

Fast coupling for:

- Monitoring and control of pressure
- Venting
- Sampling in high, low and vacuum systems

Advantages:

- Coupling at system pressure level
- Leakproof connection before **ball valve** is open
- Simple connection to measuring, control and switching devices
- Self locking metal guard cap

Working pressure:

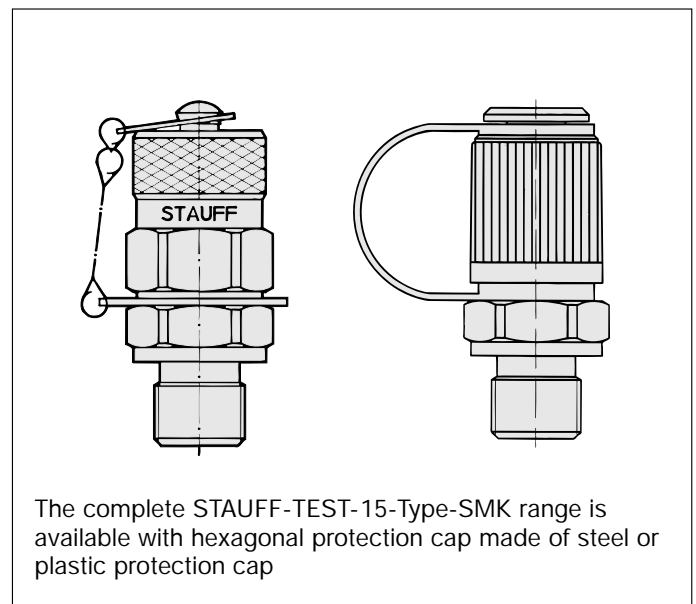
- Max. working pressure 630 bar
For SMK type G, K and S the recommended working pressure of fitting manufacturer has to be applied
- Joining under pressure up to 630 bar max.

Materials:

- Metal parts: Steel, Stainless Steel on request
- Ball: Stainless Steel
- Seals:
 - P = NBR (Temperature range - 20° C to + 90° C)
 - V = FPM (Temperature range - 20° C to + 200° C)
 - E = EPDM Ethylene Propylene (for Break Fluid)
 - Temperature range - 40° C to + 150° C
- Hose: Polyamide (Temperature range -35° C... 100° C max.)

Media:

- Suitable for hydraulic oils and other mineral oil based fluids (Please pay attention to the sealing materials used!)
- For use in conjunction with other liquid media please consult STAUFF



Test coupling with protective cap SMK

	Thread G	h	SW	Order No.		Seal
				NBR	FPM	
	M10 x 1	37	17	SMK 15 - M10 x 1 - PA	SMK 15 - M10 x 1 - VA	O-Ring Type A
	M14 x 1,5	37	19	SMK 15 - M14 x 1,5 - PB	SMK 15 - M14 x 1,5 - VB	Metal joint Type B
	M16 x 1,5	37	22	SMK 15 - M16 x 1,5 - PB	SMK 15 - M16 x 1,5 - VB	Metal joint Type B
	G 1/4	37	19	SMK 15 - G 1/4 - PB	SMK 15 - G 1/4 - VB	Metal joint Type B
	G 1/4	37	19	SMK 15 - G 1/4 - PC	SMK 15 - G 1/4 - VC	O-Ring Type C
	G 3/8	37	22	SMK 15 - G 3/8 - PB	SMK 15 - G 3/8 - VB	Metal joint Type B
	R 1/4 taper	36	17	SMK 15 - R 1/4 K-PD	SMK 15 - R 1/4 K-VD	Taper Type D
	1/4 NPT	35	17	SMK 15 - 1/4 NPT-PD	SMK 15 - 1/4 NPT-VD	Taper Type D
3/16 - 18 UNF	37	19	SMK 15 - 3/16 UNF-PE	SMK 15 - 3/16 UNF-VE	O-Ring Type E	

