High-pressure fittings and accessories Nominal pressure of 15,000 ... 60,000 psi [1,034 ... 4,136 bar] Model HPFA

WIKA data sheet AC 09.32

Applications

- Oil and gas, chemical industry, machine building and automation
- For injection systems, test benches, hydraulic power packs
- Blasting/cutting with water, high-pressure cleaning

Special features

- Large selection of materials and configurations available
- Customer-specific combination with valves and measuring instruments (instrument hook-up) on request



Examples of fittings and accessories

Description

The model HPFA high-pressure fittings and accessories have been developed for high-pressure applications of 15,000 ... 60,000 psi [1,034 ... 4,136 bar]. These are particularly suitable for control panels, where the space is restricted, or for test benches.

The range of model HPFA includes elbow fittings, T-fittings, cross fittings, bulkhead connectors, gland collars, glands, anti-vibration glands and nipples.

The elbow fittings, T-fittings and cross fittings are provided with mounting holes. The connection type of cone/thread fitting is already fitted with gland collars and glands. The design and the use of high-quality materials ensure long operating times and high leak tightness.

On request, WIKA offers the professional assembly of valves and pressure measuring instruments and also other accessories into a ready-to-install instrument hook-up. To ensure the functionality of the complete system, an additional leak test is carried out on the instrument hook-up.

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Specifications

| Model HPFA | |
|-------------------------------|---|
| Nominal pressure | 15,000 psi [1,034 bar] 20,000 psi [1,379 bar] 60,000 psi [4,136 bar] |
| Permissible temperature range | -55 +210 °C [-67 +410 °F] |
| Version | Elbow fitting T-fitting Elbow fitting with male and female thread ¹⁾ T-fitting with male and female thread ¹⁾ Cross fitting Bulkhead connector Anti-vibration gland Gland collar Gland Nipple Sealing cap Blind plug |
| Connection type | Female thread/female thread per ANSI / ASME B1.20.1, code NPT Male thread/female thread per ANSI / ASME B1.20.1, code NPT Cone/thread fitting |
| Connection size | 1/4 NPT 3/8 NPT 1/2 NPT 1/4" cone/thread fitting 3/8" cone/thread fitting 9/16" cone/thread fitting ²) 1" cone/thread fitting ²) |
| Features | 100 % traceability of the parts |

Not available for cone/thread fittings.
 The maximum allowable pressure is limited to 20,000 psi [1,379 bar].

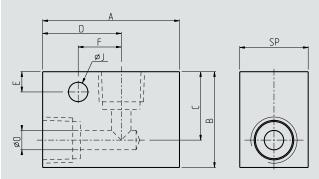
| Materials | |
|------------------|---|
| Wetted parts | Stainless steel 316 (1.4401) Stainless steel 316L (1.4404) Other materials on request |
| Non-wetted parts | Stainless steel 316 (1.4401) Stainless steel 316L (1.4404) |

Dimensions in mm [in]

Threaded connection per ANSI / ASME B1.20.1, female thread/female thread

Elbow fitting

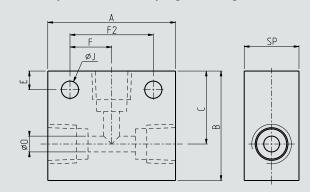
Nominal pressure: 15,000 psi [1,034 bar]



