

## Blanking screws and connectors



**AVENTICS™ Blanking screws and connectors**



# Reducing nipple

- External thread
- G 1/8 G 1/4 G 3/8 G 1/2 G 3/4 G 1
- M5 G 1/8 G 1/4 G 3/8 G 1/2 G 3/4
- FPT-S-RDZ



Working pressure min./max.

0 ... 60 bar

Ambient temperature min./max.

-20 ... 70 °C

## Technical data

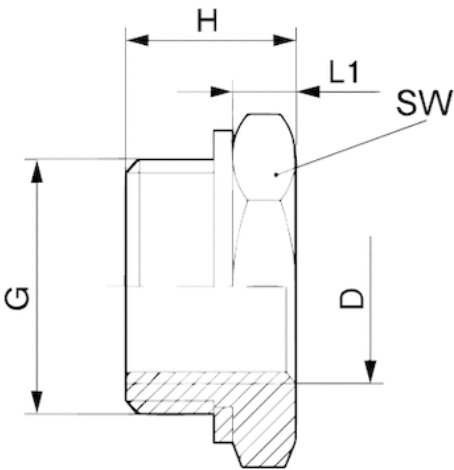
| Part No.   | Port G | Port D | Delivery unit | Material |
|------------|--------|--------|---------------|----------|
| 1823391080 | G 1/8  | M5     | 10 piece      | Brass    |
| 1823391012 | G 1/4  | G 1/8  | 10 piece      | -        |
| 1823391298 | G 3/8  | G 1/8  | 10 piece      | Brass    |
| 1823391013 | G 3/8  | G 1/4  | 10 piece      | Brass    |
| 1823391299 | G 1/2  | G 1/8  | 5 piece       | Brass    |
| 1823391300 | G 1/2  | G 1/4  | 5 piece       | Brass    |
| 1823391014 | G 1/2  | G 3/8  | 5 piece       | Brass    |
| 1823391301 | G 3/4  | G 1/4  | 5 piece       | Brass    |
| 1823391302 | G 3/4  | G 3/8  | 5 piece       | Brass    |
| 1823391028 | G 3/4  | G 1/2  | 5 piece       | Brass    |
| 1823391303 | G 1    | G 3/8  | 2 piece       | Brass    |
| 1823391304 | G 1    | G 1/2  | 2 piece       | Brass    |
| 1823391285 | G 1    | G 3/4  | 2 piece       | Brass    |

## Technical information

| Material |                          |
|----------|--------------------------|
| Material | Brass, nickel-plated     |
| Seal     | Polyvinyl chloride, hard |

Dimensions

Dimensions



Dimensions

| Part No.   | Port D | Port G | H    | L1  | SW |
|------------|--------|--------|------|-----|----|
| 1823391080 | M5     | G 1/8  | 10.5 | 4.5 | 14 |
| 1823391012 | G 1/8  | G 1/4  | 13   | 4   | 17 |
| 1823391298 | G 1/8  | G 3/8  | 14   | 5   | 19 |
| 1823391013 | G 1/4  | G 3/8  | 15   | 5   | 19 |
| 1823391299 | G 1/8  | G 1/2  | 15.5 | 5.5 | 24 |
| 1823391300 | G 1/4  | G 1/2  | 15.5 | 5.5 | 24 |
| 1823391014 | G 3/8  | G 1/2  | 15.5 | 5.5 | 24 |
| 1823391301 | G 1/4  | G 3/4  | 19   | 7   | 32 |
| 1823391302 | G 3/8  | G 3/4  | 19   | 7   | 32 |
| 1823391028 | G 1/2  | G 3/4  | 19   | 7   | 32 |
| 1823391303 | G 3/8  | G 1    | 23   | 8   | 41 |
| 1823391304 | G 1/2  | G 1    | 23   | 8   | 41 |
| 1823391285 | G 3/4  | G 1    | 23   | 8   | 41 |

# Reducing nipple

- External thread
- M7
- Internal thread
- M5
- FPT-S-RDZ



Working pressure min./max.
0 ... 16 bar

Ambient temperature min./max.
-20 ... 80 °C

## Technical data

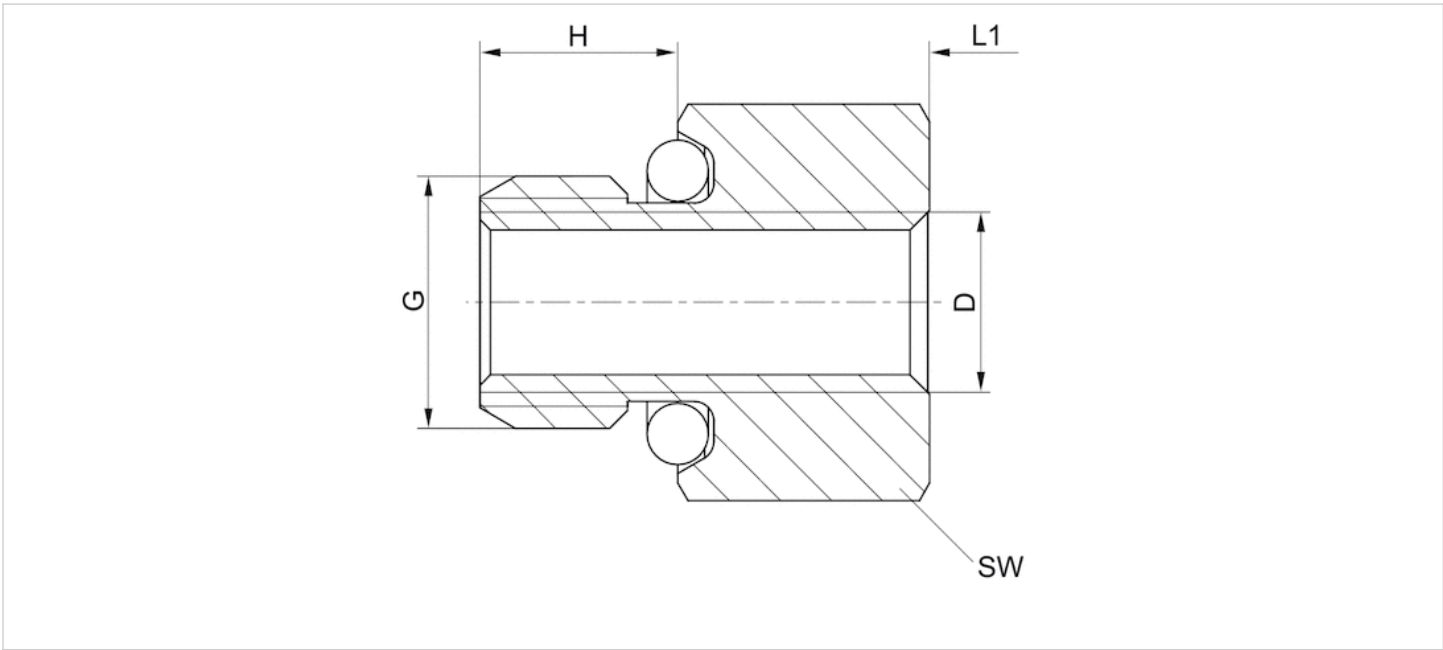
| Part No.   | Port G | Port D | Delivery unit |
|------------|--------|--------|---------------|
| 2122807050 | M7     | M5     | 10 piece      |

## Technical information

| Material |                          |
|----------|--------------------------|
| Material | Brass, nickel-plated     |
| Seal     | Polyvinyl chloride, hard |

Dimensions

Dimensions



Dimensions

| Part No.   | Port D | Port G | H   | L1 | SW |
|------------|--------|--------|-----|----|----|
| 2122807050 | M5     | M7     | 5.5 | 7  | 10 |

# Double nipple

- External thread
- M5 G 1/8 G 1/4 G 3/8 G 1/2 G 3/4 G 1
- External thread
- M5 G 1/8 G 1/4 G 3/8 G 1/2 G 3/4 G 1
- FPT-S-RDO



Working pressure min./max.

0 ... 16 bar

Ambient temperature min./max.

-20 ... 80 °C

## Technical data

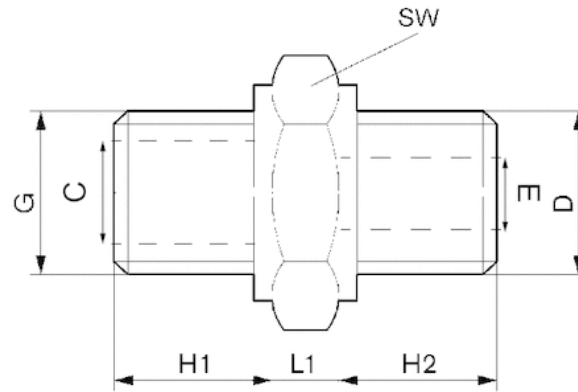
| Part No.   | Port G | Port D | Delivery unit |
|------------|--------|--------|---------------|
| 1823391081 | M5     | M5     | 10 piece      |
| 1823391100 | G 1/8  | M5     | 10 piece      |
| 1823391015 | G 1/8  | G 1/8  | 10 piece      |
| 1823391016 | G 1/4  | G 1/8  | 10 piece      |
| 1823391017 | G 1/4  | G 1/4  | 10 piece      |
| 1823391018 | G 3/8  | G 1/4  | 10 piece      |
| 1823391019 | G 3/8  | G 3/8  | 10 piece      |
| 1823391020 | G 1/2  | G 3/8  | 5 piece       |
| 1823391029 | G 1/2  | G 1/2  | 5 piece       |
| 1823391286 | G 3/4  | G 1/2  | 2 piece       |
| 1823391287 | G 3/4  | G 3/4  | 2 piece       |
| 1823391288 | G 1    | G 3/4  | 2 piece       |
| 1823391289 | G 1    | G 1    | 2 piece       |

## Technical information

| Material |                          |
|----------|--------------------------|
| Material | Brass, nickel-plated     |
| Seal     | Polyvinyl chloride, hard |

