander brides: / Bestellbeispiel für Flansche:

Controflangia con fori fissaggio filettati metrici ..... M-C...S-F-F  
Counter flange with metric tapholes ..... M-C...S-F-F  
Contre bride avec trous taraudés metriques ..... M-C...S-F-F  
Gegenflansch mit Metrischen Gewindebohrungen ..... M-C...S-F-F

Controflangia con fori fissaggio filettati UNC ..... U-C...S-F-F  
Counter flange with UNC tapholes ..... U-C...S-F-F  
Contre bride avec trous taraudés UNC ..... U-C...S-F-F  
Gegenflansch mit UNC Gewindebohrungen ..... U-C...S-F-F

# CONTROFLANGIA A SALDARE DI TESTA

— Counter flanges butt weld  
Contre bride bout à bout  
Gegenflanschverbinder zum Anschweißen



## serie 3000 psi

| Pressione max<br>esercizio bar | Tipo<br>Type  | S.A.E. | A    | B   | C  | D  | S    | G     |       | H   | I     | L   | M    |
|--------------------------------|---------------|--------|------|-----|----|----|------|-------|-------|-----|-------|-----|------|
|                                |               |        |      |     |    |    |      | Metr. | UNC   |     |       |     |      |
| 348                            | C. 080-ST-F-F | 1/2"   | 21,6 | 13  | 36 | 16 | 4,3  | M 8   | 5/16" | 57  | 38    | 47  | 17,5 |
| 348                            | C. 100-ST-F-F | 3/4"   | 27,2 | 19  | 36 | 18 | 4,1  | M10   | 3/8"  | 66  | 47,6  | 49  | 22,2 |
| 348                            | C. 102-ST-F-F | 1"     | 34,5 | 25  | 38 | 18 | 4,7  | M10   | 3/8"  | 71  | 52,4  | 53  | 26,2 |
| 278                            | C. 104-ST-F-F | 1" 1/4 | 42,8 | 31  | 41 | 21 | 6    | M10   | 7/16" | 80  | 58,7  | 69  | 30,2 |
| 210                            | C. 106-ST-F-F | 1" 1/2 | 48,6 | 38  | 44 | 25 | 5,3  | M12   | 1/2"  | 94  | 69,85 | 77  | 35,7 |
| 210                            | C. 108-ST-F-F | 2"     | 61   | 50  | 45 | 25 | 5,5  | M12   | 1/2"  | 103 | 77,8  | 89  | 42,9 |
| 175                            | C. 110-ST-F-F | 2" 1/2 | 76,6 | 63  | 50 | 25 | 6,8  | M12   | 1/2"  | 115 | 89    | 101 | 50,8 |
| 138                            | C. 112-ST-F-F | 3"     | 89   | 73  | 50 | 27 | 8    | M16   | 5/8"  | 135 | 106,4 | 124 | 62   |
| 35                             | C. 114-ST-F-F | 3" 1/2 | 103  | 89  | 50 | 27 | 7    | M16   | 5/8"  | 153 | 120,7 | 137 | 70   |
| 35                             | C. 116-ST-F-F | 4"     | 115  | 99  | 50 | 27 | 8    | M16   | 5/8"  | 163 | 130   | 147 | 77,8 |
| 35                             | C. 118-ST-F-F | 5"     | 141  | 120 | 50 | 28 | 10,5 | M16   | 5/8"  | 184 | 152,4 | 180 | 92   |

## serie 6000 psi

| Pressione max<br>esercizio bar | Tipo<br>Type  | S.A.E. | A    | B  | C  | D  | S   | G     |       | H   | I     | L   | M    |
|--------------------------------|---------------|--------|------|----|----|----|-----|-------|-------|-----|-------|-----|------|
|                                |               |        |      |    |    |    |     | Metr. | UNC   |     |       |     |      |
| 420                            | C. 401-ST-F-F | 3/8"   | 17,5 | 10 | 36 | 16 | 3,7 | M 8   | 5/16" | 57  | 40,5  | 47  | 18,3 |
| 420                            | C. 401-ST-F-F | 1/2"   | 21,6 | 13 | 36 | 16 | 4,3 | M 8   | 5/16" | 57  | 40,5  | 47  | 18,3 |
| 420                            | C. 402-ST-F-F | 3/4"   | 27,2 | 18 | 36 | 19 | 4,6 | M10   | 3/8"  | 71  | 50,8  | 53  | 23,8 |
| 420                            | C. 403-ST-F-F | 1"     | 34,5 | 22 | 44 | 24 | 6,3 | M12   | 7/16" | 80  | 57,1  | 66  | 27,8 |
| 420                            | C. 404-ST-F-F | 1" 1/4 | 42,8 | 28 | 44 | 27 | 7,4 | M14   | 1/2"  | 94  | 66,7  | 77  | 31,6 |
| 420                            | C. 405-ST-F-F | 1" 1/2 | 48,6 | 32 | 51 | 30 | 8,3 | M16   | 5/8"  | 106 | 79,4  | 89  | 36,5 |
| 420                            | C. 406-ST-F-F | 2"     | 61   | 41 | 70 | 37 | 10  | M20   | 3/4"  | 135 | 96,8  | 116 | 44,4 |
| 420                            | C. 408-ST-F-F | 2" 1/2 | 76,6 | 50 | 75 | 45 | 13  | M24   | -     | 166 | 123,8 | 150 | 58,7 |
| 420                            | C. 410-ST-F-F | 3"     | 90   | 58 | 90 | 55 | 16  | M30   | -     | 208 | 152,4 | 178 | 71,4 |

Per ordinazione flange: / Ordering Examples: / Pour commander brides: / Bestellbeispiel für Flansche:

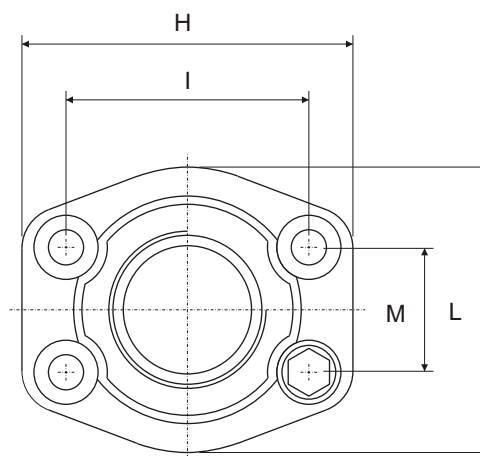
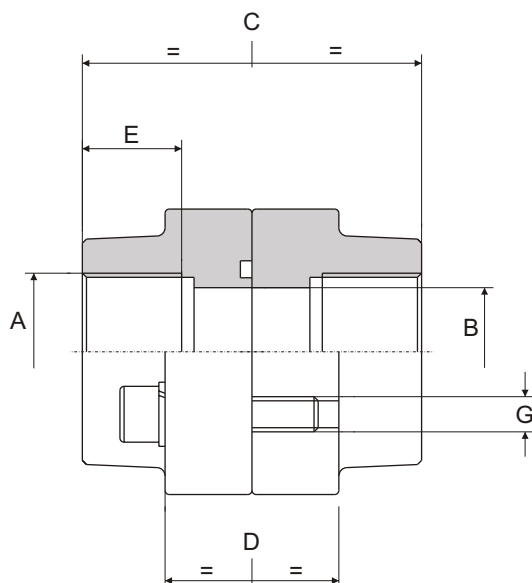
Controflangia con fori fissaggio filettati metrici ..... M-C...ST-F-F  
Counter flange with metric tapholes ..... M-C...ST-F-F  
Contre bride avec trous taraudés metriques ..... M-C...ST-F-F  
Gegenflansch mit Metrischen Gewindebohrungen ..... M-C...ST-F-F

Controflangia con fori fissaggio filettati UNC ..... U-C...ST-F-F  
Counter flange with UNC tapholes ..... U-C...ST-F-F  
Contre bride avec trous taraudés UNC ..... U-C...ST-F-F  
Gegenflansch mit UNC Gewindebohrungen ..... U-C...ST-F-F

Indicare quota "S"  
Specify "S" dimension  
Indiquer quote "S"  
Bestimmen "S" Abmessung

## DOPPIA FLANGIA FILETTATA GAS

**Double flanges BSP threaded**  
**Double bride taraudée BSP**  
**Doppelflanschverbinder mit Gewinde**



### serie 3000 psi

| Pressione max<br>esercizio bar | Tipo<br>Type   | A<br>S.A.E.      | B   | C   | D  | E  | G Viti / Bolts |                  | H   | I     | L   | M    | OR<br>O-RING |
|--------------------------------|----------------|------------------|-----|-----|----|----|----------------|------------------|-----|-------|-----|------|--------------|
|                                |                |                  |     |     |    |    | Metr.          | UNC              |     |       |     |      |              |
| 348                            | D.F.S. 080-GAS | $\frac{3}{8}$ "  | 13  | 72  | 32 | 19 | M 8            | $\frac{5}{16}$ " | 57  | 38    | 47  | 17,5 | 4075         |
| 348                            | D.F.S. 080-GAS | $\frac{1}{2}$ "  | 13  | 72  | 32 | 19 | M 8            | $\frac{5}{16}$ " | 57  | 38    | 47  | 17,5 | 4075         |
| 348                            | D.F.S. 100-GAS | $\frac{3}{4}$ "  | 19  | 72  | 36 | 19 | M10            | $\frac{3}{8}$ "  | 66  | 47,6  | 49  | 22,2 | 4100         |
| 348                            | D.F.S. 102-GAS | 1"               | 25  | 76  | 36 | 19 | M10            | $\frac{3}{8}$ "  | 71  | 52,4  | 53  | 26,2 | 4131         |
| 278                            | D.F.S. 104-GAS | 1" $\frac{1}{4}$ | 31  | 82  | 42 | 22 | M10            | $\frac{7}{16}$ " | 80  | 58,7  | 69  | 30,2 | 4150         |
| 210                            | D.F.S. 106-GAS | 1" $\frac{1}{2}$ | 38  | 88  | 48 | 24 | M12            | $\frac{1}{2}$ "  | 94  | 69,85 | 77  | 35,7 | 4187         |
| 210                            | D.F.S. 108-GAS | 2"               | 50  | 90  | 48 | 26 | M12            | $\frac{1}{2}$ "  | 103 | 77,8  | 89  | 42,9 | 4225         |
| 175                            | D.F.S. 110-GAS | 2" $\frac{1}{2}$ | 63  | 100 | 48 | 30 | M12            | $\frac{1}{2}$ "  | 115 | 89    | 101 | 50,8 | 4275         |
| 138                            | D.F.S. 112-GAS | 3"               | 73  | 100 | 53 | 34 | M16            | $\frac{5}{8}$ "  | 135 | 106,4 | 124 | 62   | 4337         |
| 35                             | D.F.S. 114-GAS | 3" $\frac{1}{2}$ | 89  | 100 | 54 | 27 | M16            | $\frac{5}{8}$ "  | 152 | 120,7 | 136 | 70   | 4387         |
| 35                             | D.F.S. 116-GAS | 4"               | 99  | 100 | 54 | 30 | M16            | $\frac{5}{8}$ "  | 162 | 130   | 146 | 77,8 | 4437         |
| 35                             | D.F.S. 118-GAS | 5"               | 120 | 100 | 54 | 30 | M16            | $\frac{5}{8}$ "  | 184 | 152,4 | 180 | 92   | 4537         |

### serie 6000 psi

| Pressione max<br>esercizio bar | Tipo<br>Type   | A<br>S.A.E.      | B  | C   | D   | E  | G Viti / Bolts |                  | H   | I     | L   | M    | OR<br>O-RING |
|--------------------------------|----------------|------------------|----|-----|-----|----|----------------|------------------|-----|-------|-----|------|--------------|
|                                |                |                  |    |     |     |    | Metr.          | UNC              |     |       |     |      |              |
| 420                            | D.F.S. 401-GAS | $\frac{3}{8}$ "  | 13 | 72  | 32  | 19 | M 8            | $\frac{5}{16}$ " | 57  | 40,5  | 47  | 18,3 | 4075         |
| 420                            | D.F.S. 401-GAS | $\frac{1}{2}$ "  | 13 | 72  | 32  | 19 | M 8            | $\frac{5}{16}$ " | 57  | 40,5  | 47  | 18,3 | 4075         |
| 420                            | D.F.S. 402-GAS | $\frac{3}{4}$ "  | 19 | 72  | 38  | 22 | M10            | $\frac{3}{8}$ "  | 71  | 50,8  | 53  | 23,8 | 4100         |
| 420                            | D.F.S. 403-GAS | 1"               | 25 | 88  | 48  | 24 | M12            | $\frac{7}{16}$ " | 80  | 57,1  | 69  | 27,8 | 4131         |
| 420                            | D.F.S. 404-GAS | 1" $\frac{1}{4}$ | 31 | 88  | 54  | 25 | M14            | $\frac{1}{2}$ "  | 94  | 66,7  | 77  | 31,6 | 4150         |
| 420                            | D.F.S. 405-GAS | 1" $\frac{1}{2}$ | 38 | 102 | 60  | 28 | M16            | $\frac{5}{8}$ "  | 106 | 79,4  | 89  | 36,5 | 4187         |
| 420                            | D.F.S. 406-GAS | 2"               | 50 | 140 | 74  | 33 | M20            | $\frac{3}{4}$ "  | 135 | 96,8  | 116 | 44,4 | 4225         |
| 420                            | D.F.S. 408-GAS | 2" $\frac{1}{2}$ | 63 | 150 | 90  | 35 | M24            | -                | 166 | 123,8 | 150 | 58,7 | 4275         |
| 420                            | D.F.S. 410-GAS | 3"               | 73 | 180 | 110 | 40 | M30            | -                | 208 | 152,4 | 178 | 71,4 | 4337         |

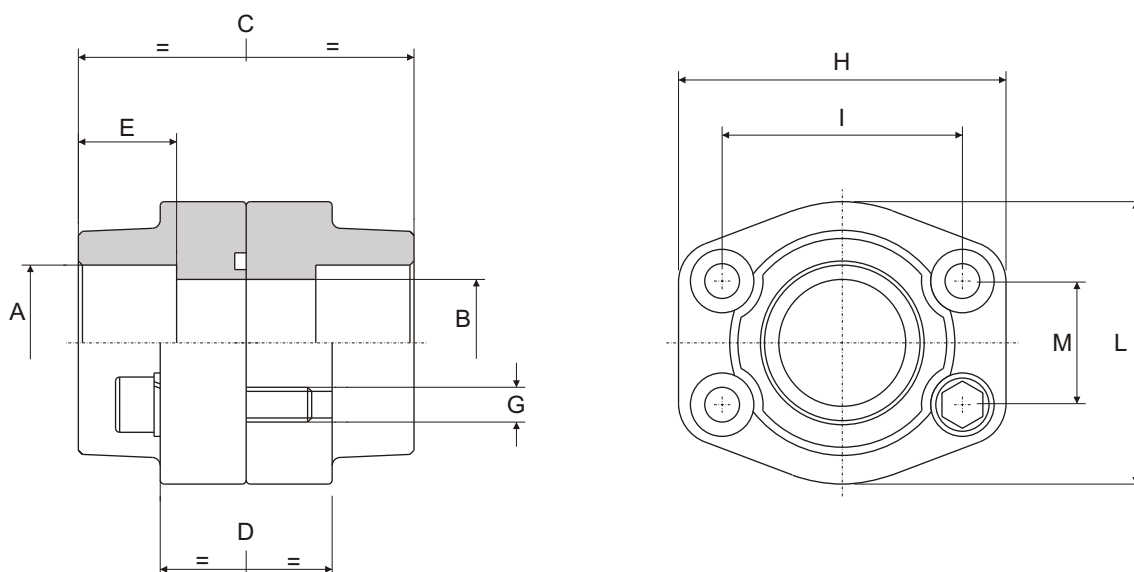
Per ordinazione flange: / Ordering Examples: / Pour commander brides: / Bestellbeispiel für Flansche:

Doppia flangia completa di viti metriche, rondelle e OR .....DFS...G-M  
 Complete double flange with metric screws, washers and o-ring .....DFS...G-M  
 Double bride complete des vis métriques rondelles et OR .....DFS...G-M  
 Doppelflanschverbinder einschl. metrischen Zylinderschrauben, Federringen und O-Ring ..DFS...G-M

Doppia flangia completa di viti UNC, rondelle e OR .....DFS...G-U  
 Complete double flange with UNC screws, washers and o-ring .....DFS...G-U  
 Double bride complete des vis UNC, rondelles et OR .....DFS...G-U  
 Doppelflanschverbinder einschl. UNC-Schrauben, Federringen und O-Ring ..DFS...G-U

# **DOPPIA FLANGIA A SALDARE DI TASCA**

— **Double flanges socket weld**  
**Double bride à emmanchement**  
**Doppelflanschverbinder zum Einlöten**



## **serie 3000 psi**

| Pressione max<br>esercizio bar | Tipo<br>Type | S.A.E. | A     | B   | C   | D  | E  | G Viti / Bolts |       | H   | I     | L   | M    | OR<br>O-RING |
|--------------------------------|--------------|--------|-------|-----|-----|----|----|----------------|-------|-----|-------|-----|------|--------------|
|                                |              |        |       |     |     |    |    | Metr.          | UNC   |     |       |     |      |              |
| 348                            | D.F.S. 080-S | 3/8"   | 17,5  | 13  | 72  | 36 | 18 | M 8            | 5/16" | 57  | 38    | 47  | 17,5 | 4075         |
| 348                            | D.F.S. 080-S | 1/2"   | 21,6  | 13  | 72  | 36 | 18 | M 8            | 5/16" | 57  | 38    | 47  | 17,5 | 4075         |
| 348                            | D.F.S. 100-S | 3/4"   | 27,2  | 19  | 72  | 36 | 18 | M10            | 3/8"  | 66  | 47,6  | 49  | 22,2 | 4100         |
| 348                            | D.F.S. 102-S | 1"     | 34,1  | 25  | 76  | 36 | 18 | M10            | 3/8"  | 71  | 52,4  | 53  | 26,2 | 4131         |
| 278                            | D.F.S. 104-S | 1" 1/4 | 42,8  | 31  | 82  | 42 | 20 | M10            | 7/16" | 80  | 58,7  | 69  | 30,2 | 4150         |
| 210                            | D.F.S. 106-S | 1" 1/2 | 48,6  | 38  | 88  | 48 | 22 | M12            | 1/2"  | 94  | 69,85 | 77  | 35,7 | 4187         |
| 210                            | D.F.S. 108-S | 2"     | 61    | 50  | 90  | 48 | 24 | M12            | 1/2"  | 103 | 77,8  | 89  | 42,9 | 4225         |
| 175                            | D.F.S. 110-S | 2" 1/2 | 76,6  | 63  | 100 | 48 | 28 | M12            | 1/2"  | 116 | 89    | 101 | 50,8 | 4275         |
| 138                            | D.F.S. 112-S | 3"     | 90,5  | 73  | 100 | 53 | 28 | M16            | 5/8"  | 135 | 106,4 | 124 | 62   | 4337         |
| 35                             | D.F.S. 114-S | 3" 1/2 | 103   | 89  | 100 | 54 | 28 | M16            | 5/8"  | 153 | 120,7 | 137 | 70   | 4387         |
| 35                             | D.F.S. 116-S | 4"     | 115,5 | 99  | 100 | 54 | 28 | M16            | 5/8"  | 163 | 130   | 147 | 77,8 | 4437         |
| 35                             | D.F.S. 118-S | 5"     | 142   | 120 | 100 | 54 | 28 | M16            | 5/8"  | 184 | 152,4 | 180 | 92   | 4537         |

## **serie 6000 psi**

| Pressione max<br>esercizio bar | Tipo<br>Type | S.A.E. | A    | B  | C   | D   | E  | G Viti / Bolts |       | H   | I     | L   | M    | OR<br>O-RING |
|--------------------------------|--------------|--------|------|----|-----|-----|----|----------------|-------|-----|-------|-----|------|--------------|
|                                |              |        |      |    |     |     |    | Metr.          | UNC   |     |       |     |      |              |
| 420                            | D.F.S. 401-S | 3/8"   | 17,5 | 13 | 72  | 32  | 18 | M 8            | 5/16" | 57  | 40,5  | 47  | 18,3 | 4075         |
| 420                            | D.F.S. 401-S | 1/2"   | 21,6 | 13 | 72  | 32  | 18 | M 8            | 5/16" | 57  | 40,5  | 47  | 18,3 | 4075         |
| 420                            | D.F.S. 402-S | 3/4"   | 27,2 | 19 | 72  | 38  | 20 | M10            | 3/8"  | 71  | 50,8  | 53  | 23,8 | 4100         |
| 420                            | D.F.S. 403-S | 1"     | 34,1 | 25 | 88  | 48  | 22 | M12            | 7/16" | 80  | 57,1  | 66  | 27,8 | 4131         |
| 420                            | D.F.S. 404-S | 1" 1/4 | 42,8 | 31 | 88  | 54  | 22 | M14            | 1/2"  | 94  | 66,7  | 77  | 31,6 | 4150         |
| 420                            | D.F.S. 405-S | 1" 1/2 | 48,6 | 38 | 102 | 60  | 24 | M16            | 5/8"  | 106 | 79,4  | 89  | 36,5 | 4187         |
| 420                            | D.F.S. 406-S | 2"     | 61   | 50 | 140 | 74  | 25 | M20            | 3/4"  | 135 | 96,8  | 116 | 44,4 | 4225         |
| 420                            | D.F.S. 408-S | 2" 1/2 | 76,6 | 63 | 150 | 90  | 28 | M24            | -     | 166 | 123,8 | 150 | 58,7 | 4275         |
| 420                            | D.F.S. 410-S | 3"     | 90,5 | 73 | 180 | 110 | 30 | M30            | -     | 208 | 152,4 | 178 | 71,4 | 4337         |

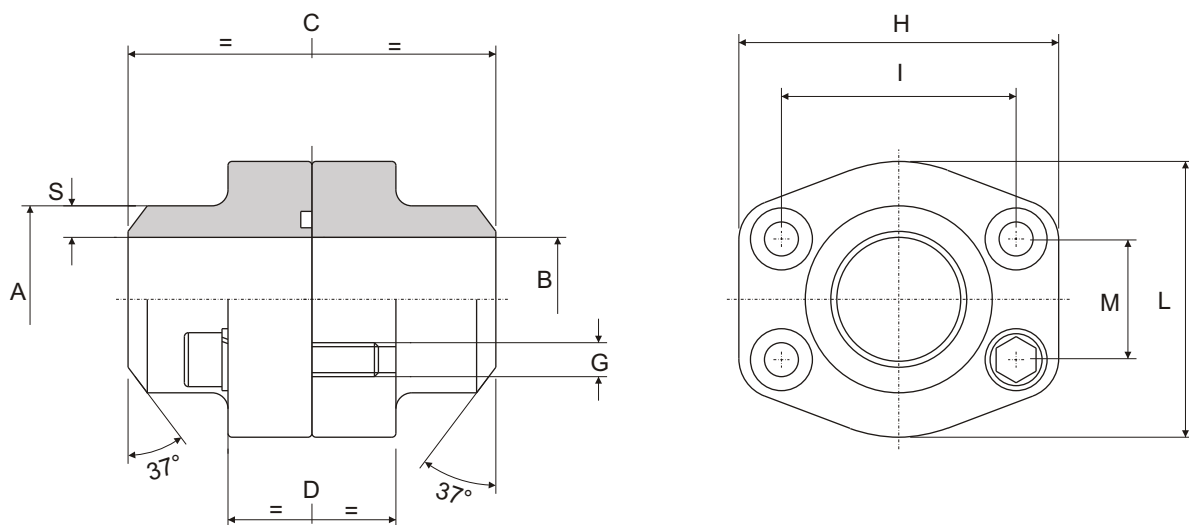
Per ordinazione flange: / Ordering Examples: / Pour commander brides: / Bestellbeispiel für Flansche:

