

Fast Coupling for:

- Monitoring and control of pressure
- Venting
- Sampling Fluids

Advantages:

- Coupling at system pressure level
- Connection is leakproof before ball valve is open
- Simple connection to measurement, control and switching devices

Working Pressure:

- Max. working pressure 5800 PSI (400 bar)
For SMK Type G, K and S the recommended working pressure of fitting manufacturer should be noted

Materials:

- Metal parts: Steel, Stainless Steel on request
- Ball: Stainless Steel
- Seals:
 - Standard
V = FPM-VITON Temperature range - 4°F to + 392°F (- 20°C to + 200°C)
 - Optional
P = NBR-BUNA Temperature range - 4°F to + 195°F (- 20°C to + 90°C)
E = EPDM Ethylene Propylene (for Brake Fluid) Temperature range - 40°F to + 302°F (- 40°C to + 150°C)
- Hose: Polyamide Temperature range -31°F to + 212°F (-35°C to + 100°C)

Media:

- Suitable for hydraulic oils and other mineral based fluids (check compatibility of seal material)
- For use with low viscosity media or gaseous media, please consult STAUFF details

TEST

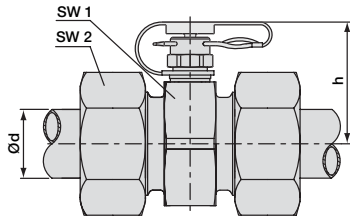
Test Coupling with Protective Cap SMK

| | Thread G | H | | Order No. | | Seal |
|--------------|-------------|------|----------------------|------------------------|---------------------------|---------------|
| | | mm | in | NBR (BUNA) | FPM (VITON) (Standard) | |
| | M 8 x 1 | 17,5 | 0.69 | SMK 10 – M 8 x 1 – PA | SMK 10 – M 8 x 1 – VA | O-Ring Type A |
| | M 10 x 1 | 17,5 | 0.69 | SMK 10 – M 10 x 1 – PA | SMK 10 – M 10 x 1 – VA | O-Ring Type A |
| R 1/8" taper | 17,5 | 0.69 | SMK 10 – R 1/8" K-PD | SMK 10 – R 1/8" K-VD | Taper Type D | |

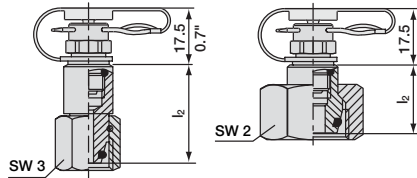
Port Connections

| <p>Type A</p> | d ₁ (G) | d ₂ | | t ₁ | | t ₂ | | <p>Type D</p> | d ₁ (G) | | t ₁ | | t ₂ | |
|----------------------|--------------------|----------------|------|----------------|------|----------------|------------|----------------------|--------------------|------|----------------|--------------|----------------|------|
| | | mm | in | mm | in | mm | in | | mm | in | mm | in | mm | in |
| | M 8 x 1 | 9,5 + 0,1 | 0.37 | 0.43 | 0.61 | M 10 x 1 | 11,5 + 0,1 | | 0.45 | 0.47 | 0.65 | R 1/8" taper | 5,5 | 0.22 |

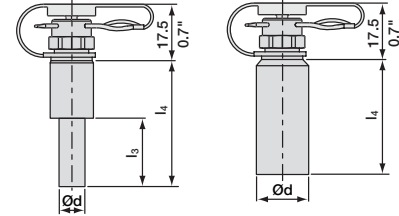
Test Coupling SMK (compression ring fittings acc. to DIN 2353) - Metric Tubing