## Dimensions

### Dimensions



## Dimensions

| Part No.   | Port D | Port G | ØC | ØE  | H1  | H2  | L1 | SW |
|------------|--------|--------|----|-----|-----|-----|----|----|
| 1823391081 | M5     | M5     | -  | 2   | 4.5 | 4.5 | 4  | 8  |
| 1823391100 | M5     | G 1/8  | -  | -   | 7   | 5   | 5  | 13 |
| 1823391015 | G 1/8  | G 1/8  | 8  | 5   | 7.5 | 7.5 | 4  | 14 |
| 1823391016 | G 1/8  | G 1/4  | 8  | 5   | 10  | 7   | 5  | 17 |
| 1823391017 | G 1/4  | G 1/4  | 8  | 7.5 | 10  | 10  | 5  | 17 |
| 1823391018 | G 1/4  | G 3/8  | 12 | 7.5 | 10  | 10  | 5  | 22 |
| 1823391019 | G 3/8  | G 3/8  | 12 | 10  | 10  | 10  | 5  | 22 |
| 1823391020 | G 3/8  | G 1/2  | 15 | 10  | 12  | 10  | 6  | 27 |
| 1823391029 | G 1/2  | G 1/2  | 15 | 13  | 12  | 12  | 6  | 27 |
| 1823391286 | G 1/2  | G 3/4  | 20 | 13  | 12  | 12  | 7  | 32 |
| 1823391287 | G 3/4  | G 3/4  | 20 | 18  | 12  | 12  | 7  | 32 |
| 1823391288 | G 3/4  | G 1    | 25 | 18  | 15  | 12  | 8  | 41 |
| 1823391289 | G 1    | G 1    | 25 | 22  | 15  | 15  | 8  | 41 |

# Double nipple, detachable, tapered

- R 1/8 R 1/4 R 3/8 R 1/2 R 3/4 R 1
- FPT-S-RDO



Working pressure min./max.
0 ... 16 bar

Ambient temperature min./max.
-20 ... 80 °C

## Technical data

| Part No.   | Port G | Delivery unit |
|------------|--------|---------------|
| 1823391253 | R 1/8  | 10 piece      |
| 1823391254 | R 1/4  | 10 piece      |
| 1823391255 | R 3/8  | 5 piece       |
| 1823391256 | R 1/2  | 5 piece       |
| 1823391257 | R 3/4  | 2 piece       |
| 1823391258 | R 1    | 1 piece       |

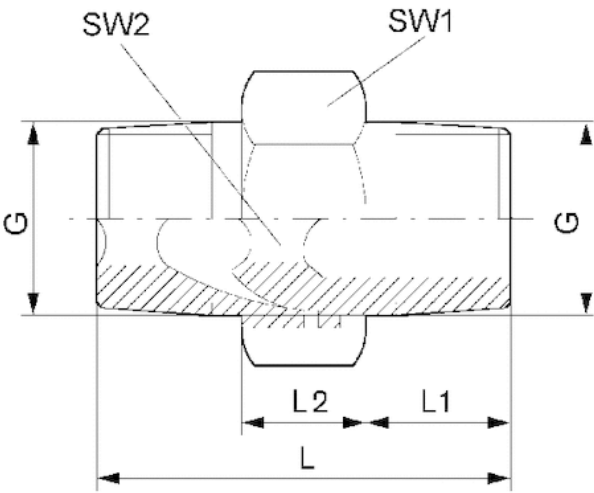
## Technical information

| Material |       |
|----------|-------|
| Material | Brass |



Dimensions

Dimensions



Dimensions

| Part No.   | Port G | L    | L1  | L2  | SW1 | SW2 |
|------------|--------|------|-----|-----|-----|-----|
| 1823391253 | R 1/8  | 27   | 9.2 | 8.5 | 15  | 5   |
| 1823391254 | R 1/4  | 33.5 | 12  | 9.5 | 19  | 6   |
| 1823391255 | R 3/8  | 36.5 | 13  | 10  | 22  | 8   |
| 1823391256 | R 1/2  | 44   | 16  | 12  | 27  | 12  |
| 1823391257 | R 3/4  | 52.5 | 18  | 17  | 36  | 14  |
| 1823391258 | R 1    | 63.5 | 22  | 20  | 46  | 19  |

# Double nipple

- G 1/4
- G 1/4 G 3/8
- FPT-S-RDO



Working pressure min./max.
  
Ambient temperature min./max.
  
Weight per piece

0 ... 16 bar
  
-20 ... 80 °C
  
See table below

## Technical data

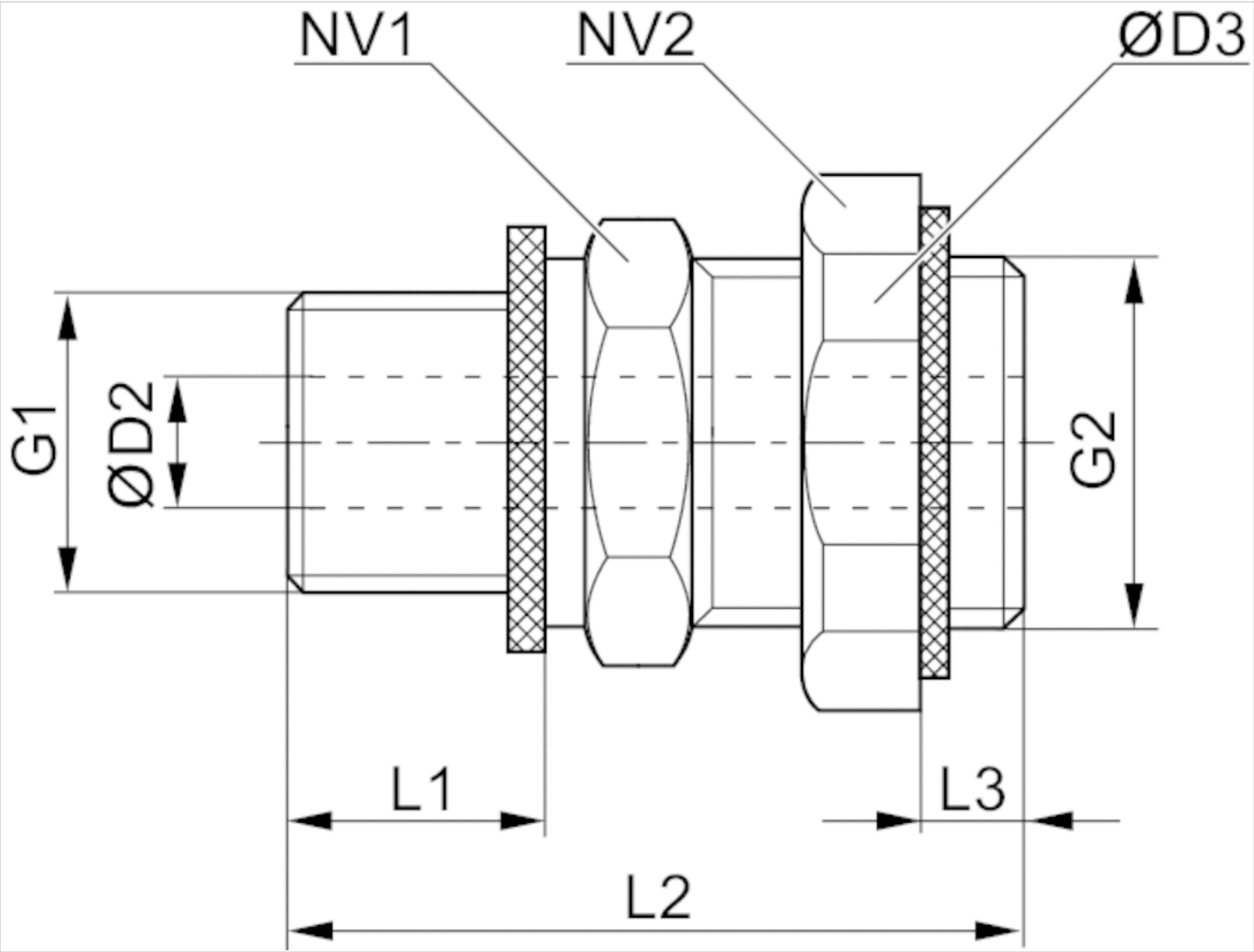
| Part No.   | Port G | Port D | Delivery unit | Weight per piece |
|------------|--------|--------|---------------|------------------|
| 8632141400 | G 1/4  | G 1/4  | 10 piece      | 0.034 kg         |
| 8632143800 | G 1/4  | G 3/8  | 10 piece      | 0.044 kg         |

## Technical information

| Material |                          |
|----------|--------------------------|
| Material | Brass, nickel-plated     |
| Seal     | Polyvinyl chloride, hard |

Dimensions

double male connectors type DN, adjustable



Dimensions

| Part No.   | G1    | G2    | Ø D2 | Ø D3 | L2 | L1 | L3* | NV1 | NV2 |
|------------|-------|-------|------|------|----|----|-----|-----|-----|
| 8632141400 | G 1/4 | G 1/4 | 7    | 21   | 29 | 8  | 8   | 17  | 19  |
| 8632143800 | G 1/4 | G 3/8 | 7    | 24   | 30 | 8  | 10  | 17  | 22  |

\*max

# Double nipple

- R 1/4 R 1/2
- FPT-C-RDO



|                               |                 |
|-------------------------------|-----------------|
| Working pressure min./max.    | 0 ... 150 bar   |
| Ambient temperature min./max. | -20 ... 150 °C  |
| Weight per piece              | See table below |

## Technical data

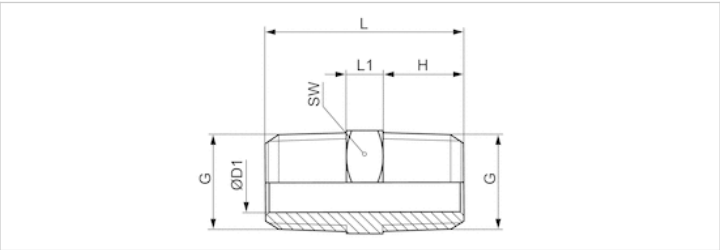
| Part No.   | Port G | Delivery unit | Weight per piece |
|------------|--------|---------------|------------------|
| R412010691 | R 1/4  | 2 piece       | 0.015 kg         |
| R412010692 | R 1/2  | 2 piece       | 0.039 kg         |

## Technical information

| Material |                 |
|----------|-----------------|
| Material | Stainless steel |

## Dimensions

### Dimensions



## Dimensions

| Part No.   | Port G | ØD1 | H  | L  | L1 | SW |
|------------|--------|-----|----|----|----|----|
| R412010691 | R 1/4  | 8.5 | 11 | 27 | 5  | 14 |
| R412010692 | R 1/2  | 15  | 14 | 34 | 6  | 22 |