Doppia flangia completa di viti metriche, rondelle e OR.....DFS...S-M  
 Complete double flange with metric screws, washers and o-ring.....DFS...S-M  
 Double bride complete des vis métriques rondelles et OR.....DFS...S-M  
 Doppelflanschverbinder einschl. metrischen Zylinderschrauben, Federringen und O-Ring...DFS...S-M

Doppia flangia completa di viti UNC, rondelle e OR.....DFS...S-U  
 Complete double flange with UNC screws, washers and o-ring.....DFS...S-U  
 Double bride complete des vis UNC, rondelles et OR.....DFS...S-U  
 Doppelflanschverbinder einschl. UNC-Schrauben, Federringen und O-Ring...DFS...S-U

## **DOPPIA FLANGIA A SALDARE DI TESTA**

**Double flanges butt weld**  
**Double bride bout à bout**  
**Doppelflanschverbinder zum Anschweißen**



### **serie 3000 psi**

| Pressione max<br>esercizio bar | Tipo<br>Type  | S.A.E. | A    | B   | C   | D  | S    | G Viti / Bolts |       | H   | I     | L   | M    | OR<br>O-RING |
|--------------------------------|---------------|--------|------|-----|-----|----|------|----------------|-------|-----|-------|-----|------|--------------|
|                                |               |        |      |     |     |    |      | Metr.          | UNC   |     |       |     |      |              |
| 348                            | D.F.S. 080-ST | 1/2"   | 21,6 | 13  | 72  | 32 | 4,3  | M 8            | 5/16" | 57  | 38    | 47  | 17,5 | 4075         |
| 348                            | D.F.S. 100-ST | 3/4"   | 27,2 | 19  | 72  | 36 | 4,1  | M10            | 3/8"  | 66  | 47,6  | 49  | 22,2 | 4100         |
| 348                            | D.F.S. 102-ST | 1"     | 34,5 | 25  | 76  | 36 | 4,7  | M10            | 3/8"  | 71  | 52,4  | 53  | 26,2 | 4131         |
| 278                            | D.F.S. 104-ST | 1" 1/4 | 42,8 | 31  | 82  | 42 | 6    | M10            | 7/16" | 80  | 58,7  | 69  | 30,2 | 4150         |
| 210                            | D.F.S. 106-ST | 1" 1/2 | 48,6 | 38  | 88  | 48 | 5,3  | M12            | 1/2"  | 94  | 69,85 | 77  | 35,7 | 4187         |
| 210                            | D.F.S. 108-ST | 2"     | 61   | 50  | 90  | 48 | 5,5  | M12            | 1/2"  | 103 | 77,8  | 89  | 42,9 | 4225         |
| 175                            | D.F.S. 110-ST | 2" 1/2 | 76,6 | 63  | 100 | 48 | 6,8  | M12            | 1/2"  | 115 | 89    | 101 | 50,8 | 4275         |
| 138                            | D.F.S. 112-ST | 3"     | 89   | 73  | 100 | 53 | 8    | M16            | 5/8"  | 135 | 106,4 | 124 | 62   | 4337         |
| 35                             | D.F.S. 114-ST | 3" 1/2 | 103  | 89  | 100 | 54 | 7    | M16            | 5/8"  | 153 | 120,7 | 137 | 70   | 4387         |
| 35                             | D.F.S. 116-ST | 4"     | 115  | 99  | 100 | 54 | 8    | M16            | 5/8"  | 163 | 130   | 147 | 77,8 | 4337         |
| 35                             | D.F.S. 118-ST | 5"     | 141  | 120 | 100 | 54 | 10,5 | M16            | 5/8"  | 184 | 152,4 | 180 | 92   | 4537         |

### **serie 6000 psi**

| Pressione max<br>esercizio bar | Tipo<br>Type  | S.A.E. | A    | B  | C   | D   | S   | G Viti / Bolts |       | H   | I     | L   | M    | OR<br>O-RING |
|--------------------------------|---------------|--------|------|----|-----|-----|-----|----------------|-------|-----|-------|-----|------|--------------|
|                                |               |        |      |    |     |     |     | Metr.          | UNC   |     |       |     |      |              |
| 420                            | D.F.S. 401-ST | 3/8"   | 17,5 | 10 | 72  | 32  | 3,7 | M 8            | 5/16" | 57  | 40,5  | 47  | 18,3 | 4075         |
| 420                            | D.F.S. 401-ST | 1/2"   | 21,6 | 13 | 72  | 32  | 4,3 | M 8            | 5/16" | 57  | 40,5  | 47  | 18,3 | 4075         |
| 420                            | D.F.S. 402-ST | 3/4"   | 27,2 | 18 | 72  | 38  | 4,6 | M10            | 3/8"  | 71  | 50,8  | 53  | 23,8 | 4100         |
| 420                            | D.F.S. 403-ST | 1"     | 34,5 | 22 | 88  | 48  | 6,3 | M12            | 7/16" | 80  | 57,1  | 66  | 27,8 | 4131         |
| 420                            | D.F.S. 404-ST | 1" 1/4 | 42,8 | 28 | 88  | 54  | 7,4 | M14            | 1/2"  | 94  | 66,7  | 77  | 31,6 | 4150         |
| 420                            | D.F.S. 405-ST | 1" 1/2 | 48,6 | 32 | 102 | 60  | 8,3 | M16            | 5/8"  | 106 | 79,4  | 89  | 36,5 | 4187         |
| 420                            | D.F.S. 406-ST | 2"     | 61   | 41 | 140 | 74  | 10  | M20            | 3/4"  | 135 | 96,8  | 116 | 44,4 | 4225         |
| 420                            | D.F.S. 408-ST | 2" 1/2 | 76,6 | 50 | 150 | 90  | 13  | M24            | -     | 166 | 123,8 | 150 | 58,7 | 4275         |
| 420                            | D.F.S. 410-ST | 3"     | 90   | 58 | 180 | 110 | 16  | M30            | -     | 208 | 152,4 | 178 | 71,4 | 4337         |

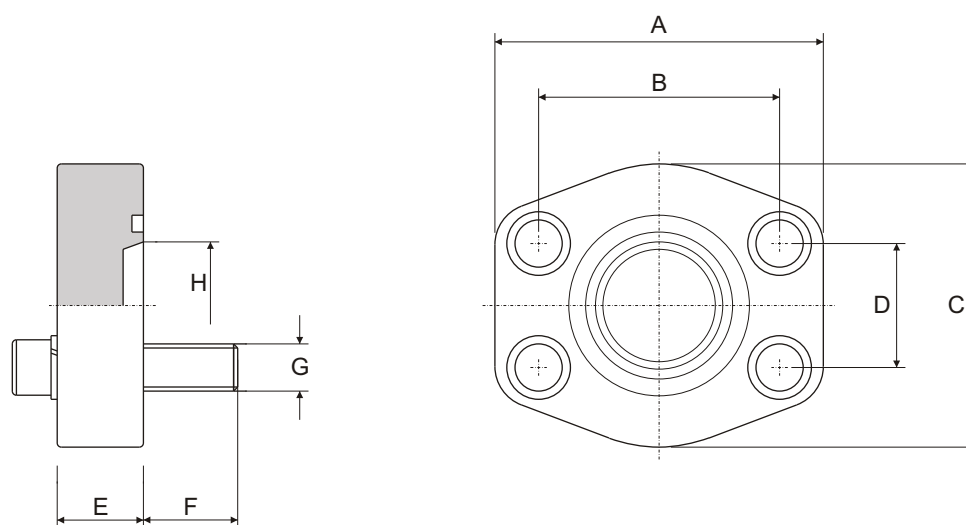
Per ordinazione flange: / Ordering Examples: / Pour commander brides: / Bestellbeispiel für Flansche:

Doppia flangia completa di viti metriche, rondelle e OR.....DFS...ST-M  
 Complete double flange with metrical screws, washers and o-ring.....DFS...ST-M  
 Double bride complete des vis métriques rondelles et OR.....DFS...ST-M  
 Doppelflanschverbinder einschl. metrischen Zylinderschrauben, Federringen und O-Ring...DFS...ST-M

Doppia flangia completa di viti UNC, rondelle e OR.....DFS...ST-U  
 Complete double flange with UNC screws, washers and o-ring.....DFS...ST-U  
 Double bride complete des vis UNC, rondelles et OR.....DFS...ST-U  
 Doppelflanschverbinder einschl. UNC-Schrauben, Federringen und O-Ring.DFS...ST-U

# FLANGIA CIECA

**Closed flanges**  
**Bride d'obturation**  
**Verschlussflansch**



## serie 3000 psi

| Pressione max<br>esercizio bar | Tipo<br>Type | S.A.E. | A   | B     | C   | D    | E  | F  | G Viti / Bolts |       | H   | OR<br>O-RING |
|--------------------------------|--------------|--------|-----|-------|-----|------|----|----|----------------|-------|-----|--------------|
|                                |              |        |     |       |     |      |    |    | Metr.          | UNC   |     |              |
| 348                            | C.F.C.S. 080 | 1/2"   | 57  | 38    | 47  | 17,5 | 16 | 14 | M 8            | 5/16" | 10  | 4075         |
| 348                            | C.F.C.S. 100 | 3/4"   | 66  | 47,6  | 49  | 22,2 | 18 | 16 | M10            | 3/8"  | 15  | 4100         |
| 348                            | C.F.C.S. 102 | 1"     | 71  | 52,4  | 53  | 26,2 | 19 | 16 | M10            | 3/8"  | 18  | 4131         |
| 278                            | C.F.C.S. 104 | 1" 1/4 | 80  | 58,7  | 69  | 30,2 | 21 | 18 | M10            | 7/16" | 23  | 4150         |
| 210                            | C.F.C.S. 106 | 1" 1/2 | 95  | 69,85 | 77  | 35,7 | 24 | 19 | M12            | 1/2"  | 28  | 4187         |
| 210                            | C.F.C.S. 108 | 2"     | 103 | 77,8  | 89  | 42,9 | 24 | 19 | M12            | 1/2"  | 45  | 4225         |
| 175                            | C.F.C.S. 110 | 2" 1/2 | 116 | 89    | 101 | 50,8 | 25 | 19 | M12            | 1/2"  | 58  | 4275         |
| 138                            | C.F.C.S. 112 | 3"     | 136 | 106,4 | 124 | 62   | 25 | 27 | M16            | 5/8"  | 70  | 4337         |
| 35                             | C.F.C.S. 114 | 3" 1/2 | 152 | 120,7 | 136 | 70   | 25 | 27 | M16            | 5/8"  | 85  | 4387         |
| 35                             | C.F.C.S. 116 | 4"     | 162 | 130   | 146 | 77,8 | 25 | 27 | M16            | 5/8"  | 95  | 4437         |
| 35                             | C.F.C.S. 118 | 5"     | 184 | 152,4 | 180 | 92   | 25 | 27 | M16            | 5/8"  | 110 | 4537         |

## serie 6000 psi

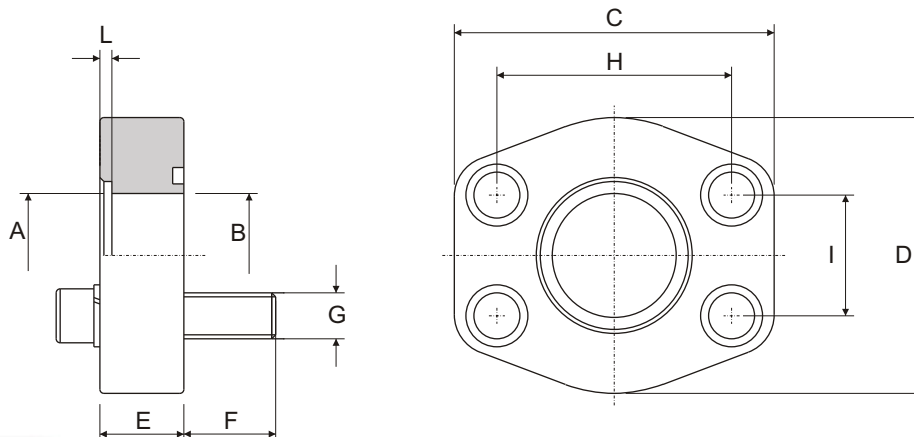
| Pressione max<br>esercizio bar | Tipo<br>Type | S.A.E. | A   | B     | C   | D    | E  | F  | G Viti / Bolts |       | H  | OR<br>O-RING |
|--------------------------------|--------------|--------|-----|-------|-----|------|----|----|----------------|-------|----|--------------|
|                                |              |        |     |       |     |      |    |    | Metr.          | UNC   |    |              |
| 420                            | C.F.C.S. 401 | 3/8"   | 57  | 40,5  | 47  | 18,3 | 16 | 14 | M 8            | 5/16" | 10 | 4075         |
| 420                            | C.F.C.S. 402 | 3/4"   | 71  | 50,8  | 53  | 23,8 | 19 | 16 | M10            | 3/8"  | 15 | 4100         |
| 420                            | C.F.C.S. 403 | 1"     | 80  | 57,1  | 66  | 27,8 | 24 | 18 | M12            | 7/16" | 22 | 4131         |
| 420                            | C.F.C.S. 404 | 1" 1/4 | 94  | 66,7  | 77  | 31,6 | 27 | 24 | M14            | 1/2"  | 30 | 4150         |
| 420                            | C.F.C.S. 405 | 1" 1/2 | 103 | 79,4  | 89  | 36,5 | 30 | 24 | M16            | 5/8"  | 35 | 4187         |
| 420                            | C.F.C.S. 406 | 2"     | 135 | 96,8  | 123 | 44,4 | 35 | 31 | M20            | 3/4"  | 48 | 4225         |
| 420                            | C.F.C.S. 408 | 2" 1/2 | 166 | 123,8 | 150 | 58,7 | 45 | 40 | M24            | -     | 55 | 4275         |
| 420                            | C.F.C.S. 410 | 3"     | 208 | 152,4 | 178 | 71,4 | 55 | 45 | M30            | -     | 65 | 4337         |

Per ordinazione flange: / Ordering Examples: / Pour commander brides: / Bestellbeispiel für Flansche:

|                             |                                                                    |                                                                                   |
|-----------------------------|--------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| Solo flangia..... CFCS...-  | Flangia completa di viti UNC, rondelle e OR..... CFCS...U          | Flangia completa di viti metriche, rondelle e OR..... CFCS...M                    |
| Only flange..... CFCS...-   | Complete flange with UNC screws, washers and o-ring..... CFCS...U  | Complete flange with metrical screws, washers and o-ring..... CFCS...M            |
| Seulement bride... CFCS...- | Bride complete des vis UNC, rondelles et OR..... CFCS...U          | Bride complete des vis métriques, rondelles et OR..... CFCS...M                   |
| Nur Flansch..... CFCS...-   | Flansch einschl. UNC-Schrauben, Federringen und O-Ring... CFCS...U | Flansch einschl. metrischen Zylinderschrauben, Federringen und O-Ring... CFCS...M |

# FLANGIA PIATTA A SALDARE

**Socket welding flat flange**  
**Bride plat à emmanchement**  
**Einschweisflanschfläche Bauform**



## serie 3000 psi

| Tipo<br>Type | A              | B         | S.A.E. | C   | D   | E  | F  | G Viti / Bolts |       | H     | I    | L | OR<br>O-RING |
|--------------|----------------|-----------|--------|-----|-----|----|----|----------------|-------|-------|------|---|--------------|
|              |                |           |        |     |     |    |    | Metr.          | UNC   |       |      |   |              |
| F.P.S. 080-S | 17,5<br>21,6   | 13        | 1/2"   | 57  | 47  | 16 | 14 | M 8            | 5/16" | 38    | 17,5 | 3 | 4075         |
| F.P.S. 100-S | 21,6<br>27,2   | 13<br>19  | 3/4"   | 66  | 49  | 18 | 16 | M10            | 3/8"  | 47,6  | 22,2 | 4 | 4100         |
| F.P.S. 102-S | 27,2<br>34,5   | 19<br>25  | 1"     | 71  | 53  | 19 | 16 | M10            | 3/8"  | 52,4  | 26,2 | 4 | 4131         |
| F.P.S. 104-S | 34,5<br>42,8   | 25<br>31  | 1" 1/4 | 80  | 69  | 21 | 18 | M10            | 7/16" | 58,7  | 30,2 | 4 | 4150         |
| F.P.S. 106-S | 42,8<br>48,6   | 31<br>38  | 1" 1/2 | 95  | 77  | 24 | 19 | M12            | 1/2"  | 69,85 | 35,7 | 4 | 4187         |
| F.P.S. 108-S | 48,6<br>61     | 38<br>50  | 2"     | 103 | 89  | 24 | 19 | M12            | 1/2"  | 77,8  | 42,9 | 4 | 4225         |
| F.P.S. 110-S | 61<br>76,6     | 50<br>63  | 2" 1/2 | 116 | 101 | 25 | 19 | M12            | 1/2"  | 89    | 50,8 | 5 | 4275         |
| F.P.S. 112-S | 76,6<br>90,5   | 63<br>73  | 3"     | 136 | 124 | 25 | 27 | M16            | 5/8"  | 106,4 | 62   | 5 | 4337         |
| F.P.S. 114-S | 90,5<br>103    | 73<br>89  | 3" 1/2 | 152 | 136 | 25 | 27 | M16            | 5/8"  | 120,7 | 70   | 5 | 4387         |
| F.P.S. 116-S | 103<br>115,5   | 89<br>99  | 4"     | 162 | 146 | 25 | 27 | M16            | 5/8"  | 130   | 77,8 | 6 | 4437         |
| F.P.S. 118-S | 115,5<br>142,5 | 99<br>120 | 5"     | 184 | 180 | 25 | 27 | M16            | 5/8"  | 152,4 | 92   | 6 | 4537         |

## serie 6000 psi

| Tipo<br>Type | A            | B        | S.A.E. | C   | D   | E  | F  | G Viti / Bolts |       | H    | I    | L | OR<br>O-RING |
|--------------|--------------|----------|--------|-----|-----|----|----|----------------|-------|------|------|---|--------------|
|              |              |          |        |     |     |    |    | Metr.          | UNC   |      |      |   |              |
| F.P.S. 401-S | 17,5<br>21,6 | 13       | 1/2"   | 57  | 47  | 16 | 14 | M 8            | 5/16" | 40,5 | 18,3 | 4 | 4075         |
| F.P.S. 402-S | 21,6<br>27,2 | 13<br>19 | 3/4"   | 71  | 53  | 19 | 16 | M10            | 3/8"  | 50,8 | 23,8 | 4 | 4100         |
| F.P.S. 403-S | 27,2<br>34,5 | 19<br>25 | 1"     | 80  | 66  | 24 | 18 | M12            | 7/16" | 57,1 | 27,8 | 4 | 4131         |
| F.P.S. 404-S | 34,5<br>42,8 | 25<br>31 | 1" 1/4 | 94  | 77  | 27 | 24 | M14            | 1/2"  | 66,7 | 31,6 | 4 | 4150         |
| F.P.S. 405-S | 42,8<br>48,6 | 31<br>38 | 1" 1/2 | 103 | 89  | 30 | 24 | M16            | 5/8"  | 79,4 | 36,5 | 4 | 4187         |
| F.P.S. 406-S | 48,6<br>61   | 38<br>50 | 2"     | 135 | 123 | 35 | 31 | M20            | 3/4"  | 96,8 | 44,4 | 4 | 4225         |

Per ordinazione flange: / Ordering Examples: / Pour commander brides: / Bestellbeispiel für Flansche:

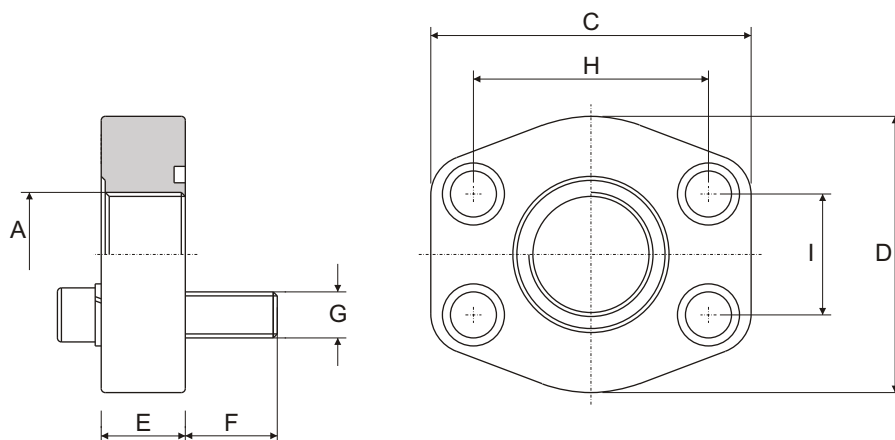
Solo flangia.....FPS...  
 Only flange.....FPS...  
 Seulement bride...FPS...  
 Nur Flansch.....FPS...

