



Test

**Local solutions for
individual customers
worldwide**



- **Diversity**
- **Reliability**
- **Quality**

STAUFF TEST has established a reputation for a comprehensive range of test points and accessories for hydraulic and pneumatic systems for many years now.

STAUFF TEST stands for a varied spectrum of screw-in test points and test couplings for tube fittings, which are oriented to international standards and therefore guaranteed to comply with the requirements of applications all over the world.

The extensive range of accessories, including measuring hoses and pressure gauges (mechanical and digital/electronic) means that the initial test points fitted onto machines and service kits with measuring instruments can be obtained from a single source.

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All products are subject to our in-house quality management in accordance with EN ISO 9001:2000. This ensures a consistently high standard of quality.

Our well-stocked warehouse and flexible production line ensure prompt reactions and short delivery times. Furthermore, special versions that have been tailored to customer-specific requirements are available to order without any problems.

The following approvals are also available for special versions of the SKK test points:

- approved for military use as gas filling valve for nitrogen accumulators by the German Bundeswehr "Wehrtechnische Dienststelle für Pionier- und Truppengerät".
- DVGW registration as a test point for gas pressure control systems, issued by the German Association of Gas and Water Industries (DVGW).

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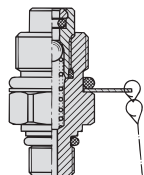
**Distributors and warehouses
 in all industrial countries.**

STAUFF TEST

Page

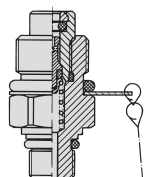
Port connections and sealing details

4



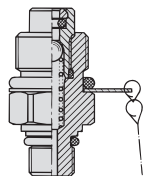
TEST 20 Type SMK (M 16 x 2)

Fast coupling with ball valve 5
Test coupling with protective cap 6
Test coupling SMK (compression ring fittings) 7
Test coupling SMK (37° JIC fittings) 8
Test hose SMS (for gaseous media Type SGS) 9
Adaptor SAD 9
Bulkhead SSK (for gaseous media Type SSKK) 10
Gauge adaptor SMA 10
Direct gauge adaptor SMD 10



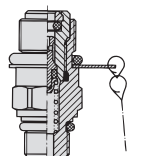
TEST 20 Type SKK (M 16 x 2)

Fast coupling with poppet valve 11
Test coupling with protective cap 12
Test coupling SMK (compression ring fittings) 13



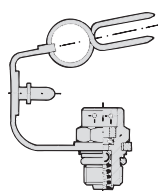
TEST 15 Type SMK (M 16 x 1,5)

Fast coupling with ball valve 14
Test coupling with protective cap 15
Adaptor SAD 15
Test coupling SMK (compression ring fittings) 16
Test hose SMS (for gaseous media Type SGS) 17
Bulkhead SSK (for gaseous media Type SSKK) 18
Gauge adaptor SMA 18
Direct gauge adaptor SMD 18



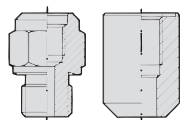
TEST 12 Type SKK (S 12,65 x 1,5)

Fast coupling with poppet valve 19
Test coupling with protective cap 20
Test coupling SMK (compression ring fittings) 21
Test hose SMS (for gaseous media Type SGS) 22
Bulkhead SSK (for gaseous media Type SSKK) 23
Gauge adaptor SMA 23
Direct gauge adaptor SMD 23
Adaptor SAD 23



TEST 10 (Plug in system)

Fast coupling with ball valve 24
Test coupling with protective cap 25
Test coupling SMK (compression ring fittings) 25
Test hose SMS 26
Test hose SMS for direct gauge adaptor 26
Gauge adaptor SMA 26



SRS + SAS

Thread adaptor SRS 27
Welding adaptor SAS 27



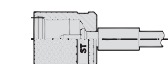
Pressure gauge

Pressure gauge SPG 28
Adjustable gauge fitting EMV 28



Pressure test kit

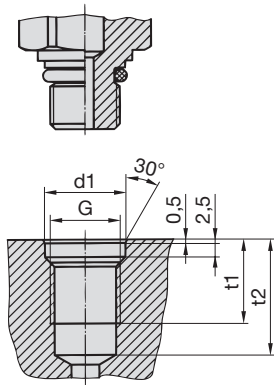
Pressure test kit 29



Test hoses

Technical data for test-hoses 30
Ordering code 30
Hose ends 31 – 35

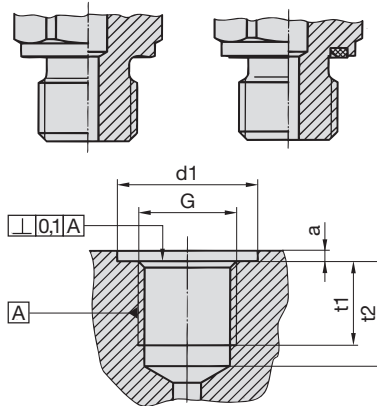
Port connections and sealing details



Type A

Threaded port according to factory standard

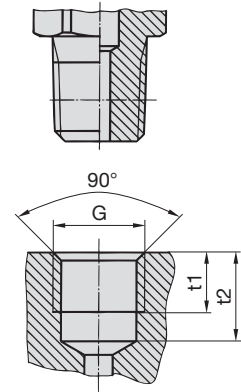
G	d1 +0,1	t1 min.	t2 min.
M8 x 1	9,5	11	15,5
M10 x 1	11,5	12	16,5



Type B and C

Threaded port type X according to DIN 3852 Part 1 and 2; ISO 9974-1 (metric); ISO 1179-1 (Inch)

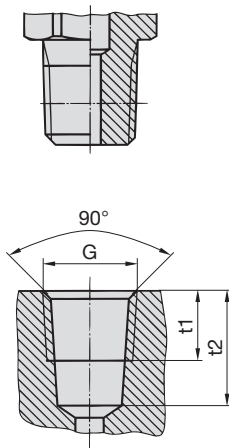
G	d1 min.	t1 min.	t2 min.	a max.
M10 x 1	15	8	10	1
M12 x 1,5	18	12	15	1,5
M14 x 1,5	20	12	15	1,5
M16 x 1,5	23	12	15	1,5
M18 x 1,5	25	12	15	2
M20 x 1,5	27	14	17	2
M22 x 1,5	28	14	17	2,5
G 1/8	15	8,5	10,5	1
G 1/4	20	12,5	15,5	1,5
G 3/8	23	12,5	15,5	2
G 1/2	28	14,5	18,5	2,5



Type D

Parallel threaded port type Z according to DIN 3852 Part 2 (Inch)

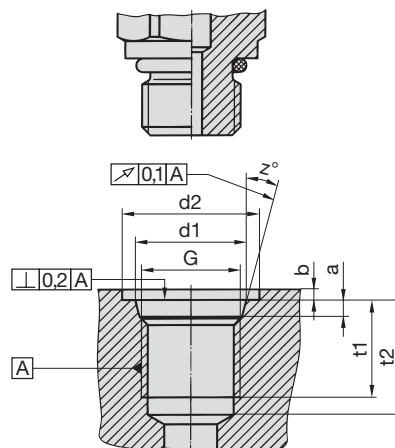
G	t1 min.	t2 min.
Rp 1/8	5,5	9,5
Rp 1/4	8,5	13,5
Rp 3/8	8,5	13,5
Rp 1/2	10,5	16,5



Type D

Taper threaded port according to ANSI/ASME B1.20.1-1983 (NPT)

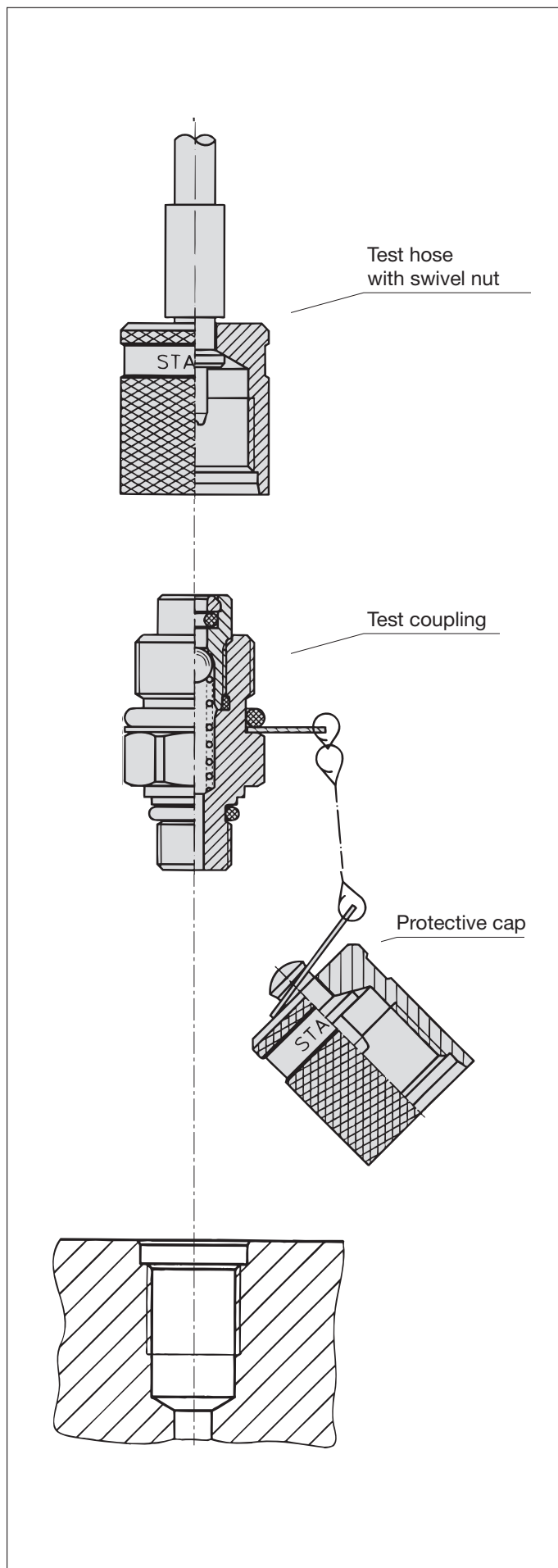
G	t1 min.	t2 min.
1/8-27 NPT	6,9	11,6
1/4-18 NPT	10	16,4
1/2-14 NPT	13,6	22,6



Type E

Threaded port according to ISO 6149-1 (metric); ISO 11926-1 (UNF)

G	d1 +0,1	d2 min.	t1 min.	t2 min.	a +0,4	b max.	z° ±1°
M10 x 1	11,1	16	10	11,5	1,6	1	12°
M12 x 1,5	13,8	19	11,5	14	2,4	1,5	15°
M14 x 1,5	15,8	21	11,5	14	2,4	1,5	15°
M16 x 1,5	17,8	24	13	15,5	2,4	1,5	15°
M22 x 1,5	23,8	29	15,5	18	2,4	2	15°
M27 x 2	29,4	34	19	22	3,1	2	15°
5/16-24 UNF	9,1	17	10	12	1,9	1,6	12°
7/16-20 UNF	12,4	21	11,5	14	2,4	1,6	12°
1/2-20 UNF	14	23	11,5	14	2,4	1,6	12°
9/16-18 UNF	15,65	25	12,7	15,5	2,5	1,6	12°
7/8-14 UNF	23,95	34	16,7	20	2,5	2,4	15°



Fast coupling for:

- Monitoring and control of pressure
- Venting
- Sampling in high- and low-pressure 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:

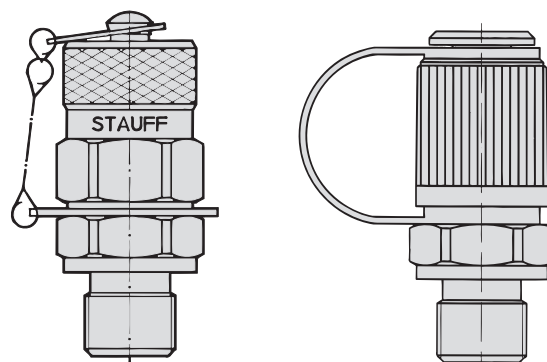
- Max. working pressure 630 bar
For SMK style G and K the recommended working pressure of fitting manufacturer has to be applied
- Joining under pressure up to 400 bar max.

Materials:

- Metal parts: Steel zinc-plated and yellow chromated, Stainless Steel on request
- Ball: Stainless Steel
- Seals:
 - P = NBR (Temperature range -20° C to +100° C)
(Internal seals made of FPM (even at the standard NBR-type))
 - 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 to +100° C)
- Vibration safety O-ring made of NBR (standard)

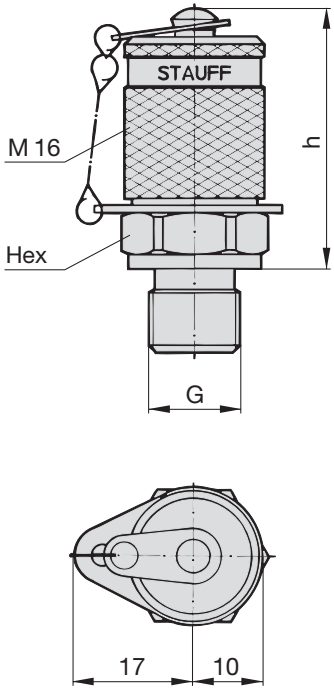
Media:

- 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

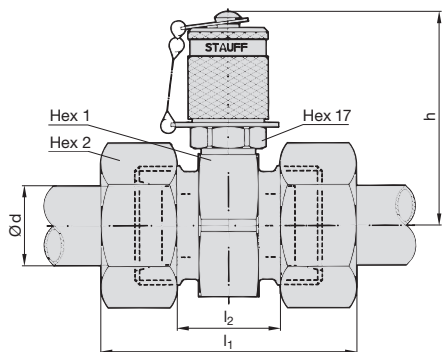


The complete STAUFF TEST-20-Type-SMK range is also available with a hexagonal protection cap made out of steel, or a plastic protection cap.