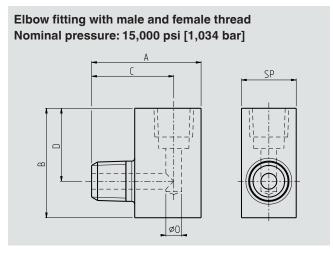
| Thread | Dimension | Dimensions in mm [in] | | | | | | | | | | | |
|---------|--------------|-----------------------|--------------|--------------|------------|--------------|----------|--------------|------------|--|--|--|--|
| | Α | В | С | D | E | F | J | SP | Orifice | | | | |
| 1⁄4 NPT | 38.1 [1.5] | 38.1 [1.5] | 25.4 [1] | 25.4 [1] | 6.5 [0.26] | 14.5 [0.57] | 6 [0.24] | 19.05 [0.75] | 5.5 [0.22] | | | | |
| 3⁄8 NPT | 38.1 [1.5] | 38.1 [1.5] | 25.4 [1] | 25.4 [1] | 8 [0.31] | 16 [0.63] | 7 [0.28] | 25.4 [1] | 7.5 [0.3] | | | | |
| 1⁄2 NPT | 47.63 [1.88] | 47.63 [1.88] | 31.75 [1.25] | 31.75 [1.25] | 9.4 [0.37] | 20 [0.79] | 9 [0.35] | 31.75 [1.25] | 9 [0.35] | | | | |

T-fitting

Nominal pressure: 15,000 psi [1,034 bar]

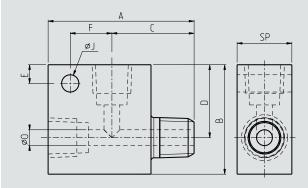


| Thread | Dimensions in mm [in] | | | | | | | | | | |
|---------|-----------------------|--------------|--------------|------------|--------------|-----------|----------|--------------|------------|--|--|
| | Α | В | С | Е | F | F2 | J | SP | Orifice | | |
| 1⁄4 NPT | 44.45 [1.75] | 38.1 [1.5] | 25.4 [1] | 6.5 [0.26] | 14.5 [0.57] | 29 [1.14] | 6 [0.24] | 19.05 [0.75] | 5.5 [0.22] | | |
| 3⁄8 NPT | 50.8 [2] | 38.1 [1.5] | 25.4 [1] | 8 [0.31] | 16 [0.63] | 32 [1.26] | 7 [0.28] | 25.4 [1] | 7.5 [0.3] | | |
| 1⁄2 NPT | 63.5 [2.5] | 47.75 [1.88] | 31.75 [1.25] | 9.4 [0.37] | 20 [0.79] | 40 [1.57] | 9 [0.35] | 31.75 [1.25] | 9 [0.35] | | |



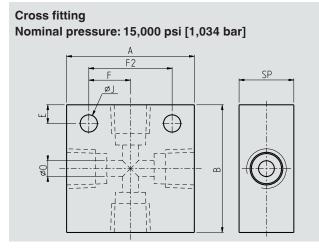
| Thread | Dimensions in mm [in] | | | | | | | | | | | |
|---------|-----------------------|--------------|--------------|--------------|--------------|------------|--|--|--|--|--|--|
| | А | SP | Orifice | | | | | | | | | |
| 1⁄4 NPT | 38.1 [1.5] | 38.1 [1.5] | 28.6 [1.13] | 25.4 [1] | 19.05 [0.75] | 5.5 [0.22] | | | | | | |
| 3⁄8 NPT | 44.45 [1.75] | 38.1 [1.5] | 31.75 [1.25] | 25.4 [1] | 25.4 [1] | 7.5 [0.3] | | | | | | |
| ½ NPT | 57.15 [2.25] | 44.45 [1.75] | 41 [1.61] | 31.75 [1.25] | 31.75 [1.25] | 9 [0.35] | | | | | | |

T-fitting with male and female thread Nominal pressure: 15,000 psi [1,034 bar]



| Thread | Dimensions in mm [in] | | | | | | | | | | |
|---------|-----------------------|--------------|-------------|--------------|------------|--------------|----------|--------------|------------|--|--|
| | Α | В | С | D | E | F | J | SP | Orifice | | |
| 1⁄4 NPT | 50.8 [2] | 38.1 [1.5] | 28.6 [1.13] | 25.4 [1] | 6.5 [0.26] | 14.5 [0.57] | 6 [0.24] | 19.05 [0.75] | 5.5 [0.22] | | |
| 3⁄8 NPT | 63.5 [2.5] | 38.1 [1.5] | 38.1 [1.5] | 25.4 [1] | 8 [0.31] | 16 [0.63] | 7 [0.28] | 25.4 [1] | 7.5 [0.3] | | |
| 1⁄2 NPT | 76.2 [3] | 47.63 [1.88] | 41 [1.61] | 31.75 [1.25] | 9.5 [0.37] | 20 [0.79] | 9 [0.35] | 31.75 [1.25] | 9 [0.35] | | |