# Blanking screw

- External thread
- G 1/8 G 1/4
- FPT-S-RIO



Working pressure min./max.
0 ... 16 bar

Ambient temperature min./max.
-20 ... 80 °C

## Technical data

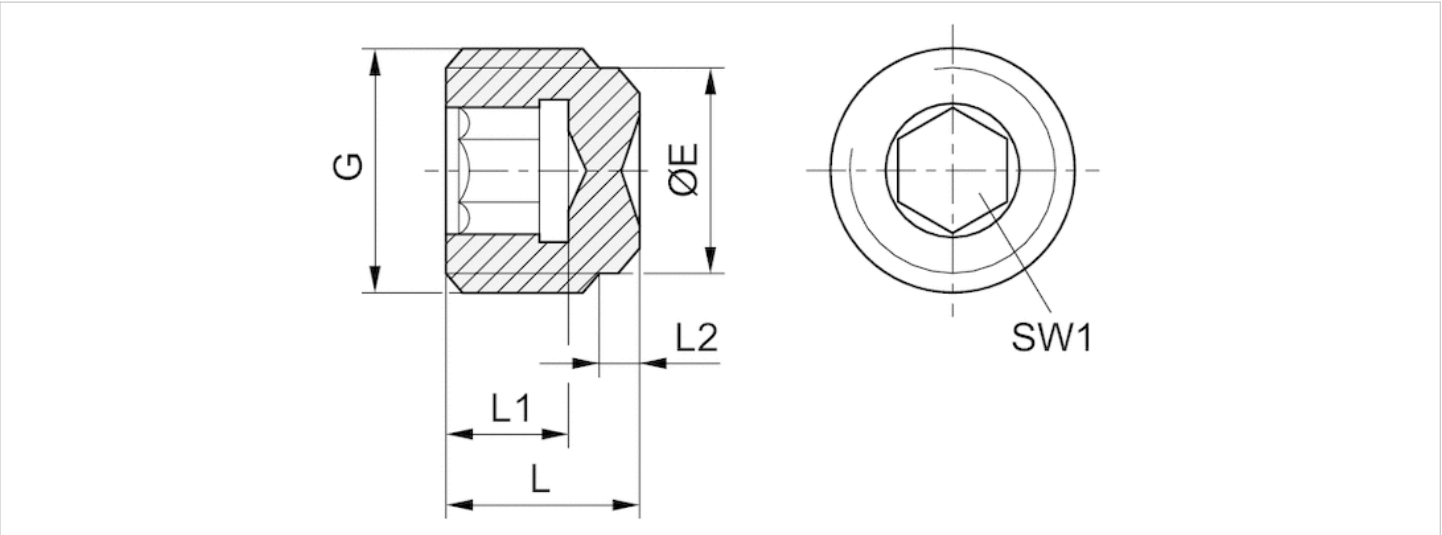
| Part No.   | Port G | Delivery unit |
|------------|--------|---------------|
| 1823462004 | G 1/8  | 10 piece      |
| 1823462003 | G 1/4  | 10 piece      |

## Technical information

| Material |       |
|----------|-------|
| Material | Brass |

## Dimensions

### Dimensions



Dimensions in mm

| Port G | ØE | L  | L1 | L2  | SW1 |
|--------|----|----|----|-----|-----|
| G 1/8  | 8  | 8  | 5  | 2   | 5   |
| G 1/4  | 11 | 11 | 7  | 3.5 | 6   |

# Blanking screw with O-ring, Series FPT

- External thread
- G 1/8 G 1/4 G 3/8 G 1/2
- FPT-C-RBA



Working pressure min./max.
0 ... 16 bar

Ambient temperature min./max.
-20 ... 150 °C

## Technical data

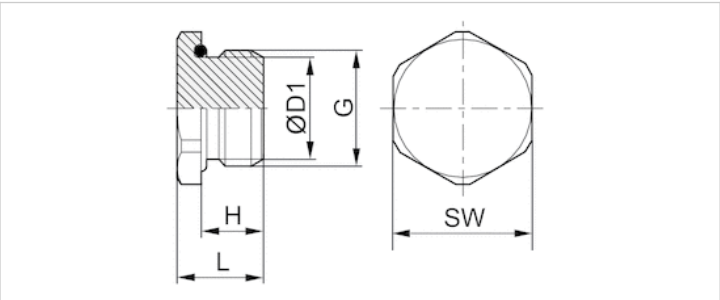
| Part No.   | Port G | Delivery unit |
|------------|--------|---------------|
| R412010045 | G 1/8  | 2 piece       |
| R412010683 | G 1/4  | 2 piece       |
| R412010684 | G 3/8  | 2 piece       |
| R412010044 | G 1/2  | 2 piece       |

## Technical information

| Material |                  |
|----------|------------------|
| Material | Stainless steel  |
| Seal     | Fluorocaoutchouc |

## Dimensions

### Dimensions



Dimensions

| Part No.   | Port G | ØD1  | H   | L    | SW |
|------------|--------|------|-----|------|----|
| R412010045 | G 1/8  | 8.3  | 5.5 | 9.5  | 13 |
| R412010683 | G 1/4  | 11.2 | 8   | 11.5 | 17 |
| R412010684 | G 3/8  | 14.8 | 9   | 12.5 | 20 |
| R412010044 | G 1/2  | 17   | 9   | 14   | 24 |



# Blanking screw with O-ring, Series FPT

- External thread
- G 1/8 G 1/4 G 3/8 G 1/2
- FPT-S-RBA



Working pressure min./max.

0 ... 16 bar

Ambient temperature min./max.

-20 ... 80 °C

## Technical data

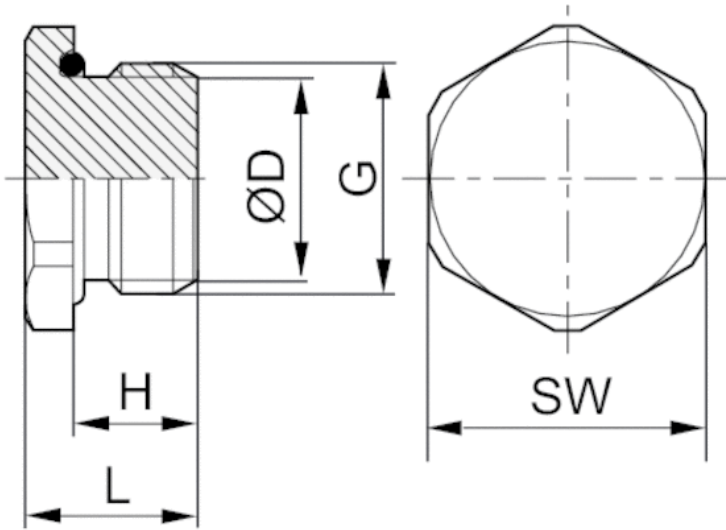
| Part No.   | Port G | Delivery unit |
|------------|--------|---------------|
| R412010743 | G 1/8  | 25 piece      |
| R412010744 | G 1/4  | 25 piece      |
| R412010745 | G 3/8  | 25 piece      |
| R412010746 | G 1/2  | 25 piece      |

## Technical information

| Material |                          |
|----------|--------------------------|
| Material | Brass, nickel-plated     |
| Seal     | Nitrile butadiene rubber |

Dimensions

Dimensions



Dimensions

| Part No.   | Port G | $\varnothing D$ | H   | L    | SW |
|------------|--------|-----------------|-----|------|----|
| R412010743 | G 1/8  | 8               | 5.5 | 8    | 14 |
| R412010744 | G 1/4  | 11              | 6.5 | 10   | 19 |
| R412010745 | G 3/8  | 14              | 7.5 | 11.5 | 22 |
| R412010746 | G 1/2  | 17.5            | 9   | 13   | 24 |

# Blanking screw with O-ring, Series FPT

- External thread
- M7 G 1/8 G 1/4 G 3/8 G 1/2
- FPT-S-RBI



Working pressure min./max.

0 ... 16 bar

Ambient temperature min./max.

-20 ... 80 °C

## Technical data

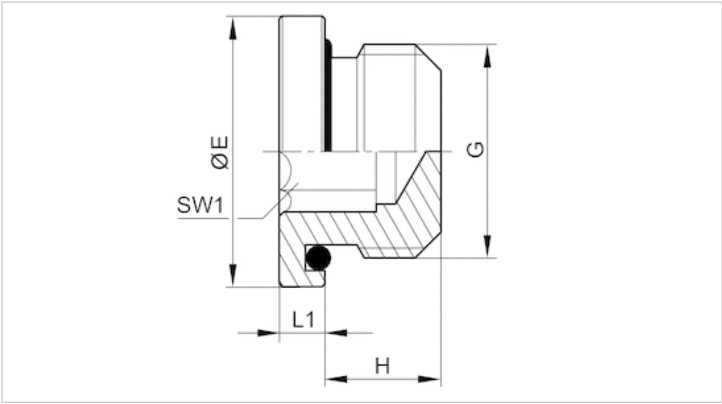
| Part No.   | Port G | Delivery unit |
|------------|--------|---------------|
| 8639000700 | M7     | 25 piece      |
| 8639001800 | G 1/8  | 25 piece      |
| 8639001400 | G 1/4  | 25 piece      |
| 8639003800 | G 3/8  | 25 piece      |
| 8639001200 | G 1/2  | 25 piece      |

## Technical information

| Material |                                |
|----------|--------------------------------|
| Material | Brass, nickel-plated           |
| Seal     | Acrylonitrile butadiene rubber |

Dimensions

Dimensions



Dimensions

| Part No.   | Port G | Ø E | H   | L1  | SW1 |
|------------|--------|-----|-----|-----|-----|
| 8639000700 | M7     | 11  | 5.5 | 4   | 3   |
| 8639001800 | G 1/8  | 14  | 5.5 | 2.5 | 5   |
| 8639001400 | G 1/4  | 18  | 6.5 | 3.5 | 6   |
| 8639003800 | G 3/8  | 21  | 7.5 | 4   | 8   |
| 8639001200 | G 1/2  | 26  | 9   | 4   | 10  |

# Bulkhead connector, through internal thread

- M5 G 1/8 G 1/4 G 3/8 G 1/2 G 3/4 G 1
- FPT-S-RSG



Working pressure min./max.  
Ambient temperature min./max.