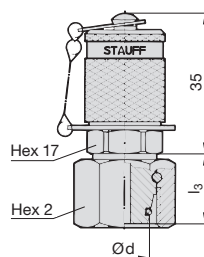
Test coupling with protective cap

	Thread G	Seal	Working pressure bar	h	Hex	Order No.	
						NBR	FPM
	M8x1	O-ring Type A	250	38	17	SMK20-M8x1-PA	SMK20-M8x1-VA
	M10x1		630	38	17	SMK20-M10x1-PA	SMK20-M10x1-VA
	M10x1	Metal joint Type B	400	37	17	SMK20-M10x1-PB	SMK20-M10x1-VB
	M12x1,5		630	37	17	SMK20-M12x1,5-PB	SMK20-M12x1,5-VB
	M14x1,5		630	37	19	SMK20-M14x1,5-PB	SMK20-M14x1,5-VB
	M16x1,5		630	37	22	SMK20-M16x1,5-PB	SMK20-M16x1,5-VB
	G ¹ / ₈		400	39	17	SMK20-G ¹ / ₈ -PB	SMK20-G ¹ / ₈ -VB
	G ¹ / ₄		630	37	19	SMK20-G ¹ / ₄ -PB	SMK20-G ¹ / ₄ -VB
	G ³ / ₈		630	37	22	SMK20-G ³ / ₈ -PB	SMK20-G ³ / ₈ -VB
	M10x1	Elastomeric seal Type C	400	39	17	SMK20-M10x1-PC	SMK20-M10x1-VC
	M12x1,5		630	37	17	SMK20-M12x1,5-PC	SMK20-M12x1,5-VC
	M14x1,5		630	37	19	SMK20-M14x1,5-PC	SMK20-M14x1,5-VC
	M16x1,5		630	37	22	SMK20-M16x1,5-PC	SMK20-M16x1,5-VC
	G ¹ / ₈		400	39	17	SMK20-G ¹ / ₈ -PC	SMK20-G ¹ / ₈ -VC
	G ¹ / ₄		630	37	19	SMK20-G ¹ / ₄ -PC	SMK20-G ¹ / ₄ -VC
	G ³ / ₈		630	37	22	SMK20-G ³ / ₈ -PC	SMK20-G ³ / ₈ -VC
	G ¹ / ₂		630	39	27	SMK20-G ¹ / ₂ -PC	SMK20-G ¹ / ₂ -VC
	R ¹ / ₈ K	Taper Type D suitable sealant required	400	37	17	SMK20-R ¹ / ₈ K-PD	SMK20-R ¹ / ₈ K-VD
	R ¹ / ₄ K		630	35	17	SMK20-R ¹ / ₄ K-PD	SMK20-R ¹ / ₄ K-VD
	¹ / ₈ NPT		400	36	17	SMK20- ¹ / ₈ NPT-PD	SMK20- ¹ / ₈ NPT-VD
	¹ / ₄ NPT		630	35	17	SMK20- ¹ / ₄ NPT-PD	SMK20- ¹ / ₄ NPT-VD
	⁵ / ₁₆ -24UNF	O-ring Type E	400	38	17	SMK20- ⁵ / ₁₆ UNF-PE	SMK20- ⁵ / ₁₆ UNF-VE
	⁷ / ₁₆ -20UNF		630	38	17	SMK20- ⁷ / ₁₆ UNF-PE	SMK20- ⁷ / ₁₆ UNF-VE
	¹ / ₂ -20UNF		630	38	17	SMK20- ¹ / ₂ UNF-PE	SMK20- ¹ / ₂ UNF-VE
	⁹ / ₁₆ -18UNF		630	37	19	SMK20- ⁹ / ₁₆ UNF-PE	SMK20- ⁹ / ₁₆ UNF-VE
	M10x1		630	38	17	SMK20-M10x1-PE	SMK20-M10x1-VE
	M12x1,5		630	37	17	SMK20-M12x1,5-PE	SMK20-M12x1,5-VE
	M14x1,5		630	38	19	SMK20-M14x1,5-PE	SMK20-M14x1,5-VE

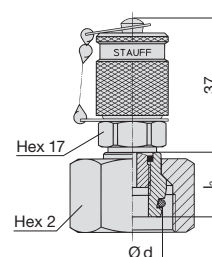
For ordering the hexagonal protection cap version please add "-SK" to the order number
 For ordering the plastic protection cap version please add "-KK" to the order number
 Other port connections and seals on request

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


Type G Test coupling complete with straight fitting



Version A

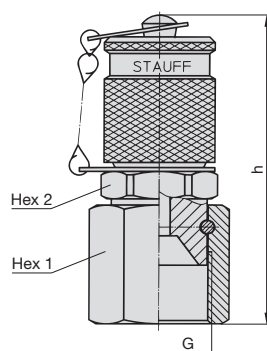
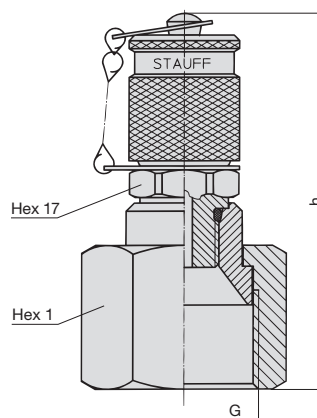


Version B

Type K Test coupling for 24° cone fittings

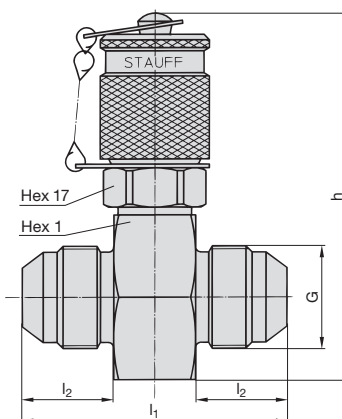
Series	PN bar	Pipe Ø d	~l ₁	l ₂	l ₃	h	Hex 1	Hex 2	Version	Order No.	
										Type G	Type K
L	315	6	51	21	15,5	49	24	14	A	SMK20-06L-PG	SMK20-06L-PK
		8	51	21	15,5	49	24	17	A	SMK20-08L-PG	SMK20-08L-PK
		10	53	23	16,5	49	24	19	A	SMK20-10L-PG	SMK20-10L-PK
		12	53	23	17,5	50,5	27	22	A	SMK20-12L-PG	SMK20-12L-PK
		15	55	25	21	52	30	27	B	SMK20-15L-PG	SMK20-15L-PK-GS
		18	57	24	19,5	53	32	32	B	SMK20-18L-PG	SMK20-18L-PK-GS
	160	22	61	28	20,5	55	36	36	B	SMK20-22L-PG	SMK20-22L-PK-GS
		28	61	28	25	57,5	41	41	B	SMK20-28L-PG	SMK20-28L-PK-GS
		35	69	26	30	60	46	50	B	SMK20-35L-PG	SMK20-35L-PK-GS
		42	71	25	31	64,5	55	60	B	SMK20-42L-PG	SMK20-42L-PK-GS
S	630	6	55	25	14,5	49	24	17	A	SMK20-06S-PG	SMK20-06S-PK
		8	55	25	16,5	49	24	19	A	SMK20-08S-PG	SMK20-08S-PK
		10	57	24	16,5	49	24	22	A	SMK20-10S-PG	SMK20-10S-PK
		12	57	24	17,5	49	24	24	A	SMK20-12S-PG	SMK20-12S-PK
		14	63	27	19,5	50,5	27	27	B	SMK20-14S-PG	SMK20-14S-PK-GS
	400	16	63	26	18	52	30	30	B	SMK20-16S-PG	SMK20-16S-PK-GS
		20	69	26	24	55	36	36	B	SMK20-20S-PG	SMK20-20S-PK-GS
		25	75	27	26	57,5	41	46	B	SMK20-25S-PG	SMK20-25S-PK-GS
		30	81	28	30	60	46	50	B	SMK20-30S-PG	SMK20-30S-PK-GS
	315	38	91	29	34	64,5	55	60	B	SMK20-38S-PG	SMK20-38S-PK-GS

For ordering FPM seals please replace "P" by "V"
 For ordering EPDM seals please replace "P" by "E"
 "GS" as part of order no.: Version B – screwed design

Test coupling SMK (37° JIC fittings acc. to SAE J514)

Version A

Version B

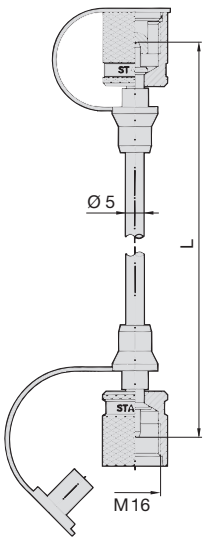
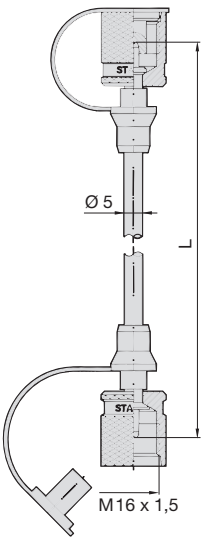
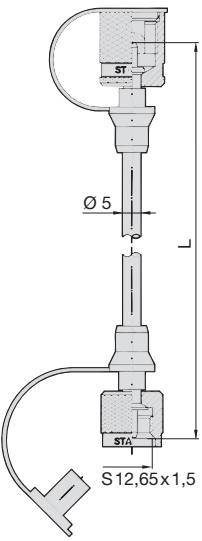
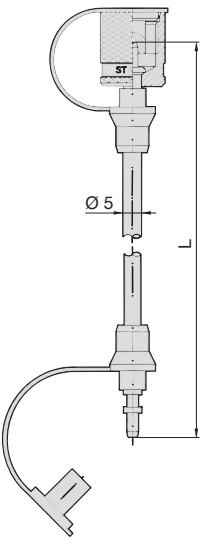
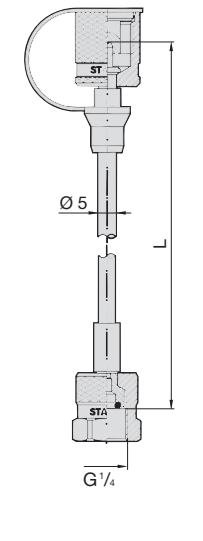
Pipe OD Inch	JIC Size	Thread G	h	Hex 1	Hex 2	Version	Order No.	
							NBR	FPM
1/4	-4	7/16-20 UNF	53	17	17	A	SMK20-JIC1/4-PK	SMK20-JIC1/4-VK
5/16	-5	1/2-20 UNF	53,5	17	17	A	SMK20-JIC5/16-PK	SMK20-JIC5/16-VK
3/8	-6	9/16-18 UNF	55,5	19	17	A	SMK20-JIC3/8-PK	SMK20-JIC3/8-VK
1/2	-8	3/4-16 UNF	56,5	22	19	A	SMK20-JIC1/2-PK	SMK20-JIC1/2-VK
5/8	-10	7/8-14 UNF	60	27	22	A	SMK20-JIC5/8-PK	SMK20-JIC5/8-VK
3/4	-12	1 1/16-12 UN	70,5	32		B	SMK20-JIC3/4-PK-GS	SMK20-JIC3/4-VK-GS
1	-16	1 5/16-12 UN	69	38		B	SMK20-JIC1-PK-GS	SMK20-JIC1-VK-GS
1 1/4	-20	1 5/8-12 UN	73,5	50		B	SMK20-JIC1 1/4-PK-GS	SMK20-JIC1 1/4-VK-GS
1 1/2	-24	1 7/8-12 UN	76	60		B	SMK20-JIC1 1/2-PK-GS	SMK20-JIC1 1/2-VK-GS

"GS" as part of order no.: Version B – screwed design



Pipe OD Inch	JIC Size	Thread G	l ₁	l ₂	h	Hex 1	Order No.	
							NBR	FPM
1/4	-4	7/16-20 UNF	43	14	61	24	SMK20-JIC1/4-PG	SMK20-JIC1/4-VG
5/16	-5	1/2-20 UNF	43	14	61	24	SMK20-JIC5/16-PG	SMK20-JIC5/16-VG
3/8	-6	9/16-18 UNF	43	14	61	24	SMK20-JIC3/8-PG	SMK20-JIC3/8-VG
1/2	-8	3/4-16 UNF	48,5	16,5	67	30	SMK20-JIC1/2-PG	SMK20-JIC1/2-VG
5/8	-10	7/8-14 UNF	53,5	19,5	67	30	SMK20-JIC5/8-PG	SMK20-JIC5/8-VG
3/4	-12	1 1/16-12 UN	59	22	73	36	SMK20-JIC3/4-PG	SMK20-JIC3/4-VG
1	-16	1 5/16-12 UN	61	23	78	41	SMK20-JIC1-PG	SMK20-JIC1-VG
1 1/4	-20	1 5/8-12 UN	65,5	24,5	83	46	SMK20-JIC1 1/4-PG	SMK20-JIC1 1/4-VG
1 1/2	-24	1 7/8-12 UN	72	27,5	92	55	SMK20-JIC1 1/2-PG	SMK20-JIC1 1/2-VG