Flangia completa di viti UNC, rondelle e OR.....FPS...U  
 Complete flange with UNC screws, washers and o-ring.....FPS...U  
 Bride complete des vis UNC, rondelles et OR.....FPS...U  
 Flansch einschl. UNC-Schrauben, Federringen und O-Ring.....FPS...U

Flangia completa di viti metriche, rondelle e OR.....FPS...M  
 Complete flange with metrical screws, washers and o-ring.....FPS...M  
 Bride complete des vis métriques, rondelles et OR.....FPS...M  
 Flansch einschl. metrischen Zylinderschrauben, Federringen und O-Ring.....FPS...M

# FLANGIA PIATTA FILETTATA

**Threaded flat flange**  
**Bride plat taraudée**  
**Gewindeflanschfläche Bauform**



## serie 3000 psi

| Tipo<br>Type | A<br>S.A.E.      | C   | D   | E  | F  | G Viti / Bolts |       | H     | I    | OR<br>O-RING |
|--------------|------------------|-----|-----|----|----|----------------|-------|-------|------|--------------|
|              |                  |     |     |    |    | Metr.          | UNC   |       |      |              |
| F.P.G. 080-G | 3/8"<br>1/2"     | 57  | 47  | 16 | 14 | M 8            | 5/16" | 38    | 17,5 | 4075<br>3100 |
| F.P.G. 100-G | 1/2"<br>3/4"     | 66  | 49  | 18 | 16 | M10            | 3/8"  | 47,6  | 22,2 | 4100<br>4125 |
| F.P.G. 102-G | 3/4"<br>1"       | 71  | 53  | 19 | 16 | M10            | 3/8"  | 52,4  | 26,2 | 4131<br>4150 |
| F.P.G. 104-G | 1"<br>1 1/4"     | 80  | 69  | 21 | 18 | M10            | 7/16" | 58,7  | 30,2 | 4150<br>149  |
| F.P.G. 106-G | 1 1/4"<br>1 1/2" | 95  | 77  | 24 | 19 | M12            | 1/2"  | 69,85 | 35,7 | 4187<br>156  |
| F.P.G. 108-G | 1 1/2"<br>2"     | 103 | 89  | 24 | 19 | M12            | 1/2"  | 77,8  | 42,9 | 4225<br>168  |
| F.P.G. 110-G | 2"<br>2 1/2"     | 116 | 101 | 25 | 19 | M12            | 1/2"  | 89    | 50,8 | 4275<br>4312 |
| F.P.G. 112-G | 2 1/2"<br>3"     | 136 | 124 | 25 | 27 | M16            | 5/8"  | 106,4 | 62   | 4337<br>4375 |
| F.P.G. 114-G | 3"<br>3 1/2"     | 152 | 136 | 25 | 27 | M16            | 5/8"  | 120,7 | 70   | 4387<br>4425 |
| F.P.G. 116-G | 3 1/2"<br>4"     | 162 | 146 | 25 | 27 | M16            | 5/8"  | 130   | 77,8 | 4437<br>4462 |
| F.P.G. 118-G | 4"<br>5"         | 184 | 180 | 25 | 27 | M16            | 5/8"  | 152,4 | 92   | 4537<br>4575 |

## serie 6000 psi

| Tipo<br>Type | A<br>S.A.E.      | C   | D   | E  | F  | G Viti / Bolts |       | H    | I    | OR<br>O-RING |
|--------------|------------------|-----|-----|----|----|----------------|-------|------|------|--------------|
|              |                  |     |     |    |    | Metr.          | UNC   |      |      |              |
| F.P.G. 401-G | 3/8"<br>1/2"     | 57  | 47  | 16 | 14 | M 8            | 5/16" | 40,5 | 18,3 | 4075<br>3100 |
| F.P.G. 402-G | 1/2"<br>3/4"     | 71  | 53  | 19 | 16 | M10            | 3/8"  | 50,8 | 23,8 | 4100<br>4131 |
| F.P.G. 403-G | 3/4"<br>1"       | 80  | 66  | 24 | 18 | M12            | 7/16" | 57,1 | 27,8 | 4131<br>4150 |
| F.P.G. 404-G | 1"<br>1 1/4"     | 94  | 77  | 27 | 24 | M14            | 1/2"  | 66,7 | 31,6 | 4150<br>149  |
| F.P.G. 405-G | 1 1/4"<br>1 1/2" | 103 | 89  | 30 | 24 | M16            | 5/8"  | 79,4 | 36,5 | 4187<br>156  |
| F.P.G. 406-G | 1 1/2"<br>2"     | 135 | 123 | 35 | 31 | M20            | 3/4"  | 96,8 | 44,4 | 4225<br>168  |

Per ordinazione flange: / Ordering Examples: / Pour commander brides: / Bestellbeispiel für Flansche:

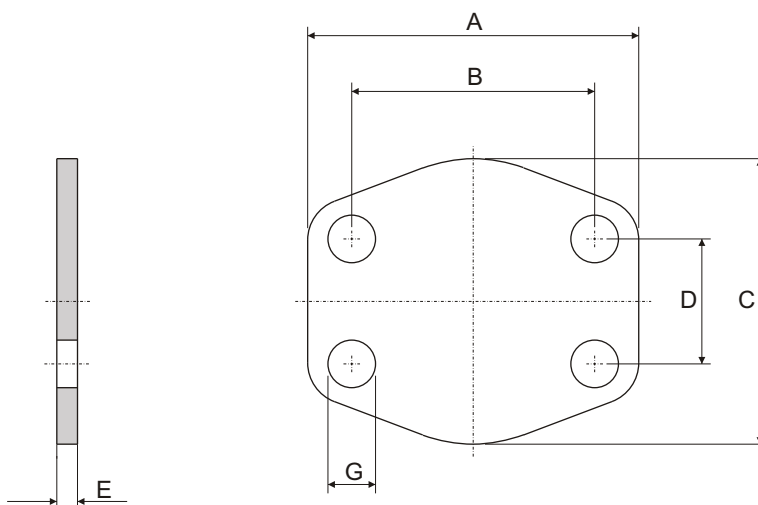
Solo flangia..... FPG...-  
Only flange..... FPG...-  
Seulement bride.. FPG...-  
Nur Flansch..... FPG...-

Flangia completa di viti UNC, rondelle e OR..... FPG...U  
Complete flange with UNC screws, washers and o-ring..... FPG...U  
Bride complete des vis UNC, rondelles et OR..... FPG...U  
Flansch einschl. UNC-Schrauben, Federringen und O-Ring... FPG...U

Flangia completa di viti metriche, rondelle e OR..... FPG...M  
Complete flange with metrical screws, washers and o-ring..... FPG...M  
Bride complete des vis métriques, rondelles et OR..... FPG...M  
Flansch einschl. metrischen Zylinderschrauben, Federringen und O-Ring.. FPG...M

# FLANGIA DI CHIUSURA / PROTEZIONE

Locking / protection Flange  
Bride de fermeture / protection  
Abschlußplatte



## serie 3000 psi

| Tipo<br>Type | S.A.E. | A   | B     | C   | D    | E | G    |
|--------------|--------|-----|-------|-----|------|---|------|
| CP 080       | 1/2"   | 57  | 38    | 47  | 17,5 | 3 | 9    |
| CP 100       | 3/4"   | 66  | 47,6  | 49  | 22,2 | 3 | 11   |
| CP 102       | 1"     | 71  | 52,4  | 53  | 26,2 | 3 | 11   |
| CP 104       | 1" 1/4 | 80  | 58,7  | 69  | 30,2 | 3 | 11,5 |
| CP 106       | 1" 1/2 | 95  | 69,85 | 77  | 35,7 | 3 | 13,5 |
| CP 108       | 2"     | 103 | 77,8  | 89  | 42,9 | 3 | 13,5 |
| CP 110       | 2" 1/2 | 116 | 89    | 101 | 50,8 | 3 | 13,5 |
| CP 112       | 3"     | 136 | 106,4 | 124 | 62   | 4 | 17   |
| CP 114       | 3" 1/2 | 152 | 120,7 | 136 | 70   | 4 | 17   |
| CP 116       | 4"     | 162 | 130   | 146 | 77,8 | 4 | 17   |
| CP 118       | 5"     | 184 | 152,4 | 180 | 92   | 4 | 17   |

## serie 6000 psi

| Tipo<br>Type | S.A.E. | A   | B     | C   | D    | E | G  |
|--------------|--------|-----|-------|-----|------|---|----|
| CP 401       | 1/2"   | 57  | 40,5  | 47  | 18,3 | 4 | 9  |
| CP 402       | 3/4"   | 71  | 50,8  | 53  | 23,8 | 4 | 11 |
| CP 403       | 1"     | 80  | 57,1  | 66  | 27,8 | 4 | 13 |
| CP 404       | 1" 1/4 | 94  | 66,7  | 77  | 31,6 | 4 | 15 |
| CP 405       | 1" 1/2 | 103 | 79,4  | 89  | 36,5 | 4 | 17 |
| CP 406       | 2"     | 135 | 96,8  | 123 | 44,4 | 4 | 21 |
| CP 408       | 2" 1/2 | 166 | 123,8 | 150 | 58,7 | 4 | 25 |
| CP 410       | 3"     | 208 | 152,4 | 178 | 71,4 | 4 | 32 |

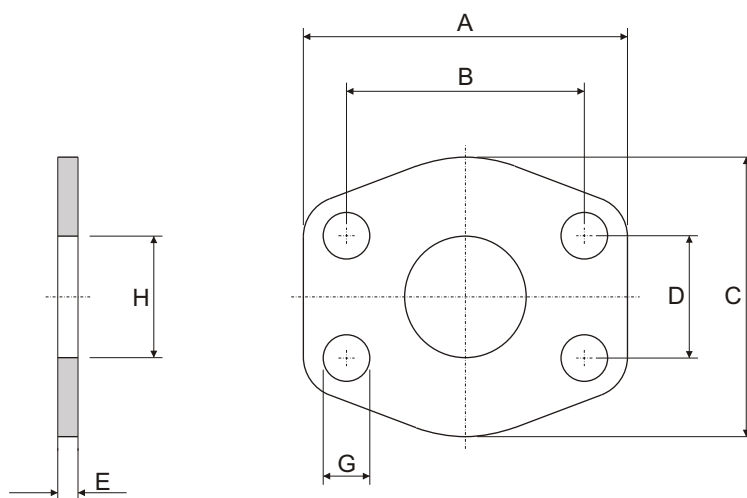
Per ordinazione flange: / Ordering Examples: / Pour commander brides: / Bestellbeispiel für Flansche:

Solo flangia.....CP..  
Only flange.....CP..  
Seulement bride.....CP..  
Nur Flansch.....CP..

Flangia zincata .....CP..ZG  
Zinc Plated Flange .....CP..ZG  
Bride zinguée .....CP..ZG  
Verzinkt Flansche .....CP..ZG

# FLANGIA DI CONNESSIONE

**Connector Flange**  
**Bride de liaison**  
**Zwischenplatte**



## serie 3000 psi

| Tipo<br>Type | S.A.E. | A   | B     | C   | D    | E | G    | H   |
|--------------|--------|-----|-------|-----|------|---|------|-----|
| FP 080       | 1/2"   | 57  | 38    | 47  | 17,5 | 3 | 9    | 13  |
| FP 100       | 3/4"   | 66  | 47,6  | 49  | 22,2 | 3 | 11   | 19  |
| FP 102       | 1"     | 71  | 52,4  | 53  | 26,2 | 3 | 11   | 25  |
| FP 104       | 1" 1/4 | 80  | 58,7  | 69  | 30,2 | 3 | 11,5 | 32  |
| FP 106       | 1" 1/2 | 95  | 69,85 | 77  | 35,7 | 3 | 13,5 | 38  |
| FP 108       | 2"     | 103 | 77,8  | 89  | 42,9 | 3 | 13,5 | 51  |
| FP 110       | 2" 1/2 | 116 | 89    | 101 | 50,8 | 3 | 13,5 | 63  |
| FP 112       | 3"     | 136 | 106,4 | 124 | 62   | 4 | 17   | 73  |
| FP 114       | 3" 1/2 | 152 | 120,7 | 136 | 70   | 4 | 17   | 89  |
| FP 116       | 4"     | 162 | 130   | 146 | 77,8 | 4 | 17   | 99  |
| FP 118       | 5"     | 184 | 152,4 | 180 | 92   | 4 | 17   | 120 |

## serie 6000 psi

| Tipo<br>Type | S.A.E. | A   | B     | C   | D    | E | G  | H  |
|--------------|--------|-----|-------|-----|------|---|----|----|
| FP 401       | 1/2"   | 57  | 40,5  | 47  | 18,3 | 4 | 9  | 13 |
| FP 402       | 3/4"   | 71  | 50,8  | 53  | 23,8 | 4 | 11 | 17 |
| FP 403       | 1"     | 80  | 57,1  | 66  | 27,8 | 4 | 13 | 24 |
| FP 404       | 1" 1/4 | 94  | 66,7  | 77  | 31,6 | 4 | 15 | 31 |
| FP 405       | 1" 1/2 | 103 | 79,4  | 89  | 36,5 | 4 | 17 | 38 |
| FP 406       | 2"     | 135 | 96,8  | 123 | 44,4 | 4 | 21 | 51 |
| FP 408       | 2" 1/2 | 166 | 123,8 | 150 | 58,7 | 4 | 25 | 63 |
| FP 410       | 3"     | 208 | 152,4 | 178 | 71,4 | 4 | 32 | 73 |

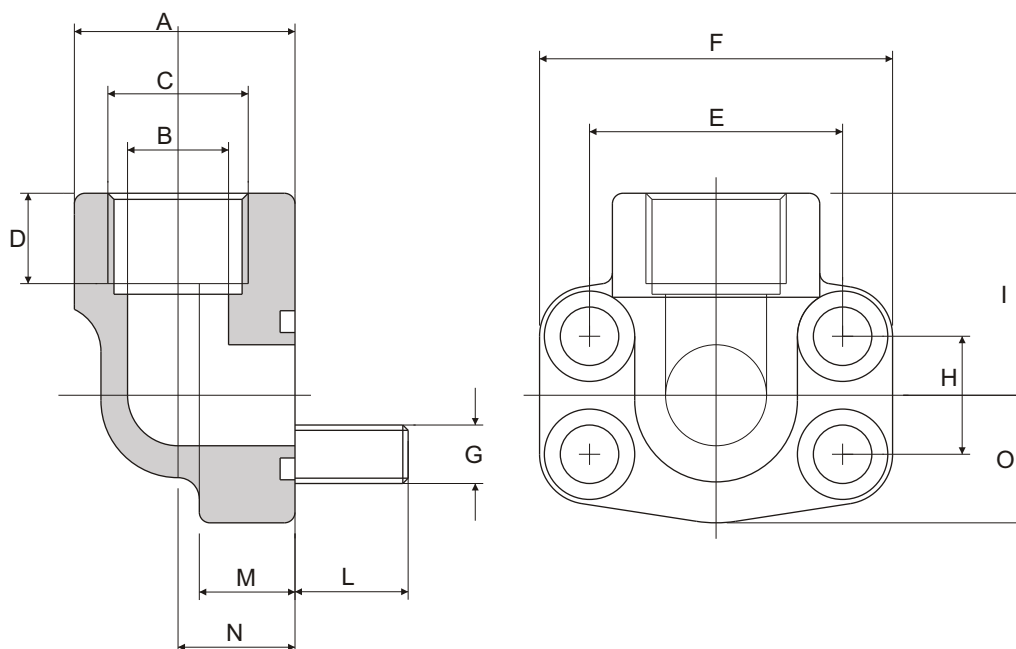
Per ordinazione flange: / Ordering Examples: / Pour commander brides: / Bestellbeispiel für Flansche:

Solo flangia.....CP..  
Only flange.....CP..  
Seulement bride.....CP..  
Nur Flansch.....CP..

Flangia zincata.....CP..ZG  
Zinc Plated Flange.....CP..ZG  
Bride zinguée.....CP..ZG  
Verzinkt Flansche.....CP..ZG

## FLANGIA A 90° FILETTATA GAS

**90° Flanges with BSP thread**  
**Bride à 90° taraudée BSP**  
**90° Flanschverbinder mit Gewinde**



### serie 3000 psi

| Pressione max<br>esercizio bar | Tipo<br>Type    | C<br>S.A.E. | A    | B  | D  | E     | F   | G Viti / Bolts |       | H    | I  | O  | M  | N  | L  | OR<br>O-RING |
|--------------------------------|-----------------|-------------|------|----|----|-------|-----|----------------|-------|------|----|----|----|----|----|--------------|
|                                |                 |             |      |    |    |       |     | Metr.          | UNC   |      |    |    |    |    |    |              |
| 348                            | F.S.280.90°-GAS | 1/2"        | 34   | 13 | 19 | 38    | 57  | M 8            | 5/16" | 17,5 | 36 | 23 | 17 | 18 | 13 | 4075         |
| 348                            | F.S.300.90°-GAS | 3/4"        | 38,5 | 19 | 19 | 47,6  | 68  | M10            | 3/8"  | 22,2 | 38 | 25 | 18 | 22 | 15 | 4100         |
| 348                            | F.S.302.90°-GAS | 1"          | 44,5 | 25 | 19 | 52,4  | 74  | M10            | 3/8"  | 26,2 | 41 | 27 | 19 | 28 | 15 | 4131         |
| 278                            | F.S.304.90°-GAS | 1" 1/4      | 53,5 | 31 | 22 | 58,7  | 81  | M10            | 7/16" | 30,2 | 50 | 34 | 22 | 30 | 17 | 4150         |
| 210                            | F.S.306.90°-GAS | 1" 1/2      | 62,5 | 38 | 24 | 69,85 | 95  | M12            | 1/2"  | 35,7 | 58 | 39 | 25 | 36 | 18 | 4187         |
| 210                            | F.S.308.90°-GAS | 2"          | 77   | 50 | 26 | 77,8  | 105 | M12            | 1/2"  | 42,9 | 65 | 44 | 25 | 41 | 18 | 4225         |
| 175                            | F.S.310.90°-GAS | 2" 1/2      | 89   | 60 | 30 | 88,9  | 115 | M12            | 1/2"  | 50,8 | 77 | 50 | 25 | 50 | 18 | 4275         |

### serie 6000 psi

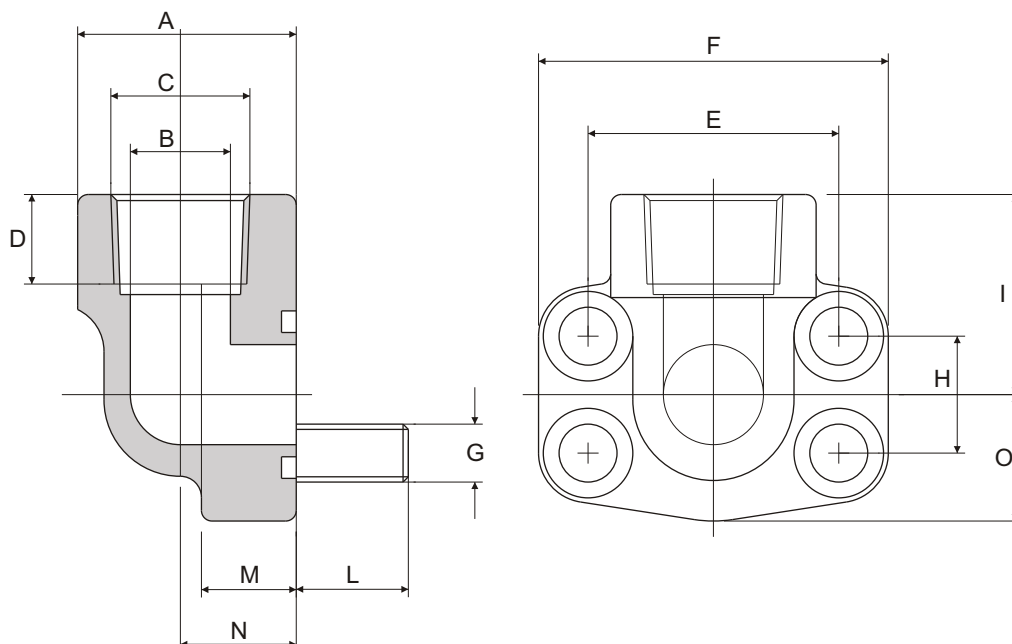
| Pressione max<br>esercizio bar | Tipo<br>Type    | C<br>S.A.E. | A    | B  | D  | E    | F   | G Viti / Bolts |       | H    | I  | O  | M  | N  | L  | OR<br>O-RING |
|--------------------------------|-----------------|-------------|------|----|----|------|-----|----------------|-------|------|----|----|----|----|----|--------------|
|                                |                 |             |      |    |    |      |     | Metr.          | UNC   |      |    |    |    |    |    |              |
| 420                            | F.S.580.90°-GAS | 1/2"        | 34   | 13 | 19 | 40,5 | 57  | M 8            | 5/16" | 18,3 | 36 | 23 | 17 | 18 | 13 | 4075         |
| 420                            | F.S.600.90°-GAS | 3/4"        | 44,5 | 19 | 22 | 50,8 | 72  | M10            | 3/8"  | 23,8 | 41 | 27 | 20 | 28 | 15 | 4100         |
| 420                            | F.S.602.90°-GAS | 1"          | 53,5 | 25 | 24 | 57,1 | 82  | M12            | 7/16" | 27,8 | 50 | 34 | 24 | 30 | 19 | 4131         |
| 420                            | F.S.604.90°-GAS | 1" 1/4      | 62,5 | 31 | 25 | 66,7 | 95  | M14            | 1/2"  | 31,6 | 58 | 39 | 25 | 36 | 21 | 4150         |
| 420                            | F.S.606.90°-GAS | 1" 1/2      | 77   | 38 | 28 | 79,4 | 110 | M16            | 5/8"  | 36,5 | 65 | 44 | 26 | 41 | 25 | 4187         |
| 420                            | F.S.608.90°-GAS | 2"          | 87   | 50 | 34 | 96,8 | 134 | M20            | 3/4"  | 44,4 | 75 | 58 | 35 | 45 | 32 | 4225         |

Per ordinazione flange: / Ordering Examples: / Pour commander brides: / Bestellbeispiel für Flansche:

|                           |                                                                    |                                                                                   |
|---------------------------|--------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| Solo flangia..... FS...G  | Flangia completa di viti UNC, rondelle e OR..... FS...G-U          | Flangia completa di viti metriche, rondelle e OR..... FS...G-M                    |
| Only flange..... FS...G   | Complete flange with UNC screws, washers and o-ring..... FS...G-U  | Complete flange with metric screws, washers and o-ring..... FS...G-M              |
| Seulement bride... FS...G | Bride complete des vis UNC, rondelles et OR..... FS...G-U          | Bride complete des vis métriques, rondelles et OR..... FS...G-M                   |
| Nur Flansch..... FS...G   | Flansch einschl. UNC-Schrauben, Federringen und O-Ring... FS...G-U | Flansch einschl. metrischen Zylinderschrauben, Federringen und O-Ring... FS...G-M |

# FLANGIA A 90° FILETTATA NPT

**NPT 90° Flanges**  
**Bride à 90° taraudée NPT**  
**90° Einschraubflansch NPT**



## serie 3000 psi

| Pressione max<br>esercizio bar | Tipo<br>Type    | C<br>S.A.E. | A    | B  | D  | E     | F   | G Viti / Bolts |       | H    | I  | O  | M  | N  | L  | OR<br>O-RING |
|--------------------------------|-----------------|-------------|------|----|----|-------|-----|----------------|-------|------|----|----|----|----|----|--------------|
|                                |                 |             |      |    |    |       |     | Metr.          | UNC   |      |    |    |    |    |    |              |
| 348                            | F.S.280.90°-NPT | 1/2"        | 34   | 13 | 19 | 38    | 57  | M 8            | 5/16" | 17,5 | 36 | 23 | 17 | 18 | 13 | 4075         |
| 348                            | F.S.300.90°-NPT | 3/4"        | 38,5 | 19 | 19 | 47,6  | 68  | M10            | 3/8"  | 22,2 | 38 | 25 | 18 | 22 | 15 | 4100         |
| 348                            | F.S.302.90°-NPT | 1"          | 44,5 | 25 | 19 | 52,4  | 74  | M10            | 3/8"  | 26,2 | 41 | 27 | 19 | 28 | 15 | 4131         |
| 278                            | F.S.304.90°-NPT | 1" 1/4      | 53,5 | 31 | 22 | 58,7  | 81  | M10            | 7/16" | 30,2 | 50 | 34 | 22 | 30 | 17 | 4150         |
| 210                            | F.S.306.90°-NPT | 1" 1/2      | 62,5 | 38 | 24 | 69,85 | 95  | M12            | 1/2"  | 35,7 | 58 | 39 | 25 | 36 | 18 | 4187         |
| 210                            | F.S.308.90°-NPT | 2"          | 77   | 50 | 26 | 77,8  | 105 | M12            | 1/2"  | 42,9 | 65 | 44 | 25 | 41 | 18 | 4225         |
| 175                            | F.S.310.90°-NPT | 2" 1/2      | 89   | 60 | 30 | 88,9  | 115 | M12            | 1/2"  | 50,8 | 77 | 50 | 25 | 50 | 18 | 4275         |

## serie 6000 psi

| Pressione max<br>esercizio bar | Tipo<br>Type    | C<br>S.A.E. | A    | B  | D  | E    | F   | G Viti / Bolts |       | H    | I  | O  | M  | N  | L  | OR<br>O-RING |
|--------------------------------|-----------------|-------------|------|----|----|------|-----|----------------|-------|------|----|----|----|----|----|--------------|
|                                |                 |             |      |    |    |      |     | Metr.          | UNC   |      |    |    |    |    |    |              |
| 420                            | F.S.580.90°-NPT | 1/2"        | 34   | 13 | 19 | 40,5 | 57  | M 8            | 5/16" | 18,3 | 36 | 23 | 17 | 18 | 13 | 4075         |
| 420                            | F.S.600.90°-NPT | 3/4"        | 44,5 | 19 | 22 | 50,8 | 72  | M10            | 3/8"  | 23,8 | 41 | 27 | 20 | 28 | 15 | 4100         |
| 420                            | F.S.602.90°-NPT | 1"          | 53,5 | 25 | 24 | 57,1 | 82  | M12            | 7/16" | 27,8 | 50 | 34 | 24 | 30 | 19 | 4131         |
| 420                            | F.S.604.90°-NPT | 1" 1/4      | 62,5 | 31 | 25 | 66,7 | 95  | M14            | 1/2"  | 31,6 | 58 | 39 | 25 | 36 | 21 | 4150         |
| 420                            | F.S.606.90°-NPT | 1" 1/2      | 77   | 38 | 28 | 79,4 | 110 | M16            | 5/8"  | 36,5 | 65 | 44 | 26 | 41 | 25 | 4187         |
| 420                            | F.S.608.90°-NPT | 2"          | 87   | 50 | 34 | 96,8 | 134 | M20            | 3/4"  | 44,4 | 75 | 58 | 35 | 45 | 32 | 4225         |