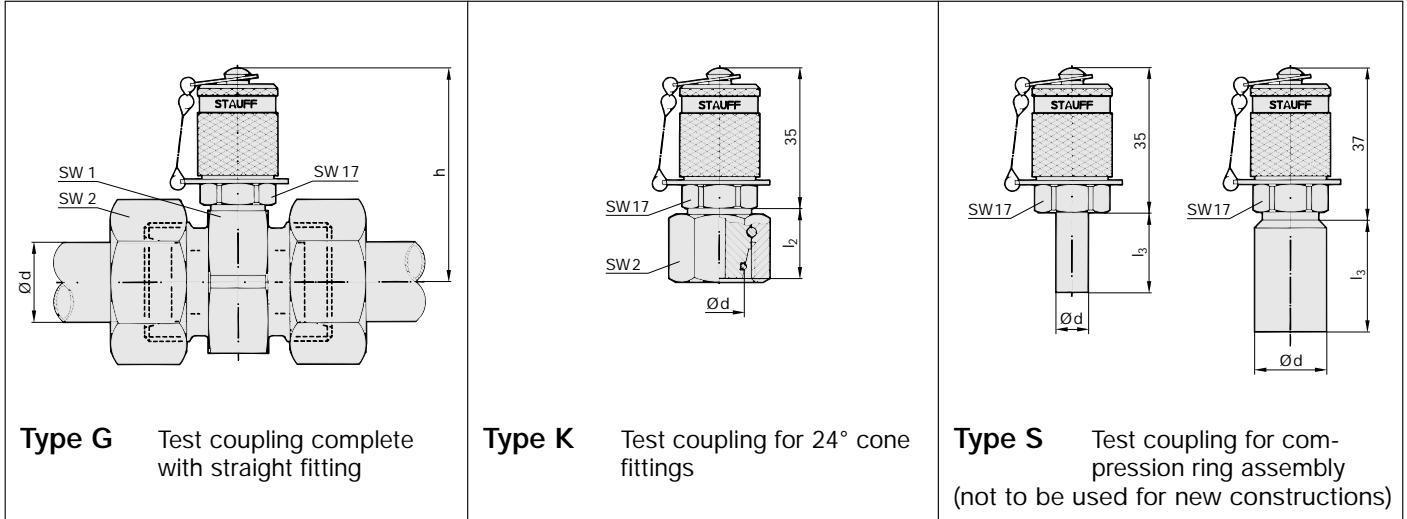
Other port connections and seals on request.

Thread adaptor SRS

	Thread G	h	SW	Order No.	Seal
	M18 x 1,5	24	24	SRS 15 - M18 x 1,5-B	Metal joint DIN 3852 Type B
	M20 x 1,5	10,5	27	SRS 15 - M20 x 1,5-B	
	G 3/8	24	22	SRS 15 - G 3/8-B	
G 1/2	10,5	27	SRS 15 - G 1/2-B		

Port connections and seals

Type A				Type B					Type C					Type D			Type E					
G	d ₁	t ₁	t ₂	G	d ₁	t ₁	t ₂	a	G	d ₁	t ₁	t ₂	a	G	t ₁	t ₂	G	d ₁	d ₂	t ₁	t ₂	a
				M14 x 1,5	20	12	18,5	1,5														
M10 x 1	11,5 + 0,1	12	16,5	M16 x 1,5	22	12	18,5	1,5														
				G 1/4	19	12	18,5	1,5	G 1/4	19	12	18,5	1,5	R 1/4 taper	8,5	13,5						
				G 3/8	23	12	18,5	2,0						1/4 NPT	10	16,4	3/16 - 18 UNF	15,6	25	12,7	15,5	2,5

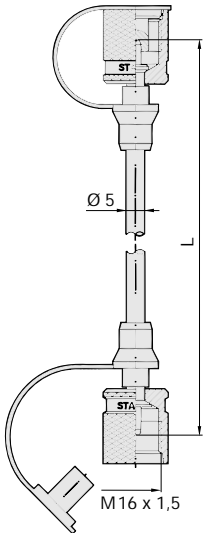
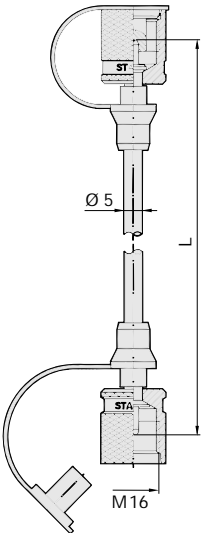
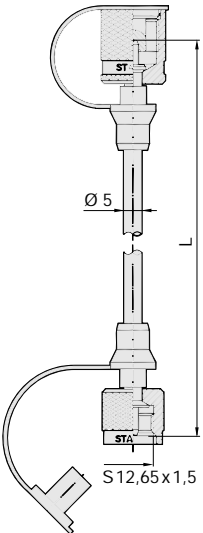
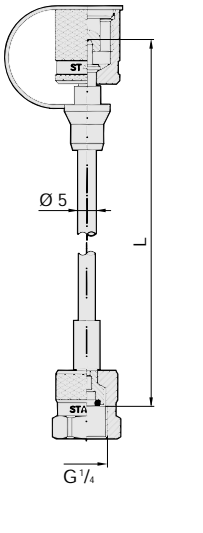
Test coupling SMK (compression ring fittings acc. to DIN 2353)