Test hose SMS (for gaseous media Type SGS)

Max. working pressure 400 bar Test hose: Nominal bore 2 mm Minimum bending radius 20 mm Nominal bore 4 mm also available 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 Burst pressure: 1100 bar	STAUFF TEST 20/20	STAUFF TEST 15/20	STAUFF TEST 12/20 ²⁾	STAUFF TEST 10/20	STAUFF TEST 20/M ¹ / ₄ -P-OR ³⁾
	STAUFF TEST 20	STAUFF TEST 20	STAUFF TEST 20	STAUFF TEST 20	STAUFF TEST 20
					
	STAUFF TEST 20	STAUFF TEST 15	STAUFF TEST 12	STAUFF TEST 10	GAUGE ADAPTOR
	Length L ¹⁾	Order No.			
200	SMS-20 – 200-A	SMS-15/20 – 200-A	SMS-12/20 – 200-A	SMS-10/20 – 200-A	SMS-20/M ¹ / ₄ -P-OR – 200-A
400	SMS-20 – 400-A	SMS-15/20 – 400-A	SMS-12/20 – 400-A	SMS-10/20 – 400-A	SMS-20/M ¹ / ₄ -P-OR – 400-A
630	SMS-20 – 630-A	SMS-15/20 – 630-A	SMS-12/20 – 630-A	SMS-10/20 – 630-A	SMS-20/M ¹ / ₄ -P-OR – 630-A
800	SMS-20 – 800-A	SMS-15/20 – 800-A	SMS-12/20 – 800-A	SMS-10/20 – 800-A	SMS-20/M ¹ / ₄ -P-OR – 800-A
1000	SMS-20 – 1000-A	SMS-15/20 – 1000-A	SMS-12/20 – 1000-A	SMS-10/20 – 1000-A	SMS-20/M ¹ / ₄ -P-OR – 1000-A
1500	SMS-20 – 1500-A	SMS-15/20 – 1500-A	SMS-12/20 – 1500-A	SMS-10/20 – 1500-A	SMS-20/M ¹ / ₄ -P-OR – 1500-A
2000	SMS-20 – 2000-A	SMS-15/20 – 2000-A	SMS-12/20 – 2000-A	SMS-10/20 – 2000-A	SMS-20/M ¹ / ₄ -P-OR – 2000-A
2500	SMS-20 – 2500-A	SMS-15/20 – 2500-A	SMS-12/20 – 2500-A	SMS-10/20 – 2500-A	SMS-20/M ¹ / ₄ -P-OR – 2500-A
3200	SMS-20 – 3200-A	SMS-15/20 – 3200-A	SMS-12/20 – 3200-A	SMS-10/20 – 3200-A	SMS-20/M ¹ / ₄ -P-OR – 3200-A
4000	SMS-20 – 4000-A	SMS-15/20 – 4000-A	SMS-12/20 – 4000-A	SMS-10/20 – 4000-A	SMS-20/M ¹ / ₄ -P-OR – 4000-A
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					

Adaptor SAD

Type A

Type B

Thread G	h	Type	Order No.	
			NBR	FPM
M16x1,5	39	A	SAD20/15-P	SAD20/15-V
S12 ¹⁾	39	A	SAD20/12-P	SAD20/12-V
Plug in	37	B	SAD20/10-P	SAD20/10-V

¹⁾ Special thread: buttress thread S 12,65 x 1,5

Bulkhead SSK (for gaseous media Type SSKK)

Type A

Type B

Type C

Type D

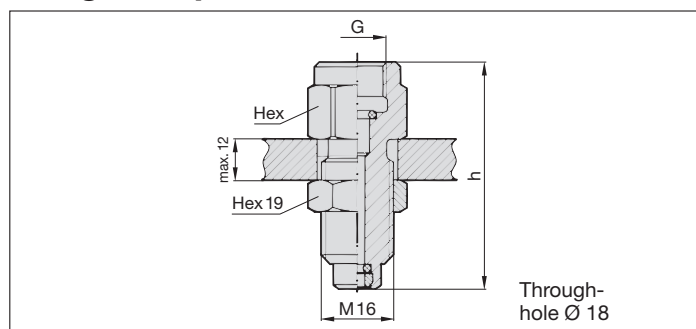
Thread G	h	Hex	Type	Order No.	
				NBR	FPM
M16	72	19	A	SSK20-P	SSK20-V
M14x1,5 ¹⁾	72	19	B	SSK20/08L-P	SSK20/08L-V
M16x1,5 ¹⁾	72	22	B	SSK20/08S-P	SSK20/08S-V
M18x1,5 ¹⁾	72	22	B	SSK20/12L-P	SSK20/12L-V
7/16-20UNF ²⁾	66	17	C	SSK20/J7/16UNF-MV-P	SSK20/J7/16UNF-MV-V
9/16-18UNF ³⁾	67	22	D	SSK20-04-ORFS-P	SSK20-04-ORFS-V
11/16-16UN ³⁾	72	27	D	SSK20-06-ORFS-P	SSK20-06-ORFS-V
13/16-16UNF ³⁾	75	30	D	SSK20-08-ORFS-P	SSK20-08-ORFS-V

¹⁾ Compression ring assembly 08L/08S/12L acc. to DIN 2353

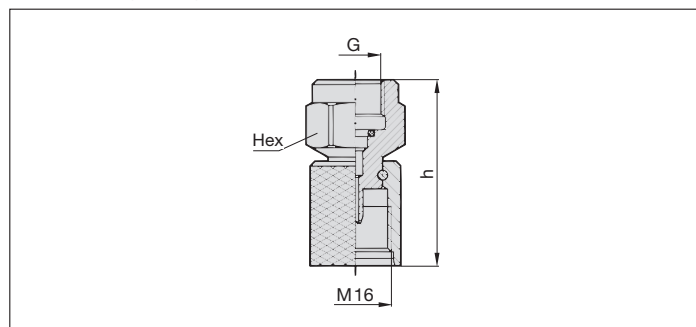
²⁾ JIC cone fitting acc. to SAE J514

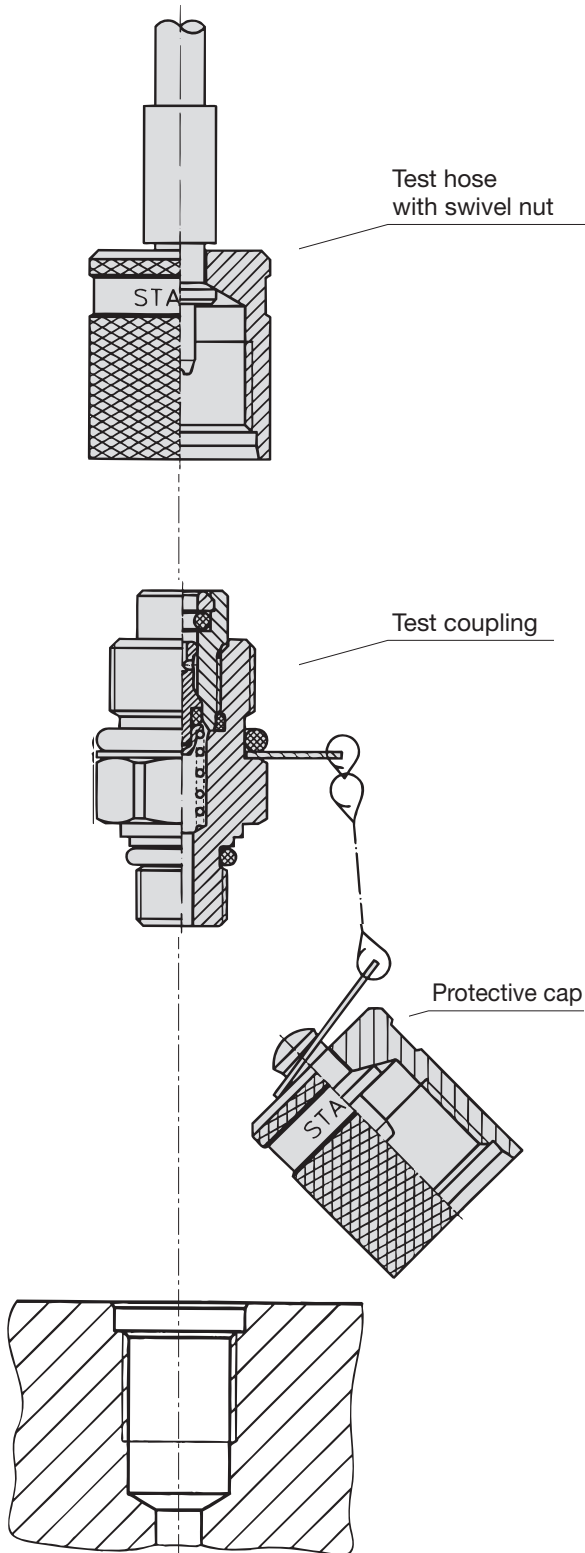
³⁾ O-ring face seal acc. to SAE J1453

Gauge adaptor SMA

				Order no.	
Thread G	h	Hex		NBR	FPM
G ¹ / ₄	54	19		SMA20-G ¹ / ₄ -P-OR	SMA20-G ¹ / ₄ -V-OR
G ¹ / ₂	64	27		SMA20-G ¹ / ₂ -P-OR	SMA20-G ¹ / ₂ -V-OR
1/4NPT	54	19		SMA20-1/4NPT-P	SMA20-1/4NPT-V
1/2NPT	64	27		SMA20-1/2NPT-P	SMA20-1/2NPT-V
9/16-18UNF	57	19		SMA20-9/16UNF-P	SMA20-9/16NPT-V
Snubber on request					

Direct gauge adaptor SMD

				Order no.	
Thread G	h	Hex		NBR	FPM
G ¹ / ₄	41	19		SMD20-G ¹ / ₄ -P-OR	SMD20-G ¹ / ₄ -V-OR
G ¹ / ₂	51	27		SMD20-G ¹ / ₂ -P-OR	SMD20-G ¹ / ₂ -V-OR
1/4NPT	41	19		SMD20-1/4NPT	SMD20-1/4NPT
1/2NPT	51	27		SMD20-1/2NPT	SMD20-1/2NPT
7/16-20UNF	41	19		SMD20-7/16UNF	SMD20-7/16UNF
Snubber on request					



Fast coupling for:

- Monitoring and control of pressure
- Venting
- Sampling in high- and low-pressure systems
- Filling of accumulators (special filling-version)

Advantages:

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

Working pressure:

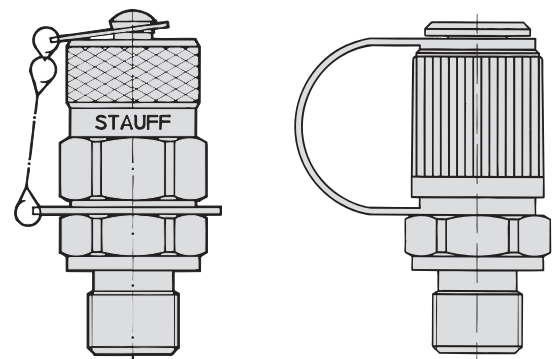
- Max. working pressure 630 bar
For SKK style G and K the recommended working pressure of fitting manufacturer has to be applied
- Joining under pressure up to 400 bar max.

Materials:

- Metal parts: Steel zinc-plated and yellow chromated, Stainless Steel on request
- Seals:
P = NBR (Temperature range -20° C to +100° C)
(Internal seals made of FPM (even at the standard NBR-type))
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 to +100° C)
- Vibration safety O-ring made of NBR (standard)

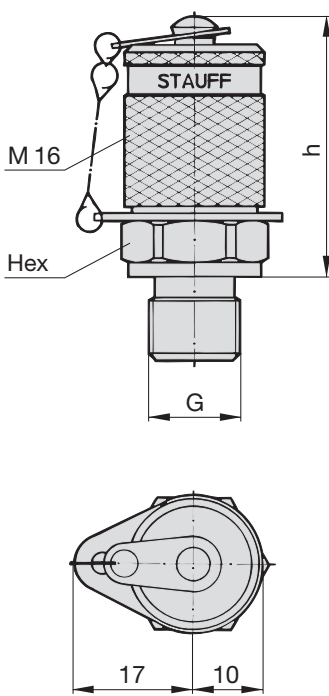
Media:

- 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 or gaseous media please consult STAUFF
- In case of ultimate tightness requirements for gaseous media, a special Gas-type is available

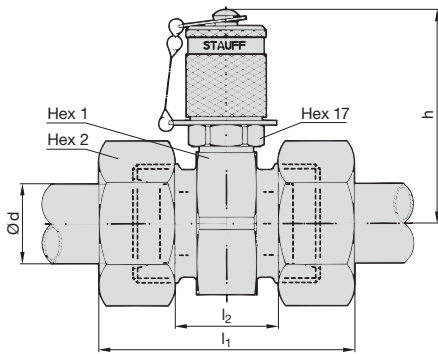


The complete STAUFF TEST-20-Type-SKK range is also available with a hexagonal protection cap made out of steel, or with a plastic protection cap.