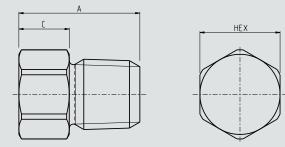
Threaded connection per ANSI / ASME B1.20.1, female thread/female thread



| Thread | read Dimensions in mm [in] | | | | | | | | | | |
|---------|----------------------------|--------------|------------|--------------|-----------|----------|--------------|------------|--|--|--|
| | A B E F F2 J SP Orific | | | | | | | | | | |
| 1⁄4 NPT | 44.45 [1.75] | 44.45 [1.75] | 6.5 [0.26] | 14.5 [0.57] | 29 [1.14] | 6 [0.24] | 19.05 [0.75] | 5.5 [0.22] | | | |
| 3⁄8 NPT | 50.8 [2] | 50.8 [2] | 8 [0.31] | 16 [0.63] | 32 [1.26] | 7 [0.28] | 25.4 [1] | 7.5 [0.3] | | | |
| ½ NPT | 63.5 [2.5] | 63.5 [2.5] | 9.4 [0.37] | 20 [0.79] | 40 [1.57] | 9 [0.35] | 31.75 [1.25] | 9 [0.35] | | | |

Blind plug

Nominal pressure: 15,000 psi [1,034 bar]

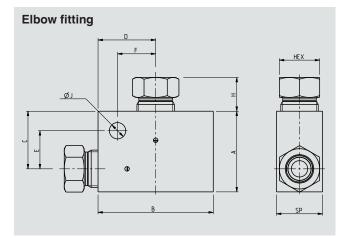


| Thread | Dimensions i | sions in mm [in] | | | | | | |
|---------|--------------|------------------|----------------|--|--|--|--|--|
| | Α | С | HEX | | | | | |
| 1⁄4 NPT | 24 [0.94] | 10 [0.39] | 15.90 [5⁄8"] | | | | | |
| 3⁄8 NPT | 30 [1.18] | 12 [0.47] | 19.05 [¾"] | | | | | |
| ½ NPT | 35 [1.38] | 14 [0.55] | 23.81 [15/16"] | | | | | |

Nipple for pipe Ø: ½" Nominal pressure: 15,000 psi [1,034 bar]



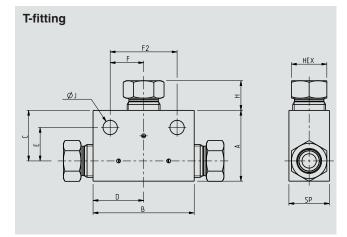




Nominal pressure: 20,000 psi [1,379 bar]

| For outer | Dimens | sions in | mm [in] | | | | | | | |
|-------------------|--------|----------|---------|---------|---------|---------|--------|--------|---------|---------|
| Ø | Α | В | С | D | E | F | Н | J | SP | HEX |
| 1⁄4" | 28.45 | 38.1 | 19.05 | 19.05 | 12.5 | 12.5 | 9.22 | 6 | 15.88 | 12.7 |
| | [11.2] | [15] | [7.5] | [7.5] | [4.92] | [4.92] | [3.63] | [2.36] | [6.25] | [5] |
| 3⁄8" | 35.05 | 50.8 | 25.4 | 25.4 | 16 | 16 | 12.78 | 7 | 19.05 | 15.87 |
| | [13.8] | [20] | [10] | [10] | [6.3] | [6.3] | [5.03] | [2.76] | [7.5] | [6.25] |
| ⁹ ⁄16" | 44.45 | 63.5 | 31.75 | 31.75 | 21 | 21 | 14.12 | 9 | 25.4 | 22.2 |
| | [17.5] | [25] | [12.5] | [12.5] | [8.27] | [8.27] | [5.56] | [3.54] | [10] | [8.74] |
| 3⁄4" | 57.15 | 76.2 | 38.1 | 38.1 | 25.4 | 25.4 | 15.75 | 11 | 34.93 | 28.6 |
| | [22.5] | [30] | [15] | [15] | [10] | [10] | [6.2] | [4.33] | [13.75] | [11.26] |
| 1" | 76.2 | 104.78 | 52.4 | 52.39 | 35 | 35 | 18.3 | 14 | 44.45 | 34.93 |
| | [30] | [41.25] | [20.63] | [20.63] | [13.78] | [13.78] | [7.2] | [5.51] | [17.5] | [13.75] |