Per ordinazione flange: / Ordering Examples: / Pour commander brides: / Bestellbeispiel für Flansche:

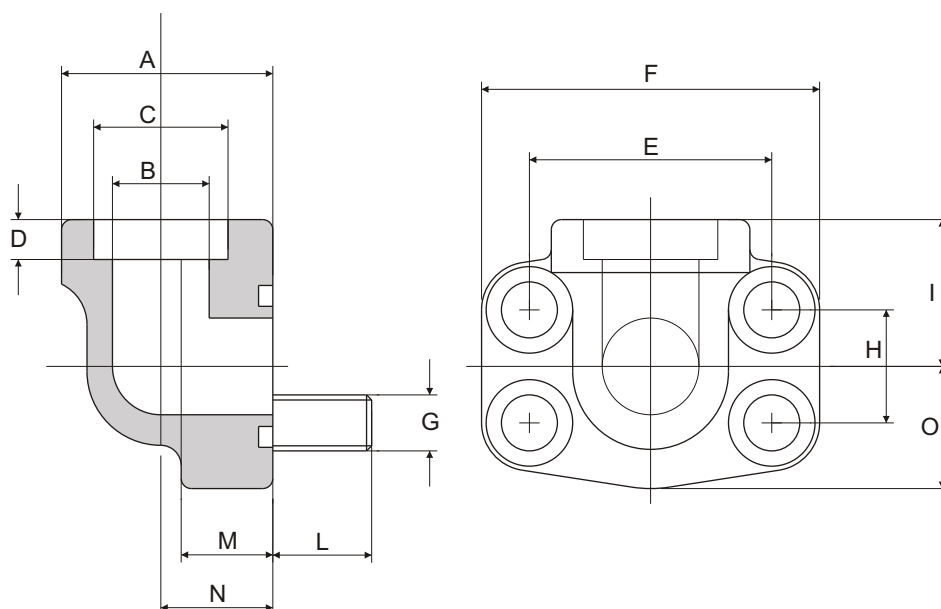
Solo flangia..... FS...N  
 Only flange..... FS...N  
 Seulement bride... FS...N  
 Nur Flansch..... FS...N

Flangia completa di viti UNC, rondelle e OR..... FS...N-U  
 Complete flange with UNC screws, washers and o-ring..... FS...N-U  
 Bride complete des vis UNC, rondelles et OR..... FS...N-U  
 Flansch einschl. UNC-Schrauben, Federringen und O-Ring... FS...N-U

Flangia completa di viti metriche, rondelle e OR..... FS...N-M  
 Complete flange with metrical screws, washers and o-ring..... FS...N-M  
 Bride complete des vis métriques, rondelles et OR..... FS...N-M  
 Flansch einschl. metrischen Zylinderschrauben, Federringen und O-Ring... FS...N-M

# FLANGIA A 90° A SALDARE DI TASCA

90° Flanges socket weld  
Bride à 90° à emmanchement  
90° Flanschverbinder zum Einschweißen



## serie 3000 psi

| Pressione max esercizio bar | Tipo Type     | A    | S.A.E. | B  | C    | D  | E     | F   | G Viti / Bolts |       | H    | I  | O  | M  | N  | L  | OR O-RING |
|-----------------------------|---------------|------|--------|----|------|----|-------|-----|----------------|-------|------|----|----|----|----|----|-----------|
|                             |               |      |        |    |      |    |       |     | Metr.          | UNC   |      |    |    |    |    |    |           |
| 348                         | F.S.280.90°-S | 34   | 1/2"   | 13 | 21,6 | 5  | 38    | 57  | M 8            | 5/16" | 17,5 | 28 | 23 | 17 | 18 | 13 | 4075      |
| 348                         | F.S.300.90°-S | 38,5 | 3/4"   | 19 | 27,2 | 5  | 47,6  | 68  | M10            | 3/8"  | 22,2 | 25 | 25 | 18 | 22 | 15 | 4100      |
| 348                         | F.S.302.90°-S | 44,5 | 1"     | 25 | 34,1 | 6  | 52,4  | 72  | M10            | 3/8"  | 26,2 | 28 | 27 | 19 | 28 | 15 | 4131      |
| 278                         | F.S.304.90°-S | 53,5 | 1" 1/4 | 31 | 42,8 | 7  | 58,7  | 82  | M10            | 7/16" | 30,2 | 34 | 34 | 22 | 30 | 17 | 4150      |
| 210                         | F.S.306.90°-S | 62,5 | 1" 1/2 | 38 | 48,6 | 8  | 69,85 | 95  | M12            | 1/2"  | 35,7 | 43 | 39 | 25 | 36 | 18 | 4187      |
| 210                         | F.S.308.90°-S | 77   | 2"     | 50 | 61   | 10 | 77,8  | 105 | M12            | 1/2"  | 42,9 | 50 | 44 | 25 | 41 | 18 | 4225      |
| 175                         | F.S.310.90°-S | 85   | 2" 1/2 | 60 | 76,6 | 28 | 88,9  | 115 | M12            | 1/2"  | 50,8 | 77 | 50 | 25 | 50 | 18 | 4275      |

## serie 6000 psi

| Pressione max esercizio bar | Tipo Type     | A    | S.A.E. | B  | C    | D  | E    | F   | G Viti / Bolts |       | H    | I  | O  | M  | N  | L  | OR O-RING |
|-----------------------------|---------------|------|--------|----|------|----|------|-----|----------------|-------|------|----|----|----|----|----|-----------|
|                             |               |      |        |    |      |    |      |     | Metr.          | UNC   |      |    |    |    |    |    |           |
| 420                         | F.S.580.90°-S | 34   | 1/2"   | 13 | 21,6 | 5  | 40,5 | 57  | M 8            | 5/16" | 18,3 | 28 | 23 | 17 | 18 | 13 | 4075      |
| 420                         | F.S.600.90°-S | 44,5 | 3/4"   | 19 | 27,2 | 6  | 50,8 | 72  | M10            | 3/8"  | 23,8 | 28 | 27 | 19 | 28 | 15 | 4100      |
| 420                         | F.S.602.90°-S | 53,5 | 1"     | 25 | 34,1 | 7  | 57,1 | 82  | M12            | 7/16" | 27,8 | 34 | 34 | 24 | 30 | 19 | 4131      |
| 420                         | F.S.604.90°-S | 62,5 | 1" 1/4 | 31 | 42,8 | 8  | 66,7 | 95  | M14            | 1/2"  | 31,6 | 43 | 39 | 25 | 36 | 21 | 4150      |
| 420                         | F.S.606.90°-S | 77   | 1" 1/2 | 38 | 48,6 | 10 | 79,4 | 110 | M16            | 5/8"  | 36,5 | 50 | 44 | 26 | 41 | 25 | 4187      |
| 420                         | F.S.608.90°-S | 89   | 2"     | 50 | 61   | 12 | 96,8 | 134 | M20            | 3/4"  | 44,4 | 65 | 58 | 35 | 45 | 32 | 4225      |

Per ordinazione flange: / Ordering Examples: / Pour commander brides: / Bestellbeispiel für Flansche:

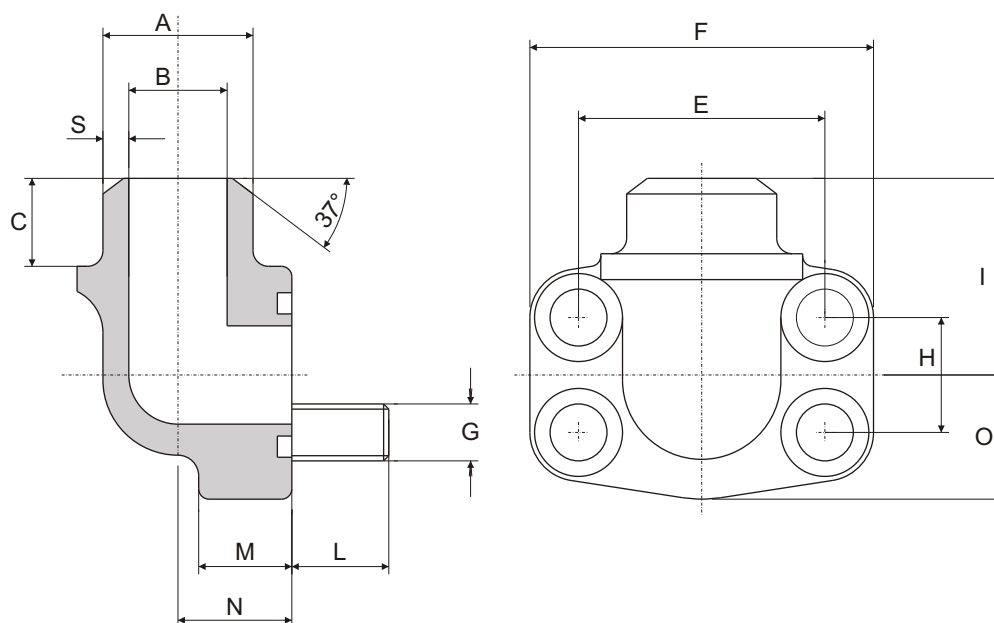
Solo flangia..... FS...S  
Only flange..... FS...S  
Seulement bride.. FS...S  
Nur Flansch..... FS...S

Flangia completa di viti UNC, rondelle e OR..... FS...S-U  
Complete flange with UNC screws, washers and o-ring..... FS...S-U  
Bride complete des vis UNC, rondelles et OR..... FS...S-U  
Flansch einschl. UNC-Schrauben, Federringen und O-Ring... FS...S-U

Flangia completa di viti metriche, rondelle e OR..... FS...S-M  
Complete flange with metrical screws, washers and o-ring..... FS...S-M  
Bride complete des vis métriques, rondelles et OR..... FS...S-M  
Flansch einschl. metrischen Zylinderschrauben, Federringen und O-Ring... FS...S-M

# FLANGIA A 90° A SALDARE DI TESTA

**90° Flanges butt welding**  
**Bride à 90° bout a bout**  
**90° - Winkel-Anschweißflansch**



## serie 3000 psi

| Pressione max<br>esercizio bar | Tipo<br>Type   | A    | S.A.E. | B  | C  | S   | E     | F   | G Viti / Bolts |       | H    | I  | O  | M  | N  | L  | OR<br>O-RING |
|--------------------------------|----------------|------|--------|----|----|-----|-------|-----|----------------|-------|------|----|----|----|----|----|--------------|
|                                |                |      |        |    |    |     |       |     | Metr.          | UNC   |      |    |    |    |    |    |              |
| 348                            | F.S.280.90°-ST | 21,6 | 1/2"   | 13 | 12 | 4,3 | 38    | 57  | M 8            | 5/16" | 17,5 | 40 | 23 | 17 | 18 | 13 | 4075         |
| 348                            | F.S.300.90°-ST | 27,2 | 3/4"   | 19 | 12 | 4,1 | 47,6  | 68  | M 8            | 3/8"  | 22,2 | 41 | 25 | 18 | 22 | 15 | 4100         |
| 348                            | F.S.302.90°-ST | 34,5 | 1"     | 25 | 13 | 4,7 | 52,4  | 74  | M10            | 3/8"  | 26,2 | 50 | 27 | 19 | 28 | 15 | 4131         |
| 278                            | F.S.304.90°-ST | 42,8 | 1" 1/4 | 31 | 13 | 6   | 58,7  | 81  | M10            | 7/16" | 30,2 | 57 | 34 | 22 | 30 | 17 | 4150         |
| 210                            | F.S.306.90°-ST | 48,6 | 1" 1/2 | 38 | 14 | 5,3 | 69,85 | 95  | M10            | 1/2"  | 35,7 | 66 | 39 | 25 | 36 | 18 | 4187         |
| 210                            | F.S.308.90°-ST | 61   | 2"     | 50 | 15 | 5,5 | 77,8  | 105 | M12            | 1/2"  | 42,9 | 66 | 44 | 25 | 41 | 18 | 4225         |
| 175                            | F.S.310.90°-ST | 76,6 | 2" 1/2 | 60 | 25 | 8   | 88,9  | 115 | M12            | 1/2"  | 50,8 | 77 | 50 | 25 | 50 | 18 | 4275         |

## serie 6000 psi

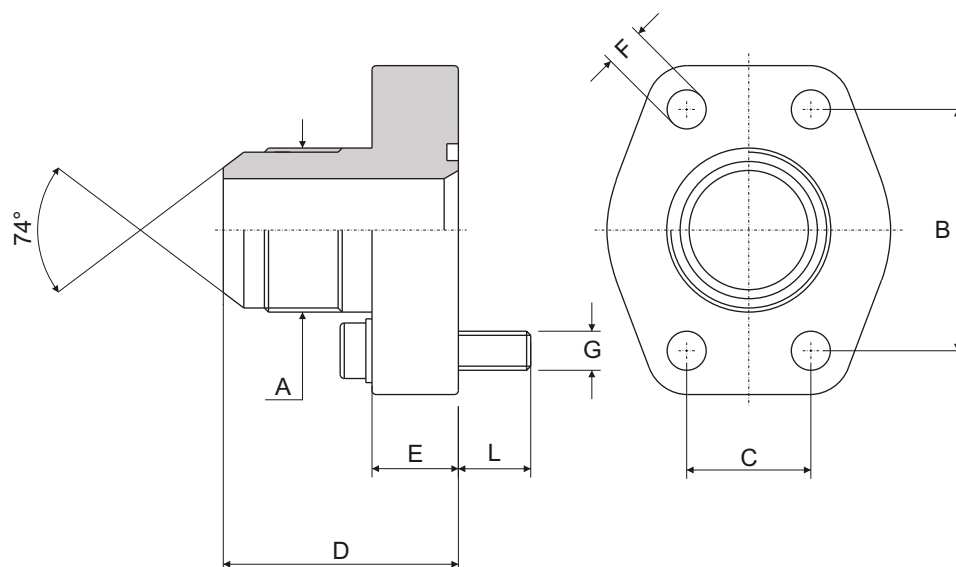
| Pressione max<br>esercizio bar | Tipo<br>Type   | A    | S.A.E. | B  | C  | S   | E    | F   | G Viti / Bolts |       | H    | I  | O  | M  | N  | L  | OR<br>O-RING |
|--------------------------------|----------------|------|--------|----|----|-----|------|-----|----------------|-------|------|----|----|----|----|----|--------------|
|                                |                |      |        |    |    |     |      |     | Metr.          | UNC   |      |    |    |    |    |    |              |
| 420                            | F.S.580.90°-ST | 21,6 | 1/2"   | 13 | 12 | 4,3 | 40,5 | 57  | M 8            | 5/16" | 18,3 | 40 | 23 | 17 | 18 | 13 | 4075         |
| 420                            | F.S.600.90°-ST | 27,2 | 3/4"   | 18 | 12 | 4,6 | 50,8 | 72  | M10            | 3/8"  | 23,8 | 50 | 27 | 20 | 28 | 15 | 4100         |
| 420                            | F.S.602.90°-ST | 34,5 | 1"     | 22 | 13 | 6,3 | 57,1 | 82  | M12            | 7/16" | 27,8 | 57 | 34 | 24 | 30 | 19 | 4131         |
| 420                            | F.S.604.90°-ST | 42,8 | 1" 1/4 | 28 | 13 | 7,4 | 66,7 | 95  | M14            | 1/2"  | 31,6 | 66 | 39 | 25 | 36 | 21 | 4150         |
| 420                            | F.S.606.90°-ST | 48,6 | 1" 1/2 | 32 | 15 | 8,3 | 79,4 | 110 | M16            | 5/8"  | 36,5 | 65 | 44 | 26 | 41 | 25 | 4187         |
| 420                            | F.S.608.90°-ST | 61   | 2"     | 41 | 15 | 10  | 96,8 | 134 | M20            | 3/4"  | 44,4 | 75 | 58 | 35 | 45 | 32 | 4225         |

Per ordinazione flange: / Ordering Examples: / Pour commander brides: / Bestellbeispiel für Flansche:

|                            |                                                                     |                                                                                    |
|----------------------------|---------------------------------------------------------------------|------------------------------------------------------------------------------------|
| Solo flangia..... FS...ST  | Flangia completa di viti UNC, rondelle e OR..... FS...ST-U          | Flangia completa di viti metriche, rondelle e OR..... FS...ST-M                    |
| Only flange..... FS...ST   | Complete flange with UNC screws, washers and o-ring..... FS...ST-U  | Complete flange with metrical screws, washers and o-ring..... FS...ST-M            |
| Seulement bride... FS...ST | Bride complete des vis UNC, rondelles et OR..... FS...ST-U          | Bride complete des vis métriques, rondelles et OR..... FS...ST-M                   |
| Nur Flansch..... FS...ST   | Flansch einschl. UNC-Schrauben, Federringen und O-Ring... FS...ST-U | Flansch einschl. metrischen Zylinderschrauben, Federringen und O-Ring... FS...ST-M |

# FLANGIA DRITTA CON ATTACCO JIC

**Straight flanges to male JIC**  
**Bride taraudée JIC**  
**Gerader Flansch mit JIC-Außengewinde**



## serie 3000 psi

| Pressione max esercizio bar | Tipo Type | S.A.E. | A            | B     | C    | D  | E  | F    | G Viti / Bolts |       | L  | OR O-RING |
|-----------------------------|-----------|--------|--------------|-------|------|----|----|------|----------------|-------|----|-----------|
|                             |           |        |              |       |      |    |    |      | Metr.          | UNC   |    |           |
| 348                         | JIC-080-A | 1/2"   | 3/4" - 16    | 38    | 17,5 | 41 | 16 | 9    | M 8            | 5/16" | 14 | 4075      |
|                             | JIC-080-B |        | 7/8" - 14    |       |      | 41 |    |      |                |       |    |           |
|                             | JIC-080-C |        | 1 1/16" - 12 |       |      | 46 |    |      |                |       |    |           |
| 348                         | JIC-100-A | 3/4"   | 7/8" - 14    | 47,6  | 22,2 | 47 | 18 | 11   | M10            | 3/8"  | 15 | 4100      |
|                             | JIC-100-B |        | 1 1/16" - 12 |       |      | 49 |    |      |                |       |    |           |
|                             | JIC-100-C |        | 1 5/16" - 12 |       |      | 50 |    |      |                |       |    |           |
| 348                         | JIC-102-A | 1"     | 1 1/16" - 12 | 52,4  | 26,2 | 51 | 18 | 11   | M10            | 3/8"  | 15 | 4131      |
|                             | JIC-102-B |        | 1 5/16" - 12 |       |      | 52 |    |      |                |       |    |           |
|                             | JIC-102-C |        | 1 5/8" - 12  |       |      | 54 |    |      |                |       |    |           |
| 278                         | JIC-104-A | 1" 1/4 | 1 5/16" - 12 | 58,7  | 30,2 | 56 | 21 | 11,5 | M10            | 7/16" | 18 | 4150      |
|                             | JIC-104-B |        | 1 5/8" - 12  |       |      | 58 |    |      |                |       |    |           |
|                             | JIC-104-C |        | 1 7/8" - 12  |       |      | 61 |    |      |                |       |    |           |
| 210                         | JIC-106-A | 1" 1/2 | 1 5/8" - 12  | 69,85 | 35,7 | 64 | 24 | 13,5 | M12            | 1/2"  | 20 | 4187      |
|                             | JIC-106-B |        | 1 7/8" - 12  |       |      | 67 |    |      |                |       |    |           |

## serie 6000 psi

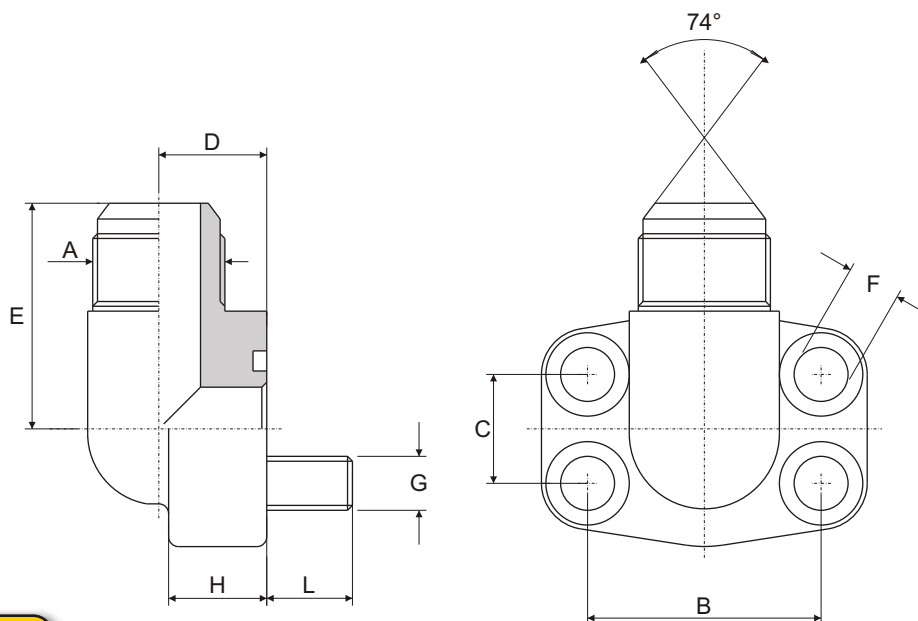
| Pressione max esercizio bar | Tipo Type | S.A.E. | A            | B    | C    | D  | E  | F  | G Viti / Bolts |       | L  | OR O-RING |
|-----------------------------|-----------|--------|--------------|------|------|----|----|----|----------------|-------|----|-----------|
|                             |           |        |              |      |      |    |    |    | Metr.          | UNC   |    |           |
| 420                         | JIC-401-A | 3/8"   | 3/4" - 16    | 40,5 | 18,3 | 42 | 16 | 9  | M 8            | 5/16" | 14 | 4075      |
|                             | JIC-401-B |        | 7/8" - 14    |      |      | 45 |    |    |                |       |    |           |
|                             | JIC-401-C |        | 1 1/16" - 12 |      |      | 47 |    |    |                |       |    |           |
| 420                         | JIC-402-A | 3/4"   | 7/8" - 14    | 50,8 | 23,8 | 49 | 18 | 11 | M10            | 3/8"  | 15 | 4100      |
|                             | JIC-402-B |        | 1 1/16" - 12 |      |      | 51 |    |    |                |       |    |           |
|                             | JIC-402-C |        | 1 5/16" - 12 |      |      | 52 |    |    |                |       |    |           |
| 420                         | JIC-403-A | 1"     | 1 1/16" - 12 | 57,1 | 27,8 | 58 | 21 | 13 | M12            | 7/16" | 18 | 4131      |
|                             | JIC-403-B |        | 1 5/16" - 12 |      |      | 59 |    |    |                |       |    |           |
|                             | JIC-403-C |        | 1 5/8" - 12  |      |      | 61 |    |    |                |       |    |           |
| 420                         | JIC-404-A | 1" 1/4 | 1 5/16" - 12 | 66,7 | 31,6 | 64 | 24 | 15 | M14            | 1/2"  | 20 | 4150      |
|                             | JIC-404-B |        | 1 5/8" - 12  |      |      | 66 |    |    |                |       |    |           |
|                             | JIC-404-C |        | 1 7/8" - 12  |      |      | 69 |    |    |                |       |    |           |
| 420                         | JIC-405-A | 1" 1/2 | 1 5/8" - 12  | 79,4 | 36,5 | 70 | 27 | 17 | M16            | 5/8"  | 20 | 4187      |
|                             | JIC-405-B |        | 1 7/8" - 12  |      |      | 73 |    |    |                |       |    |           |