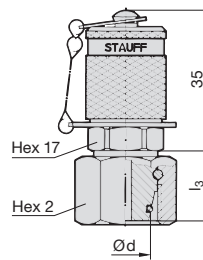
Test coupling with protective cap

	Thread G	Seal	Working pressure bar	h	Hex	Order No.	
						NBR	FPM
	M8x1	O-ring Type A	250	38	17	SKK20-M8x1-PA	SKK20-M8x1-VA
	M10x1		630	38	17	SKK20-M10x1-PA	SKK20-M10x1-VA
	M12x1,5	Metal joint Type B	630	37	17	SKK20-M12x1,5-PB	SKK20-M12x1,5-VB
	M14x1,5		630	37	19	SKK20-M14x1,5-PB	SKK20-M14x1,5-VB
	M16x1,5		630	37	22	SKK20-M16x1,5-PB	SKK20-M16x1,5-VB
	G ¹ / ₄		630	37	19	SKK20-G ¹ / ₄ -PB	SKK20-G ¹ / ₄ -VB
	G ³ / ₈		630	37	22	SKK20-G ³ / ₈ -PB	SKK20-G ³ / ₈ -VB
	M10x1	Elastomeric seal Type C	400	39	17	SKK20-M10x1-PC	SKK20-M10x1-VC
	M12x1,5		630	37	17	SKK20-M12x1,5-PC	SKK20-M12x1,5-VC
	M14x1,5		630	37	19	SKK20-M14x1,5-PC	SKK20-M14x1,5-VC
	M16x1,5		630	37	22	SKK20-M16x1,5-PC	SKK20-M16x1,5-VC
	G ¹ / ₈		400	39	17	SKK20-G ¹ / ₈ -PC	SKK20-G ¹ / ₈ -VC
	G ¹ / ₄		630	37	19	SKK20-G ¹ / ₄ -PC	SKK20-G ¹ / ₄ -VC
	G ³ / ₈		630	37	22	SKK20-G ³ / ₈ -PC	SKK20-G ³ / ₈ -VC
	G ¹ / ₂		630	39	27	SKK20-G ¹ / ₂ -PC	SKK20-G ¹ / ₂ -VC
	R ¹ / ₈ K	Taper Type D suitable sealant required	400	37	17	SKK20-R ¹ / ₈ K-PD	SKK20-R ¹ / ₈ K-VD
	R ¹ / ₄ K		630	35	17	SKK20-R ¹ / ₄ K-PD	SKK20-R ¹ / ₄ K-VD
	¹ / ₈ NPT		400	36	17	SKK20- ¹ / ₈ NPT-PD	SKK20- ¹ / ₈ NPT-VD
	¹ / ₄ NPT		630	35	17	SKK20- ¹ / ₄ NPT-PD	SKK20- ¹ / ₄ NPT-VD
	⁵ / ₁₆ -24UNF	O-ring Type E	400	38	17	SKK20- ⁵ / ₁₆ UNF-PE	SKK20- ⁵ / ₁₆ UNF-VE
	⁷ / ₁₆ -20UNF		630	38	17	SKK20- ⁷ / ₁₆ UNF-PE	SKK20- ⁷ / ₁₆ UNF-VE
	¹ / ₂ -20UNF		630	38	17	SKK20- ¹ / ₂ UNF-PE	SKK20- ¹ / ₂ UNF-VE
	⁹ / ₁₆ -18UNF		630	37	19	SKK20- ⁹ / ₁₆ UNF-PE	SKK20- ⁹ / ₁₆ UNF-VE
	M12x1,5		630	37	17	SKK20-M12x1,5-PE	SKK20-M12x1,5-VE
	M14x1,5		630	38	19	SKK20-M14x1,5-PE	SKK20-M14x1,5-VE

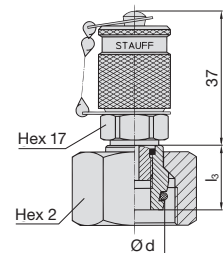
For ordering the hexagonal protection cap version please add "-SK" to the order number
 For ordering the plastic protection cap version please add "-KK" to the order number
 Other port connections and seals on request

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


Type G Test coupling complete with straight fitting



Version A

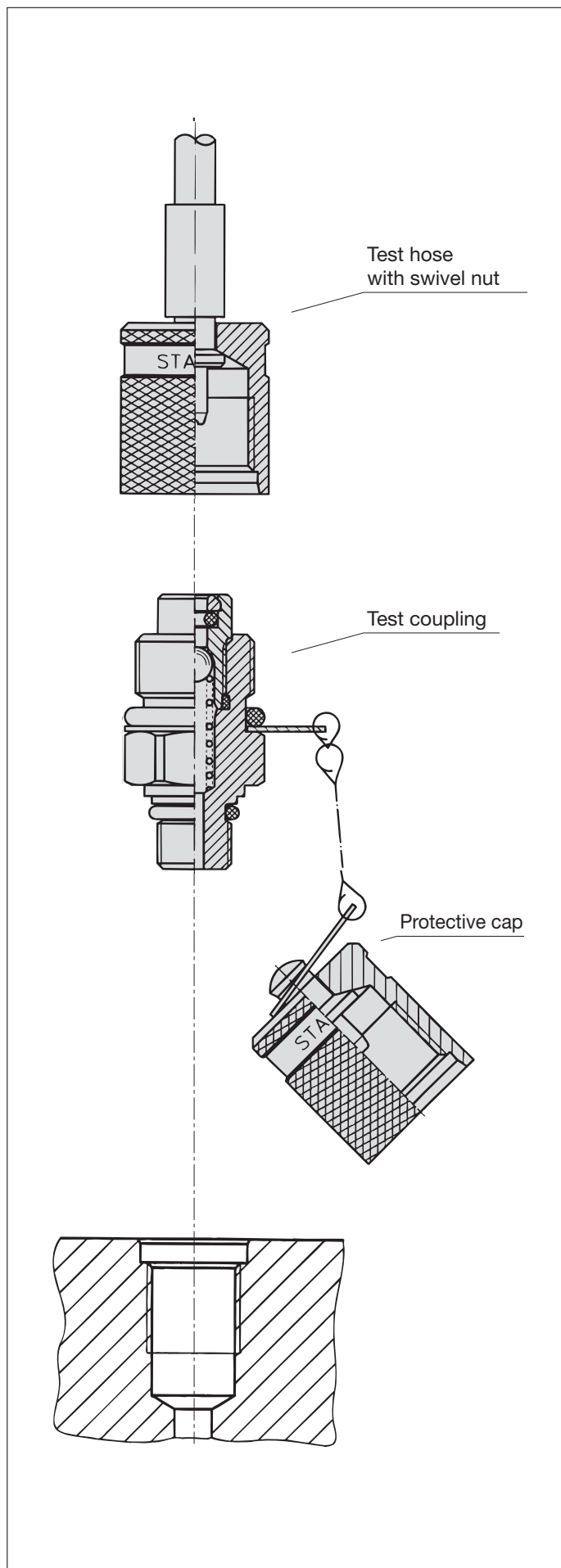


Version B

Type K Test coupling for 24° cone fittings

Series	PN bar	Pipe Ø d	~l ₁	l ₂	l ₃	h	Hex 1	Hex 2	Version	Order No.	
										Type G	Type K
L	315	6	51	21	15,5	49	24	14	A	SKK20-06L-PG	SKK20-06L-PK
		8	51	21	15,5	49	24	17	A	SKK20-08L-PG	SKK20-08L-PK
		10	53	23	16,5	49	24	19	A	SKK20-10L-PG	SKK20-10L-PK
		12	53	23	17,5	50,5	27	22	A	SKK20-12L-PG	SKK20-12L-PK
		15	55	25	21	52	30	27	B	SKK20-15L-PG	SKK20-15L-PK-GS
		18	57	24	19,5	53	32	32	B	SKK20-18L-PG	SKK20-18L-PK-GS
	160	22	61	28	20,5	55	36	36	B	SKK20-22L-PG	SKK20-22L-PK-GS
		28	61	28	25	57,5	41	41	B	SKK20-28L-PG	SKK20-28L-PK-GS
		35	69	26	30	60	46	50	B	SKK20-35L-PG	SKK20-35L-PK-GS
		42	71	25	31	64,5	55	60	B	SKK20-42L-PG	SKK20-42L-PK-GS
S	630	6	55	25	14,5	49	24	17	A	SKK20-06S-PG	SKK20-06S-PK
		8	55	25	16,5	49	24	19	A	SKK20-08S-PG	SKK20-08S-PK
		10	57	24	16,5	49	24	22	A	SKK20-10S-PG	SKK20-10S-PK
		12	57	24	17,5	49	24	24	A	SKK20-12S-PG	SKK20-12S-PK
		14	63	27	19,5	50,5	27	27	B	SKK20-14S-PG	SKK20-14S-PK-GS
	400	16	63	26	18	52	30	30	B	SKK20-16S-PG	SKK20-16S-PK-GS
		20	69	26	24	55	36	36	B	SKK20-20S-PG	SKK20-20S-PK-GS
		25	75	27	26	57,5	41	46	B	SKK20-25S-PG	SKK20-25S-PK-GS
		30	81	28	30	60	46	50	B	SKK20-30S-PG	SKK20-30S-PK-GS
	315	38	91	29	34	64,5	55	60	B	SKK20-38S-PG	SKK20-38S-PK-GS

For ordering FPM seals please replace "P" by "V"
 For ordering EPDM seals please replace "P" by "E"
 "GS" as part of order no.: Version B – screwed design



Fast coupling for:

- Monitoring and control of pressure
- Venting
- Sampling in high- and low-pressure 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:

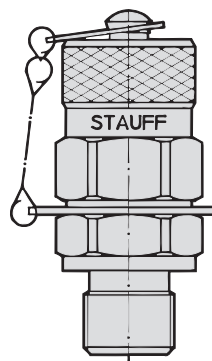
- Max. working pressure 630 bar
For SMK style G and K the recommended working pressure of fitting manufacturer has to be applied
- Joining under pressure up to 630 bar max.

Materials:

- Metal parts: Steel zinc-plated and olive-colored chromated, Stainless Steel on request
- Ball: Stainless Steel
- Seals:
 - P = NBR (Temperature range -20° C to +100° C)
(Internal seals made of FPM (even at the standard NBR-type))
 - 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 to +100° C)
- Vibration safety O-ring made of NBR (standard)

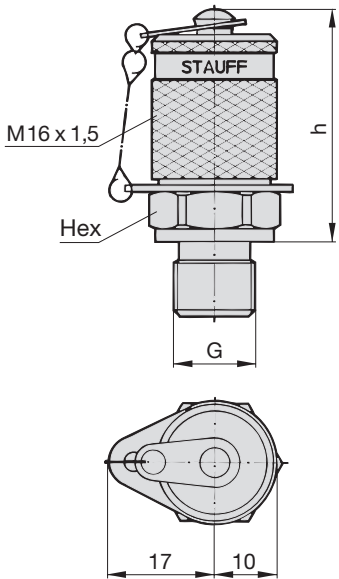
Media:

- 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



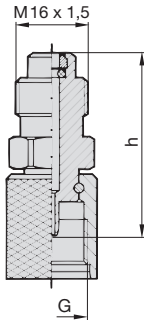
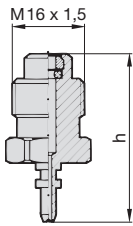
The complete STAUFF TEST-15-Type-SMK range is also available with a hexagonal protection cap made out of steel.