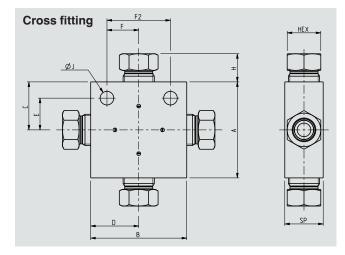
| For outer | Dimen | Dimensions in mm [in] | | | | | | | | | | | |
|-------------------|---------|-----------------------|---------|---------|--------|--------|--------|--------|------|---------|--|--|--|
| Ø | Α | В | С | D | E | F | Н | J | SP | HEX | | | |
| 1⁄4" | 38.1 | 34.93 | 25.4 | 22.23 | 20 | 16.5 | 14.63 | 6 | 25.4 | 15.88 | | | |
| | [15] | [13.75] | [10] | [8.75] | [7.87] | [6.5] | [5.76] | [2.36] | [10] | [6.25] | | | |
| 3⁄8" | 38.1 | 44.45 | 25.4 | 31.75 | 18.3 | 17.5 | 18.68 | 7 | 25.4 | 20.64 | | | |
| | [15] | [17.5] | [10] | [12.5] | [7.2] | [6.89] | [7.35] | [2.76] | [10] | [8.13] | | | |
| ⁹ ⁄16" | 47.63 | 66.68 | 28.58 | 47.63 | 21 | 24 | 26.93 | 9 | 38.1 | 30.16 | | | |
| | [18.75] | [26.25] | [11.25] | [18.75] | [8.27] | [9.45] | [10.6] | [3.54] | [15] | [11.87] | | | |



Nominal pressure: 20,000 psi [1,379 bar]

| For | Dimen | sions in | mm [in] | | | | | | | | |
|---------|--------|----------|---------|---------|---------|---------|---------|--------|--------|---------|---------|
| outer Ø | Α | В | C | D | E | F | F2 | Н | J | SP | HEX |
| 1⁄4" | 28.45 | 38.1 | 19.05 | 19.05 | 12.5 | 12.5 | 25 | 9.22 | 6 | 15.88 | 12.7 |
| | [11.2] | [15] | [7.5] | [7.5] | [4.92] | [4.92] | [9.84] | [3.63] | [2.36] | [6.25] | [5] |
| 3⁄8" | 35.05 | 50.8 | 25.4 | 25.4 | 16 | 16 | 32 | 12.78 | 7 | 19.05 | 15.87 |
| | [13.8] | [20] | [10] | [10] | [6.3] | [6.3] | [12.6] | [5.03] | [2.76] | [7.5] | [6.25] |
| %16" | 44.45 | 63.5 | 31.75 | 31.75 | 21 | 21 | 42 | 14.12 | 9 | 25.4 | 22.2 |
| | [17.5] | [25] | [12.5] | [12.5] | [8.27] | [8.27] | [16.54] | [5.56] | [3.54] | [10] | [8.74] |
| 3⁄4" | 57.15 | 76.2 | 38.1 | 38.1 | 25.4 | 25.4 | 50.8 | 15.75 | 11 | 34.93 | 28.6 |
| | [22.5] | [30] | [15] | [15] | [10] | [10] | [20] | [6.2] | [4.33] | [13.75] | [11.26] |
| 1" | 76.2 | 104.78 | 52.4 | 52.4 | 35 | 35 | 70 | 18.3 | 14 | 44.45 | 34.93 |
| | [30] | [41.25] | [20.63] | [20.63] | [13.78] | [13.78] | [27.56] | [7.2] | [5.51] | [17.5] | [13.75] |