See table below  
See table below

## Technical data

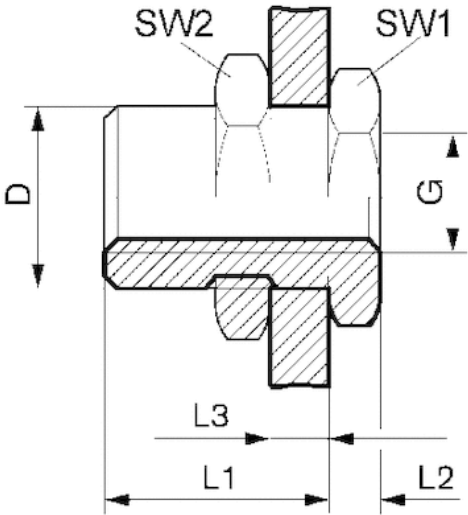
| Part No.   | Port G | Delivery unit | Material        |
|------------|--------|---------------|-----------------|
| 1823391225 | M5     | 5 piece       | Brass           |
| 1823391226 | G 1/8  | 5 piece       | Brass           |
| 1823391227 | G 1/4  | 5 piece       | Brass           |
| 1823391228 | G 3/8  | 5 piece       | Brass           |
| 1823391262 | G 1/2  | 2 piece       | Brass           |
| 8623003400 | G 3/4  | 2 piece       | Brass           |
| R412026571 | G 1    | 2 piece       | Brass           |
| R415009441 | G 1    | 2 piece       | Stainless steel |

## Technical information

| Material |                                      |
|----------|--------------------------------------|
| Material | Brass, nickel-plated Stainless steel |

Dimensions

Dimensions



Dimensions

| Part No.   | Port G | D       | L1   | L2  | L3 1) | SW1 | SW2 |
|------------|--------|---------|------|-----|-------|-----|-----|
| 1823391225 | M5     | M10x1   | 10.5 | 3.5 | 7     | 14  | 14  |
| 1823391226 | G 1/8  | M16x1,5 | 14   | 4   | 10    | 19  | 22  |
| 1823391227 | G 1/4  | M20x1,5 | 21   | 4   | 16    | 24  | 27  |
| 1823391228 | G 3/8  | M26x1,5 | 21   | 5   | 15    | 30  | 32  |
| 1823391262 | G 1/2  | M28x1,5 | 27   | 6   | 21    | 32  | 36  |
| 8623003400 | G 3/4  | M34x2   | 30   | 6   | 24    | 41  | 41  |
| R412026571 | G 1    | M42x2   | 34   | -   | -     | 46  | 50  |
| R415009441 | G 1    | M42x2   | 42   | -   | -     | 46  | 50  |

1) Max.

# Elbow fitting

- Internal thread
- G 1/4 G 1/2
- External thread
- R 1/4 R 1/2
- FPT-S-RLT



Working pressure min./max.
-0.95 ... 16 bar

Ambient temperature min./max.
-20 ... 150 °C

## Technical data

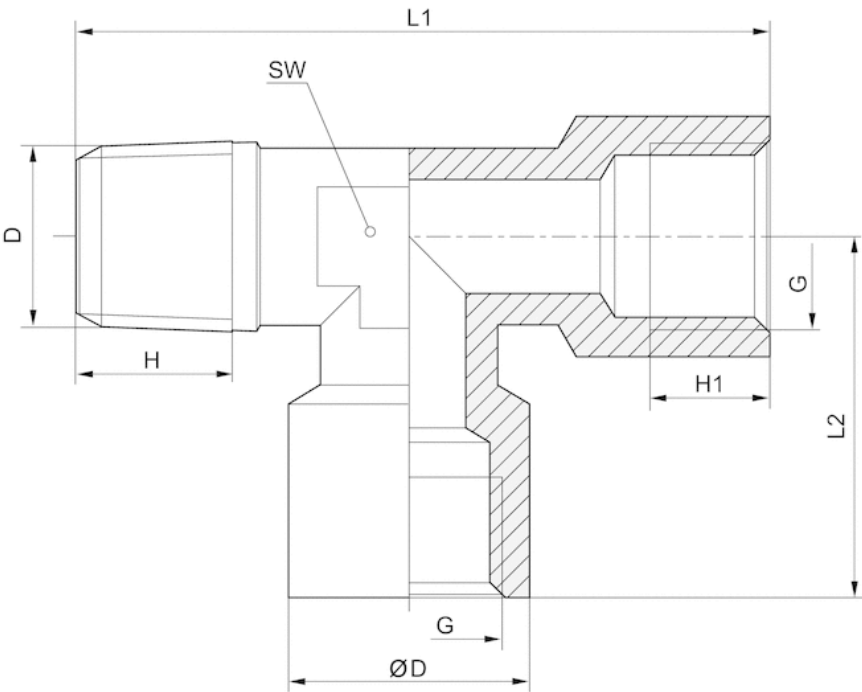
| Part No.   | Port G | Port D |
|------------|--------|--------|
| R412010724 | G 1/4  | R 1/4  |
| R412010725 | G 1/2  | R 1/2  |

## Technical information

| Material |                 |
|----------|-----------------|
| Material | Stainless steel |

Dimensions

Dimensions



Dimensions

| Part No.   | Port D | Port G | H  | H1 | L1   | L2   | Ø D  | SW |
|------------|--------|--------|----|----|------|------|------|----|
| R412010724 | R 1/4  | G 1/4  | 11 | 11 | 47.5 | 24.5 | 24.5 | 12 |
| R412010725 | R 1/2  | G 1/2  | 14 | 15 | 61.5 | 32   | 25.5 | 20 |



# Elbow fitting

- Internal thread
- G 1/8 G 1/4 G 3/8 G 1/2 G 3/4 G 1
- External thread
- R 1/8 R 1/4 R 3/8 R 1/2 R 3/4 R 1
- FPT-S-RLT



Working pressure min./max.

0 ... 16 bar

Ambient temperature min./max.

-20 ... 80 °C

## Technical data

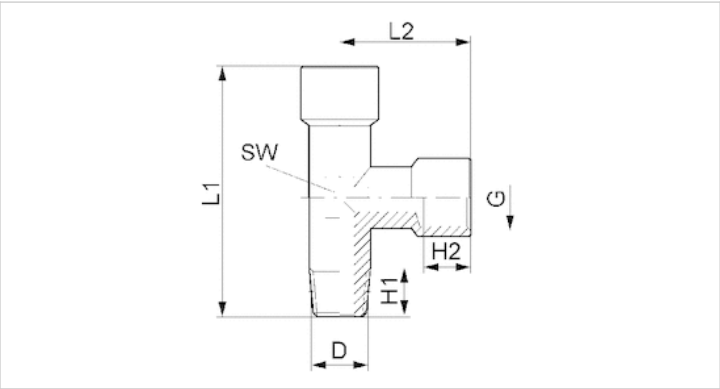
| Part No.   | Port G | Port D | Delivery unit |
|------------|--------|--------|---------------|
| 1823391751 | G 1/8  | R 1/8  | 10 piece      |
| 1823391752 | G 1/4  | R 1/4  | 10 piece      |
| 1823391753 | G 3/8  | R 3/8  | 5 piece       |
| 1823391754 | G 1/2  | R 1/2  | 5 piece       |
| 1823391755 | G 3/4  | R 3/4  | 2 piece       |
| 1823391756 | G 1    | R 1    | 2 piece       |

## Technical information

| Material |                      |
|----------|----------------------|
| Material | Brass, nickel-plated |

Dimensions

Dimensions



Dimensions

| Part No.   | Port D | Port G | H1   | H2  | L1   | L2   | SW |
|------------|--------|--------|------|-----|------|------|----|
| 1823391751 | R 1/8  | G 1/8  | 8.5  | 7   | 40   | 21   | 10 |
| 1823391752 | R 1/4  | G 1/4  | 11.5 | 9   | 49   | 25.5 | 13 |
| 1823391753 | R 3/8  | G 3/8  | 12.5 | 9.5 | 54.5 | 28   | 17 |
| 1823391754 | R 1/2  | G 1/2  | 13   | 13  | 64.5 | 33   | 21 |
| 1823391755 | R 3/4  | G 3/4  | 15   | 15  | 68.5 | 36.5 | 25 |
| 1823391756 | R 1    | G 1    | 17   | 17  | 84   | 45   | 30 |

# T-union

- Internal thread
- G 1/8 G 1/4 G 3/8 G 1/2 G 3/4 G 1
- FPT-S-RTK



Working pressure min./max.

0 ... 16 bar

Ambient temperature min./max.

-20 ... 80 °C

## Technical data

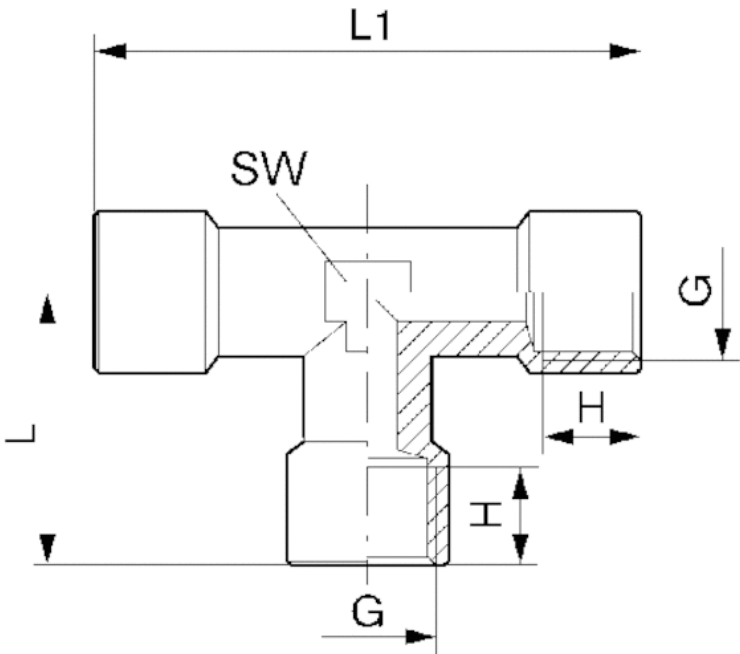
| Part No.   | Port G | Delivery unit |
|------------|--------|---------------|
| 1823391739 | G 1/8  | 10 piece      |
| 1823391740 | G 1/4  | 10 piece      |
| 1823391741 | G 3/8  | 5 piece       |
| 1823391742 | G 1/2  | 5 piece       |
| 1823391743 | G 3/4  | 2 piece       |
| 1823391744 | G 1    | 2 piece       |

## Technical information

| Material |                      |
|----------|----------------------|
| Material | Brass, nickel-plated |

Dimensions

Dimensions



Dimensions

| Part No.   | Port G | H    | L    | L1 | SW |
|------------|--------|------|------|----|----|
| 1823391739 | G 1/8  | 8    | 21   | 42 | 10 |
| 1823391740 | G 1/4  | 11   | 25.5 | 51 | 13 |
| 1823391741 | G 3/8  | 11.5 | 28   | 56 | 17 |
| 1823391742 | G 1/2  | 15   | 33   | 67 | 21 |
| 1823391743 | G 3/4  | 16.5 | 36   | 73 | 25 |
| 1823391744 | G 1    | 19   | 45   | 90 | 36 |

# T-union

- Internal thread
- G 1/8 G 1/4 G 3/8 G 1/2 G 3/4 G 1
- External thread
- R 1/8 R 1/4 R 3/8 R 1/2 R 3/4 R 1
- FPT-S-RTT



Working pressure min./max.