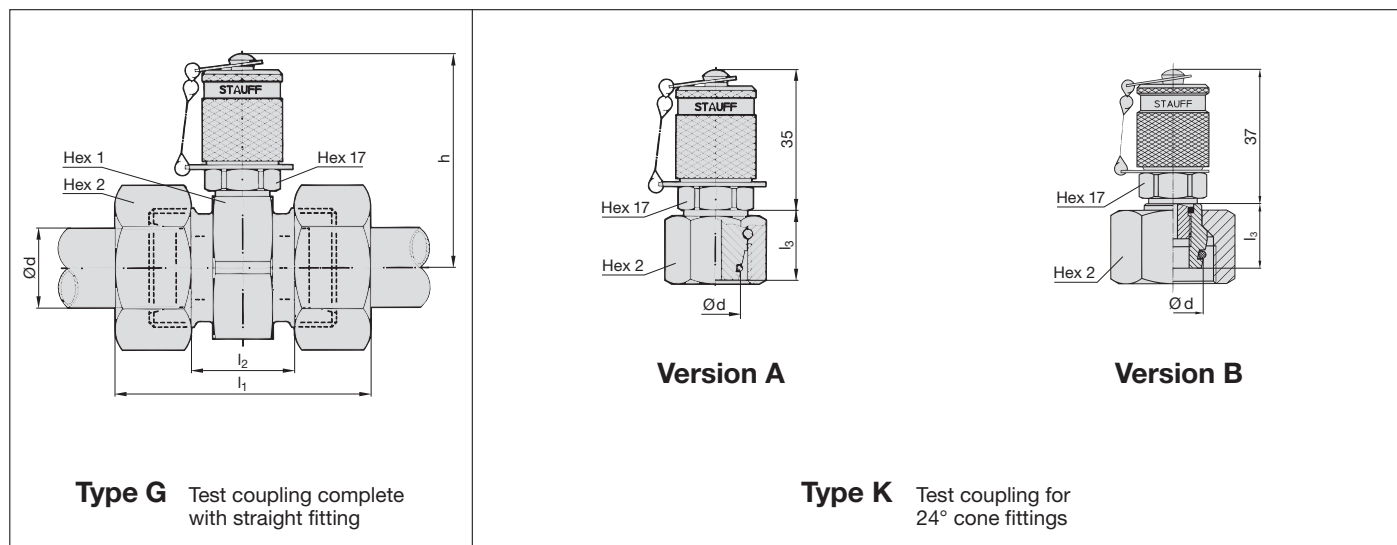
Test coupling with protective cap

	Thread G	Seal	Working pressure bar	h	Hex	Order No.	
						NBR	FPM
	M10x1	O-ring Type A	630	38	17	SMK15-M10x1-PA	SMK15-M10x1-VA
	M14x1,5	Metal joint Type B	630	37	19	SMK15-M14x1,5-PB	SMK15-M14x1,5-VB
	M16x1,5		630	37	22	SMK15-M16x1,5-PB	SMK15-M16x1,5-VB
	G ¹ / ₈		400	39	17	SMK15-G ¹ / ₈ -PB	SMK15-G ¹ / ₈ -VB
	G ¹ / ₄		630	37	19	SMK15-G ¹ / ₄ -PB	SMK15-G ¹ / ₄ -VB
	G ³ / ₈		630	37	22	SMK15-G ³ / ₈ -PB	SMK15-G ³ / ₈ -VB
	M12x1,5	Elastomeric seal Type C	630	37	17	SMK15-M12x1,5-PC	SMK15-M12x1,5-VC
	M14x1,5		630	37	19	SMK15-M14x1,5-PC	SMK15-M14x1,5-VC
	M16x1,5		630	37	22	SMK15-M16x1,5-PC	SMK15-M16x1,5-VC
	G ¹ / ₈		400	39	17	SMK15-G ¹ / ₈ -PC	SMK15-G ¹ / ₈ -VC
	G ¹ / ₄		630	37	19	SMK15-G ¹ / ₄ -PC	SMK15-G ¹ / ₄ -VC
	R ¹ / ₄ K	Taper Type D suitable sealant required	630	35	17	SMK15-R ¹ / ₄ K-PD	SMK15-R ¹ / ₄ K-VD
	¹ / ₈ NPT		400	36	17	SMK15- ¹ / ₈ NPT-PD	SMK15- ¹ / ₈ NPT-VD
	¹ / ₄ NPT		630	35	17	SMK15- ¹ / ₄ NPT-PD	SMK15- ¹ / ₄ NPT-VD
	⁷ / ₁₆ -20UNF	O-ring Type E	630	38	17	SMK15- ⁷ / ₁₆ UNF-PE	SMK15- ⁷ / ₁₆ UNF-VE
	⁹ / ₁₆ -18UNF		630	37	19	SMK15- ⁹ / ₁₆ UNF-PE	SMK15- ⁹ / ₁₆ UNF-VE
	M14x1,5		630	38	19	SMK15-M14x1,5-PE	SMK15-M14x1,5-VE

For ordering the hexagonal protection cap version please add "-SK" to the order number
Other port connections and seals on request

Adaptor SAD

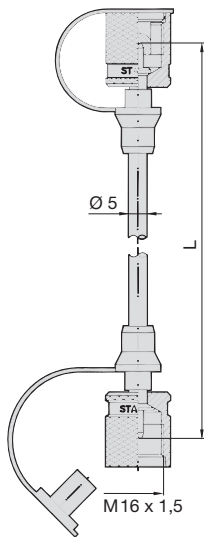
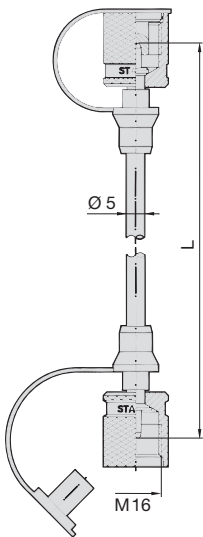
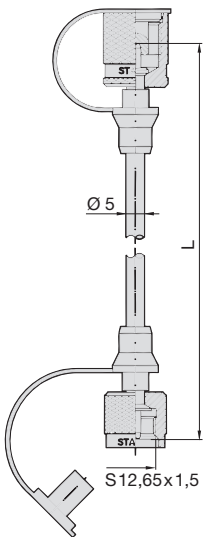
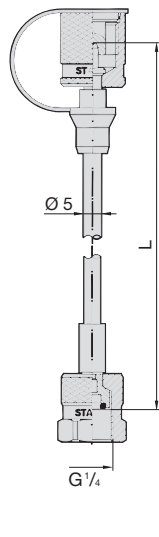
	Thread G	h	Type	Order No.	
				NBR	FPM
 Type A	M16x2	39	A	SAD15/20-P	SAD15/20-V
	S12 ¹⁾	39	A	SAD15/12-P	SAD15/12-V
	Plug in	37	B	SAD15/10-P	SAD15/10-V
	¹⁾ Special thread: buttress thread S12,65 x 1,5				
 Type B					

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


Series	PN bar	Pipe Ø d	~l ₁	l ₂	l ₃	h	Hex 1	Hex 2	Version	Order No.	
										Type G	Type K
L	315	6	51	21	15,5	49	24	14	A	SMK15-06L-PG	SMK15-06L-PK
		8	51	21	15,5	49	24	17	A	SMK15-08L-PG	SMK15-08L-PK
		10	53	23	16,5	49	24	19	A	SMK15-10L-PG	SMK15-10L-PK
		12	53	23	17,5	50,5	27	22	A	SMK15-12L-PG	SMK15-12L-PK
		15	55	25	21	52	30	27	B	SMK15-15L-PG	SMK15-15L-PK-GS
		18	57	24	19,5	53	32	32	B	SMK15-18L-PG	SMK15-18L-PK-GS
	160	22	61	28	20,5	55	36	36	B	SMK15-22L-PG	SMK15-22L-PK-GS
		28	61	28	25	57,5	41	41	B	SMK15-28L-PG	SMK15-28L-PK-GS
		35	69	26	30	60	46	50	B	SMK15-35L-PG	SMK15-35L-PK-GS
		42	71	25	31	64,5	55	60	B	SMK15-42L-PG	SMK15-42L-PK-GS
S	630	6	55	25	14,5	49	24	17	A	SMK15-06S-PG	SMK15-06S-PK
		8	55	25	16,5	49	24	19	A	SMK15-08S-PG	SMK15-08S-PK
		10	57	24	16,5	49	24	22	A	SMK15-10S-PG	SMK15-10S-PK
		12	57	24	17,5	49	24	24	A	SMK15-12S-PG	SMK15-12S-PK
		14	63	27	19,5	50,5	27	27	B	SMK15-14S-PG	SMK15-14S-PK-GS
	400	16	63	26	18	52	30	30	B	SMK15-16S-PG	SMK15-16S-PK-GS
		20	69	26	24	55	36	36	B	SMK15-20S-PG	SMK15-20S-PK-GS
		25	75	27	26	57,5	41	46	B	SMK15-25S-PG	SMK15-25S-PK-GS
		30	81	28	30	60	46	50	B	SMK15-30S-PG	SMK15-30S-PK-GS
	315	38	91	29	34	64,5	55	60	B	SMK15-38S-PG	SMK15-38S-PK-GS

For ordering FPM seals please replace "P" by "V"
 For ordering EPDM seals please replace "P" by "E"
 "GS" as part of order no.: Version B – screwed design

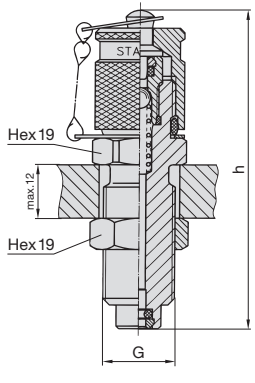
Test hose SMS (for gaseous media Type SGS)

Max. working pressure 630 bar	STAUFF TEST 15/15	STAUFF TEST 15/20	STAUFF TEST 12/15 ²⁾	STAUFF TEST 15/M ¹ / ₄ -P-OR ³⁾
	STAUFF TEST 15  STAUFF TEST 15	STAUFF TEST 15  STAUFF TEST 20	STAUFF TEST 15  STAUFF TEST 12	STAUFF TEST 15  GAUGE ADAPTOR
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				
Burst pressure: 1900 bar				
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				

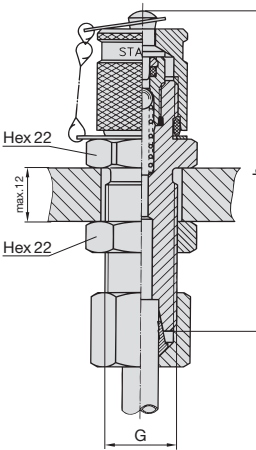
Bulkhead SSK (for gaseous media Type SSKK)

Thread G	h	Type	Order No.	
			NBR	FPM
M16 x 1,5	72	A	SSK 15-P	SSK 15-V
M16 x 1,5 ¹⁾	72	B	SSK 15/08S-P	SSK 15/08S-V

¹⁾ Compression ring assembly 08S acc. to DIN 2353



Type A

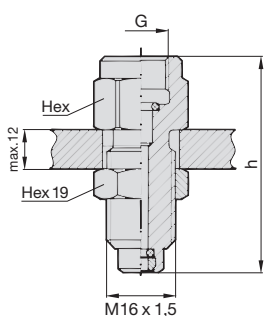


Type B

Gauge adaptor SMA

Thread G	h	Hex	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

Snubber on request

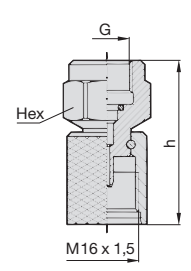


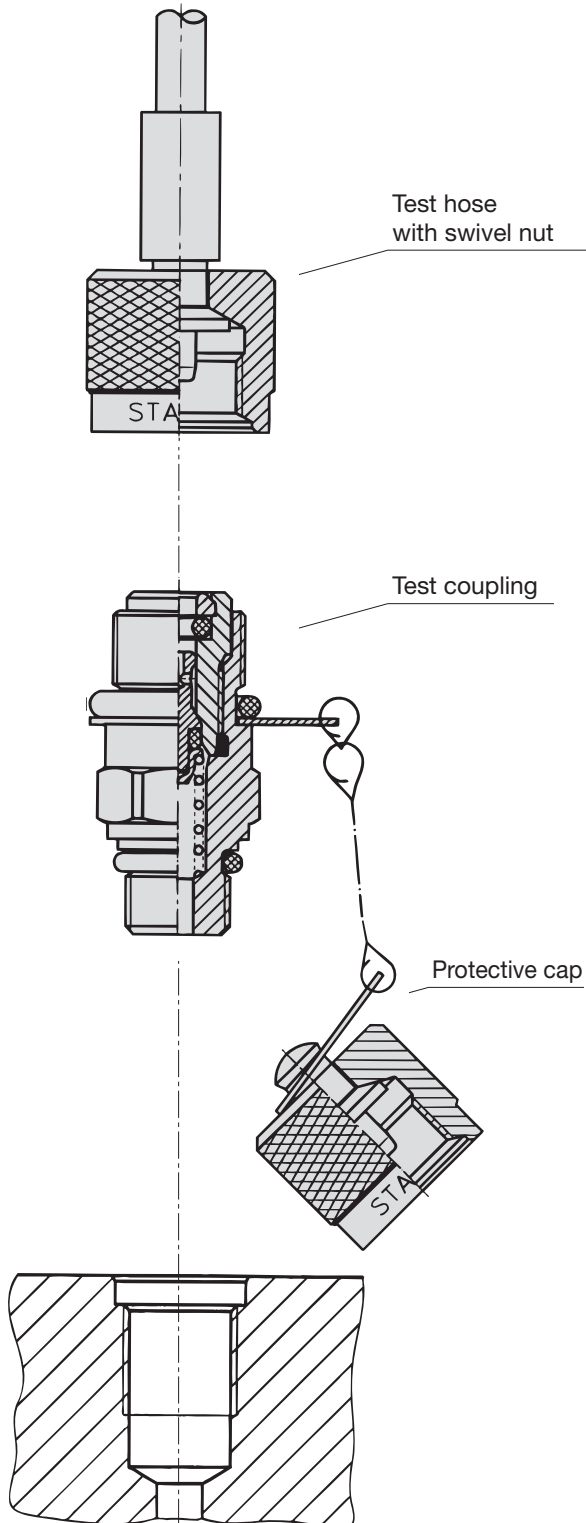
Through-hole
Ø 18

Direct gauge adaptor SMD

Thread G	h	Hex	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	SMD 15 - 1/4 NPT
1/2 NPT	51	27	SMD 15 - 1/2 NPT	SMD 15 - 1/2 NPT

Snubber on request





Fast coupling for:

- Monitoring and control of pressure
- Venting
- Sampling in high- and low-pressure systems
- Filling of accumulators (special filling-version)

Advantages:

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

Working pressure:

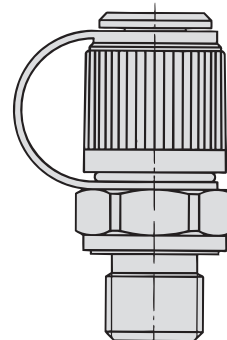
- Max. working pressure 630 bar
For SKK style G and K the recommended working pressure of fitting manufacturer has to be applied
- Joining under pressure up to 400 bar max.