Type G Test coupling complete with straight fitting



Type K Test coupling for 24° cone fittings



Type S Test coupling for compression ring assembly

TEST

| Series | PN | Pipe Ø d | l ₂ | | l ₃ | | l ₄ | | h | | SW 1 | | SW 2 | | SW 3 | | Order No.* | | |
|--------|-----|----------|----------------|------|----------------|------|----------------|------|------|------|------|------|------|-----------------|-----------------|-----------------|----------------|---------------|--------|
| | | | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | Type G |
| L | 315 | 6 | 30,5 | 20 | 36 | 29,5 | 24 | 14 | 1,20 | 0,79 | 1,42 | 1,16 | 0,94 | 0,55 | SMK 10 - 6L-VG | SMK 10 - 6L-VK | SMK 10 - 6-VS | | |
| | | 8 | 30,5 | 20 | 36 | 29,5 | 24 | 17 | 1,20 | 0,79 | 1,42 | 1,16 | 0,94 | 0,67 | SMK 10 - 8L-VG | SMK 10 - 8L-VK | SMK 10 - 8-VS | | |
| | | 10 | 31,5 | 22 | 38 | 29,5 | 24 | 19 | 1,24 | 0,87 | 1,50 | 1,16 | 0,94 | 0,75 | SMK 10 - 10L-VG | SMK 10 - 10L-VK | SMK 10 - 10-VS | | |
| | | 12 | 32,5 | 22 | 38 | 31 | 27 | 22 | 1,28 | 0,87 | 1,50 | 1,22 | 1,06 | 0,87 | SMK 10 - 12L-VG | SMK 10 - 12L-VK | SMK 10 - 12-VS | | |
| | | 15 | 21 | | 28 | 32,5 | 30 | 27 | 0,83 | | 1,10 | 1,28 | 1,18 | 1,06 | SMK 10 - 15L-VG | SMK 10 - 15L-VK | SMK 10 - 15-VS | | |
| | 18 | 19,5 | | 28 | 33,5 | 32 | 32 | 0,77 | | 1,10 | 1,32 | 1,26 | 1,26 | SMK 10 - 18L-VG | SMK 10 - 18L-VK | SMK 10 - 18-VS | | | |
| | 160 | 22 | 20,5 | | 30 | 35,5 | 36 | 36 | 0,81 | | 1,18 | 1,40 | 1,42 | 1,42 | SMK 10 - 22L-VG | SMK 10 - 22L-VK | SMK 10 - 22-VS | | |
| | | 28 | 25 | | 32 | 38 | 41 | 41 | 0,98 | | 1,26 | 1,50 | 1,61 | 1,61 | SMK 10 - 28L-VG | SMK 10 - 28L-VK | SMK 10 - 28-VS | | |
| | | 35 | 30 | | 42 | 40,5 | 46 | 50 | 1,18 | | 1,65 | 1,59 | 1,81 | 1,97 | SMK 10 - 35L-VG | SMK 10 - 35L-VK | SMK 10 - 35-VS | | |
| | | 42 | 31 | | 45 | 45 | 55 | 60 | 1,22 | | 1,77 | 1,77 | 2,17 | 2,36 | SMK 10 - 42L-VG | SMK 10 - 42L-VK | SMK 10 - 42-VS | | |
| S | | 630 | 6 | 29,5 | 20 | 36 | 29,5 | 24 | 17 | 1,16 | 0,79 | 1,42 | 1,16 | 0,94 | 0,67 | SMK 10 - 6S-VG | SMK 10 - 6S-VK | SMK 10 - 6-VS | |
| | 8 | | 31,5 | 20 | 36 | 29,5 | 24 | 19 | 1,24 | 0,79 | 1,42 | 1,16 | 0,94 | 0,75 | SMK 10 - 8S-VG | SMK 10 - 8S-VK | SMK 10 - 8-VS | | |
| | 10 | | 31,5 | 22 | 38 | 29,5 | 24 | 22 | 1,24 | 0,87 | 1,50 | 1,16 | 0,94 | 0,87 | SMK 10 - 10S-VG | SMK 10 - 10S-VK | SMK 10 - 10-VS | | |
| | 12 | | 32,5 | 22 | 38 | 29,5 | 24 | 24 | 1,28 | 0,87 | 1,50 | 1,16 | 0,94 | 0,94 | SMK 10 - 12S-VG | SMK 10 - 12S-VK | SMK 10 - 12-VS | | |
| | 14 | | 19,5 | 22 | 38 | 31 | 27 | 27 | 0,77 | 0,87 | 1,50 | 1,22 | 1,06 | 1,06 | SMK 10 - 14S-VG | SMK 10 - 14S-VK | SMK 10 - 14-VS | | |
| | 400 | 16 | 28 | | 28 | 32,5 | 30 | 30 | 1,10 | | 1,10 | 1,28 | 1,18 | 1,18 | SMK 10 - 16S-VG | SMK 10 - 16S-VK | SMK 10 - 16-VS | | |
| | | 20 | 24 | | 30 | 35,5 | 36 | 36 | 0,94 | | 1,18 | 1,40 | 1,42 | 1,42 | SMK 10 - 20S-VG | SMK 10 - 20S-VK | SMK 10 - 20-VS | | |
| | | 25 | 26 | | 36 | 38 | 41 | 46 | 1,02 | | 1,42 | 1,50 | 1,61 | 1,81 | SMK 10 - 25S-VG | SMK 10 - 25S-VK | SMK 10 - 25-VS | | |
| | | 30 | 30 | | 41 | 40,5 | 46 | 50 | 1,18 | | 1,61 | 1,59 | 1,81 | 1,97 | SMK 10 - 30S-VG | SMK 10 - 30S-VK | SMK 10 - 30-VS | | |
| | | 315 | 34 | | 48 | 45 | 55 | 60 | | | 1,89 | 1,77 | 2,17 | 2,36 | SMK 10 - 38S-VG | SMK 10 - 38S-VK | SMK 10 - 38-VS | | |
| | | | 38 | | | | | | | | | | | | | | | | |

* For EPDM seals replace "P" with "E"