Per ordinazione flange: / Ordering Examples: / Pour commander brides: / Bestellbeispiel für Flansche:

Solo flangia..... JIC...ABC Flangia completa di viti UNC, rondelle e OR ..... JIC...ABC-U Flangia completa di viti metriche, rondelle e OR ..... JIC...ABC-M  
 Only flange..... JIC...ABC Complete flange with UNC screws, washers and o-ring..... JIC...ABC-U Complete flange with metrical screws, washers and o-ring ..... JIC...ABC-M  
 Seulement bride... JIC...ABC Bride complete des vis UNC, rondelles et OR..... JIC...ABC-U Bride complete des vis métriques, rondelles et OR..... JIC...ABC-M  
 Nur Flansch..... JIC...ABC Flansch einschl. UNC-Schrauben, Federringen und O-Ring... JIC...ABC-U Flansch einschl. metrischen Zylinderschrauben, Federringen und O-Ring... JIC...ABC-M

# FLANGIA A 90° CON ATTACCO JIC

**90° Flanges to male JIC**  
**Bride à 90° taraudée JIC**  
**90° Winkelflansch mit JIC-Außengewinde**



## serie 3000 psi

| Pressione max<br>esercizio bar | Tipo<br>Type  | S.A.E. | A            | B     | C    | D  | E  | F    | G Viti / Bolts |       | H  | L  | OR<br>O-RING |
|--------------------------------|---------------|--------|--------------|-------|------|----|----|------|----------------|-------|----|----|--------------|
|                                |               |        |              |       |      |    |    |      | Metr.          | UNC   |    |    |              |
| 348                            | JIC-300-90°-A | 1/2"   | 3/4" - 16    | 38    | 17,5 | 17 | 40 | 9    | M 8            | 5/16" | 16 | 14 | 4075         |
|                                | JIC-300-90°-B |        | 7/8" - 14    |       |      | 17 | 42 |      |                |       |    |    |              |
|                                | JIC-300-90°-C |        | 1 1/16" - 12 |       |      | 20 | 43 |      |                |       |    |    |              |
| 348                            | JIC-301-90°-A | 3/4"   | 7/8" - 14    | 47,6  | 22,2 | 20 | 45 | 11   | M10            | 3/8"  | 18 | 14 | 4100         |
|                                | JIC-301-90°-B |        | 1 1/16" - 12 |       |      | 20 | 47 |      |                |       |    |    |              |
|                                | JIC-301-90°-C |        | 1 5/16" - 12 |       |      | 25 | 48 |      |                |       |    |    |              |
| 348                            | JIC-302-90°-A | 1"     | 1 1/16" - 12 | 52,4  | 26,2 | 20 | 50 | 11   | M10            | 3/8"  | 19 | 15 | 4131         |
|                                | JIC-302-90°-B |        | 1 5/16" - 12 |       |      | 25 | 51 |      |                |       |    |    |              |
|                                | JIC-304-90°-A |        | 1 5/16" - 12 |       |      | 25 | 56 |      |                |       |    |    |              |
| 278                            | JIC-304-90°-B | 1" 1/4 | 1 5/8" - 12  | 58,7  | 30,2 | 31 | 58 | 11,5 | M10            | 7/16" | 22 | 18 | 4150         |
|                                | JIC-304-90°-C |        | 1 7/8" - 12  |       |      | 37 | 61 |      |                |       |    |    |              |
|                                | JIC-306-90°-A |        | 1 5/8" - 12  |       |      | 31 | 63 |      |                |       |    |    |              |
| 210                            | JIC-306-90°-B | 1" 1/2 | 1 7/8" - 12  | 69,85 | 35,7 | 37 | 66 | 13,5 | M12            | 1/2"  | 25 | 20 | 4187         |
|                                | JIC-306-90°-C |        | 1 7/8" - 12  |       |      | 37 | 66 |      |                |       |    |    |              |

## serie 6000 psi

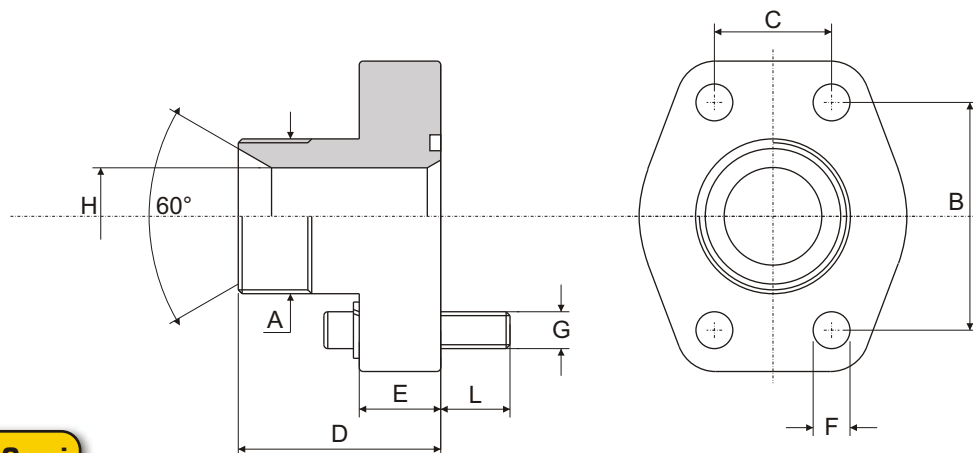
| Pressione max<br>esercizio bar | Tipo<br>Type  | S.A.E. | A            | B    | C    | D  | E  | F  | G Viti / Bolts |       | H  | L  | OR<br>O-RING |
|--------------------------------|---------------|--------|--------------|------|------|----|----|----|----------------|-------|----|----|--------------|
|                                |               |        |              |      |      |    |    |    | Metr.          | UNC   |    |    |              |
| 420                            | JIC-600-90°-A | 1/2"   | 3/4" - 16    | 40,5 | 18,3 | 17 | 40 | 9  | M 8            | 5/16" | 16 | 14 | 4075         |
|                                | JIC-600-90°-B |        | 7/8" - 14    |      |      | 17 | 42 |    |                |       |    |    |              |
|                                | JIC-600-90°-C |        | 1 1/16" - 12 |      |      | 20 | 43 |    |                |       |    |    |              |
| 420                            | JIC-601-90°-A | 3/4"   | 7/8" - 14    | 50,8 | 23,8 | 20 | 49 | 11 | M10            | 3/8"  | 19 | 14 | 4100         |
|                                | JIC-601-90°-B |        | 1 1/16" - 12 |      |      | 20 | 51 |    |                |       |    |    |              |
|                                | JIC-601-90°-C |        | 1 5/16" - 12 |      |      | 25 | 52 |    |                |       |    |    |              |
| 420                            | JIC-602-90°-A | 1"     | 1 1/16" - 12 | 57,1 | 27,8 | 25 | 55 | 13 | M12            | 7/16" | 24 | 18 | 4131         |
|                                | JIC-602-90°-B |        | 1 5/16" - 12 |      |      | 25 | 56 |    |                |       |    |    |              |
|                                | JIC-602-90°-C |        | 1 5/8" - 12  |      |      | 31 | 58 |    |                |       |    |    |              |
| 420                            | JIC-604-90°-A | 1" 1/4 | 1 5/16" - 12 | 66,7 | 31,6 | 31 | 56 | 15 | M14            | 1/2"  | 25 | 18 | 4150         |
|                                | JIC-604-90°-B |        | 1 5/8" - 12  |      |      | 31 | 63 |    |                |       |    |    |              |
|                                | JIC-604-90°-C |        | 1 7/8" - 12  |      |      | 37 | 63 |    |                |       |    |    |              |
| 420                            | JIC-606-90°-A | 1" 1/2 | 1 5/8" - 12  | 79,4 | 36,5 | 37 | 67 | 17 | M16            | 5/8"  | 26 | 20 | 4187         |
|                                | JIC-606-90°-B |        | 1 7/8" - 12  |      |      | 37 | 70 |    |                |       |    |    |              |

Per ordinazione flange: / Ordering Examples: / Pour commander brides: / Bestellbeispiel für Flansche:

Solo flangia..... JIC...ABC Flangia completa di viti UNC, rondelle e OR ..... JIC...ABC-U Flangia completa di viti metriche, rondelle e OR ..... JIC...ABC-M  
 Only flange..... JIC...ABC Complete flange with UNC screws, washers and o-ring ..... JIC...ABC-U Complete flange with metrical screws, washers and o-ring ..... JIC...ABC-M  
 Seulement bride... JIC...ABC Bride complete des vis UNC, rondelles et OR ..... JIC...ABC-U Bride complete des vis métriques, rondelles et OR ..... JIC...ABC-M  
 Nur Flansch..... JIC...ABC Flansch einschl. UNC-Schrauben, Federringen und O-Ring... JIC...ABC-U Flansch einschl. metrischen Zylinderschrauben, Federringen und O-Ring... JIC...ABC-M

# FLANGIA DRITTA FILETTATA GAS ESTERNO

**Straight flanges  
to BSP male  
Bride taraudée BSP mâle  
Gerader Flansch mit BSP-Aussengewinde**



## serie 3000 psi

| Pressione max<br>esercizio bar | Tipo<br>Type | S.A.E. | A      | B     | C    | D  | E  | F    | G Viti / Bolts |       | H  | L  | OR<br>O-RING |
|--------------------------------|--------------|--------|--------|-------|------|----|----|------|----------------|-------|----|----|--------------|
|                                |              |        |        |       |      |    |    |      | Metr.          | UNC   |    |    |              |
| 348                            | FGE-080-A    | 1/2"   | 3/8"   | 38    | 17,5 | 37 | 16 | 9    | M 8            | 5/16" | 10 | 14 | 4075         |
|                                | FGE-080-B    |        | 1/2"   |       |      | 39 |    |      |                |       | 12 |    |              |
|                                | FGE-080-C    |        | 3/4"   |       |      | 42 |    |      |                |       | 13 |    |              |
| 348                            | FGE-100-A    | 3/4"   | 1/2"   | 47,6  | 22,2 | 42 | 18 | 11   | M10            | 3/8"  | 12 | 14 | 4100         |
|                                | FGE-100-B    |        | 3/4"   |       |      | 45 |    |      |                |       | 17 |    |              |
|                                | FGE-100-C    |        | 1"     |       |      | 47 |    |      |                |       | 19 |    |              |
| 348                            | FGE-102-A    | 1"     | 3/4"   | 52,4  | 26,2 | 47 | 18 | 11   | M10            | 3/8"  | 17 | 14 | 4131         |
|                                | FGE-102-B    |        | 1"     |       |      | 49 |    |      |                |       | 22 |    |              |
|                                | FGE-102-C    |        | 1" 1/4 |       |      | 49 |    |      |                |       | 25 |    |              |
| 278                            | FGE-104-A    | 1" 1/4 | 1"     | 58,7  | 30,2 | 53 | 21 | 11,5 | M10            | 7/16" | 22 | 18 | 4150         |
|                                | FGE-104-B    |        | 1" 1/4 |       |      | 53 |    |      |                |       | 27 |    |              |
|                                | FGE-104-C    |        | 1" 1/2 |       |      | 55 |    |      |                |       | 31 |    |              |
| 210                            | FGE-106-A    | 1" 1/2 | 1" 1/4 | 69,85 | 35,7 | 59 | 24 | 13,5 | M12            | 1/2"  | 27 | 18 | 4187         |
|                                | FGE-106-B    |        | 1" 1/2 |       |      | 61 |    |      |                |       | 34 |    |              |
|                                | FGE-106-C    |        | 2"     |       |      | 63 |    |      |                |       | 38 |    |              |
| 210                            | FGE-108-A    | 2"     | 1" 1/2 | 77,8  | 42,9 | 69 | 25 | 13,5 | M12            | 1/2"  | 34 | 19 | 4225         |
|                                | FGE-108-B    |        | 2"     |       |      |    |    |      |                |       | 42 |    |              |

## serie 6000 psi

| Pressione max<br>esercizio bar | Tipo<br>Type | S.A.E. | A      | B    | C    | D  | E  | F  | G Viti / Bolts |       | H  | L  | OR<br>O-RING |
|--------------------------------|--------------|--------|--------|------|------|----|----|----|----------------|-------|----|----|--------------|
|                                |              |        |        |      |      |    |    |    | Metr.          | UNC   |    |    |              |
| 420                            | FGE-401-A    | 1/2"   | 3/8"   | 40,5 | 18,2 | 38 | 16 | 9  | M 8            | 5/16" | 10 | 14 | 4075         |
|                                | FGE-401-B    |        | 1/2"   |      |      | 40 |    |    |                |       | 12 |    |              |
|                                | FGE-401-C    |        | 3/4"   |      |      | 43 |    |    |                |       | 13 |    |              |
| 420                            | FGE-402-A    | 3/4"   | 1/2"   | 50,8 | 23,8 | 44 | 18 | 11 | M10            | 3/8"  | 12 | 14 | 4100         |
|                                | FGE-402-B    |        | 3/4"   |      |      | 47 |    |    |                |       | 17 |    |              |
|                                | FGE-402-C    |        | 1"     |      |      | 49 |    |    |                |       | 19 |    |              |
| 420                            | FGE-403-A    | 1"     | 3/4"   | 57,1 | 27,8 | 54 | 21 | 13 | M12            | 7/16" | 17 | 18 | 4131         |
|                                | FGE-403-B    |        | 1"     |      |      | 56 |    |    |                |       | 22 |    |              |
|                                | FGE-403-C    |        | 1" 1/4 |      |      | 56 |    |    |                |       | 25 |    |              |
| 420                            | FGE-404-A    | 1" 1/4 | 1"     | 66,7 | 31,6 | 61 | 24 | 15 | M14            | 1/2"  | 22 | 18 | 4150         |
|                                | FGE-404-B    |        | 1" 1/4 |      |      | 61 |    |    |                |       | 27 |    |              |
|                                | FGE-404-C    |        | 1" 1/2 |      |      | 63 |    |    |                |       | 31 |    |              |
| 420                            | FGE-405-A    | 1" 1/2 | 1" 1/4 | 79,4 | 36,5 | 65 | 27 | 17 | M16            | 5/8"  | 27 | 20 | 4187         |
|                                | FGE-405-B    |        | 1" 1/2 |      |      | 67 |    |    |                |       | 32 |    |              |

Per ordinazione flange: / Ordering Examples: / Pour commander brides: / Bestellbeispiel für Flansche:

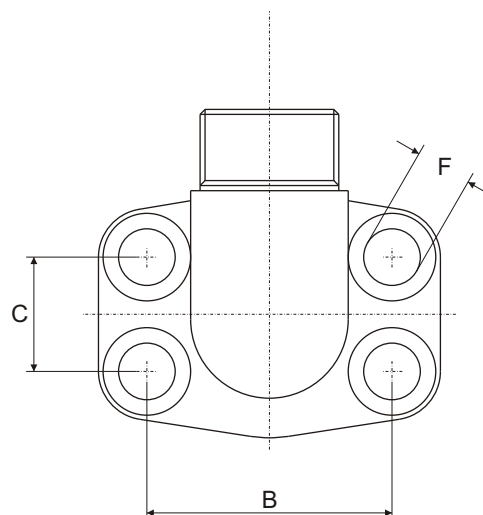
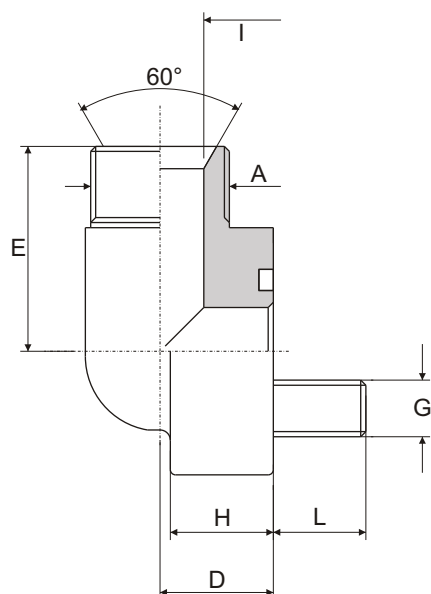
Solo flangia.....FGE...ABC Flangia completa di viti UNC, rondelle e OR.....FGE...ABC-U Flangia completa di viti metriche, rondelle e OR.....FGE...ABC-M  
 Only flange.....FGE...ABC Complete flange with UNC screws, washers and o-ring.....FGE...ABC-U Complete flange with metrical screws, washers and o-ring.....FGE...ABC-M  
 Seulement bride..FGE...ABC Bride complete des vis UNC, rondelles et OR.....FGE...ABC-U Bride complete des vis métriques, rondelles et OR.....FGE...ABC-M  
 Nur Flansch.....FGE...ABC Flansch einschl. UNC-Schrauben, Federringen und O-Ring..FGE...ABC-U Flansch einschl. metrischen Zylinderschrauben, Federringen und O-Ring..FGE...ABC-M

# FLANGIA A 90° FILETTATA GAS ESTERNO

90° Flanges  
to BSP male

Bride à 90° taraudée BSP mâle

90° Winkelflansch mit BSP-Außengewinde



## serie 3000 psi

| Pressione max<br>esercizio bar | Tipo<br>Type  | S.A.E. | A      | B     | C    | D  | E  | F    | G Viti / Bolts |       | H  | I  | L  | OR<br>O-RING |
|--------------------------------|---------------|--------|--------|-------|------|----|----|------|----------------|-------|----|----|----|--------------|
|                                |               |        |        |       |      |    |    |      | Metr.          | UNC   |    |    |    |              |
| 348                            | FGE-300-90°-A | 1/2"   | 3/8"   | 38    | 17,5 | 17 | 37 | 9    | M 8            | 5/16" | 16 | 10 | 14 | 4075         |
|                                | FGE-300-90°-B |        | 1/2"   |       |      | 17 | 39 |      |                |       |    | 12 |    |              |
|                                | FGE-300-90°-C |        | 3/4"   |       |      | 20 | 40 |      |                |       |    | 13 |    |              |
| 348                            | FGE-301-90°-A | 3/4"   | 1/2"   | 47,6  | 22,2 | 20 | 41 | 11   | M10            | 3/8"  | 18 | 12 | 14 | 4100         |
|                                | FGE-301-90°-B |        | 3/4"   |       |      | 20 | 44 |      |                |       |    | 17 |    |              |
|                                | FGE-301-90°-C |        | 1"     |       |      | 25 | 45 |      |                |       |    | 19 |    |              |
| 348                            | FGE-302-90°-A | 1"     | 3/4"   | 52,4  | 26,2 | 20 | 47 | 11   | M10            | 3/8"  | 19 | 17 | 14 | 4131         |
|                                | FGE-302-90°-B |        | 1"     |       |      | 25 | 48 |      |                |       |    | 22 |    |              |
|                                | FGE-302-90°-C |        | 1" 1/4 |       |      | 31 | 49 |      |                |       |    | 25 |    |              |
| 278                            | FGE-304-90°-A | 1" 1/4 | 1"     | 58,7  | 30,2 | 25 | 54 | 11,5 | M10            | 7/16" | 22 | 22 | 18 | 4150         |
|                                | FGE-304-90°-B |        | 1" 1/4 |       |      | 31 | 55 |      |                |       |    | 27 |    |              |
|                                | FGE-304-90°-C |        | 1" 1/2 |       |      | 37 | 56 |      |                |       |    | 31 |    |              |
| 210                            | FGE-306-90°-A | 1" 1/2 | 1" 1/4 | 69,85 | 35,7 | 31 | 59 | 13,5 | M12            | 1/2"  | 25 | 27 | 18 | 4187         |
|                                | FGE-306-90°-B |        | 1" 1/2 |       |      | 37 | 61 |      |                |       |    | 34 |    |              |

## serie 6000 psi

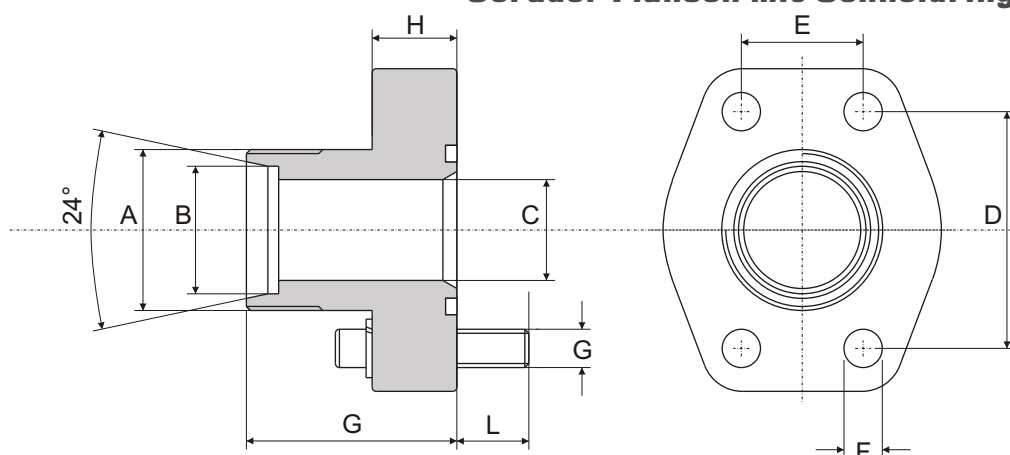
| Pressione max<br>esercizio bar | Tipo<br>Type  | S.A.E. | A      | B    | C    | D  | E  | F  | G Viti / Bolts |       | H  | I  | L  | OR<br>O-RING |
|--------------------------------|---------------|--------|--------|------|------|----|----|----|----------------|-------|----|----|----|--------------|
|                                |               |        |        |      |      |    |    |    | Metr.          | UNC   |    |    |    |              |
| 420                            | FGE-600-90°-A | 1/2"   | 3/8"   | 40,5 | 18,2 | 17 | 37 | 9  | M 8            | 5/16" | 16 | 10 | 14 | 4075         |
|                                | FGE-600-90°-B |        | 1/2"   |      |      | 17 | 39 |    |                |       |    | 12 |    |              |
|                                | FGE-600-90°-C |        | 3/4"   |      |      | 20 | 40 |    |                |       |    | 13 |    |              |
| 420                            | FGE-601-90°-A | 3/4"   | 1/2"   | 50,8 | 23,8 | 20 | 45 | 11 | M10            | 3/8"  | 19 | 12 | 14 | 4100         |
|                                | FGE-601-90°-B |        | 3/4"   |      |      | 20 | 48 |    |                |       |    | 17 |    |              |
|                                | FGE-601-90°-C |        | 1"     |      |      | 25 | 50 |    |                |       |    | 19 |    |              |
| 420                            | FGE-602-90°-A | 1"     | 3/4"   | 57,1 | 27,8 | 25 | 52 | 13 | M12            | 7/16" | 24 | 17 | 18 | 4131         |
|                                | FGE-602-90°-B |        | 1"     |      |      | 25 | 54 |    |                |       |    | 22 |    |              |
|                                | FGE-602-90°-C |        | 1" 1/4 |      |      | 31 | 55 |    |                |       |    | 25 |    |              |
| 420                            | FGE-604-90°-A | 1" 1/4 | 1"     | 66,7 | 31,6 | 31 | 59 | 15 | M14            | 1/2"  | 25 | 22 | 18 | 4150         |
|                                | FGE-604-90°-B |        | 1" 1/4 |      |      | 31 | 59 |    |                |       |    | 27 |    |              |
|                                | FGE-604-90°-C |        | 1" 1/2 |      |      | 37 | 61 |    |                |       |    | 31 |    |              |
| 420                            | FGE-606-90°-A | 1" 1/2 | 1" 1/4 | 79,4 | 36,5 | 37 | 64 | 17 | M16            | 5/8"  | 26 | 27 | 20 | 4187         |
|                                | FGE-606-90°-B |        | 1" 1/2 |      |      | 37 | 66 |    |                |       |    | 32 |    |              |

Per ordinazione flange: / Ordering Examples: / Pour commander brides: / Bestellbeispiel für Flansche:

Solo flangia..... FGE...ABC Flangia completa di viti UNC, rondelle e OR..... FGE...ABC-U Flangia completa di viti metriche, rondelle e OR..... FGE...ABC-M  
 Only flange..... FGE...ABC Complete flange with UNC screws, washers and o-ring..... FGE...ABC-U Complete flange with metric screws, washers and o-ring..... FGE...ABC-M  
 Seulement bride... FGE...ABC Bride complete des vis UNC, rondelles et OR..... FGE...ABC-U Bride complete des vis métriques, rondelles et OR..... FGE...ABC-M  
 Nur Flansch..... FGE...ABC Flansch einschl. UNC-Schrauben, Federringen und O-Ring..... FGE...ABC-U Flansch einschl. metrischen Zylinderschrauben, Federringen und O-Ring..... FGE...ABC-M

# FLANGIA FILETTATA METRICA DIN 2353

**Flanges with metric thread according with DIN 2353**  
**Bride taraudée métrique DIN 2353**  
**Gerader Flansch mit Schneidring-Anschluß nach DIN 2353**



La misura "B" può essere variata a seconda delle esigenze del cliente.  
 Measurement "B" can be changed according to customer's requests.  
 La mesure "B" peut être changé selon les exigences de la clientèle.  
 Auch für andere abmessungen "B" nach Vorgabe Lieferbar.