Materials:

- Metal parts: Steel zinc-plated and yellow chromated, Stainless Steel on request
- Seals:
P = NBR (Temperature range -20° C to +100° C)
(Internal seals made of FPM (even at the standard NBR-type))
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 to +100° C)
- Vibration safety O-ring made of NBR (standard)

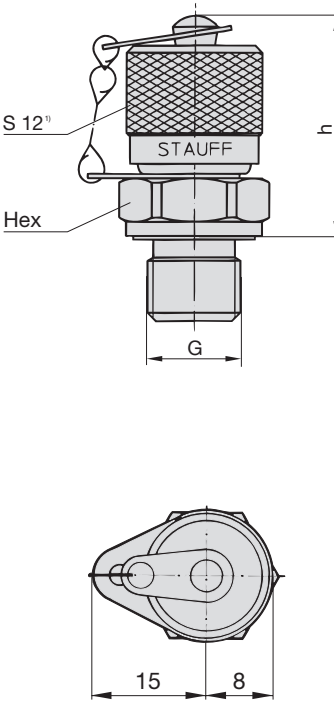
Media:

- 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 or gaseous media please consult STAUFF
- In case of ultimate tightness requirements for gaseous media special Gas-type available



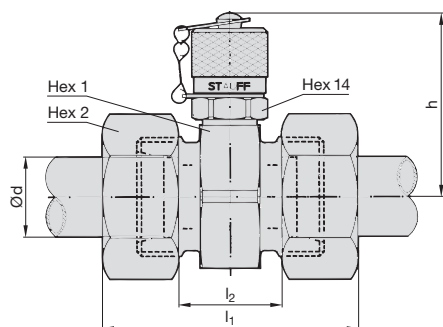
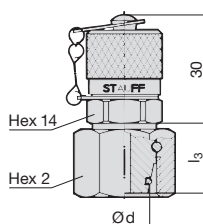
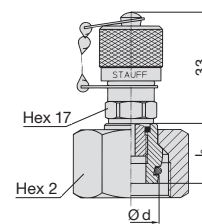
The complete STAUFF TEST-12-Type-SKK range is also available with a plastic protection cap.

Test coupling with protective cap

	Thread G	Seal	Working pressure bar	h	Hex	Order No.	
						NBR	FPM
	M8x1	O-ring Type A	250	38	14	SKK12-M8x1-PA	SKK12-M8x1-VA
	M10x1		630	35	14	SKK12-M10x1-PA	SKK12-M10x1-VA
	M12x1,5	Metal joint Type B	630	31	17	SKK12-M12x1,5-PB	SKK12-M12x1,5-VB
	M14x1,5		630	31	19	SKK12-M14x1,5-PB	SKK12-M14x1,5-VB
	M16x1,5		630	31	22	SKK12-M16x1,5-PB	SKK12-M16x1,5-VB
	G ¹ / ₄		630	30	19	SKK12-G ¹ / ₄ -PB	SKK12-G ¹ / ₄ -VB
	G ³ / ₈		630	31	22	SKK12-G ³ / ₈ -PB	SKK12-G ³ / ₈ -VB
	M12x1,5	Elastomeric seal Type C	630	31	17	SKK12-M12x1,5-PC	SKK12-M12x1,5-VC
	M14x1,5		630	31	19	SKK12-M14x1,5-PC	SKK12-M14x1,5-VC
	G ¹ / ₈		400	40	14	SKK12-G ¹ / ₈ -PC	SKK12-G ¹ / ₈ -VC
	G ¹ / ₄		630	31	19	SKK12-G ¹ / ₄ -PC	SKK12-G ¹ / ₄ -VC
	R ¹ / ₈ K	Taper Type D suitable sealant required	400	33	14	SKK12-R ¹ / ₈ K-PD	SKK12-R ¹ / ₈ K-VD
	R ¹ / ₄ K		630	30	14	SKK12-R ¹ / ₄ K-PD	SKK12-R ¹ / ₄ K-VD
	¹ / ₈ NPT		400	33	14	SKK12- ¹ / ₈ NPT-PD	SKK12- ¹ / ₈ NPT-VD
	¹ / ₄ NPT		630	28	14	SKK12- ¹ / ₄ NPT-PD	SKK12- ¹ / ₄ NPT-VD
	⁵ / ₁₆ -24UNF	O-ring Type E	400	38	14	SKK12- ⁵ / ₁₆ UNF-PE	SKK12- ⁵ / ₁₆ UNF-VE
	⁷ / ₁₆ -20UNF		630	33	17	SKK12- ⁷ / ₁₆ UNF-PE	SKK12- ⁷ / ₁₆ UNF-VE
	¹ / ₂ -20UNF		630	32	17	SKK12- ¹ / ₂ UNF-PE	SKK12- ¹ / ₂ UNF-VE
	⁹ / ₁₆ -18UNF		630	31	19	SKK12- ⁹ / ₁₆ UNF-PE	SKK12- ⁹ / ₁₆ UNF-VE
	M12x1,5		630	32	17	SKK12-M12x1,5-PE	SKK12-M12x1,5-VE

¹⁾ Special thread:
buttress thread S 12,65 x 1,5

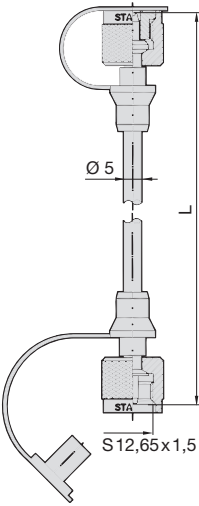
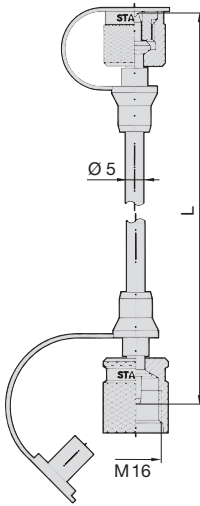
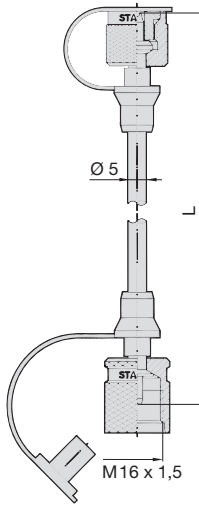
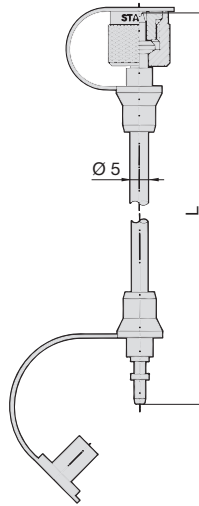
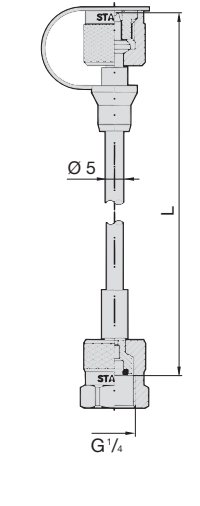
For ordering the plastic protection cap version please add "-KK" to the order number
Other port connections and seals on request

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

Type G Test coupling complete with straight fitting

Version A

Version B
Type K Test coupling for 24° cone fittings

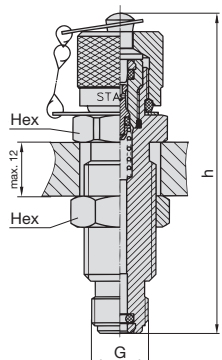
Series	PN bar	Pipe Ø d	~l ₁	l ₂	l ₃	h	Hex 1	Hex 2	Version	Order No.	
										Type G	Type K
L	315	6	51	21	15,5	46	24	14	A	SKK12-06L-PG	SKK12-06L-PK
		8	51	21	15,5	46	24	17	A	SKK12-08L-PG	SKK12-08L-PK
		10	53	23	16,5	46	24	19	A	SKK12-10L-PG	SKK12-10L-PK
		12	53	23	17,5	47,5	27	22	A	SKK12-12L-PG	SKK12-12L-PK
		15	55	25	21	49	30	27	B	SKK12-15L-PG	SKK12-15L-PK-GS
		18	57	24	19,5	50	32	32	B	SKK12-18L-PG	SKK12-18L-PK-GS
	160	22	61	28	20,5	52	36	36	B	SKK12-22L-PG	SKK12-22L-PK-GS
		28	61	28	25	54,5	41	41	B	SKK12-28L-PG	SKK12-28L-PK-GS
		35	69	26	30	57	46	50	B	SKK12-35L-PG	SKK12-35L-PK-GS
		42	71	25	31	61,5	55	60	B	SKK12-42L-PG	SKK12-42L-PK-GS
S	630	6	55	25	14,5	46	24	17	A	SKK12-06S-PG	SKK12-06S-PK
		8	55	25	16,5	46	24	19	A	SKK12-08S-PG	SKK12-08S-PK
		10	57	24	16,5	46	24	22	A	SKK12-10S-PG	SKK12-10S-PK
		12	57	24	17,5	46	24	24	A	SKK12-12S-PG	SKK12-12S-PK
		14	63	27	19,5	47,5	27	27	B	SKK12-14S-PG	SKK12-14S-PK-GS
	400	16	63	26	18	49	30	30	B	SKK12-16S-PG	SKK12-16S-PK-GS
		20	69	26	24	52	36	36	B	SKK12-20S-PG	SKK12-20S-PK-GS
		25	75	27	26	54,5	41	46	B	SKK12-25S-PG	SKK12-25S-PK-GS
		30	81	28	30	57	46	50	B	SKK12-30S-PG	SKK12-30S-PK-GS
	315	38	91	29	34	61,5	55	60	B	SKK12-38S-PG	SKK12-38S-PK-GS

For ordering FPM seals please replace "P" by "V"
 For ordering EPDM seals please replace "P" by "E"
 "GS" as part of order no.: Version B – screwed design

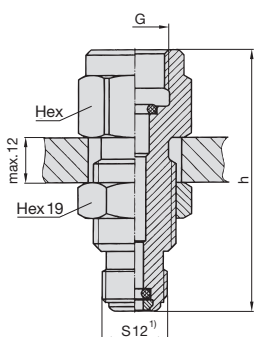
Test hose SMS (for gaseous media Type SGS)

Max. working pressure 400 bar Test hose: Nominal bore 2 mm Minimum bending radius 20 mm Nominal bore 4 mm also available 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 Burst pressure: 1100 bar	STAUFF TEST 12/12 ²⁾	STAUFF TEST 12/20	STAUFF TEST 12/15	STAUFF TEST 10/12	STAUFF TEST 12/M ¹⁾ /4-P-OR ³⁾
	STAUFF TEST 12  STAUFF TEST 12	STAUFF TEST 12  STAUFF TEST 20	STAUFF TEST 12  STAUFF TEST 15	STAUFF TEST 12  STAUFF TEST 10	STAUFF TEST 12  GAUGE ADAPTOR
Length L ¹⁾	Order No.				
200	SMS-12 – 200-A	SMS-12/20 – 200-A	SMS-12/15 – 200-A	SMS-10/12 – 200-A	SMS-12/M ¹⁾ /4-P-OR – 200-A
400	SMS-12 – 400-A	SMS-12/20 – 400-A	SMS-12/15 – 400-A	SMS-10/12 – 400-A	SMS-12/M ¹⁾ /4-P-OR – 400-A
630	SMS-12 – 630-A	SMS-12/20 – 630-A	SMS-12/15 – 630-A	SMS-10/12 – 630-A	SMS-12/M ¹⁾ /4-P-OR – 630-A
800	SMS-12 – 800-A	SMS-12/20 – 800-A	SMS-12/15 – 800-A	SMS-10/12 – 800-A	SMS-12/M ¹⁾ /4-P-OR – 800-A
1000	SMS-12 – 1000-A	SMS-12/20 – 1000-A	SMS-12/15 – 1000-A	SMS-10/12 – 1000-A	SMS-12/M ¹⁾ /4-P-OR – 1000-A
1500	SMS-12 – 1500-A	SMS-12/20 – 1500-A	SMS-12/15 – 1500-A	SMS-10/12 – 1500-A	SMS-12/M ¹⁾ /4-P-OR – 1500-A
2000	SMS-12 – 2000-A	SMS-12/20 – 2000-A	SMS-12/15 – 2000-A	SMS-10/12 – 2000-A	SMS-12/M ¹⁾ /4-P-OR – 2000-A
2500	SMS-12 – 2500-A	SMS-12/20 – 2500-A	SMS-12/15 – 2500-A	SMS-10/12 – 2500-A	SMS-12/M ¹⁾ /4-P-OR – 2500-A
3200	SMS-12 – 3200-A	SMS-12/20 – 3200-A	SMS-12/15 – 3200-A	SMS-10/12 – 3200-A	SMS-12/M ¹⁾ /4-P-OR – 3200-A
4000	SMS-12 – 4000-A	SMS-12/20 – 4000-A	SMS-12/15 – 4000-A	SMS-10/12 – 4000-A	SMS-12/M ¹⁾ /4-P-OR – 4000-A
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					