0 ... 16 bar

Ambient temperature min./max.

-20 ... 80 °C

## Technical data

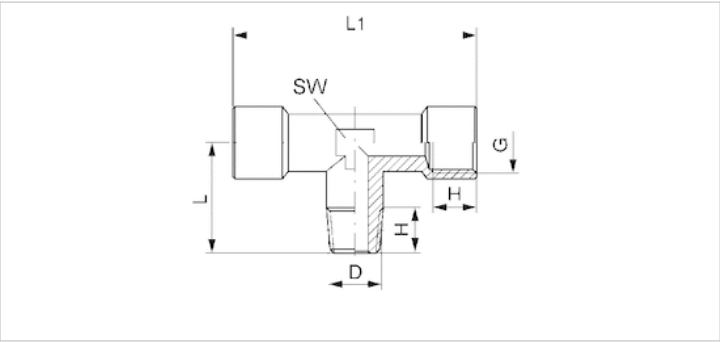
| Part No.   | Port G | Port D | Delivery unit |
|------------|--------|--------|---------------|
| 1823391745 | G 1/8  | R 1/8  | 10 piece      |
| 1823391746 | G 1/4  | R 1/4  | 10 piece      |
| 1823391747 | G 3/8  | R 3/8  | 5 piece       |
| 1823391748 | G 1/2  | R 1/2  | 5 piece       |
| 1823391749 | G 3/4  | R 3/4  | 2 piece       |
| 1823391750 | G 1    | R 1    | 2 piece       |

## Technical information

| Material |                      |
|----------|----------------------|
| Material | Brass, nickel-plated |

Dimensions

Dimensions



Dimensions

| Part No.   | Port D | Port G | H    | L    | L1 | SW |
|------------|--------|--------|------|------|----|----|
| 1823391745 | R 1/8  | G 1/8  | 8.2  | 19   | 42 | 10 |
| 1823391746 | R 1/4  | G 1/4  | 11   | 24   | 51 | 13 |
| 1823391747 | R 3/8  | G 3/8  | 11.5 | 26.5 | 56 | 17 |
| 1823391748 | R 1/2  | G 1/2  | 15   | 31.5 | 67 | 21 |
| 1823391749 | R 3/4  | G 3/4  | 16.5 | 32   | 73 | 25 |
| 1823391750 | R 1    | G 1    | 19   | 39   | 90 | 30 |

# Elbow fitting

- Internal thread
- G 1/8 G 1/4 G 3/8 G 1/2 G 3/4 G 1
- FPT-S-RVK



Working pressure min./max.

0 ... 16 bar

Ambient temperature min./max.

-20 ... 80 °C

## Technical data

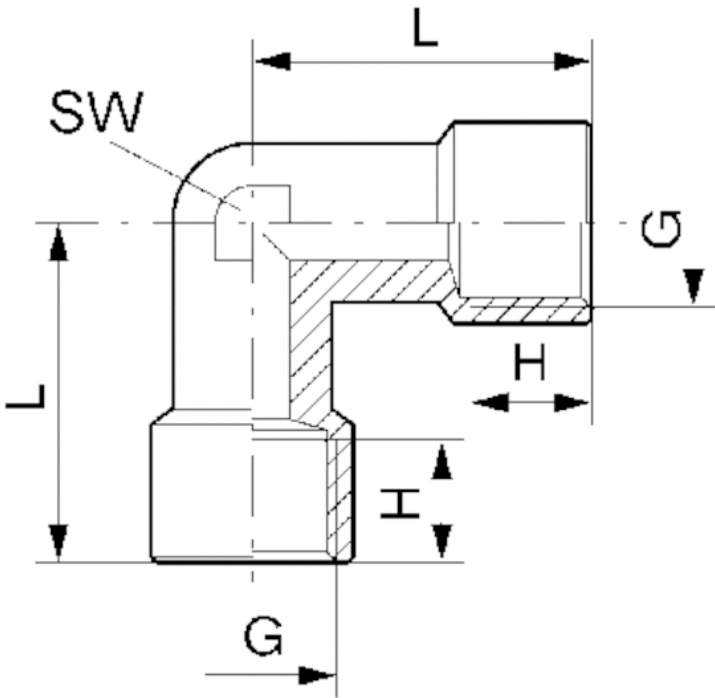
| Part No.   | Port G | Delivery unit |
|------------|--------|---------------|
| 1823391721 | G 1/8  | 10 piece      |
| 1823391722 | G 1/4  | 10 piece      |
| 1823391723 | G 3/8  | 5 piece       |
| 1823391724 | G 1/2  | 5 piece       |
| 1823391725 | G 3/4  | 2 piece       |
| 1823391726 | G 1    | 2 piece       |

## Technical information

| Material |                      |
|----------|----------------------|
| Material | Brass, nickel-plated |

Dimensions

Dimensions



Dimensions

| Part No.   | Port G | H    | L    | SW |
|------------|--------|------|------|----|
| 1823391721 | G 1/8  | 8.2  | 21   | 10 |
| 1823391722 | G 1/4  | 11.4 | 25.5 | 13 |
| 1823391723 | G 3/8  | 11.3 | 28   | 17 |
| 1823391724 | G 1/2  | 15   | 34   | 21 |
| 1823391725 | G 3/4  | 16.5 | 36   | 25 |
| 1823391726 | G 1    | 19   | 45   | 30 |



# Elbow fitting, tapered

- External thread
- R 1/8 R 1/4 R 3/8 R 1/2 R 3/4 R 1



Working pressure min./max.
  
Ambient temperature min./max.

0 ... 16 bar
  
-20 ... 80 °C

## Technical data

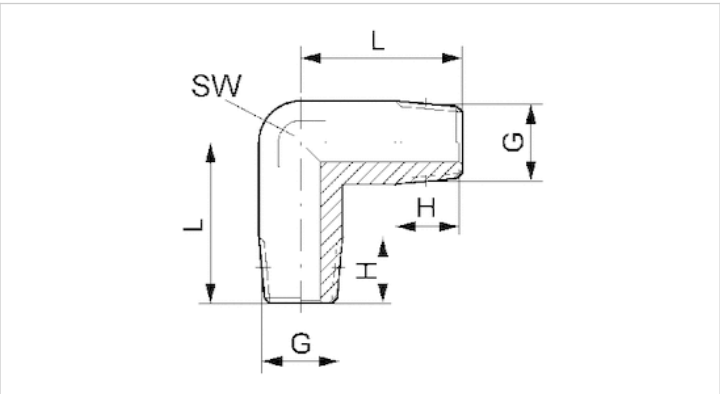
| Part No.   | Type      | Port G | Delivery unit |
|------------|-----------|--------|---------------|
| 1823391733 | FPT-S-RVK | R 1/8  | 10 piece      |
| 1823391734 | FPT-S-RVK | R 1/4  | 10 piece      |
| 1823391735 | FPT-S-RVK | R 3/8  | 5 piece       |
| 1823391736 | FPT-S-RVK | R 1/2  | 5 piece       |
| 1823391737 | FPT-S-RVK | R 3/4  | 2 piece       |
| 1823391738 | -         | R 1    | 2 piece       |

## Technical information

| Material |                      |
|----------|----------------------|
| Material | Brass, nickel-plated |

## Dimensions

### Dimensions



## Dimensions

| Part No.   | Port G | H    | L    | SW |
|------------|--------|------|------|----|
| 1823391733 | R 1/8  | 8,0  | 19,0 | 10 |
| 1823391734 | R 1/4  | 11,0 | 24,0 | 13 |
| 1823391735 | R 3/8  | 11.5 | 26.5 | 17 |
| 1823391736 | R 1/2  | 15,0 | 30,0 | 21 |
| 1823391737 | R 3/4  | 14.5 | 32,0 | 25 |
| 1823391738 | R 1    | 16.8 | 39,0 | 30 |

# Elbow fitting

- External thread
- R 1/8 R 1/4 R 3/8 R 1/2 R 3/4 R 1
- Internal thread
- G 1/8 G 1/4 G 3/8 G 1/2 G 3/4 G 1
- FPT-S-RVT



Working pressure min./max.

0 ... 16 bar

Ambient temperature min./max.

-20 ... 80 °C

## Technical data

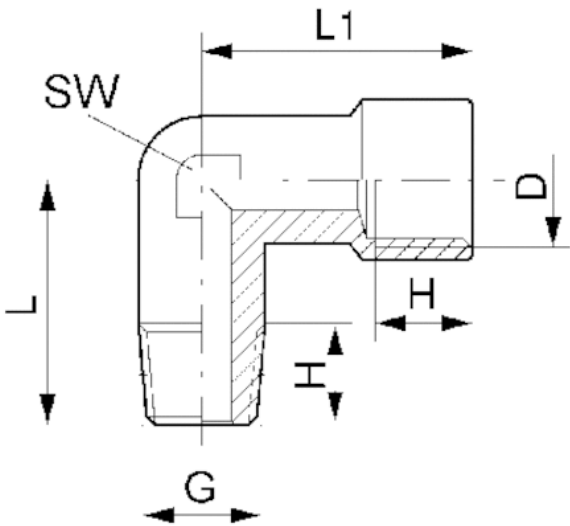
| Part No.   | Port G | Port D | Delivery unit |
|------------|--------|--------|---------------|
| 1823391727 | R 1/8  | G 1/8  | 10 piece      |
| 1823391728 | R 1/4  | G 1/4  | 10 piece      |
| 1823391729 | R 3/8  | G 3/8  | 5 piece       |
| 1823391730 | R 1/2  | G 1/2  | 5 piece       |
| 1823391731 | R 3/4  | G 3/4  | 2 piece       |
| 1823391732 | R 1    | G 1    | 2 piece       |

## Technical information

| Material |                      |
|----------|----------------------|
| Material | Brass, nickel-plated |

Dimensions

Dimensions



Dimensions

| Part No.   | Port D | Port G | H1   | H2  | L    | L1   | SW |
|------------|--------|--------|------|-----|------|------|----|
| 1823391727 | G 1/8  | R 1/8  | 8    | 7   | 19   | 21   | 10 |
| 1823391728 | G 1/4  | R 1/4  | 11   | 9   | 24   | 25.5 | 13 |
| 1823391729 | G 3/8  | R 3/8  | 11.5 | 9.5 | 26.5 | 28   | 17 |
| 1823391730 | G 1/2  | R 1/2  | 13   | 13  | 30.5 | 33   | 21 |
| 1823391731 | G 3/4  | R 3/4  | 14   | 14  | 32   | 36   | 25 |
| 1823391732 | G 1    | R 1    | 15   | 15  | 39   | 45   | 30 |

# Blanking screw, gasket

- M5
- FPT-S-RBI



Working pressure min./max.  
Ambient temperature min./max.