Series	PN	Pipe Ød	l ₂	l ₃	h	SW 1	SW 2	Order No.*		
								Type G	Type K	Type S
L	315	6	15,5	20	49	24	14	SMK 15 - 6L-PG	SMK 15 - 6L-PK	SMK 15 - 6-PS
		8	15,5	20	49	24	17	SMK 15 - 8L-PG	SMK 15 - 8L-PK	SMK 15 - 8-PS
		10	16,5	22	49	24	19	SMK 15 - 10L-PG	SMK 15 - 10L-PK	SMK 15 - 10-PS
		12	17,5	22	50,5	27	22	SMK 15 - 12L-PG	SMK 15 - 12L-PK	SMK 15 - 12-PS
		15	21	25	52	30	27	SMK 15 - 15L-PG	SMK 15 - 15L-PK	SMK 15 - 15-PS
		18	19,5	28	53	32	32	SMK 15 - 18L-PG	SMK 15 - 18L-PK	SMK 15 - 18-PS
	160	22	20,5	30	55	36	36	SMK 15 - 22L-PG	SMK 15 - 22L-PK	SMK 15 - 22-PS
		28	25	32	57,5	41	41	SMK 15 - 28L-PG	SMK 15 - 28L-PK	SMK 15 - 28-PS
35		30	42	60	46	50	SMK 15 - 35L-PG	SMK 15 - 35L-PK	SMK 15 - 35-PS	
42		31	45	64,5	55	60	SMK 15 - 42L-PG	SMK 15 - 42L-PK	SMK 15 - 42-PS	
S	630	6	14,5	20	49	24	17	SMK 15 - 6S-PG	SMK 15 - 6S-PK	SMK 15 - 6-PS
		8	16,5	20	49	24	19	SMK 15 - 8S-PG	SMK 15 - 8S-PK	SMK 15 - 8-PS
		10	16,5	22	49	24	22	SMK 15 - 10S-PG	SMK 15 - 10S-PK	SMK 15 - 10-PS
		12	17,5	22	49	24	24	SMK 15 - 12S-PG	SMK 15 - 12S-PK	SMK 15 - 12-PS
		14	19,5	22	50,5	27	27	SMK 15 - 14S-PG	SMK 15 - 14S-PK	SMK 15 - 14-PS
	400	16	18	28	52	30	30	SMK 15 - 16S-PG	SMK 15 - 16S-PK	SMK 15 - 16-PS
		20	24	30	55	36	36	SMK 15 - 20S-PG	SMK 15 - 20S-PK	SMK 15 - 20-PS
		25	26	36	57,5	41	46	SMK 15 - 25S-PG	SMK 15 - 25S-PK	SMK 15 - 25-PS
		30	30	41	60	46	50	SMK 15 - 30S-PG	SMK 15 - 30S-PK	SMK 15 - 30-PS
		315	38	34	48	64,5	55	60	SMK 15 - 38S-PG	SMK 15 - 38S-PK

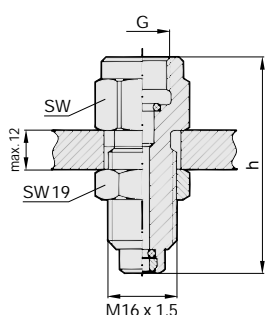
* For ordering FPM seals please replace "P" by "V"

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

Test hose SMS (for gaseous medium Type SGS)