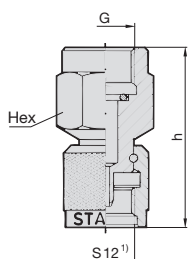
Bulkhead SSKK

	Thread G	h	Hex	Order No.	
				NBR	FPM
	S 12 ¹⁾	63	19	SSKK 12-P	SSKK 12-V

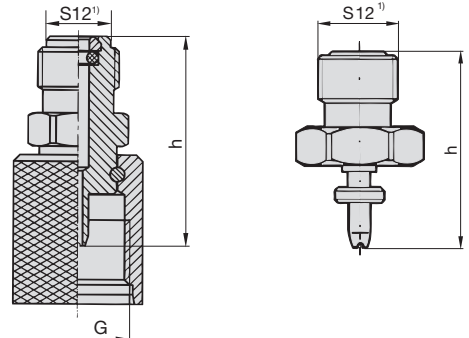
Gauge adaptor SMA

 Through-hole Ø 18	Thread G	h	Hex	Order No.	
				NBR	FPM
	G 1/4	51	19	SMA 12 - G 1/4 - P-OR	SMA 12 - G 1/4 - V-OR
	G 1/2	61	27	SMA 12 - G 1/2 - P-OR	SMA 12 - G 1/2 - V-OR
	1/4 NPT	51	19	SMA 12 - 1/4 NPT-P	SMA 12 - 1/4 NPT-V
	1/2 NPT	61	27	SMA 12 - 1/2 NPT-P	SMA 12 - 1/2 NPT-V
	Snubber on request				

Direct gauge adaptor SMD

	Thread G	h	Hex	Order No.	
				NBR	FPM
	G 1/4	35	19	SMD 12 - G 1/4 - P-OR	SMD 12 - G 1/4 - V-OR
	G 1/2	45	27	SMD 12 - G 1/2 - P-OR	SMD 12 - G 1/2 - V-OR
	1/4 NPT	35	19	SMD 12 - 1/4 NPT	SMD 12 - 1/4 NPT
	1/2 NPT	45	27	SMD 12 - 1/2 NPT	SMD 12 - 1/2 NPT
	Snubber on request				

Adaptor SAD

 Type A Type B	Thread G	h	Type	Order No.	
				NBR	FPM
	M 16 x 2	33	A	SAD 12/20-P	SAD 12/20-V
	M 16 x 1,5	33	A	SAD 12/15-P	SAD 12/15-V
	Plug in	31	B	SAD 12/10-P	SAD 12/10-V

¹⁾ Special thread: buttress thread S 12,65 x 1,5

Fast coupling for:

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

Advantages:

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

Working pressure:

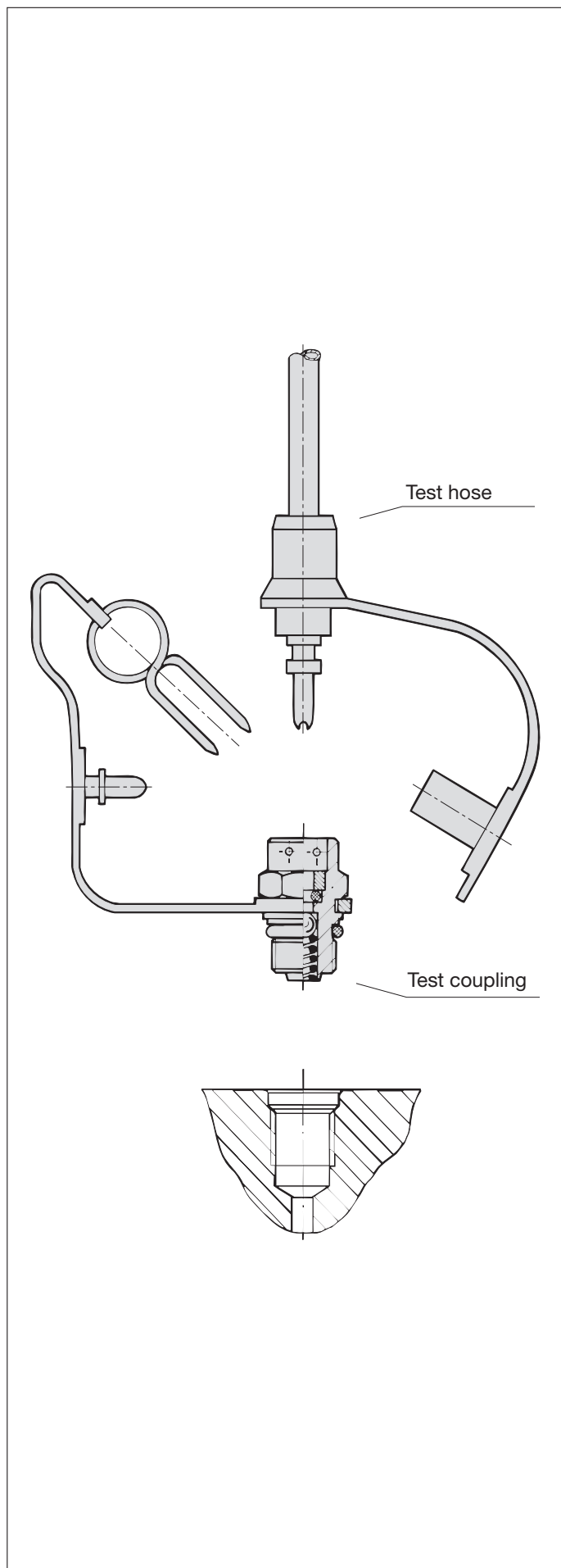
- Max. working pressure 400 bar
For SMK style G and K the recommended working pressure of fitting manufacturer has to be applied

Materials:

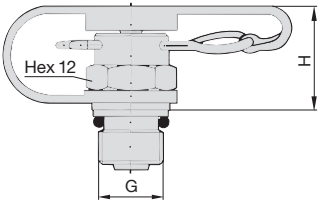
- Metal parts: Steel zinc-plated and yellow chromated
- Ball: Stainless Steel
- Seals:
 - P = NBR (Temperature range -20° C to +100° C)
(Internal seal made of FPM (even at the standard NBR-type))
 - V = FPM (Temperature range -20° C to +200° C)
 - E = EPDM Ethylene Propylene (for Break Fluid, Temperature range -40° C to +150° C)
- Hose: Polyamide (Temperature range -35° C to +100° C)

Media:

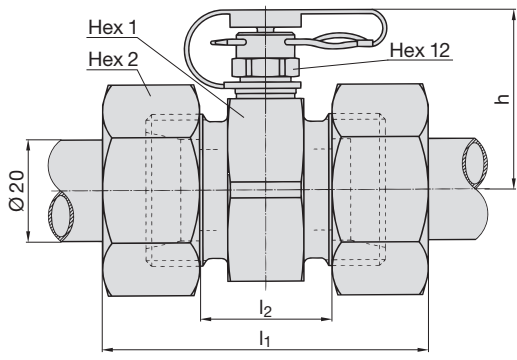
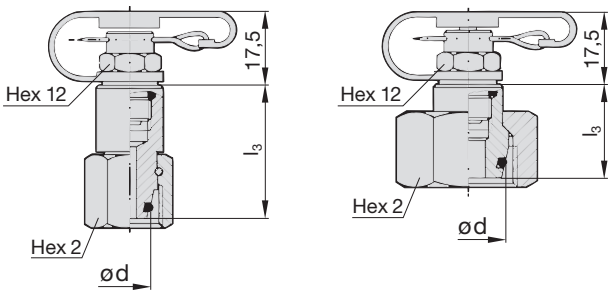
- Suitable for hydraulic oils and other mineral oil based fluids
(Please pay attention to the sealing materials used!)
- For use in conjunction with other liquid media please consult STAUFF



Test coupling with protective cap

	Thread G	Seal	Working pressure bar	H	Order No.	
					NBR	FPM
	M8 x 1	O-ring Type A	250	17,5	SMK 10 – M8 x 1 – PA	SMK 10 – M8 x 1 – VA
	M10 x 1		400	17,5	SMK 10 – M10 x 1 – PA	SMK 10 – M10 x 1 – VA
	R 1/8 taper	Taper Type D suitable sealant required	400	17,5	SMK 10 – R 1/8 K-PD	SMK 10 – R 1/8 K-VD
Further thread versions possible by use of thread adaptors SRS20						

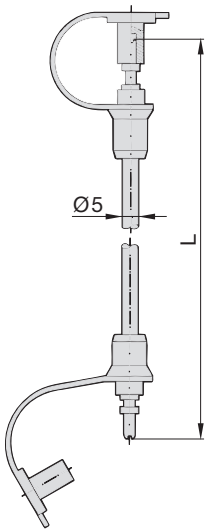
Test coupling SMK (compression ring fittings acc. to DIN 2353)

 Type G Test coupling complete with straight fitting	 Type K Test coupling for 24° cone fittings
--	---

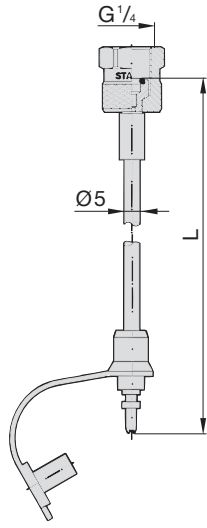
Series	PN bar	Pipe Ø d	~l ₁	l ₂	l ₃	h	Hex 1	Hex 2	Order No.	
									Type G	Type K
L	315	6	51	21	30,5	29,5	24	14	SMK10-06L-PG	SMK10-06L-PK-GS
		8	51	21	30,5	29,5	24	17	SMK10-08L-PG	SMK10-08L-PK-GS
		10	53	23	31,5	29,5	24	19	SMK10-10L-PG	SMK10-10L-PK-GS
		12	53	23	32,5	31	27	22	SMK10-12L-PG	SMK10-12L-PK-GS
		15	55	25	21	32,5	30	27	SMK10-15L-PG	SMK10-15L-PK-GS
		18	57	24	19,5	33,5	32	32	SMK10-18L-PG	SMK10-18L-PK-GS
	160	22	61	28	20,5	35,5	36	36	SMK10-22L-PG	SMK10-22L-PK-GS
		28	61	28	25	38	41	41	SMK10-28L-PG	SMK10-28L-PK-GS
		35	69	26	30	40,5	46	50	SMK10-35L-PG	SMK10-35L-PK-GS
		42	71	25	31	45	55	60	SMK10-42L-PG	SMK10-42L-PK-GS
S	400	6	55	25	29,5	29,5	24	17	SMK10-06S-PG	SMK10-06S-PK-GS
		8	55	25	31,5	29,5	24	19	SMK10-08S-PG	SMK10-08S-PK-GS
		10	57	24	31,5	29,5	24	22	SMK10-10S-PG	SMK10-10S-PK-GS
		12	57	24	32,5	29,5	24	24	SMK10-12S-PG	SMK10-12S-PK-GS
		14	63	27	19,5	31	27	27	SMK10-14S-PG	SMK10-14S-PK-GS
		16	63	26	18	32,5	30	30	SMK10-16S-PG	SMK10-16S-PK-GS
		20	69	26	24	35,5	36	36	SMK10-20S-PG	SMK10-20S-PK-GS
		25	75	27	26	38	41	46	SMK10-25S-PG	SMK10-25S-PK-GS
	315	30	81	28	30	40,5	46	50	SMK10-30S-PG	SMK10-30S-PK-GS
		38	91	29	34	45	55	60	SMK10-38S-PG	SMK10-38S-PK-GS

For ordering FPM seals please replace "P" by "V"
 For ordering EPDM seals please replace "P" by "E"
 "GS" as part of order no.: screwed design

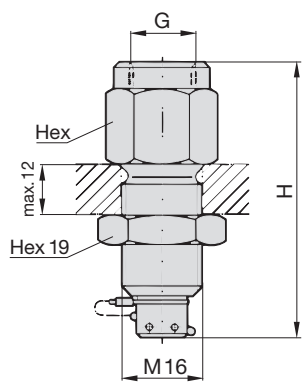
Test hose SMS

	Length L	Order No.	Notice
	200	SMS-10 – 200-A	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 % Bending protection and other lengths on request.
	400	SMS-10 – 400-A	
	630	SMS-10 – 630-A	
	800	SMS-10 – 800-A	
	1000	SMS-10 – 1000-A	
	1500	SMS-10 – 1500-A	
	2000	SMS-10 – 2000-A	
	2500	SMS-10 – 2500-A	
	3200	SMS-10 – 3200-A	
	4000	SMS-10 – 4000-A	

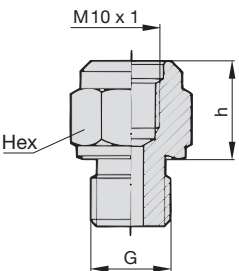
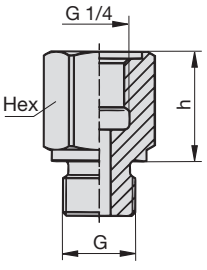
Test hose SMS for direct gauge adaptor