0 ... 16 bar  
-20 ... 80 °C  
The delivered product may vary from that in the illustration.

## Technical data

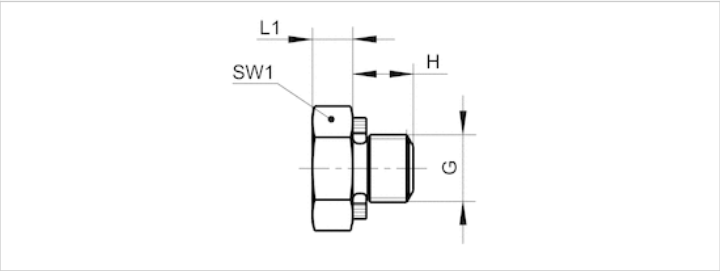
| Part No.   | Port G | Delivery unit |
|------------|--------|---------------|
| 1823462016 | M5     | 25 piece      |

## Technical information

| Material |                          |
|----------|--------------------------|
| Material | Steel, galvanized        |
| Seal     | Polyvinyl chloride, hard |

## Dimensions

### Dimensions



## Dimensions

| Port G | H   | L1 | SW1 |
|--------|-----|----|-----|
| M5     | 4.5 | 3  | 8   |

# Blanking screw, gasket

- G 1/8 G 1/4 G 3/8 G 1/2 G 3/4 G 1
- FPT-S-RBI



Working pressure min./max.  
Ambient temperature min./max.

0 ... 16 bar  
-20 ... 80 °C  
The delivered product may vary from that in the illustration.

## Technical data

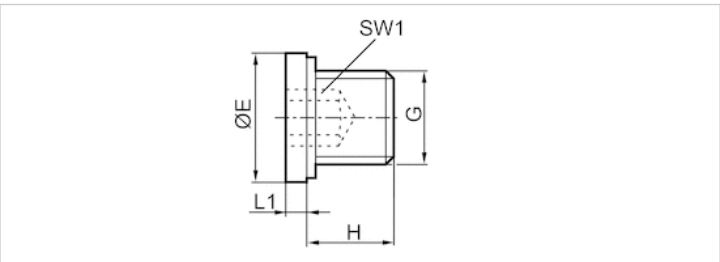
| Part No.   | Port G | Delivery unit |
|------------|--------|---------------|
| 1823462028 | G 1/8  | 25 piece      |
| 1823462029 | G 1/4  | 25 piece      |
| 1823462030 | G 3/8  | 25 piece      |
| 1823462031 | G 1/2  | 25 piece      |
| 1823462032 | G 3/4  | 10 piece      |
| 1823462033 | G 1    | 5 piece       |

## Technical information

| Material |                          |
|----------|--------------------------|
| Material | Steel, galvanized        |
| Seal     | Polyvinyl chloride, hard |

## Dimensions

### Dimensions



## Dimensions

| Port G | Ø E | H  | L1 | SW1 |
|--------|-----|----|----|-----|
| G 1/8  | 14  | 8  | 3  | 5   |
| G 1/4  | 18  | 12 | 3  | 6   |
| G 3/8  | 22  | 12 | 3  | 8   |
| G 1/2  | 26  | 14 | 4  | 10  |
| G 3/4  | 32  | 16 | 4  | 12  |
| G 1    | 39  | 16 | 5  | 17  |

# plugs

- G 1/8 G 1/4 G 3/8 G 1/2



Working pressure min./max.  
Ambient temperature min./max.

0 ... 150 bar  
-20 ... 150 °C

## Technical data

| Part No.   | Port G | Internal wrench size (ISW) |
|------------|--------|----------------------------|
| R412026840 | G 1/8  | 5 mm                       |
| R412026841 | G 1/4  | 6 mm                       |
| R412026842 | G 3/8  | 8 mm                       |
| R412026844 | G 1/2  | 10 mm                      |

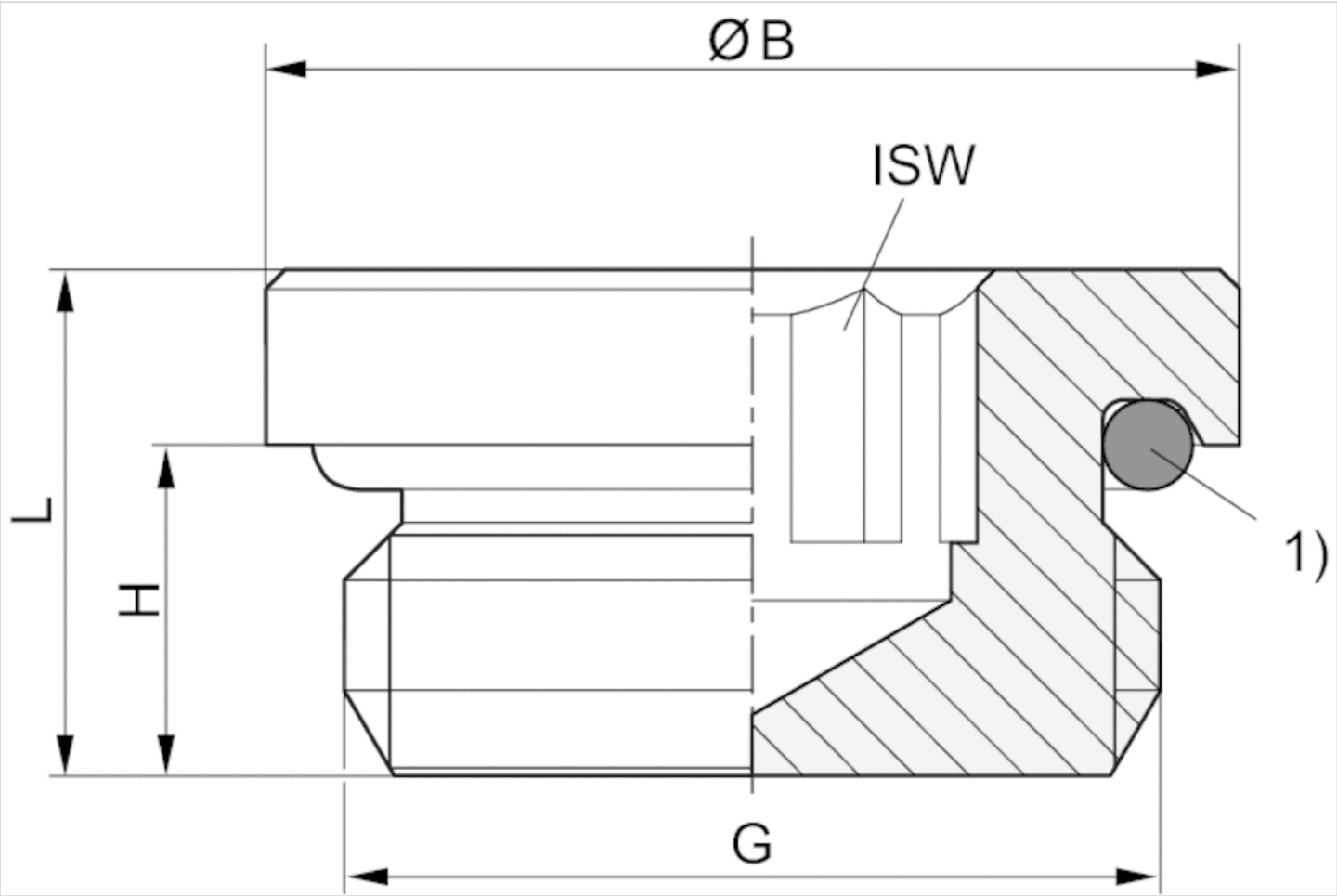
## Technical information

| Material |                  |
|----------|------------------|
| Material | Stainless steel  |
| Seal     | Fluorocaoutchouc |



Dimensions

Dimensions



1) O-ring, FKM

Dimensions

| Port G | ISW   | H   | $\varnothing B$ | L    |
|--------|-------|-----|-----------------|------|
| G 1/8  | 5 mm  | 6   | 14              | 9,5  |
| G 1/4  | 6 mm  | 8   | 17              | 11,5 |
| G 3/8  | 8 mm  | 9   | 20              | 12,5 |
| G 1/2  | 10 mm | 8,5 | 25              | 13   |

# Sleeve

- Internal thread
- M5 M8 M10x1,25 M12x1,25 G 1/8 G 1/4 G 3/8 G 1/2 G 3/4 G 1
- Internal thread
- M5 G 1/8 M8 G 1/4 G 3/8 G 1/2 G 3/4 G 1
- FPT-S-RSK



Working pressure min./max.

0 ... 16 bar

Ambient temperature min./max.