| For | Dimen | Dimensions in mm [in] | | | | | | | | | | | | |
|-------------------|---------|-----------------------|---------|---------|--------|--------|---------|--------|--------|------|---------|--|--|--|
| outer Ø | Α | В | С | D | Е | F | F2 | Н | J | SP | HEX | | | |
| 1⁄4" | 34.93 | 50.8 | 22.23 | 25.4 | 16.5 | 16.5 | 33 | 14.63 | 6 | 25.4 | 15.88 | | | |
| | [13.75] | [20] | [8.75] | [10] | [6.5] | [6.5] | [12.99] | [5.76] | [2.36] | [10] | [6.25] | | | |
| 3⁄8" | 39.69 | 50.8 | 26.99 | 25.4 | 17.5 | 17.5 | 35 | 18.68 | 7 | 25.4 | 20.64 | | | |
| | [15.63] | [20] | [10.63] | [10] | [6.89] | [6.89] | [13.78] | [7.35] | [2.76] | [10] | [8.13] | | | |
| ⁹ ⁄16" | 53.98 | 66.68 | 34.93 | 33.34 | 24 | 24 | 48 | 26.93 | 9 | 38.1 | 30.16 | | | |
| | [21.25] | [26.25] | [13.75] | [13.13] | [9.45] | [9.45] | [18.9] | [10.6] | [3.54] | [15] | [11.87] | | | |

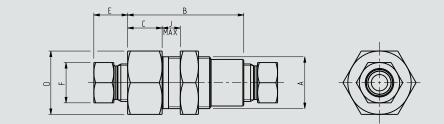


Nominal pressure: 20,000 psi [1,379 bar]

| For outer | Dimensions in mm [in] | | | | | | | | | | |
|-----------|-----------------------|-------------------|-----------------|-----------------|----------------|----------------|---------------|-----------------|-----------|------------------|------------------|
| Ø | Α | В | С | D | Е | F | F2 | Н | J | SP | HEX |
| 1⁄4" | 38.1 [15] | 38.1 [15] | 19.05 [7.5] | 19.05 [7.5] | 12.5 [4.92] | 12.5 [4.92] | 25 [9.84] | 9.22 [3.63] | 6 [2.36] | 15.88 [6.25] | 12.7 [5] |
| 3⁄8" | 50.8 [20] | 50.8 [20] | 25.4 [10] | 25.4 [10] | 16 [6.3] | 16 [6.3] | 32 [12.6] | 12.78 [5.03] | 7 [2.76] | 19.05 [7.5] | 15.87 [6.25] |
| 9⁄16" | 63.5 [25] | 63.5 [25] | 31.75 [12.5] | 31.75 [12.5] | 21 [8.27] | 21 [8.27] | 42 [16.54] | 14.12 [5.56] | 9 [3.54] | 25.4 [10] | 22.2 [8.74] |
| 3⁄4" | 76.2 [30] | 76.2 [30] | 38.1 [15] | 38.1 [15] | 25.4 [10] | 25.4 [10] | 50.8 [20] | 15.75 [6.2] | 11 [4.33] | 34.93 [13.75] | 28.6 [11.26] |
| 1" | 104.78 [41.25] | 104.78 [41.25] | 52.4 [20.63] | 52.4 [20.63] | 35 [13.78] | 35 [13.78] | 70 [27.56] | 18.3 [7.2] | 14 [5.51] | 44.45 [17.5] | 34.93 [13.75] |