## serie 3000 psi

| Pressione max esercizio bar | Tipo Type   | S.A.E. | A      | B  | C  | D     | E    | F    | G  | H  | G Viti / Bolts |       | L  | OR O-RING |
|-----------------------------|-------------|--------|--------|----|----|-------|------|------|----|----|----------------|-------|----|-----------|
|                             |             |        |        |    |    |       |      |      |    |    | Metr.          | UNC   |    |           |
| 348                         | FME-080-12S | 1/2"   | 20x1,5 | 12 | 8  | 38    | 17,5 | 9    | 47 | 16 | M 8            | 5/16" | 14 | 4075      |
|                             | FME-080-15L |        | 22x1,5 | 15 | 11 |       |      |      |    |    |                |       |    |           |
|                             | FME-080-16S |        | 24x1,5 | 16 | 12 |       |      |      |    |    |                |       |    |           |
| 348                         | FME-100-16S | 3/4"   | 24x1,5 | 16 | 12 | 47,6  | 22,2 | 11   | 52 | 18 | M10            | 3/8"  | 14 | 4100      |
|                             | FME-100-20S |        | 30x2   | 20 | 16 |       |      |      |    |    |                |       |    |           |
|                             | FME-100-22L |        | 30x2   | 22 | 18 |       |      |      |    |    |                |       |    |           |
| 348                         | FME-102-20S | 1"     | 30x2   | 20 | 16 | 52,4  | 26,2 | 11   | 55 | 18 | M10            | 3/8"  | 14 | 4131      |
|                             | FME-102-25S |        | 36x2   | 25 | 20 |       |      |      |    |    |                |       |    |           |
|                             | FME-102-28L |        | 36x2   | 28 | 23 |       |      |      |    |    |                |       |    |           |
| 278                         | FME-104-25S | 1" 1/4 | 36x2   | 25 | 20 | 48,7  | 30,2 | 11,5 | 60 | 21 | M10            | 7/16" | 18 | 4150      |
|                             | FME-104-30S |        | 42x2   | 30 | 25 |       |      |      |    |    |                |       |    |           |
|                             | FME-104-35L |        | 45x2   | 35 | 30 |       |      |      |    |    |                |       |    |           |
| 210                         | FME-106-35L | 1" 1/2 | 45x2   | 35 | 30 | 69,85 | 35,7 | 13,5 | 70 | 25 | M12            | 1/2"  | 18 | 4187      |
|                             | FME-106-38S |        | 52x2   | 38 | 32 |       |      |      |    |    |                |       |    |           |
|                             | FME-106-42L |        | 52x2   | 42 | 36 |       |      |      |    |    |                |       |    |           |
| 210                         | FME-108-42L | 2"     | 52x2   | 42 | 32 | 77,8  | 42,9 | 13,5 | 74 | 25 | M12            | 1/2"  | 18 | 4225      |
|                             | FME-108-38S |        | 52x2   | 38 | 36 |       |      |      |    |    |                |       |    |           |

## serie 6000 psi

| Pressione max esercizio bar | Tipo Type   | S.A.E. | A      | B  | C  | D    | E    | F  | G  | H  | G Viti / Bolts |       | L  | OR O-RING |
|-----------------------------|-------------|--------|--------|----|----|------|------|----|----|----|----------------|-------|----|-----------|
|                             |             |        |        |    |    |      |      |    |    |    | Metr.          | UNC   |    |           |
| 420                         | FME-401-12S | 1/2"   | 20x1,5 | 12 | 8  | 40,5 | 18,3 | 9  | 47 | 16 | M 8            | 5/16" | 14 | 4075      |
|                             | FME-401-14S |        | 22x1,5 | 14 | 10 |      |      |    |    |    |                |       |    |           |
|                             | FME-401-16S |        | 24x1,5 | 16 | 12 |      |      |    |    |    |                |       |    |           |
| 420                         | FME-402-16S | 3/4"   | 24x1,5 | 16 | 12 | 50,8 | 23,8 | 11 | 52 | 18 | M10            | 3/8"  | 14 | 4100      |
|                             | FME-402-20S |        | 30x2   | 20 | 16 |      |      |    |    |    |                |       |    |           |
|                             | FME-402-22L |        | 30x2   | 22 | 18 |      |      |    |    |    |                |       |    |           |
| 420                         | FME-403-20S | 1"     | 30x2   | 20 | 16 | 57,1 | 27,8 | 13 | 60 | 21 | M12            | 7/16" | 14 | 4131      |
|                             | FME-403-25S |        | 36x2   | 25 | 20 |      |      |    |    |    |                |       |    |           |
|                             | FME-403-28L |        | 36x2   | 28 | 23 |      |      |    |    |    |                |       |    |           |
| 420                         | FME-404-25S | 1" 1/4 | 36x2   | 25 | 20 | 66,7 | 31,6 | 15 | 68 | 24 | M14            | 1/2"  | 18 | 4150      |
|                             | FME-404-30S |        | 42x2   | 30 | 25 |      |      |    |    |    |                |       |    |           |
|                             | FME-404-35L |        | 45x2   | 35 | 30 |      |      |    |    |    |                |       |    |           |
| 420                         | FME-405-30S | 1" 1/2 | 42x2   | 30 | 25 | 79,4 | 36,5 | 17 | 72 | 27 | M16            | 5/8"  | 20 | 4187      |
|                             | FME-405-38S |        | 52x2   | 38 | 32 |      |      |    |    |    |                |       |    |           |
|                             | FME-405-42L |        | 52x2   | 42 | 36 |      |      |    |    |    |                |       |    |           |

Per ordinazione flange: / Ordering Examples: / Pour commander brides: / Bestellbeispiel für Flansche:

Solo flangia..... FME...  
 Only flange..... FME...  
 Seulement bride... FME...  
 Nur Flansch..... FME...

Flangia completa di viti UNC, rondelle e OR..... FME...U  
 Complete flange with UNC screws, washers and o-ring..... FME...U  
 Bride complete des vis UNC, rondelles et OR..... FME...U  
 Flansch einschl. UNC-Schrauben, Federringen und O-Ring.. FME...U

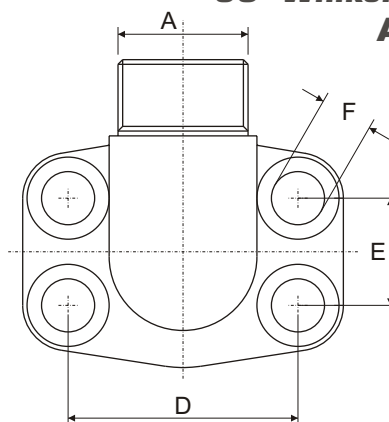
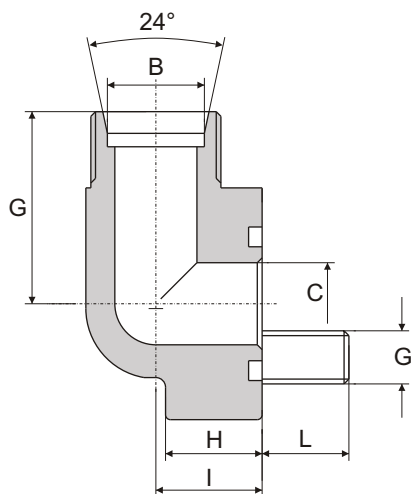
Flangia completa di viti metriche, rondelle e OR..... FME...M  
 Complete flange with metrical screws, washers and o-ring..... FME...M  
 Bride complete des vis métriques, rondelles et OR..... FME...M  
 Flansch einschl. metrischen Zylinderschrauben, Federringen und O-Ring.. FME...M

# FLANGIA A 90° FILETTATA METRICA DIN 2353 — 90° Flanges with metric

thread in according with DIN 2353

Bride à 90° taradée métrique DIN 2353

90° Winkelflansch mit Schneidring-Anschluß nach DIN 2353



La misura "B" può essere variata a seconda delle esigenze del cliente.  
Measurement "B" can be changed according to customer's requests.  
La mesure "B" peut être changé selon les exigences de la clientèle.  
Auch für andere abmessungen "B" nach vorgabe Lieferbar.

## serie 3000 psi

| Pressione max<br>esercizio bar | Tipo<br>Type | S.A.E. | A      | B  | C  | D     | E    | F    | G  | H  | I  | G Viti / Bolts |       | L  | OR<br>O-RING |
|--------------------------------|--------------|--------|--------|----|----|-------|------|------|----|----|----|----------------|-------|----|--------------|
|                                |              |        |        |    |    |       |      |      |    |    |    | Metr.          | UNC   |    |              |
| 348                            | FME-300-12S  | 1/2"   | 20x1,5 | 12 | 8  | 38    | 17,5 | 9    | 36 | 16 | 18 | M 8            | 5/16" | 14 | 4075         |
|                                | FME-300-15L  |        | 22x1,5 | 15 | 11 |       |      |      |    |    |    |                |       |    |              |
|                                | FME-300-16S  |        | 24x1,5 | 16 | 12 |       |      |      |    |    |    |                |       |    |              |
| 348                            | FME-301-16S  | 3/4"   | 24x1,5 | 16 | 12 | 47,6  | 22,2 | 11   | 38 | 18 | 22 | M10            | 3/8"  | 14 | 4100         |
|                                | FME-301-20S  |        | 30x2   | 20 | 16 |       |      |      |    |    |    |                |       |    |              |
|                                | FME-301-22L  |        | 30x2   | 22 | 18 |       |      |      |    |    |    |                |       |    |              |
| 348                            | FME-302-20S  | 1"     | 30x2   | 20 | 16 | 52,4  | 26,2 | 11   | 42 | 19 | 28 | M10            | 3/8"  | 14 | 4131         |
|                                | FME-302-25S  |        | 36x2   | 25 | 20 |       |      |      |    |    |    |                |       |    |              |
|                                | FME-302-28L  |        | 36x2   | 28 | 23 |       |      |      |    |    |    |                |       |    |              |
| 278                            | FME-304-25S  | 1" 1/4 | 36x2   | 25 | 20 | 58,7  | 30,2 | 11,5 | 50 | 22 | 30 | M10            | 7/16" | 18 | 4150         |
|                                | FME-304-30S  |        | 42x2   | 30 | 25 |       |      |      |    |    |    |                |       |    |              |
|                                | FME-304-35L  |        | 45x2   | 35 | 30 |       |      |      |    |    |    |                |       |    |              |
| 210                            | FME-306-35L  | 1" 1/2 | 45x2   | 35 | 30 | 69,85 | 35,7 | 13,5 | 58 | 25 | 36 | M12            | 1/2"  | 18 | 4187         |
|                                | FME-306-38S  |        | 52x2   | 38 | 32 |       |      |      |    |    |    |                |       |    |              |
|                                | FME-306-42L  |        | 52x2   | 42 | 36 |       |      |      |    |    |    |                |       |    |              |

## serie 6000 psi

| Pressione max<br>esercizio bar | Tipo<br>Type | S.A.E. | A      | B  | C  | D    | E    | F  | G  | H  | I  | G Viti / Bolts |       | L  | OR<br>O-RING |
|--------------------------------|--------------|--------|--------|----|----|------|------|----|----|----|----|----------------|-------|----|--------------|
|                                |              |        |        |    |    |      |      |    |    |    |    | Metr.          | UNC   |    |              |
| 420                            | FME-600-12S  | 1/2"   | 20x1,5 | 12 | 8  | 40,5 | 18,3 | 9  | 36 | 16 | 20 | M 8            | 5/16" | 14 | 4075         |
|                                | FME-600-14S  |        | 22x1,5 | 14 | 10 |      |      |    |    |    |    |                |       |    |              |
|                                | FME-600-16S  |        | 24x1,5 | 16 | 12 |      |      |    |    |    |    |                |       |    |              |
| 420                            | FME-601-16S  | 3/4"   | 24x1,5 | 16 | 12 | 50,8 | 23,8 | 11 | 41 | 19 | 26 | M10            | 3/8"  | 14 | 4100         |
|                                | FME-601-20S  |        | 30x2   | 20 | 20 |      |      |    |    |    |    |                |       |    |              |
|                                | FME-601-22L  |        | 30x2   | 22 | 23 |      |      |    |    |    |    |                |       |    |              |
| 420                            | FME-602-20S  | 1"     | 30x2   | 20 | 16 | 57,1 | 27,8 | 13 | 50 | 24 | 30 | M12            | 7/16" | 14 | 4131         |
|                                | FME-602-25S  |        | 36x2   | 25 | 20 |      |      |    |    |    |    |                |       |    |              |
|                                | FME-602-28L  |        | 36x2   | 28 | 23 |      |      |    |    |    |    |                |       |    |              |
| 420                            | FME-604-25L  | 1" 1/4 | 36x2   | 25 | 20 | 66,7 | 31,6 | 15 | 58 | 25 | 36 | M14            | 1/2"  | 18 | 4150         |
|                                | FME-604-30S  |        | 42x2   | 30 | 25 |      |      |    |    |    |    |                |       |    |              |
|                                | FME-604-35L  |        | 45x2   | 35 | 30 |      |      |    |    |    |    |                |       |    |              |
| 420                            | FME-606-30S  | 1" 1/2 | 42x2   | 30 | 25 | 79,4 | 36,5 | 17 | 65 | 26 | 41 | M16            | 5/8"  | 18 | 4187         |
|                                | FME-606-38S  |        | 52x2   | 38 | 32 |      |      |    |    |    |    |                |       |    |              |
|                                | FME-606-42L  |        | 52x2   | 42 | 36 |      |      |    |    |    |    |                |       |    |              |

Per ordinazione flange: / Ordering Examples: / Pour commander brides: / Bestellbeispiel für Flansche:

Solo flangia..... FME...  
Only flange..... FME...  
Seulement bride... FME...  
Nur Flansch..... FME...

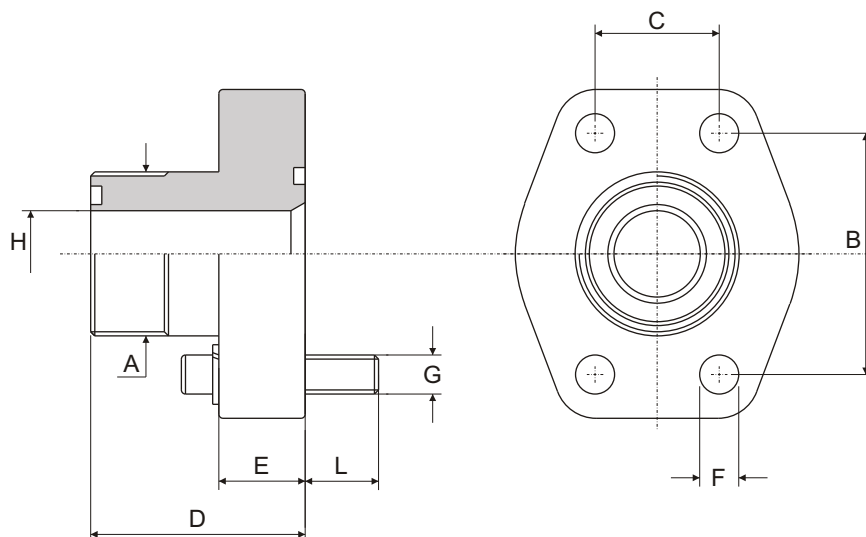
Flangia completa di viti UNC, rondelle e OR..... FME...U  
Complete flange with UNC screws, washers and o-ring..... FME...U  
Bride complete des vis UNC, rondelles et OR..... FME...U  
Flansch einschl. UNC-Schrauben, Federringen und O-Ring..... FME...U

Flangia completa di viti metriche, rondelle e OR..... FME...M  
Complete flange with metrical screws, washers and o-ring..... FME...M  
Bride complete des vis métriques, rondelles et OR..... FME...M  
Flansch einschl. metrischen Zylinderschrauben, Federringen und O-Ring..... FME...M

# FLANGIA DRITTA TENUTA FRONTALE ORFS

**Straight flanges  
O-Ring face seal  
Bride ORFS**

**Gerader Flansch O-Ring flachdichtend**



## serie 3000 psi

| Pressione max<br>esercizio bar | Tipo<br>Type | S.A.E. | A             | B     | C    | D  | E  | F    | G Viti / Bolts |       | H  | L  | OR<br>O-RING |
|--------------------------------|--------------|--------|---------------|-------|------|----|----|------|----------------|-------|----|----|--------------|
|                                |              |        |               |       |      |    |    |      | Metr.          | UNC   |    |    |              |
| 348                            | ORFS.080-A   | 1/2"   | 11/16" - 16   | 38    | 17,5 | 37 | 16 | 9    | M 8            | 5/16" | 6  | 14 | 4075         |
|                                | ORFS.080-B   |        | 13/16" - 16   |       |      |    |    |      |                |       |    |    |              |
|                                | ORFS.080-C   |        | 1" - 14       |       |      |    |    |      |                |       |    |    |              |
| 348                            | ORFS.100-A   | 3/4"   | 1" - 14       | 47,6  | 22,2 | 45 | 18 | 11   | M10            | 3/8"  | 12 | 14 | 4100         |
|                                | ORFS.100-B   |        | 1 1/16" - 12  |       |      |    |    |      |                |       |    |    |              |
| 348                            | ORFS.102-A   | 1"     | 1 1/8" - 12   | 52,4  | 26,2 | 49 | 18 | 11   | M10            | 3/8"  | 15 | 14 | 4131         |
|                                | ORFS.102-B   |        | 1 1/4" - 12   |       |      |    |    |      |                |       |    |    |              |
| 278                            | ORFS.104-A   | 1 1/4" | 1 7/8" - 12   | 58,7  | 30,2 | 53 | 21 | 11,5 | M10            | 7/16" | 20 | 18 | 4150         |
|                                | ORFS.104-B   |        | 1 11/16" - 12 |       |      |    |    |      |                |       |    |    |              |
| 210                            | ORFS.106-A   | 1 1/2" | 1 11/16" - 12 | 69,85 | 35,7 | 61 | 24 | 13,5 | M12            | 1/2"  | 26 | 19 | 4187         |
|                                | ORFS.106-B   |        | 2" - 12       |       |      |    |    |      |                |       |    |    |              |

## serie 6000 psi

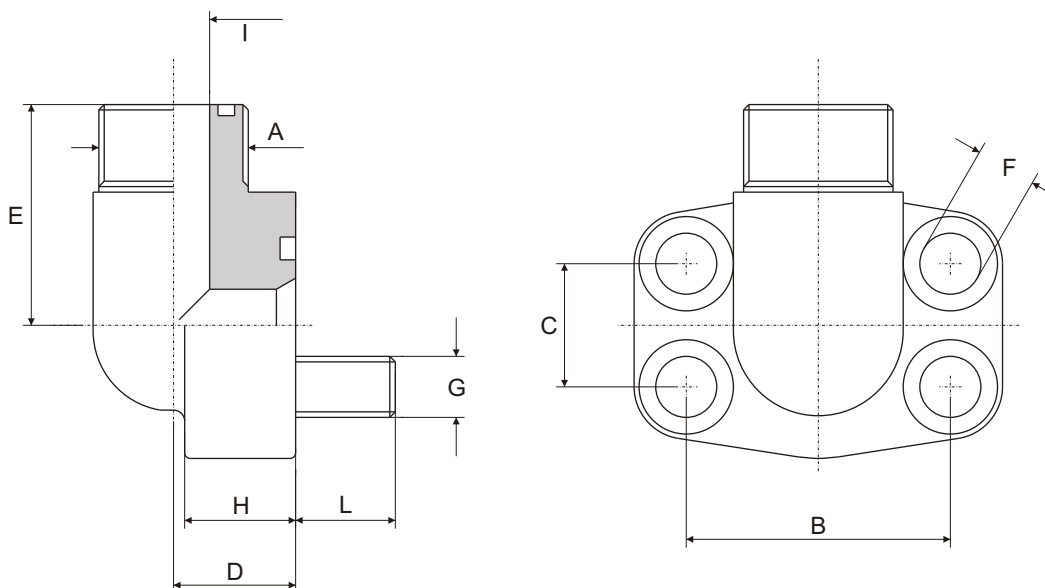
| Pressione max<br>esercizio bar | Tipo<br>Type | S.A.E. | A             | B    | C    | D  | E  | F  | G Viti / Bolts |       | H  | L  | OR<br>O-RING |
|--------------------------------|--------------|--------|---------------|------|------|----|----|----|----------------|-------|----|----|--------------|
|                                |              |        |               |      |      |    |    |    | Metr.          | UNC   |    |    |              |
| 420                            | ORFS.401-A   | 1/2"   | 11/16" - 16   | 40,5 | 18,2 | 38 | 16 | 9  | M 8            | 5/16" | 6  | 14 | 4075         |
|                                | ORFS.401-B   |        | 13/16" - 16   |      |      |    |    |    |                |       |    |    |              |
|                                | ORFS.401-C   |        | 1" - 14       |      |      |    |    |    |                |       |    |    |              |
| 420                            | ORFS.402-A   | 3/4"   | 1" - 14       | 50,8 | 23,8 | 47 | 18 | 11 | M10            | 3/8"  | 12 | 14 | 4100         |
|                                | ORFS.402-B   |        | 1 1/16" - 12  |      |      |    |    |    |                |       |    |    |              |
| 420                            | ORFS.403-A   | 1"     | 1 1/8" - 12   | 57,1 | 27,8 | 56 | 21 | 13 | M12            | 7/16" | 15 | 18 | 4131         |
|                                | ORFS.403-B   |        | 1 1/4" - 12   |      |      |    |    |    |                |       |    |    |              |
| 420                            | ORFS.404-A   | 1 1/4" | 1 7/8" - 12   | 66,7 | 31,6 | 61 | 24 | 15 | M14            | 1/2"  | 20 | 18 | 4150         |
|                                | ORFS.404-B   |        | 1 11/16" - 12 |      |      |    |    |    |                |       |    |    |              |
| 420                            | ORFS.405-A   | 1 1/2" | 1 11/16" - 12 | 79,4 | 36,5 | 65 | 27 | 17 | M16            | 5/8"  | 26 | 20 | 4187         |
|                                | ORFS.405-B   |        | 2" - 12       |      |      |    |    |    |                |       |    |    |              |

Per ordinazione flange: / Ordering Examples: / Pour commander brides: / Bestellbeispiel für Flansche:

Solo flangia..... ORFS...ABC Flangia completa di viti UNC, rondelle e OR..... ORFS...ABC-U Flangia completa di viti metriche, rondelle e OR..... ORFS...ABC-M  
 Only flange..... ORFS...ABC Complete flange with UNC screws, washers and o-ring..... ORFS...ABC-U Complete flange with metrical screws, washers and o-ring..... ORFS...ABC-M  
 Seulement bride..... ORFS...ABC Bride complete des vis UNC, rondelles et OR..... ORFS...ABC-U Bride complete des vis métriques, rondelles et OR..... ORFS...ABC-M  
 Nur Flansch..... ORFS...ABC Flansch einschl. UNC-Schrauben, Federringen und O-Ring..... ORFS...ABC-U Flansch einschl. metrischen Zylinderschrauben, Federringen und O-Ring..... ORFS...ABC-M

# FLANGIA A 90° TENUTA FRONTALE OR

90° Flange O-Ring face seal  
Bride à 90° ORFS  
90° - Flansch O-Ring flachdichtend



## serie 3000 psi

| Pressione max<br>esercizio bar | Tipo<br>Type   | S.A.E. | A            | B     | C    | D  | E  | F    | G Viti / Bolts |       | H  | I  | L  | OR<br>O-RING |
|--------------------------------|----------------|--------|--------------|-------|------|----|----|------|----------------|-------|----|----|----|--------------|
|                                |                |        |              |       |      |    |    |      | Metr.          | UNC   |    |    |    |              |
| 348                            | ORFS-300-90°-A | 1/2"   | 11/16" - 16  | 38    | 17,5 | 17 | 37 | 9    | M 8            | 5/16" | 16 | 6  | 14 | 4075         |
|                                | ORFS-300-90°-B |        | 13/16" - 16  |       |      |    |    |      |                |       |    |    |    |              |
|                                | ORFS-300-90°-C |        | 1" - 14      |       |      |    |    |      |                |       |    |    |    |              |
| 348                            | ORFS-301-90°-A | 3/4"   | 1" - 14      | 47,6  | 22,2 | 20 | 44 | 11   | M10            | 3/8"  | 18 | 12 | 14 | 4100         |
|                                | ORFS-301-90°-B |        | 1 3/16 - 12  |       |      |    |    |      |                |       |    |    |    |              |
| 348                            | ORFS-302-90°-A | 1"     | 1 3/16 - 12  | 52,4  | 26,2 | 25 | 48 | 11   | M10            | 3/8"  | 19 | 15 | 14 | 4131         |
|                                | ORFS-302-90°-B |        | 1 7/16 - 12  |       |      |    |    |      |                |       |    |    |    |              |
| 278                            | ORFS-304-90°-A | 1 1/4" | 1 7/16 - 12  | 58,7  | 30,2 | 31 | 55 | 11,5 | M10            | 7/16" | 22 | 20 | 18 | 4150         |
|                                | ORFS-304-90°-B |        | 1 11/16 - 12 |       |      |    |    |      |                |       |    |    |    |              |
| 210                            | ORFS-306-90°-A | 1 1/2" | 1 11/16 - 12 | 69,85 | 35,7 | 31 | 59 | 13,5 | M12            | 1/2"  | 25 | 26 | 18 | 4187         |
|                                | ORFS-306-90°-B |        | 2" - 12      |       |      |    |    |      |                |       |    |    |    |              |

## serie 6000 psi

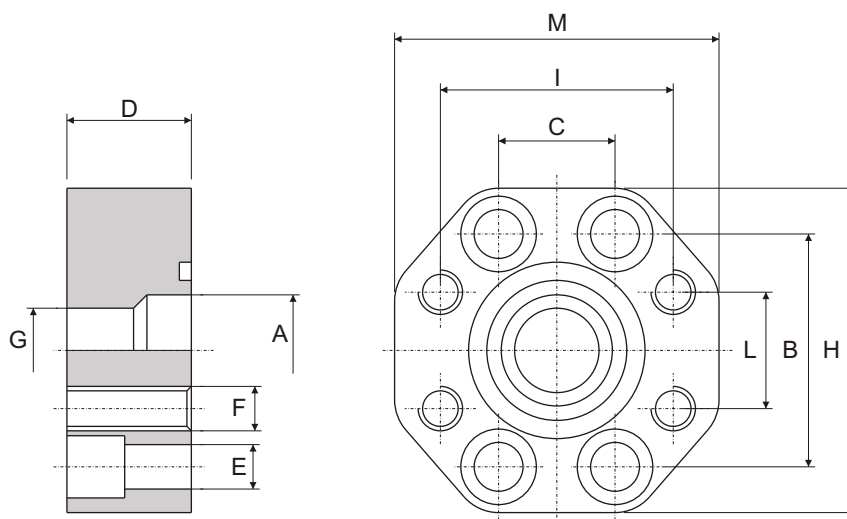
| Pressione max<br>esercizio bar | Tipo<br>Type   | S.A.E. | A            | B    | C    | D  | E  | F  | G Viti / Bolts |       | L  | H  | L  | OR<br>O-RING |
|--------------------------------|----------------|--------|--------------|------|------|----|----|----|----------------|-------|----|----|----|--------------|
|                                |                |        |              |      |      |    |    |    | Metr.          | UNC   |    |    |    |              |
| 420                            | ORFS-600-90°-A | 1/2"   | 11/16" - 16  | 40,5 | 18,2 | 17 | 37 | 9  | M 8            | 5/16" | 16 | 6  | 14 | 4075         |
|                                | ORFS-600-90°-B |        | 13/16" - 16  |      |      |    |    |    |                |       |    |    |    |              |
|                                | ORFS-600-90°-C |        | 1" - 14      |      |      |    |    |    |                |       |    |    |    |              |
| 420                            | ORFS-601-90°-A | 3/4"   | 1" - 14      | 50,8 | 23,8 | 20 | 48 | 11 | M10            | 3/8"  | 19 | 12 | 14 | 4100         |
|                                | ORFS-601-90°-B |        | 1 3/16 - 12  |      |      |    |    |    |                |       |    |    |    |              |
| 420                            | ORFS-602-90°-A | 1"     | 1 3/16 - 12  | 57,1 | 27,8 | 25 | 54 | 13 | M12            | 7/16" | 24 | 15 | 18 | 4131         |
|                                | ORFS-602-90°-B |        | 1 7/16 - 12  |      |      |    |    |    |                |       |    |    |    |              |
| 420                            | ORFS-604-90°-A | 1 1/4" | 1 7/16 - 12  | 66,7 | 31,6 | 31 | 59 | 15 | M14            | 1/2"  | 25 | 20 | 18 | 4150         |
|                                | ORFS-604-90°-B |        | 1 11/16 - 12 |      |      |    |    |    |                |       |    |    |    |              |
| 420                            | ORFS-606-90°-A | 1 1/2" | 1 11/16 - 12 | 79,4 | 36,5 | 37 | 64 | 17 | M16            | 5/8"  | 26 | 26 | 20 | 4187         |
|                                | ORFS-606-90°-B |        | 2" - 12      |      |      |    |    |    |                |       |    |    |    |              |

Per ordinazione flange: / Ordering Examples: / Pour commander brides: / Bestellbeispiel für Flansche:

Solo flangia .....ORFS...ABC Flangia completa di viti UNC, rondelle e OR .....ORFS...ABC-U Flangia completa di viti metriche, rondelle e OR .....ORFS...ABC-M  
Only flange .....ORFS...ABC Complete flange with UNC screws, washers and o-ring .....ORFS...ABC-U Complete flange with metrical screws, washers and o-ring .....ORFS...ABC-M  
Seulement bride .....ORFS...ABC Bride complete des vis UNC, rondelles et OR .....ORFS...ABC-U Bride complete des vis métriques, rondelles et OR .....ORFS...ABC-M  
Nur Flansch .....ORFS...ABC Flansch einschli. UNC-Schrauben, Federringen und O-Ring .....ORFS...ABC-U Flansch einschli. metrischen Zylinderschrauben, Federringen und O-Ring .....ORFS...ABC-M

# ADATTATORE S.A.E.

**S.A.E. Straight adapter flange**  
**Adaptateur S.A.E.**  
**S.A.E. Reduzier flansch gerade**



## serie 3000 psi

| Pressione max esercizio bar | Tipo Type        | S.A.E.          | A  | B     | C    | D  | E  | F   | G  | H   | I     | L    | M   | OR O-RING |
|-----------------------------|------------------|-----------------|----|-------|------|----|----|-----|----|-----|-------|------|-----|-----------|
| 210                         | R.F.S. - 102-102 | 1" x 1"         | 25 | 52,4  | 26,2 | 28 | 11 | M10 | 25 | 71  | 52,4  | 26,2 | 71  | 4131      |
| 210                         | R.F.S. - 102-100 | 1" x 3/4"       | 25 | 52,4  | 26,2 | 28 | 11 | M10 | 19 | 71  | 47,6  | 22,2 | 71  | 4131      |
| 210                         | R.F.S. - 104-104 | 1 1/4" x 1 1/4" | 30 | 58,7  | 30,2 | 28 | 11 | M10 | 30 | 80  | 58,7  | 30,2 | 80  | 4150      |
| 210                         | R.F.S. - 104-102 | 1 1/4" x 1"     | 30 | 58,7  | 30,2 | 28 | 11 | M10 | 25 | 80  | 52,4  | 26,2 | 71  | 4150      |
| 210                         | R.F.S. - 106-106 | 1 1/2" x 1 1/2" | 38 | 69,85 | 35,7 | 32 | 13 | M12 | 38 | 94  | 70    | 35,7 | 94  | 4187      |
| 210                         | R.F.S. - 106-104 | 1 1/2" x 1 1/4" | 38 | 69,85 | 35,7 | 32 | 13 | M10 | 30 | 94  | 58,7  | 30,2 | 80  | 4187      |
| 210                         | R.F.S. - 108-108 | 2" x 2"         | 50 | 77,8  | 42,9 | 33 | 13 | M12 | 50 | 103 | 77,8  | 42,9 | 103 | 4225      |
| 210                         | R.F.S. - 108-106 | 2" x 1 1/2"     | 50 | 77,8  | 42,9 | 33 | 13 | M12 | 38 | 103 | 69,85 | 35,7 | 94  | 4225      |
| 175                         | R.F.S. - 110-110 | 2 1/2" x 2 1/2" | 63 | 89    | 50,8 | 33 | 13 | M12 | 63 | 115 | 89    | 50,8 | 115 | 4275      |
| 175                         | R.F.S. - 110-108 | 2 1/2" x 2"     | 63 | 89    | 50,8 | 33 | 13 | M12 | 50 | 115 | 77,8  | 42,9 | 103 | 4275      |
| 138                         | R.F.S. - 112-112 | 3" x 3"         | 73 | 106,4 | 62   | 36 | 17 | M16 | 73 | 135 | 106,4 | 62   | 135 | 4337      |
| 138                         | R.F.S. - 112-110 | 3" x 2 1/2"     | 73 | 106,4 | 62   | 36 | 17 | M12 | 63 | 135 | 89    | 50,8 | 115 | 4337      |

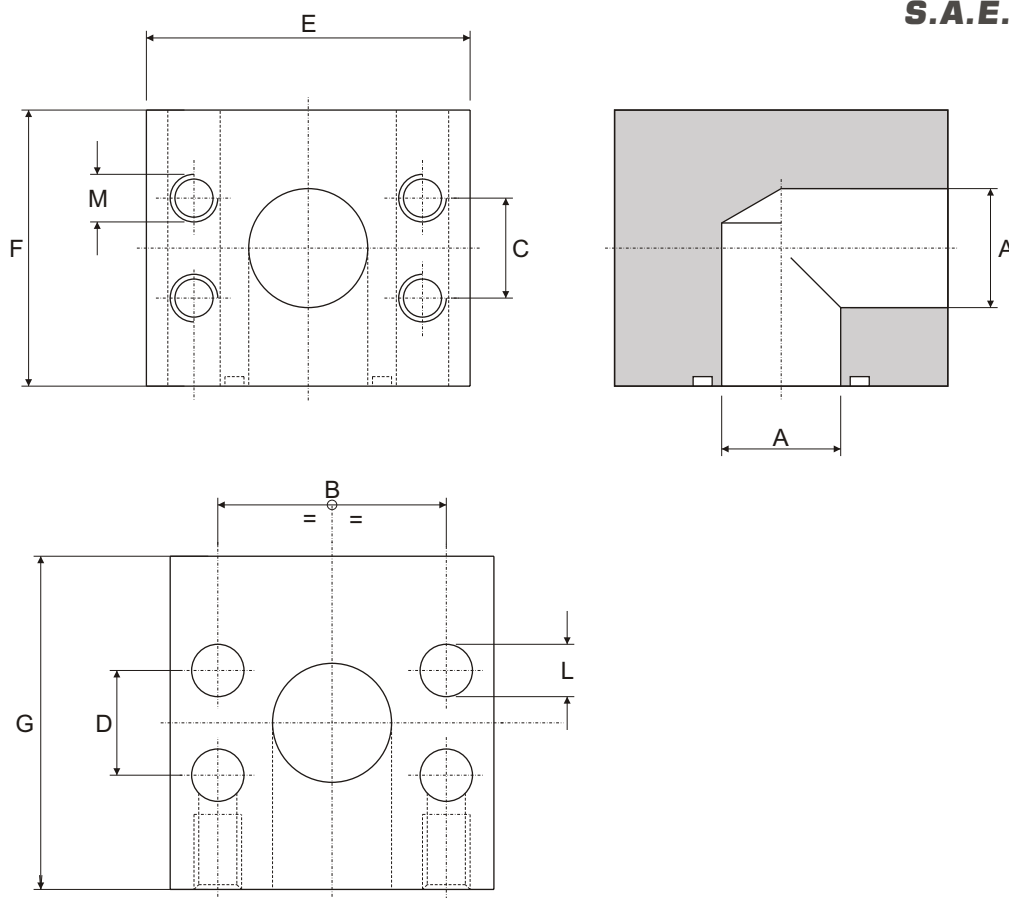
## serie 6000 psi

| Pressione max esercizio bar | Tipo Type        | S.A.E.          | A  | B     | C    | D  | E  | F   | G  | H   | I    | L    | M   | OR O-RING |
|-----------------------------|------------------|-----------------|----|-------|------|----|----|-----|----|-----|------|------|-----|-----------|
| 420                         | R.F.S. - 402-402 | 3/4" x 3/4"     | 19 | 50,8  | 23,8 | 28 | 11 | M10 | 19 | 71  | 50,8 | 23,8 | 71  | 4100      |
| 420                         | R.F.S. - 403-403 | 1" x 1"         | 25 | 57,1  | 27,8 | 33 | 13 | M12 | 25 | 80  | 57,1 | 27,8 | 80  | 4131      |
| 420                         | R.F.S. - 403-402 | 1" x 3/4"       | 25 | 57,1  | 27,8 | 33 | 13 | M10 | 19 | 80  | 50,8 | 23,8 | 71  | 4131      |
| 420                         | R.F.S. - 404-404 | 1 1/4" x 1 1/4" | 30 | 66,7  | 31,6 | 33 | 15 | M14 | 30 | 94  | 66,7 | 31,6 | 94  | 4150      |
| 420                         | R.F.S. - 404-403 | 1 1/4" x 1"     | 30 | 66,7  | 31,6 | 33 | 15 | M12 | 25 | 94  | 57,1 | 27,8 | 80  | 4150      |
| 420                         | R.F.S. - 405-405 | 1 1/2" x 1 1/2" | 38 | 79,4  | 36,5 | 48 | 17 | M16 | 38 | 106 | 79,4 | 36,5 | 106 | 4187      |
| 420                         | R.F.S. - 405-404 | 1 1/2" x 1 1/4" | 38 | 79,4  | 36,5 | 48 | 17 | M14 | 30 | 106 | 66,7 | 31,6 | 94  | 4187      |
| 420                         | R.F.S. - 406-406 | 2" x 2"         | 50 | 96,8  | 44,4 | 48 | 21 | M20 | 50 | 135 | 96,8 | 44,4 | 135 | 4225      |
| 420                         | R.F.S. - 406-405 | 2" x 1 1/2"     | 50 | 96,8  | 44,4 | 48 | 21 | M16 | 38 | 135 | 74,9 | 36,7 | 106 | 4225      |
| 420                         | R.F.S. - 408-406 | 2 1/2" x 2"     | 63 | 123,8 | 58,7 | 53 | 25 | M20 | 50 | 166 | 96,8 | 44,4 | 150 | 4275      |
| 420                         | R.F.S. - 410-406 | 3" x 2"         | 73 | 152,4 | 71,4 | 58 | 31 | M20 | 50 | 208 | 96,8 | 44,4 | 178 | 4337      |

Solo flangia ..... RFS...  
 Only flange ..... RFS...  
 Seulement bride... RFS...  
 Nur Flansch ..... RFS...

# **BLOCCO S.A.E. 90° L**

**S.A.E. - 90° L - Block**  
**Bloc S.A.E. à 90°**  
**S.A.E. 90° L - Block**



## **serie 3000 psi**

| Pressione max esercizio bar | Tipo Type  | S.A.E. | A  | B     | C    | D    | E   | F  | G  | L    | M   | OR O-RING |
|-----------------------------|------------|--------|----|-------|------|------|-----|----|----|------|-----|-----------|
| 210                         | B.L. - 304 | 1" 1/4 | 31 | 58,7  | 30,2 | 30,2 | 80  | 80 | 80 | 11   | M10 | 4150      |
| 210                         | B.L. - 306 | 1" 1/2 | 38 | 69,85 | 35,7 | 35,7 | 94  | 94 | 94 | 13,5 | M12 | 4187      |
| 210                         | B.L. - 308 | 2"     | 50 | 77,8  | 42,9 | 42,9 | 103 | 87 | 87 | 13,5 | M12 | 4225      |

## **serie 6000 psi**

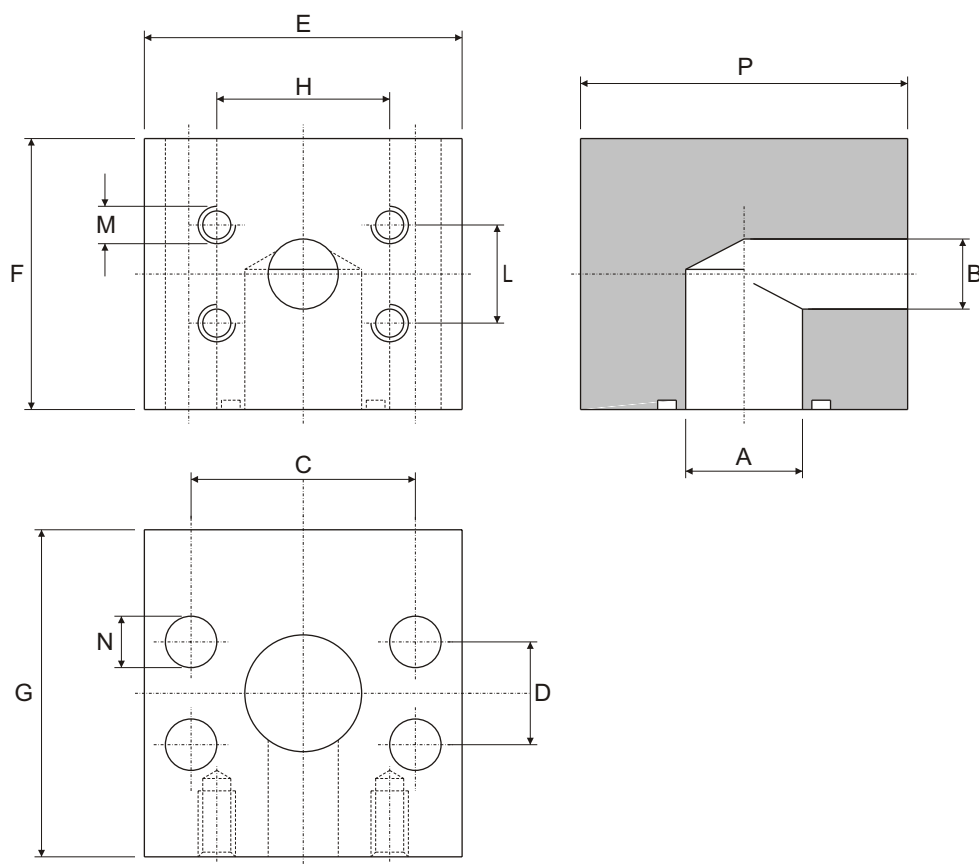
| Pressione max esercizio bar | Tipo Type  | S.A.E. | A  | B    | C    | D    | E   | F   | G   | L  | M   | OR O-RING |
|-----------------------------|------------|--------|----|------|------|------|-----|-----|-----|----|-----|-----------|
| 420                         | B.L. - 600 | 3/4"   | 19 | 50,8 | 23,8 | 23,8 | 70  | 55  | 60  | 11 | M10 | 4100      |
| 420                         | B.L. - 602 | 1"     | 25 | 57,1 | 27,8 | 27,8 | 80  | 69  | 69  | 13 | M12 | 4131      |
| 420                         | B.L. - 604 | 1" 1/4 | 30 | 66,7 | 31,6 | 31,6 | 94  | 75  | 75  | 15 | M14 | 4150      |
| 420                         | B.L. - 606 | 1" 1/2 | 38 | 79,4 | 36,5 | 36,5 | 106 | 89  | 89  | 17 | M16 | 4187      |
| 420                         | B.L. - 608 | 2"     | 50 | 96,8 | 44,4 | 44,4 | 135 | 116 | 116 | 21 | M20 | 4225      |

Per ordinazione: / Ordering Examples: / Pour commander: / Bestellbeispiel:

Blocco S.A.E. 90° L ..... B.L. ....  
S.A.E. - 90° - L - Block ..... B.L. ....  
Bloc S.A.E. à 90° ..... B.L. ....  
S.A.E. 90° L - Block ..... B.L. ....