Max. working pressure 630 bar Test hose: Nominal bore 2 mm Minimum bending radius 20 mm Pressure/t° factor: to 0° C 122 % at 30° C 110 % at 50° C 100 % at 80° C 86 % at 100° C 77 % Hose construction: Hose-core and -cover PA Reinforcement: Synthetic fibre Bursting pressure: 1900 bar	Stauff-Test 15/15 STAUFF-TEST 15  STAUFF-TEST 15	Stauff-Test 15/20 STAUFF-TEST 15  STAUFF-TEST 20	Stauff-Test 12/15 ²⁾ STAUFF-TEST 15  STAUFF-TEST 12	Stauff-Test 15/M ¹ / ₄ -P-OR ³⁾ STAUFF-TEST 15  GAUGE ADAPTOR
	Length L ¹⁾	Order No.		
200	SMS-15 – 200-B	SMS-15/20 – 200-B	SMS-12/15 – 200-B	SMS-15/M ¹ / ₄ -P-OR – 200-B
400	SMS-15 – 400-B	SMS-15/20 – 400-B	SMS-12/15 – 400-B	SMS-15/M ¹ / ₄ -P-OR – 400-B
630	SMS-15 – 630-B	SMS-15/20 – 630-B	SMS-12/15 – 630-B	SMS-15/M ¹ / ₄ -P-OR – 630-B
800	SMS-15 – 800-B	SMS-15/20 – 800-B	SMS-12/15 – 800-B	SMS-15/M ¹ / ₄ -P-OR – 800-B
1000	SMS-15 – 1000-B	SMS-15/20 – 1000-B	SMS-12/15 – 1000-B	SMS-15/M ¹ / ₄ -P-OR – 1000-B
1500	SMS-15 – 1500-B	SMS-15/20 – 1500-B	SMS-12/15 – 1500-B	SMS-15/M ¹ / ₄ -P-OR – 1500-B
2000	SMS-15 – 2000-B	SMS-15/20 – 2000-B	SMS-12/15 – 2000-B	SMS-15/M ¹ / ₄ -P-OR – 2000-B
2500	SMS-15 – 2500-B	SMS-15/20 – 2500-B	SMS-12/15 – 2500-B	SMS-15/M ¹ / ₄ -P-OR – 2500-B
3200	SMS-15 – 3200-B	SMS-15/20 – 3200-B	SMS-12/15 – 3200-B	SMS-15/M ¹ / ₄ -P-OR – 3200-B
4000	SMS-15 – 4000-B	SMS-15/20 – 4000-B	SMS-12/15 – 4000-B	SMS-15/M ¹ / ₄ -P-OR – 4000-B
¹⁾ Bending protection and other lengths on request		²⁾ Special thread: buttress thread S 12,65 x 1,5		³⁾ Gauge adaptor 1/4 NPT, G 1/2 and 1/2 NPT on request

Gauge adaptor SMA

 Through-hole Ø 18	G	h	SW	Order No.	
				NBR	FPM
	G ¹ / ₄	54	19	SMA 15 – G ¹ / ₄ – P-OR	SMA 15 – G ¹ / ₄ – V-OR
	G ¹ / ₂	64	27	SMA 15 – G ¹ / ₂ – P-OR	SMA 15 – G ¹ / ₂ – V-OR
	1/4 NPT	54	19	SMA 15 – 1/4 NPT-P	SMA 15 – 1/4 NPT-V
	1/2 NPT	64	27	SMA 15 – 1/2 NPT-P	SMA 15 – 1/2 NPT-V
Damping element on request					

Bulkhead SSK (for gaseous medium Type SSKK)

	G	h	Type	Order No.	
				NBR	FPM
	M 16 x 1,5	72	A	SSK 15-P	SSK 15-V
	M 16 x 1,5 ¹⁾	72	B	SSK 15/08 S-P	SSK 15/08 S-V
¹⁾ Compression ring assembly 8 S acc. to DIN 2353					

Direct gauge adaptor SMD

	G	h	SW	Order No.	
				NBR	FPM
	G 1/4	41	19	SMD 15 - G 1/4 - P-OR	SMD 15 - G 1/4 - V-OR
	G 1/2	51	27	SMD 15 - G 1/2 - P-OR	SMD 15 - G 1/2 - V-OR
	1/4 NPT	41	19	SMD 15 - 1/4 NPT-P	SMD 15 - 1/4 NPT-V
	1/2 NPT	51	27	SMD 15 - 1/2 NPT-P	SMD 15 - 1/2 NPT-V
Damping element on request					

Welding adaptor SAS

	Thread	h	Ød	Order No.
	G			
	M 10 x 1	25	20	SAS - M 10 x 1
	G 1/4	30	22	SAS - G 1/4
Material: St 37				