-20 ... 80 °C

## Technical data

| Part No.   | Port G   | Port D | Delivery unit |
|------------|----------|--------|---------------|
| 1823300012 | M5       | M5     | 10 piece      |
| 8932403214 | M5       | G 1/8  | 10 piece      |
| R412010028 | M8       | M8     | 10 piece      |
| 1823373084 | M10x1,25 | G 1/8  | 10 piece      |
| 1823373085 | M10x1,25 | G 1/4  | 10 piece      |
| 1823373086 | M12x1,25 | G 1/8  | 10 piece      |
| 1823373087 | M12x1,25 | G 1/4  | 10 piece      |
| 1823300000 | G 1/8    | G 1/8  | 10 piece      |
| 1823300001 | G 1/4    | G 1/4  | 10 piece      |
| 1823300002 | G 3/8    | G 3/8  | 10 piece      |
| 1823300008 | G 1/2    | G 1/2  | 5 piece       |
| 1823300035 | G 3/4    | G 3/4  | 2 piece       |
| 1823300036 | G 1      | G 1    | 2 piece       |

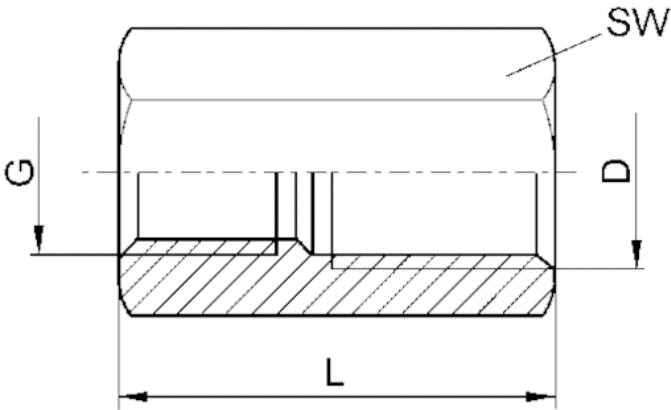
## Technical information

### Material

|          |                      |
|----------|----------------------|
| Material | Brass, nickel-plated |
|----------|----------------------|

Dimensions

Dimensions



Dimensions

| Part No.   | Port D | Port G   | L  | SW |
|------------|--------|----------|----|----|
| 1823300012 | M5     | M5       | 10 | 8  |
| 8932403214 | G 1/8  | M5       | 14 | 14 |
| R412010028 | M8     | M8       | 15 | 11 |
| 1823373084 | G 1/8  | M10x1,25 | 31 | 13 |
| 1823373085 | G 1/4  | M10x1,25 | 34 | 17 |
| 1823373086 | G 1/8  | M12x1,25 | 31 | 17 |
| 1823373087 | G 1/4  | M12x1,25 | 34 | 17 |
| 1823300000 | G 1/8  | G 1/8    | 15 | 13 |
| 1823300001 | G 1/4  | G 1/4    | 22 | 17 |
| 1823300002 | G 3/8  | G 3/8    | 22 | 22 |
| 1823300008 | G 1/2  | G 1/2    | 26 | 27 |
| 1823300035 | G 3/4  | G 3/4    | 34 | 32 |
| 1823300036 | G 1    | G 1      | 38 | 41 |

# Adapter

- External thread
- M5 G 1/8 G 1/4 G 3/8
- Internal thread
- G 1/8 G 1/4 G 3/8 G 1/2
- FPT-S-REN



Working pressure min./max.

0 ... 16 bar

Ambient temperature min./max.

-20 ... 80 °C

Weight per piece

See table below

## Technical data

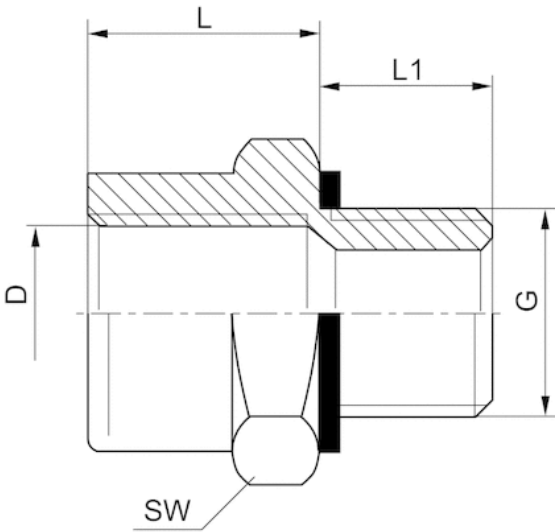
| Part No.   | Port G | Port D | Delivery unit | Weight per piece |
|------------|--------|--------|---------------|------------------|
| 8633051800 | M5     | G 1/8  | 10 piece      | 0.01 kg          |
| 2122918140 | G 1/8  | G 1/4  | 10 piece      | 0.02 kg          |
| 2122914380 | G 1/4  | G 3/8  | 10 piece      | 0.03 kg          |
| 8633141200 | G 1/4  | G 1/2  | 10 piece      | 0.04 kg          |
| 2122938120 | G 3/8  | G 1/2  | 10 piece      | 0.04 kg          |

## Technical information

| Material |                      |
|----------|----------------------|
| Material | Brass, nickel-plated |
| Seal     | Polyvinyl chloride   |

Dimensions

Dimensions



Dimensions

| Part No.   | Port D | Port G | L    | L1 | SW |
|------------|--------|--------|------|----|----|
| 8633051800 | G 1/8  | M5     | 14   | 4  | 14 |
| 2122918140 | G 1/4  | G 1/8  | 13,5 | 6  | 17 |
| 2122914380 | G 3/8  | G 1/4  | 14,5 | 8  | 22 |
| 8633141200 | G 1/2  | G 1/4  | 18   | 8  | 24 |
| 2122938120 | G 1/2  | G 3/8  | 27   | 9  | 26 |

# Crosspiece, tapered

- Internal thread
- G 1/8 G 1/4 G 3/8 G 1/2
- External thread
- R 1/8 R 1/4 R 3/8 R 1/2
- FPT-S-RXS



Working pressure min./max.
  
Ambient temperature min./max.

0 ... 16 bar
  
-20 ... 80 °C

## Technical data

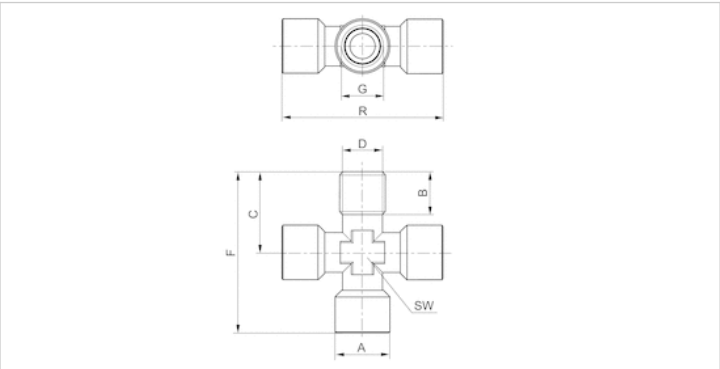
| Part No.   | Port G | Port D | Delivery unit |
|------------|--------|--------|---------------|
| R412010031 | G 1/8  | R 1/8  | 10 piece      |
| R412010032 | G 1/4  | R 1/4  | 10 piece      |
| R412010033 | G 3/8  | R 3/8  | 5 piece       |
| R412010034 | G 1/2  | R 1/2  | 5 piece       |

## Technical information

| Material |                      |
|----------|----------------------|
| Material | Brass, nickel-plated |

## Dimensions

### Dimensions



Dimensions

| Part No.   | Port D | Port G | A  | B    | C    | R  | E  | F    | SW |
|------------|--------|--------|----|------|------|----|----|------|----|
| R412010031 | R 1/8  | G 1/8  | 13 | 8    | 18.5 | 42 | 6  | 39.5 | 10 |
| R412010032 | R 1/4  | G 1/4  | 17 | 11   | 23.5 | 51 | 8  | 49.5 | 13 |
| R412010033 | R 3/8  | G 3/8  | 21 | 11.5 | 26   | 56 | 11 | 54   | 17 |
| R412010034 | R 1/2  | G 1/2  | 26 | 14.5 | 31   | 67 | 15 | 64   | 21 |

# Filler neck

- Enables use of bellow actuators for vibration isolation
- G 1/8 G 1/4 1/4 - 18 NPTF



Working pressure min./max.  
Ambient temperature min./max.  
Medium

0 ... 20 bar  
-50 ... 130 °C  
Compressed air

## Technical data

| Part No.   | Port G        | Fig.   |
|------------|---------------|--------|
| R412007945 | G 1/8         | Fig. 1 |
| 3900040040 | G 1/4         | Fig. 2 |
| R412010046 | 1/4 - 18 NPTF | Fig. 3 |

## Technical information

| Material |       |
|----------|-------|
| Material | Brass |



Dimensions

Fig. 1

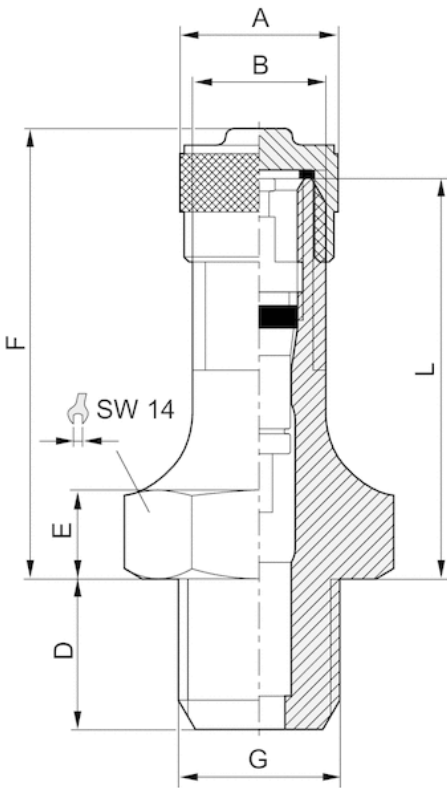


Fig. 2

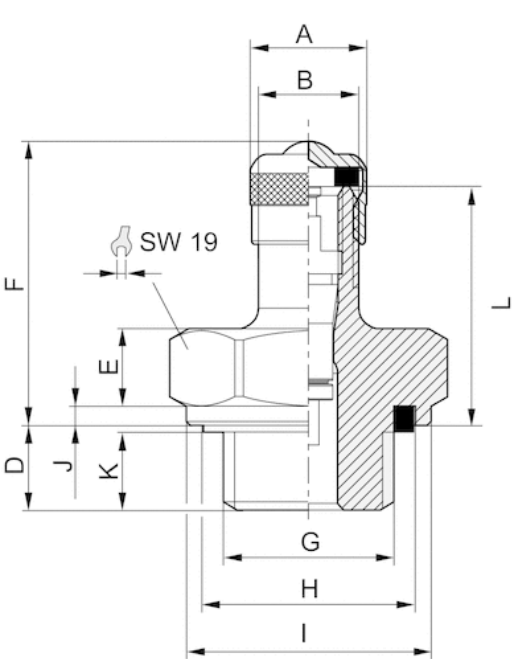
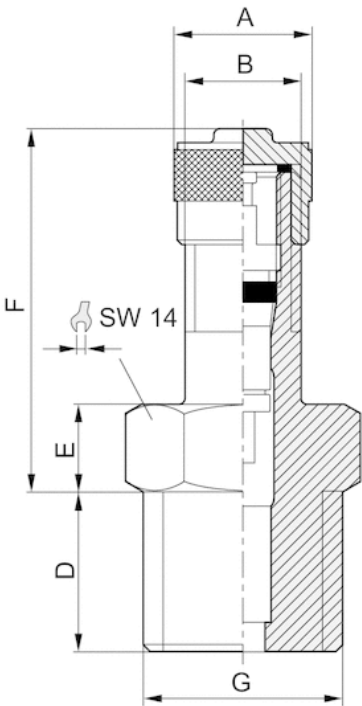


