

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

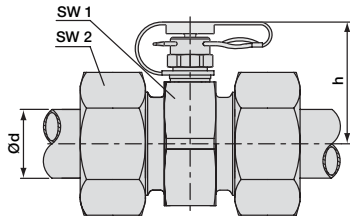
Test Coupling with Protective Cap SMK

	Thread G	H		Order No. (Add C6F for Standard Finish)		Seal
		mm	in	NBR (BUNA)	FPM (VITON) (Standard)	
	M8 x 1	17,5	0.69	SMK 10 - M8 x 1 - PA	SMK 10 - M8 x 1 - VA	O-Ring Type A
	M10 x 1	17,5	0.69	SMK 10 - M10 x 1 - PA	SMK 10 - M10 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

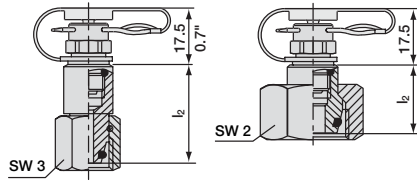
Port Connections

	d ₁ (G)	d ₂		t ₁		t ₂			d ₁ (G)		t ₁		t ₂	
		mm	in	mm	in	mm	in		mm	in	mm	in	mm	in
Type A	M 8 x 1	9,5 + 0,1		11		15,5		Type D	R 1/8" taper	5,5		9,5		
			0.37		0.43		0.61				0.22		0.37	
Type A	M 10 x 1	11,5 + 0,1		12		16,5								
			0.45		0.47		0.65							

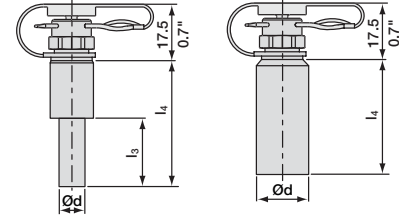
Test Coupling SMK (compression ring fittings acc. to DIN 2353) - Metric Tubing



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	Type K
L	315	6	30,5	1.20	20	0.79	36	1.42	29,5	1.16	24	0.94			14	0.55		SMK 10 - 6L-VG	SMK 10 - 6L-VK	SMK 10 - 6-VS
		8	30,5	1.20	20	0.79	36	1.42	29,5	1.16	24	0.94			17	0.67		SMK 10 - 8L-VG	SMK 10 - 8L-VK	SMK 10 - 8-VS
		10	31,5	1.24	22	0.87	38	1.50	29,5	1.16	24	0.94			19	0.75		SMK 10 - 10L-VG	SMK 10 - 10L-VK	SMK 10 - 10-VS
		12	32,5	1.28	22	0.87	38	1.50	31	1.22	27	1.06			22	0.87		SMK 10 - 12L-VG	SMK 10 - 12L-VK	SMK 10 - 12-VS
		15	21	0.83			28	1.10	32,5	1.28	30	1.18	27	1.06				SMK 10 - 15L-VG	SMK 10 - 15L-VK	SMK 10 - 15-VS
	18	19,5	0.77			28	1.10	33,5	1.32	32	1.26	32	1.26				SMK 10 - 18L-VG	SMK 10 - 18L-VK	SMK 10 - 18-VS	
	160	22	20,5	0.81			30	1.18	35,5	1.40	36	1.42	36	1.42				SMK 10 - 22L-VG	SMK 10 - 22L-VK	SMK 10 - 22-VS
		28	25	0.98			32	1.26	38	1.50	41	1.61	41	1.61				SMK 10 - 28L-VG	SMK 10 - 28L-VK	SMK 10 - 28-VS
		35	30	1.18			42	1.65	40,5	1.59	46	1.81	50	1.97				SMK 10 - 35L-VG	SMK 10 - 35L-VK	SMK 10 - 35-VS
		42	31	1.22			45	1.77	45	1.77	55	2.17	60	2.36				SMK 10 - 42L-VG	SMK 10 - 42L-VK	SMK 10 - 42-VS
S	630	6	29,5	1.16	20	0.79	36	1.42	29,5	1.16	24	0.94			17	0.67		SMK 10 - 6S-VG	SMK 10 - 6S-VK	SMK 10 - 6-VS
		8	31,5	1.24	20	0.79	36	1.42	29,5	1.16	24	0.94			19	0.75		SMK 10 - 8S-VG	SMK 10 - 8S-VK	SMK 10 - 8-VS
		10	31,5	1.24	22	0.87	38	1.50	29,5	1.16	24	0.94			22	0.87		SMK 10 - 10S-VG	SMK 10 - 10S-VK	SMK 10 - 10-VS
		12	32,5	1.28	22	0.87	38	1.50	29,5	1.16	24	0.94			24	0.94		SMK 10 - 12S-VG	SMK 10 - 12S-VK	SMK 10 - 12-VS
		14	19,5	0.77	22	0.87	38	1.50	31	1.22	27	1.06	27	1.06				SMK 10 - 14S-VG	SMK 10 - 14S-VK	SMK 10 - 14-VS
	400	16	28	1.10			28	1.10	32,5	1.28	30	1.18	30	1.18				SMK 10 - 16S-VG	SMK 10 - 16S-VK	SMK 10 - 16-VS
		20	24	0.94			30	1.18	35,5	1.40	36	1.42	36	1.42				SMK 10 - 20S-VG	SMK 10 - 20S-VK	SMK 10 - 20-VS
		25	26	1.02			36	1.42	38	1.50	41	1.61	46	1.81				SMK 10 - 25S-VG	SMK 10 - 25S-VK	SMK 10 - 25-VS
		30	30	1.18			41	1.61	40,5	1.59	46	1.81	50	1.97				SMK 10 - 30S-VG	SMK 10 - 30S-VK	SMK 10 - 30-VS
		315	34	1.34			48	1.89	45	1.77	55	2.17	60	2.36				SMK 10 - 38S-VG	SMK 10 - 38S-VK	SMK 10 - 38-VS

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