| For | Dimensions in mm [in] | | | | | | | | | | |
|-------------------|-----------------------|------|--------|--------|--------|--------|---------|--------|--------|-------|---------|
| outer Ø | Α | В | С | D | Е | F | F2 | Н | J | SP | HEX |
| 1⁄4" | 38.1 | 50.8 | 19.05 | 25.4 | 13 | 16.5 | 33 | 14.63 | 6 | 25.4 | 15.88 |
| | [15] | [20] | [7.5] | [10] | [5.12] | [6.5] | [12.99] | [5.76] | [2.36] | [10] | [6.25] |
| 3⁄8" | 50.8 | 50.8 | 25.4 | 25.4 | 16 | 16 | 32 | 18.68 | 7 | 19.05 | 15.87 |
| | [20] | [20] | [10] | [10] | [6.3] | [6.3] | [12.6] | [7.35] | [2.76] | [7.5] | [6.25] |
| ⁹ ⁄16" | 63.5 | 63.5 | 31.75 | 31.75 | 21 | 21 | 42 | 26.93 | 9 | 25.4 | 30.16 |
| | [25] | [25] | [12.5] | [12.5] | [8.27] | [8.27] | [16.54] | [10.6] | [3.54] | [10] | [11.87] |

Bulkhead connector



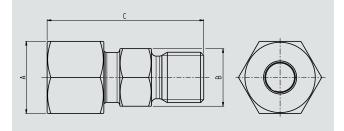
Nominal pressure: 20,000 psi [1,379 bar]

| For outer Ø | Dimensions in mm [in] | | | | | | |
|-------------|-----------------------|------------|-------------|---------------|--------------|--------------|-----------|
| | А | В | С | D | E | F | J |
| 1⁄4" | 20 [7.87] | 48 [18.9] | 13.5 [5.31] | 25.4 [10] | 9.22 [3.63] | 12.7 [5] | 10 [3.94] |
| 3⁄8" | 23 [9.06] | 55 [21.65] | 16 [6.3] | 30.16 [11.87] | 12.78 [5.03] | 15.87 [6.25] | 10 [3.94] |
| 9⁄16" | 30 [11.81] | 64 [25.2] | 19 [7.48] | 34.9 [13.74] | 14.12 [5.56] | 22.2 [8.74] | 10 [3.94] |

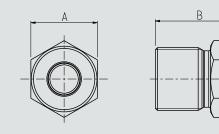
Nominal pressure: 60,000 psi [4,136 bar]

| For outer Ø | Dimensions in mm [in] | | | | | | |
|-------------------|-----------------------|---------------|-----------|---------------|--------------|---------------|-----------|
| | Α | В | С | D | E | F | J |
| 1⁄4" | 23 [9.06] | 50.8 [20] | 12.7 [5] | 30.16 [11.87] | 14.63 [5.76] | 15.88 [6.25] | 10 [3.94] |
| 3⁄8" | 30 [11.81] | 60.33 [23.75] | 19 [7.48] | 34.9 [13.74] | 18.68 [7.35] | 20.64 [8.13] | 10 [3.94] |
| ⁹ ⁄16" | 43 [16.93] | 69.85 [27.5] | 25.4 [10] | 47.63 [18.75] | 26.93 [10.6] | 30.16 [11.87] | 10 [3.94] |

Anti-vibration gland Nominal pressure: 20,000 psi [1,379 bar]



Anti-vibration gland Nominal pressure: 60,000 psi [4,136 bar]



| DN | Dimensions i | DN | | |
|-------------------|--------------|--------------|---------------|-------|
| | Α | В | С | |
| 1⁄4" | 15.88 [6.25] | 12.7 [5] | 34.5 [13.58] | 1⁄4" |
| 3⁄8" | 19.05 [7.5] | 15.88 [6.25] | 38.71 [15.24] | 3⁄8" |
| ⁹ ⁄16" | 25.4 [10] | 22.2 [8.74] | 47.69 [18.78] | 9⁄16" |