Fig. 3



Dimensions

| Part No.   | Port G        | ØA  | B 1) | D   | E | F  | H    | I    | J   | K 2) | L    | Fig.   |
|------------|---------------|-----|------|-----|---|----|------|------|-----|------|------|--------|
| R412007945 | G 1/8         | 9.5 | 8    | 9   | 5 | 27 | -    | -    | -   | -    | 24   | Fig. 1 |
| 3900040040 | G 1/4         | 9   | 8    | 6.5 | 6 | 22 | 16.5 | 18.9 | 1.5 | 5.5  | 18.5 | Fig. 2 |
| R412010046 | 1/4 - 18 NPTF | 9.5 | 8    | 11  | 6 | 25 | -    | -    | -   | -    | -    | Fig. 3 |

1) 8V1-1↔ETRTO V0.07.3

2) Min.

# Straight fitting

- G 3/4



Working pressure min./max.
0 ... 10 bar

Ambient temperature min./max.
-20 ... 150 °C

## Technical data

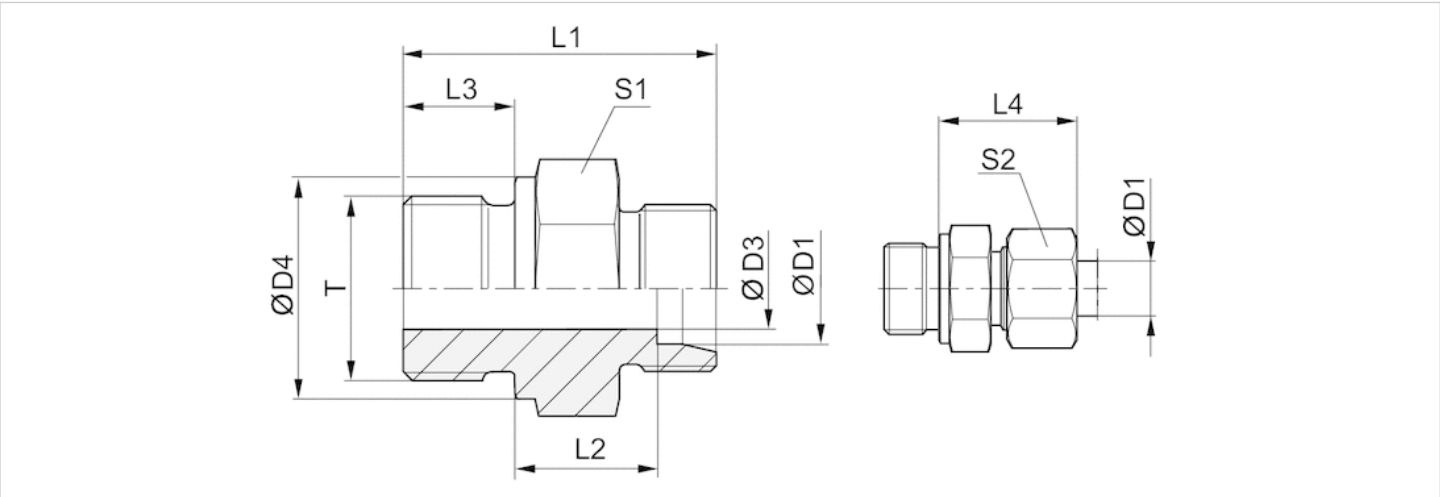
| Part No.   | Port G |
|------------|--------|
| 8938028550 | G 3/4  |
| 8938028560 | G 3/4  |

## Technical information

| Material |       |
|----------|-------|
| Material | Steel |

## Dimensions

### Dimensions



## Dimensions

| Part No.   | Port G | ØD1 | ØD3 | ØD4 | L1 | L2   | L3 | L4 | S1 | S2 | T    |
|------------|--------|-----|-----|-----|----|------|----|----|----|----|------|
| 8938028550 | G 3/4  | 18  | 15  | 32  | 38 | 14,5 | 16 | 30 | 32 | 32 | G3/4 |
| 8938028560 | G 3/4  | 22  | 18  | 32  | 40 | 16,5 | 16 | 33 | 32 | 36 | G3/4 |

- M4 M5 M6 M8 M10 M12



| Part No.   | Port G | Delivery unit | Fig.   |
|------------|--------|---------------|--------|
| R412024762 | M4     | 4 piece       | Fig. 1 |
| R412024763 | M5     | 4 piece       | Fig. 1 |
| R402003749 | M6     | 4 piece       | Fig. 1 |
| R402003750 | M8     | 4 piece       | Fig. 1 |
| R402003751 | M10    | 4 piece       | Fig. 2 |
| R402003752 | M12    | 4 piece       | Fig. 2 |

| Material |                 |
|----------|-----------------|
| Material | Stainless steel |

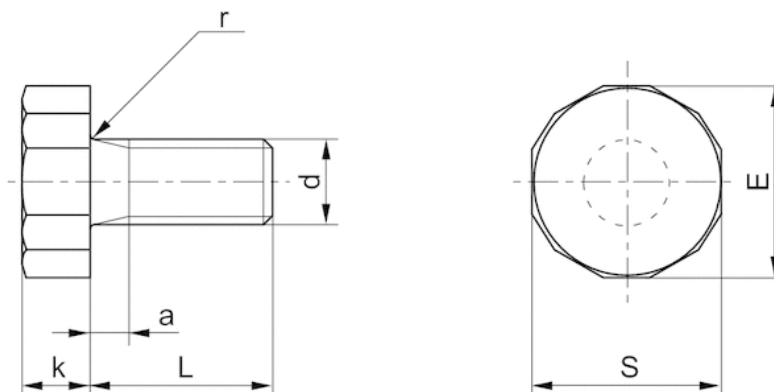
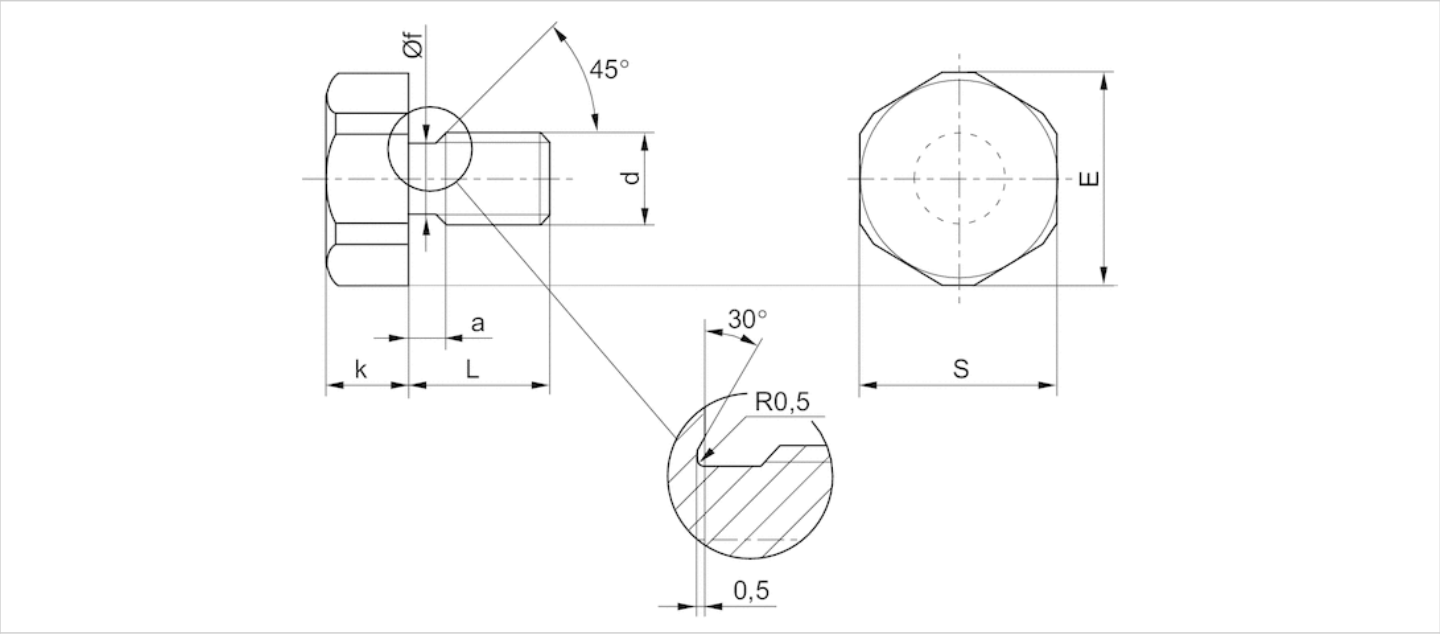


Fig. 2



Dimensions in mm

| Part No.   | a | d   | E   | k   | L    | S   | r   |
|------------|---|-----|-----|-----|------|-----|-----|
| R412024762 | 2 | M4  | 9.8 | 3.9 | 10   | 9.8 | 0.5 |
| R412024763 | 3 | M5  | 11  | 4   | 12   | 12  | 0.5 |
| R402003749 | 3 | M6  | 14  | 5.3 | 16   | 13  | 0.7 |
| R402003750 | 3 | M8  | 18  | 6.4 | 17   | 16  | 0.7 |
| R402003751 | 4 | M10 | 24  | 7,9 | 8.8  | 15  | 21  |
| R402003752 | 4 | M12 | 30  | 9,5 | 11.5 | 18  | 27  |

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