# BLOCCO S.A.E. 90° L RIDOTTO

**S.A.E. 90° L reduction**  
**Bloc S.A.E. à 90° réduit**  
**S.A.E. 90° L reduzierblock**



## serie 6000 psi

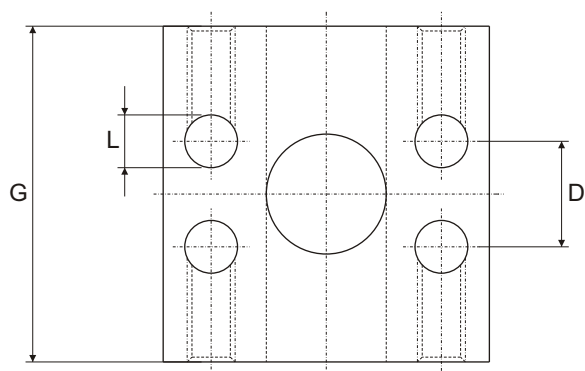
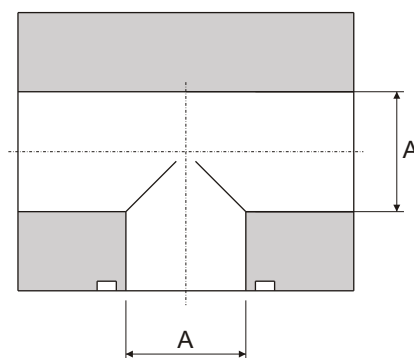
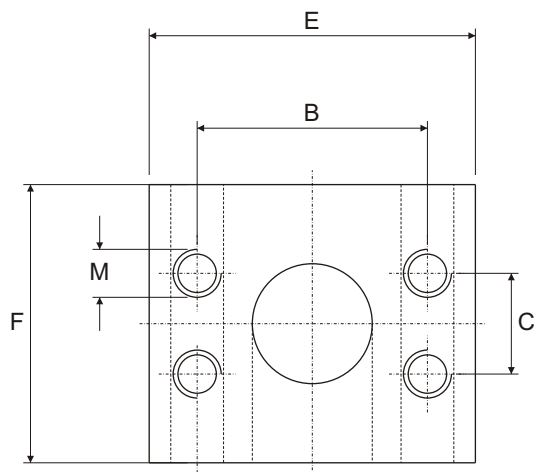
| Pressione max esercizio bar | Tipo Type        | S.A.E. | A  | B  | C    | D    | E   | F   | G   | H    | L    | M   | N  | OR O-RING |
|-----------------------------|------------------|--------|----|----|------|------|-----|-----|-----|------|------|-----|----|-----------|
| 420                         | B.L.R. - 403-402 | 1"     | 25 | 19 | 57,1 | 27,8 | 80  | 69  | 69  | 50,8 | 23,8 | M10 | 13 | 4131      |
| 420                         | B.L.R. - 404-402 | 1" 1/4 | 30 | 19 | 66,7 | 31,6 | 94  | 75  | 75  | 50,8 | 23,8 | M10 | 15 | 4150      |
| 420                         | B.L.R. - 404-403 | 1" 1/4 | 30 | 25 | 66,7 | 31,6 | 94  | 75  | 75  | 57,1 | 27,8 | M12 | 15 | 4150      |
| 420                         | B.L.R. - 405-404 | 1" 1/2 | 38 | 30 | 79,4 | 36,5 | 106 | 89  | 89  | 66,7 | 31,6 | M14 | 17 | 4187      |
| 420                         | B.L.R. - 406-405 | 2"     | 50 | 38 | 96,8 | 44,4 | 135 | 116 | 116 | 79,4 | 36,5 | M16 | 21 | 4225      |

Per ordinazione: / Ordering Examples: / Pour commander: / Bestellbeispiel:

Blocco S.A.E. 90° L ridotto.....B.L.R.....  
 S.A.E. 90° L reduction.....B.L.R.....  
 Bloc S.A.E. à 90° réduit.....B.L.R.....  
 S.A.E. 90° L reduzierblock.....B.L.R.....

# BLOCCO S.A.E. A T

**S.A.E. T - Block**  
**Bloc S.A.E. à T**  
**S.A.E. T - Block**



## serie 6000 psi

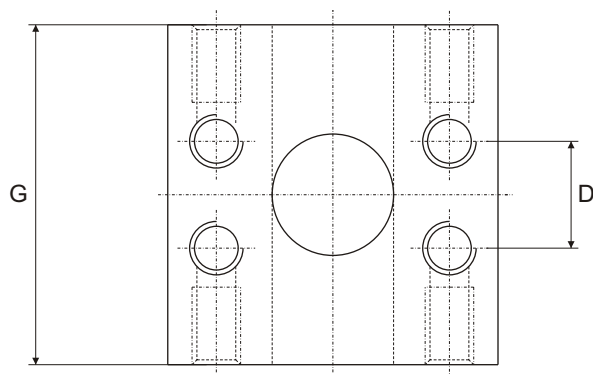
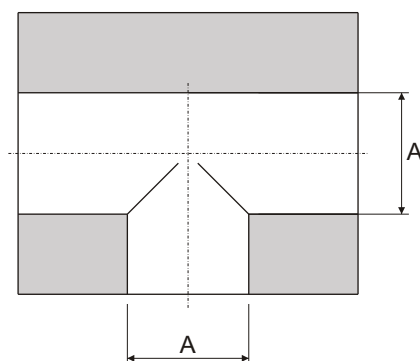
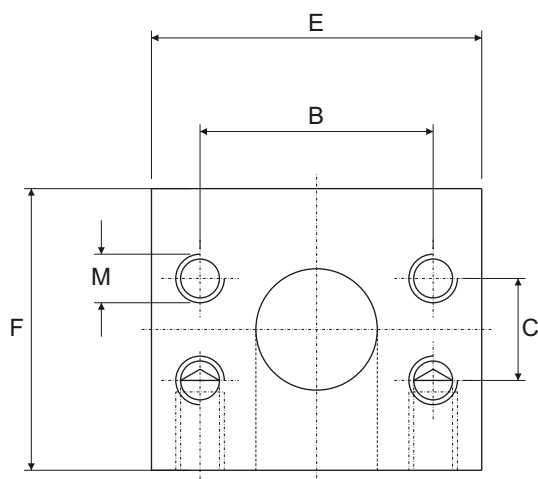
| Pressione max esercizio bar | Tipo Type      | S.A.E.           | A  | B    | C    | D    | E   | F   | G   | L  | M   | OR O-RING |
|-----------------------------|----------------|------------------|----|------|------|------|-----|-----|-----|----|-----|-----------|
| 420                         | B.T. - 600-600 | $\frac{3}{4}$ "  | 19 | 50,8 | 23,8 | 23,8 | 70  | 55  | 70  | 11 | M10 | 4100      |
| 420                         | B.T. - 602-602 | 1"               | 25 | 57,1 | 27,8 | 27,8 | 80  | 69  | 80  | 13 | M12 | 4131      |
| 420                         | B.T. - 604-604 | 1" $\frac{1}{4}$ | 30 | 66,7 | 31,6 | 31,6 | 94  | 75  | 94  | 15 | M14 | 4150      |
| 420                         | B.T. - 606-606 | 1" $\frac{1}{2}$ | 38 | 79,4 | 36,5 | 36,5 | 106 | 100 | 106 | 17 | M16 | 4187      |
| 420                         | B.T. - 608-608 | 2"               | 50 | 96,8 | 44,4 | 44,4 | 135 | 116 | 140 | 21 | M20 | 4225      |

Per ordinazione: / Ordering Examples: / Pour commander: / Bestellbeispiel:

Blocco S.A.E. a T.....B.T.....  
 S.A.E. T - block.....B.T.....  
 Bloc S.A.E. à T.....B.T.....  
 S.A.E. T - block.....B.T.....

# BLOCCO S.A.E. A T PER FLANGE

**S.A.E. T block counter flange**  
**Contre bloc S.A.E. à T**  
**S.A.E. T block gegenflanschausführung**



## serie 6000 psi

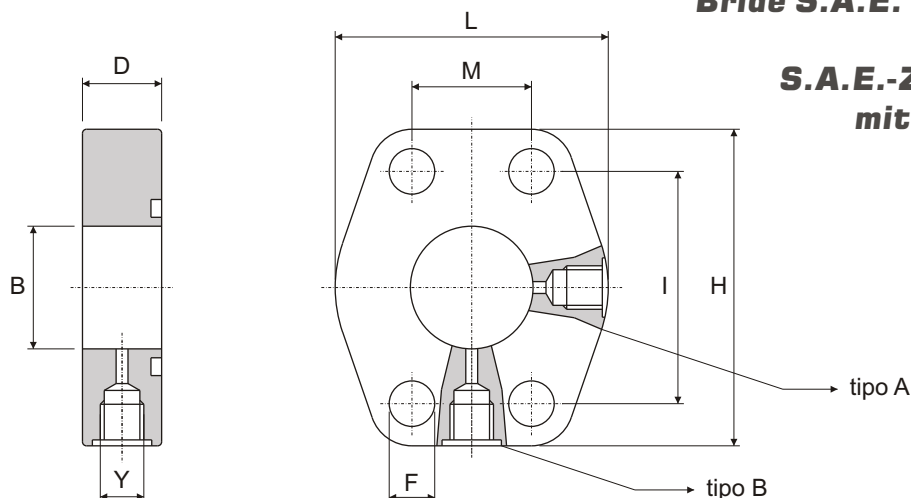
| Pressione max esercizio bar | Tipo Type          | S.A.E.           | A  | B    | C    | D    | E   | F   | G   | M   |
|-----------------------------|--------------------|------------------|----|------|------|------|-----|-----|-----|-----|
| 420                         | B.T.F.F. - 600-600 | $\frac{3}{4}$ "  | 19 | 50,8 | 23,8 | 23,8 | 70  | 55  | 70  | M10 |
| 420                         | B.T.F.F. - 602-602 | 1"               | 25 | 57,1 | 27,8 | 27,8 | 80  | 69  | 80  | M12 |
| 420                         | B.T.F.F. - 604-604 | 1" $\frac{1}{4}$ | 30 | 66,7 | 31,6 | 31,6 | 94  | 75  | 94  | M14 |
| 420                         | B.T.F.F. - 606-606 | 1" $\frac{1}{2}$ | 38 | 79,4 | 36,5 | 36,5 | 106 | 100 | 106 | M16 |
| 420                         | B.T.F.F. - 608-608 | 2"               | 50 | 96,8 | 44,4 | 44,4 | 135 | 116 | 140 | M20 |

Per ordinazione: / Ordering Examples: / Pour commander: / Bestellbeispiel:

Blocco S.A.E. a T per flange ..... B.T.F.F.....  
 S.A.E. T block counter flange ..... B.T.F.F.....  
 Contre bloc S.A.E. à T ..... B.T.F.F.....  
 S.A.E. T - block gegenflanschausführung ..... B.T.F.F.....

# FLANGE S.A.E. PER CONTROLLO DI PRESSIONE

**Chek pressure  
S.A.E. flange  
Bride S.A.E. pour le contrôle  
de la pression  
S.A.E.-Zwischenflansch  
mit Messanschluss**



La misura "D" e "Y" può essere variata a seconda delle esigenze del cliente.  
Measurement "D" and "Y" can be changed according to customer's requests.  
La mesure "D" et "Y" peut être changé selon les exigences de la clientèle.  
Auch für andere abmessungen "D" und "Y" nach vorgabe Lieferbar.

## serie 3000 psi

| Pressione max esercizio bar | Tipo Type | A S.A.E. | B   | D  | F    | H   | I     | L   | M    | Y                           | OR O-RING |
|-----------------------------|-----------|----------|-----|----|------|-----|-------|-----|------|-----------------------------|-----------|
| 348                         | DST 102   | 1"       | 25  | 19 | 11   | 71  | 52,4  | 53  | 26,2 | M10-G18                     | 4131      |
| 278                         | DST 104   | 1" 1/4   | 31  | 20 | 11,5 | 80  | 58,7  | 69  | 30,2 | M10-M12-G18                 | 4150      |
| 210                         | DST 106   | 1" 1/2   | 38  | 25 | 13,5 | 94  | 69,85 | 77  | 35,7 | M10-M12-M14-G18-G14         | 4187      |
| 210                         | DST 108   | 2"       | 50  | 25 | 13,5 | 103 | 77,8  | 89  | 42,9 | M10-M12-M14-G18-G14         | 4225      |
| 175                         | DST 110   | 2" 1/2   | 63  | 25 | 13,5 | 115 | 89    | 101 | 50,8 | M10-M12-M14-G18-G14         | 4275      |
| 138                         | DST 112   | 3"       | 73  | 27 | 17   | 135 | 106,4 | 124 | 62   | M10-M12-M14-M16-G18-G14-G38 | 4337      |
| 35                          | DST 114   | 3" 1/2   | 89  | 27 | 17   | 152 | 120,7 | 136 | 70   | M10-M12-M14-M16-G18-G14-G38 | 4387      |
| 35                          | DST 116   | 4"       | 99  | 26 | 17   | 162 | 130   | 146 | 77,8 | M10-M12-M14-M16-G18-G14-G38 | 4437      |
| 35                          | DST 118   | 5"       | 120 | 23 | 17   | 184 | 152,4 | 180 | 92   | M10-M12-M14-M16-G18-G14-G38 | 4537      |

## serie 6000 psi

| Pressione max esercizio bar | Tipo Type | A S.A.E. | B  | D  | F  | H   | I     | L   | M    | Y                           | OR O-RING |
|-----------------------------|-----------|----------|----|----|----|-----|-------|-----|------|-----------------------------|-----------|
| 420                         | DST 403   | 1"       | 25 | 22 | 13 | 80  | 57,1  | 69  | 27,8 | M10-M12-G18                 | 4131      |
| 420                         | DST 404   | 1" 1/4   | 31 | 26 | 15 | 94  | 66,7  | 77  | 31,6 | M10-M12-G18                 | 4150      |
| 420                         | DST 405   | 1" 1/2   | 38 | 30 | 17 | 106 | 79,4  | 89  | 36,5 | M10-M12-M14-G18-G14         | 4187      |
| 420                         | DST 406   | 2"       | 50 | 36 | 21 | 135 | 96,8  | 116 | 44,4 | M10-M12-M14-M16-G18-G14-G38 | 4225      |
| 420                         | DST 408   | 2" 1/2   | 63 | 45 | 25 | 166 | 123,8 | 150 | 58,7 | M10-M12-M14-M16-G18-G14-G38 | 4275      |
| 420                         | DST 410   | 3"       | 73 | 55 | 32 | 208 | 152,4 | 178 | 71,4 | M10-M12-M14-M16-G18-G14-G38 | 4337      |

| Tipo Type | Dimensioni - Dimensions |    |    |     |      |
|-----------|-------------------------|----|----|-----|------|
|           | Y                       | X  | K  | W   | Z    |
| M10       | M10 x 1                 | 15 | 8  | 1,5 | 13,5 |
| M12       | M12 x 1,5               | 18 | 12 | 1,5 | 18,5 |
| M14       | M14 x 1,5               | 20 | 12 | 1,5 | 18,5 |
| M16       | M16 x 1,5               | 22 | 12 | 1,5 | 18,5 |
| G18       | G1/8"                   | 15 | 10 | 1,5 | 16,5 |
| G14       | G1/4"                   | 19 | 12 | 1,5 | 18,5 |
| G38       | G3/8"                   | 23 | 13 | 1,5 | 18,5 |

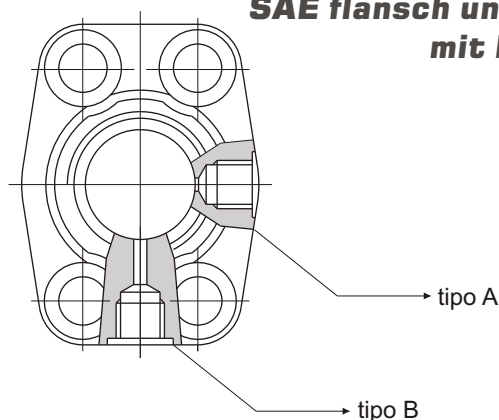
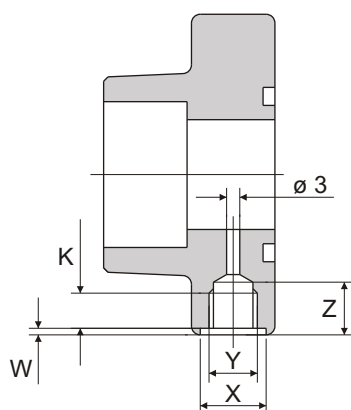
Per ordinazione flange: / Ordering Examples: / Pour commander brides: / Bestellbeispiel für Flansche:

Solo flangia.....DST...\*(+MA/MB/GA/GB...)  
Only flange.....DST...\*(+MA/MB/GA/GB...)  
Seulement bride...DST...\*(+MA/MB/GA/GB...)  
Nur Flansch.....DST...\*(+MA/MB/GA/GB...)

## FLANGE E CONTROFLANGE S.A.E.

con foro controllo pressione

— SAE flanges and counterflanges  
with hole to check pressure on  
Bride et contre bride S.A.E.  
avec trou de contrôle de pression  
SAE flansch und Gegenflansch  
mit Messanschluss



La misura "Y" può essere variata a seconda delle esigenze del cliente.  
Measurement "Y" can be changed according to customer's requests.  
La mesure "Y" peut être changé selon les exigences de la clientèle.  
Auch für andere abmessungen "Y" nach vorgabe Lieferbar.

### serie 3000 psi

| Pressione max esercizio bar | Tipo Type    | S.A.E. | Foro eseguibile Hole could made on |
|-----------------------------|--------------|--------|------------------------------------|
| 348                         | P.CFS/P.C102 | 1"     | M10-G18                            |
| 278                         | P.CFS/P.C104 | 1" 1/4 | M10-M12-G18                        |
| 210                         | P.CFS/P.C106 | 1" 1/2 | M10-M12-M14-G18-G14                |
| 210                         | P.CFS/P.C108 | 2"     | M10-M12-M14-G18-G14                |
| 175                         | P.CFS/P.C110 | 2" 1/2 | M10-M12-M14-G18-G14                |
| 138                         | P.CFS/P.C112 | 3"     | M10-M12-M14-M16-G18-G14-G38        |
| 35                          | P.CFS/P.C114 | 3" 1/2 | M10-M12-M14-M16-G18-G14-G38        |
| 35                          | P.CFS/P.C116 | 4"     | M10-M12-M14-M16-G18-G14-G38        |
| 35                          | P.CFS/P.C118 | 5"     | M10-M12-M14-M16-G18-G14-G38        |

### serie 6000 psi

| Pressione max esercizio bar | Tipo Type    | S.A.E. | Foro eseguibile Hole could made on |
|-----------------------------|--------------|--------|------------------------------------|
| 420                         | P.CFS/P.C403 | 1"     | M10-M12-G18                        |
| 420                         | P.CFS/P.C404 | 1" 1/4 | M10-M12-G18                        |
| 420                         | P.CFS/P.C405 | 1" 1/2 | M10-M12-M14-G18-G14                |
| 420                         | P.CFS/P.C406 | 2"     | M10-M12-M14-M16-G18-G14-G38        |
| 420                         | P.CFS/P.C408 | 2" 1/2 | M10-M12-M14-M16-G18-G14-G38        |
| 420                         | P.CFS/P.C410 | 3"     | M10-M12-M14-M16-G18-G14-G38        |

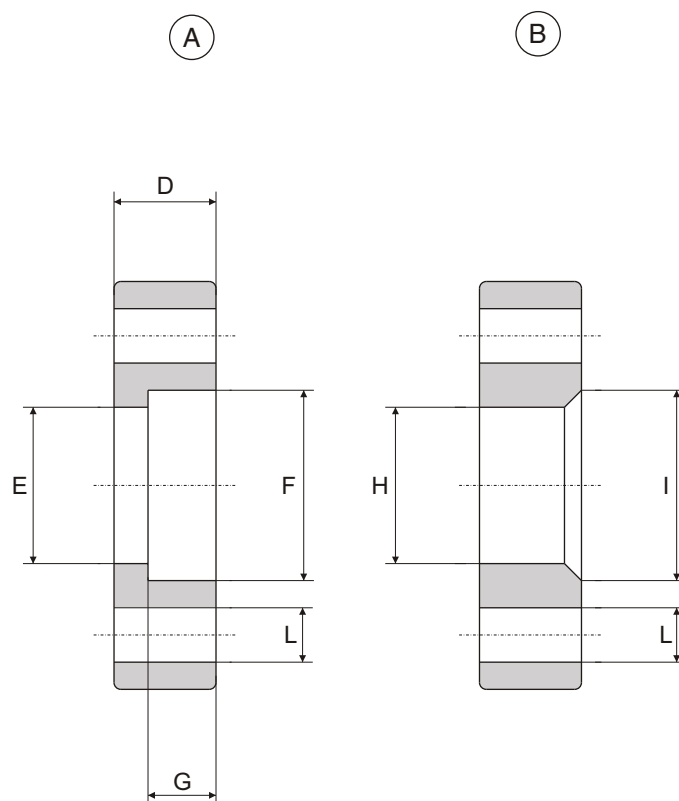
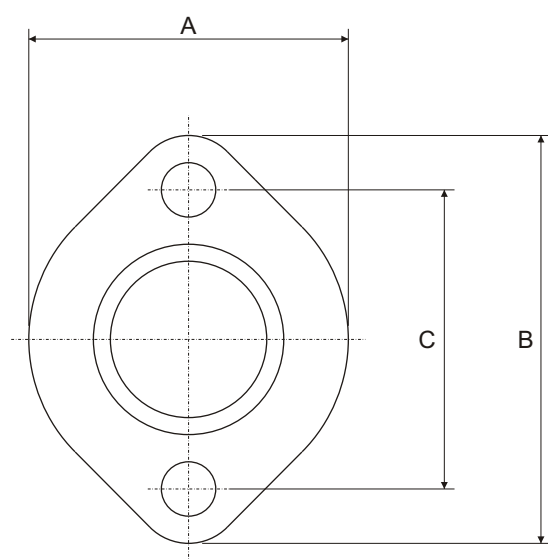
| Tipo Type | Dimensioni - Dimensions         |    |    |     |      |
|-----------|---------------------------------|----|----|-----|------|
|           | Y                               | X  | K  | W   | Z    |
| M10       | M10 x 1                         | 15 | 8  | 1,5 | 13,5 |
| M12       | M12 x 1,5                       | 18 | 12 | 1,5 | 18,5 |
| M14       | M14 x 1,5                       | 20 | 12 | 1,5 | 18,5 |
| M16       | M16 x 1,5                       | 22 | 12 | 1,5 | 18,5 |
| G18       | G <sup>1</sup> / <sub>8</sub> " | 15 | 10 | 1,5 | 16,5 |
| G14       | G <sup>1</sup> / <sub>4</sub> " | 19 | 12 | 1,5 | 18,5 |
| G38       | G <sup>3</sup> / <sub>8</sub> " | 23 | 13 | 1,5 | 18,5 |

Per ordinazione flange: / Ordering Examples: / Pour commander brides: / Bestellbeispiel für Flansche:

Flangia...PCFS/PC...\*(+M/MB/GA/GB...) Con viti UNC, rondelle e OR...PCFS/PC...\*U(+M/MB/GA/GB...) Con viti metriche, rondelle e OR...PCFS/PC...\*M(+M/MB/GA/GB...)  
 Flange...PCFS/PC...\*(+M/MB/GA/GB...) With UNC screws, washers and o-ring...PCFS/PC...\*U(+M/MB/GA/GB...) With metrical screws, washers and o-ring...PCFS/PC...\*M(+M/MB/GA/GB...)  
 Bride...PCFS/PC...\*(+M/MB/GA/GB...) Avec vis UNC, rondelles et OR...PCFS/PC...\*U(+M/MB/GA/GB...) Avec vis métriques, rondelles et OR...PCFS/PC...\*M(+M/MB/GA/GB...)  
 Flansch...PCFS/PC...\*(+M/MB/GA/GB...) Mit UNC-Schrauben, O-Ring und Federringen...PCFS/PC...\*U(+M/MB/GA/GB...) Mit met-schrauben, O-Ring und Federringen...PCFS/PC...\*M(+M/MB/GA/GB...)  
 (\*= S/ST/G/N) (\*= S/ST/G/N) (\*= S/ST/G/N) (\*= S/ST/G/N)

# FLANGE OVALI

**Oval flanges**  
**Bride ovale**  
**Ovale flansche**



## serie 6000 psi

| Tipo<br>Type | S.A.E. | A  | B   | C    | D  | E     | F     | G   | H    | I    | L    |
|--------------|--------|----|-----|------|----|-------|-------|-----|------|------|------|
| F010821      | 1/2"   | 48 | 60  | 44,4 | 14 | 21,15 | 26,1  | 9,4 | 20   | 23,5 | 8,4  |
| F011024      | 1/2"   | 48 | 60  | 44,4 | 14 | 24,1  | 28,1  | 9,4 | 23,5 | 27   | 8,4  |
| F011230      | 3/4"   | 60 | 76  | 56,1 | 18 | 30,1  | 37,1  | 11  | 27,5 | 32   | 10,5 |
| F011636      | 1"     | 70 | 88  | 63,6 | 22 | 36,5  | 44,15 | 14  | 37,5 | 43   | 12,5 |
| F012040      | 1" 1/4 | 78 | 103 | 73,9 | 25 | 40,5  | 50,2  | 17  | 44   | 50   | 14,5 |

Per ordinazione flange ..... FO...A  
FO...B  
Ordering Examples ..... FO...A  
FO...B

Pour commander ..... FO...A  
FO...B  
Bestellbeispiel für flansche mit schrauben ..... FO...A  
FO...B