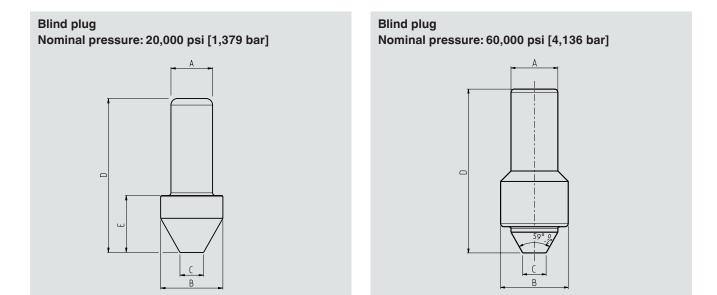
| DN | Dimensions in mm [in] | | | | |
|-------|-----------------------|------------|--|--|--|
| | Α | В | | | |
| 1⁄4" | 15.88 [6.25] | 22 [8.66] | | | |
| 3⁄8" | 20.64 [8.13] | 30 [11.81] | | | |
| 9⁄16" | 30.16 [11.87] | 40 [15.75] | | | |

Nipple for pipe Ø: ¼", ¾", ¾6" Nominal pressure: 20,000 psi [1,379 bar] and 60,000 psi [4,136 bar]

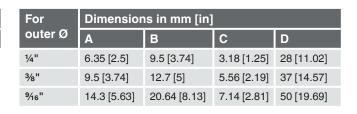


| Dimensions in mm [in] |
|----------------------------|
| L |
| 69.85 [2 ¾"] ¹⁾ |
| 76.2 [3"] ¹⁾ |
| 101.6 [4"] |
| 152.40 [6"] |
| 203.2 [8"] |
| 254 [10"] |
| 304.8 [12"] |
| |

1) Not available for for pipe Ø: % 6"

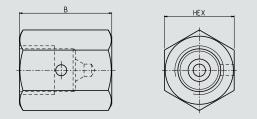


| For | Dimensions in mm [in] | | | | | | |
|-------------------|-----------------------|---------------|----------------|---------------|----------|--|--|
| outer Ø | Α | В | С | D | Е | | |
| 1⁄4" | 6.35 | 9.5 | 3.6 | 23.5 | 8.7 | | |
| | [2.5] | [3.74] | [1.42] | [9.25] | [3.43] | | |
| 3⁄8" | 9.5 | 12.4 | 6.35 | 30.5 | 11.1 | | |
| | [3.74] | [4.88] | [2.5] | [12.01] | [4.37] | | |
| ⁹ ⁄16" | 14.3 [5.63] | 18.3 [7.2] | 10.3 [4.06] | 40 [15.75] | 12.7 [5] | | |
| 3⁄4" | 18.9 | 23.8 | 14.3 | 42 | 15.4 | | |
| | [7.44] | [9.37] | [5.63] | [16.54] | [6.06] | | |
| 1" | 25.2 | 31.8 | 18.3 | 56.5 | 20.4 | | |
| | [9.92] | [12.52] | [7.2] | [22.24] | [8.03] | | |



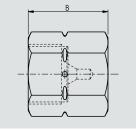
Sealing cap

Nominal pressure: 20,000 psi [1,379 bar]



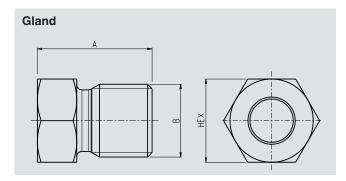
| For | Dimensions in mm [in] | | | | |
|-------------------|-----------------------|--------------|--|--|--|
| outer Ø | HEX | В | | | |
| 1⁄4" | 15.87 [6.25] | 21 [8.27] | | | |
| 3⁄8" | 19.05 [7.5] | 29 [11.42] | | | |
| ⁹ ⁄16" | 25.4 [10] | 35 [13.78] | | | |
| 3⁄4" | 34.92 [13.75] | 44.5 [17.52] | | | |
| 1" | 44.45 [17.5] | 57 [22.44] | | | |

Sealing cap Nominal pressure: 60,000 psi [4,136 bar]

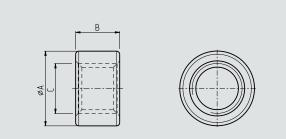




| For | Dimensions in mm [in] | | | | |
|-------------------|-----------------------|--------------|--|--|--|
| outer Ø | Α | В | | | |
| 1⁄4" | 19.05 [7.5] | 22.23 [8.75] | | | |
| 3⁄8" | 25.4 [10] | 31.75 [12.5] | | | |
| ⁹ ⁄16" | 34.93 [13.75] | 38.1 [15] | | | |



Gland collar



Nominal pressure: 20,000 psi [1,379 bar]

| For | Dimensions in mm [in] | | | | | |
|---------|-----------------------|-------------|-------------------|--|--|--|
| outer Ø | Α | В | C | | | |
| 1⁄4" | 9.5 [3.74] | 5.6 [2.2] | 1/4-28 UNF-LH-2B | | | |
| 3⁄8" | 12.4 [4.88] | 6.3 [2.48] | 3/8-24 UNF-LH-2B | | | |
| %16" | 18.4 [7.24] | 8 [3.15] | 9/16-18 UNF-LH-2B | | | |
| 3⁄4" | 23.8 [9.37] | 9.6 [3.78] | 3/4-16 UNF-LH-2B | | | |
| 1" | 31.8 [12.52] | 12.9 [5.08] | 1-14 UNF-LH-2B | | | |

Nominal pressure: 60,000 psi [4,136 bar]

| For | Dimensions in mm [in] | | | | | |
|-------------------|-----------------------|-------------|-------------------|--|--|--|
| outer Ø | Α | В | С | | | |
| 1⁄4" | 9.5 [3.74] | 9.5 [3.74] | 1/4-28 UNF-LH-2B | | | |
| 3⁄8" | 12.7 [5] | 13.5 [5.31] | 3/8-24 UNF-LH-2B | | | |
| ⁹ ⁄16" | 20.64 [8.13] | 15.8 [6.22] | 9/16-18 UNF-LH-2B | | | |

Nominal pressure: 20,000 psi [1,379 bar]

| For outer Ø | Dimensions in mm [in] | | | |
|-------------------|-----------------------|-----------------|---------------|--|
| | Α | В | HEX | |
| 1⁄4" | 17.5 [6.89] | 7/16-20 UNF-2A | 12.7 [5] | |
| 3⁄8" | 20.5 [8.07] | 9/16-18 UNF-2A | 15.87 [6.25] | |
| ⁹ ⁄16" | 27 [10.63] | 13/16-16 UNF-2A | 22.2 [8.74] | |
| 3⁄4" | 28.5 [11.22] | 3/4-14 NPSM | 28.6 [11.26] | |
| 1" | 38.1 [15] | 1 3/8-12 UNF-2A | 34.93 [13.75] | |

| For | Dimensions in mm [in] | | | |
|-------------------|-----------------------|-----------------|---------------|--|
| outer Ø | Α | В | HEX | |
| 1⁄4" | 22 [8.66] | 9/16-18 UNF-2A | 15.88 [6.25] | |
| 3⁄8" | 30 [11.81] | 3/4-16 UNF-2A | 20.64 [8.13] | |
| ⁹ ⁄16" | 40 [15.75] | 1 1/8-12 UNF-2A | 30.16 [11.87] | |

Certificates

 3.1 inspection certificate per EN 10204 (option) Material certificate for all wetted parts ¹⁾

1) With the connection type of cone/thread fitting, gland collars and glands are not included within the material certificate.

Ordering information Model / Nominal pressure / Version / Connection type / Connection size / Material / Options

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