	Length L	Order No.	Notice
	200	SMS-10/M 1/4-P-OR – 200-A	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 % Bending protection and other lengths on request.
	400	SMS-10/M 1/4-P-OR – 400-A	
	630	SMS-10/M 1/4-P-OR – 630-A	
	800	SMS-10/M 1/4-P-OR – 800-A	
	1000	SMS-10/M 1/4-P-OR – 1000-A	
	1500	SMS-10/M 1/4-P-OR – 1500-A	
	2000	SMS-10/M 1/4-P-OR – 2000-A	
	2500	SMS-10/M 1/4-P-OR – 2500-A	
	3200	SMS-10/M 1/4-P-OR – 3200-A	
	4000	SMS-10/M 1/4-P-OR – 4000-A	

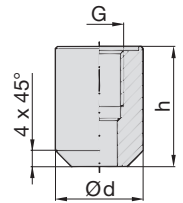
Gauge adaptor SMA

 Through-hole Ø 18	G	H	Hex	Order No.	
				NBR	FPM
	G 1/4	57	19	SMA 10 – G 1/4 – P-OR	SMA 10 – G 1/4 – V-OR
	G 1/2	67	27	SMA 10 – G 1/2 – P-OR	SMA 10 – G 1/2 – V-OR
	1/4 NPT	57	19	SMA 10 – 1/4 NPT-P	SMA 10 – 1/4 NPT-V
	1/2 NPT	67	27	SMA 10 – 1/2 NPT-P	SMA 10 – 1/2 NPT-V
Snubber on request					

Thread adaptor SRS

 Version A	Thread G	Seal	h	Hex	Version	Order No. SRS
	M10x1	Metal joint Type B	15,5	17	A	SRS20-M10x1-B
	M12x1,5		15	19	A	SRS20-M12x1,5-B
	M14x1,5		15	19	A	SRS20-M14x1,5-B
	M16x1,5		8	22	A	SRS20-M16x1,5-B
	M18x1,5		15	24	A	SRS20-M18x1,5-B
	M22x1,5		10,5	27	A	SRS20-M22x1,5-B
	G ¹ / ₈		15,5	17	A	SRS20-G ¹ / ₈ -B
	G ¹ / ₄		15	19	A	SRS20-G ¹ / ₄ -B
	G ³ / ₈		10,5	22	A	SRS20-G ³ / ₈ -B
	G ¹ / ₂		10,5	27	A	SRS20-G ¹ / ₂ -B
	M12x1,5	Elastomeric seal Type C	15	19	A	SRS20-M12x1,5-PC
	M14x1,5		15	19	A	SRS20-M14x1,5-PC
	M18x1,5		15	24	A	SRS20-M18x1,5-PC
	G ¹ / ₈		16	17	A	SRS20-G ¹ / ₈ -PC
	G ¹ / ₄		15	19	A	SRS20-G ¹ / ₄ -PC
	G ³ / ₈		10,5	22	A	SRS20-G ³ / ₈ -PC
	G ¹ / ₂		10,5	27	A	SRS20-G ¹ / ₂ -PC
	R ¹ / ₄ K	Taper Type D suitable sealant required	13	17	A	SRS20-R ¹ / ₄ K-D
	R ³ / ₈ K		13	19	A	SRS20-R ³ / ₈ K-D
	R ¹ / ₂ K		8	22	A	SRS20-R ¹ / ₂ K-D
	1/4NPT		10	17	A	SRS20-1/4NPT-D
	1/2NPT		8	22	A	SRS20-1/2NPT-D
	7/16-20UNF	O-ring Type E	9	17	A	SRS20-7/16UNF-PE
	1/2-20UNF		15	17	A	SRS20-1/2UNF-PE
	9/16-18UNF		15,5	19	A	SRS20-9/16UNF-PE
	7/8-14UNF		11	27	A	SRS20-7/8UNF-PE
	M14x1,5		14,5	19	A	SRS20-M14x1,5-PE
	M16x1,5		8,5	22	A	SRS20-M16x1,5-PE
	M22x1,5		10	27	A	SRS20-M22x1,5-PE
	M27x2		10	32	A	SRS20-M27x2-PE
 Version B	M14x1,5	Metal joint Type B	24	19	B	SRS15-M14x1,5-B
	M16x1,5		24	22	B	SRS15-M16x1,5-B
	M18x1,5		24	24	B	SRS15-M18x1,5-B
	M20x1,5		10,5	27	B	SRS15-M20x1,5-B
	G ³ / ₈		24	22	B	SRS15-G ³ / ₈ -B
	G ¹ / ₂		10,5	27	B	SRS15-G ¹ / ₂ -B
	M14x1,5	Elastomeric seal Type C	24	19	B	SRS15-M14x1,5-PC
	M16x1,5		24	22	B	SRS15-M16x1,5-PC
	M18x1,5		24	24	B	SRS15-M18x1,5-PC
	G ³ / ₈		24	22	B	SRS15-G ³ / ₈ -PC

Welding adaptor SAS

 Material: St 37, black finished	Thread G	Port connection	h	Ød	Order No. SAS
	M10x1	Type A	25	20	SAS-M10x1
	G ¹ / ₈	Type B/C	25	20	SAS-G ¹ / ₈
	G ¹ / ₄		30	22	SAS-G ¹ / ₄
	G ³ / ₈		30	25	SAS-G ³ / ₈
	1/4NPT	Type D	25	20	SAS-1/4NPT
	1/2-20UNF	Type E	25	20	SAS-1/2UNF

“bar/psi” dual scale,
for further versions see catalogue
“STAUFF Hydraulic Accessories”

d	b	h	Pressure range bar/psi Accuracy class 1.6	Order No.	
				G = G ¹ / ₄	G = 1/4 NPT
68	32	54	-1...+3 / -14...+42	SPG 063-(-1)-00003-01-S-B04	SPG 063-(-1)-00003-01-S-N04
			10 / 145	SPG 063-00010-01-S-B04	SPG 063-00010-01-S-N04
			16 / 230	SPG 063-00016-01-S-B04	SPG 063-00016-01-S-N04
			25 / 360	SPG 063-00025-01-S-B04	SPG 063-00025-01-S-N04
			40 / 580	SPG 063-00040-01-S-B04	SPG 063-00040-01-S-N04
			60 / 850	SPG 063-00060-01-S-B04	SPG 063-00060-01-S-N04
			100 / 1.450	SPG 063-00100-01-S-B04	SPG 063-00100-01-S-N04
			160 / 2.300	SPG 063-00160-01-S-B04	SPG 063-00160-01-S-N04
			250 / 3.600	SPG 063-00250-01-S-B04	SPG 063-00250-01-S-N04
			400 / 5.800	SPG 063-00400-01-S-B04	SPG 063-00400-01-S-N04
			600 / 8.500	SPG 063-00600-01-S-B04	SPG 063-00600-01-S-N04
d	b	h	Pressure range bar/psi Accuracy class 1.0	Order No.	
				G = G ¹ / ₂	G = 1/2 NPT
107	48	87	-1...+3 / -14...+42	SPG 100--1-3-1-S-B	SPG 100-(-1)-00003-01-S-N04
			10 / 145	SPG 100-0-10-1-S-B	SPG 100-0-10-1-S-N
			16 / 230	SPG 100-0-16-1-S-B04	SPG 100-0-16-1-S-N
			25 / 360	SPG 100-0-25-1-S-B	SPG 100-0-25-1-S-N
			40 / 580	SPG 100-0-40-1-S-B	SPG 100-0-40-1-S-N
			60 / 850	SPG 100-0-60-1-S-B	SPG 100-0-60-1-S-N
			100 / 1.450	SPG 100-0-100-1-S-B	SPG 100-0-100-1-S-N
			160 / 2.300	SPG 100-0-160-1-S-B	SPG 100-0-160-1-S-N
			250 / 3.600	SPG 100-0-250-1-S-B	SPG 100-0-250-1-S-N
			400 / 5.800	SPG 100-0-400-1-S-B	SPG 100-0-400-1-S-N
			600 / 8.500	SPG 100-0-600-1-S-B	SPG 100-0-600-1-S-N

Adjustable gauge fitting EMV

G ₁	G ₂	H	Hex	Order No.	
				NBR	FPM
G ^{1/4}	G ^{1/4}	42	19	EMV-G ^{1/4} -P-OR-PC	EMV-G ^{1/4} -V-OR-VC
G ^{1/4}	G ^{1/2}	47	19	EMV-G ^{1/4} /G ^{1/2} -P-OR-PC	EMV-G ^{1/4} /G ^{1/2} -V-OR-VC
G ^{1/2}	G ^{1/4}	51	27	EMV-G ^{1/2} /G ^{1/4} -P-OR-PC	EMV-G ^{1/2} /G ^{1/4} -V-OR-VC
G ^{1/2}	G ^{1/2}	55,5	27	EMV-G ^{1/2} -P-OR-PC	EMV-G ^{1/2} -V-OR-VC



SMB-20-1-xxx

(Pressure range)

1 Test hose (2000 mm length)	SMS-20-2000-A	3
1 Pressure gauge Ø 63 mm	SPG 063-xxx	10
1 Gauge adaptor G 1/4	SMA 20-G 1/4	16
1 Direct gauge adaptor G 1/4	SMD 20-G 1/4	25
1 Test coupling G 1/4	SMK 20-G 1/4	40
1 Test coupling M 10 x 1	SMK 20-M 10 x 1	60
1 Thread adaptor G 3/8	SRS 20-G 3/8	100
1 Thread adaptor G 1/2	SRS 20-G 1/2	160
		250
		400

SMB-15-1-xxx

(Pressure range)

1 Test hose (2000 mm length)	SMS-15-2000-A	3
1 Pressure gauge Ø 63 mm	SPG 063-xxx	10
1 Gauge adaptor G 1/4	SMA 15-G 1/4	16
1 Direct gauge adaptor G 1/4	SMD 15-G 1/4	25
1 Test coupling G 1/4	SMK 15-G 1/4	40
1 Test coupling M 14 x 1,5	SMK 15-M 14 x 1,5	60
1 Thread adaptor G 3/8	SRS 15-G 3/8	100
1 Thread adaptor G 1/2	SRS 15-G 1/2	160
		250
		400
		600



SMB-20-2-xxx/xxx

(Pressure range)

1 Test hose (2000 mm length)	SMS 20-2000-A	3
2 Pressure gauges Ø 63 mm	SPG 063-xxx/xxx...	10
1 Gauge adaptor G 1/4	SMA 20-G 1/4	16
1 Direct gauge adaptor G 1/4	SMD 20-G 1/4	25
1 Test coupling G 1/4	SMK 20-G 1/4	40
1 Test coupling M 10 x 1	SMK 20-M 10 x 1	60
1 Thread adaptor G 3/8	SRS 20-G 3/8	100
1 Thread adaptor G 1/2	SRS 20-G 1/2	160
		250
		400

SMB-15-2-xxx/xxx

(Pressure range)

1 Test hose (2000 mm length)	SMS-15-2000-A	3
2 Pressure gauges Ø 63 mm	SPG 063-xxx/xxx...	10
1 Gauge adaptor G 1/4	SMA 15-G 1/4	16
1 Direct gauge adaptor G 1/4	SMD 15-G 1/4	25
1 Test coupling G 1/4	SMK 15-G 1/4	40
1 Test coupling M 14 x 1,5	SMK 15-M 14 x 1,5	60
1 Thread adaptor G 3/8	SRS 15-G 3/8	100
1 Thread adaptor G 1/2	SRS 15-G 1/2	160
		250
		400
		600



SMB-20-3-xxx

(Pressure range)

1 Test hose (2000 mm length)	SMS-20-2000 A	3
1 Pressure gauge Ø 100 mm	SPG 100-xxx	10
1 Gauge adaptor G 1/2	SMA 20-G 1/2	16
1 Direct gauge adaptor G 1/2	SMD 20-G 1/2	25
1 Test coupling G 1/4	SMK 20-G 1/4	40
1 Test coupling M 10 x 1	SMK 20-M 10 x 1	60
1 Thread adaptor G 3/8	SRS 20-G 3/8	100
1 Thread adaptor G 1/2	SRS 20-G 1/2	160
		250
		400

SMB-15-3-xxx

(Pressure range)

1 Test hose (2000 mm length)	SMS-15-2000-A	3
1 Pressure gauge Ø 100 mm	SPG 100-xxx	10
1 Gauge adaptor G 1/4	SMA 15-G 1/2	16
1 Direct gauge adaptor G 1/4	SMD 15-G 1/2	25
1 Test coupling G 1/4	SMK 15-G 1/4	40
1 Test coupling M 14 x 1,5	SMK 15-M 14 x 1,5	60
1 Thread adaptor G 3/8	SRS 15-G 3/8	100
1 Thread adaptor G 1/2	SRS 15-G 1/2	160
		250
		400
		600

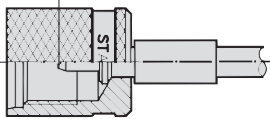
Technical data for Test hoses

Ordering code			A	B	C	D
Nominal bore (DN)		(mm)	DN 2		DN 4	
max. working pressure (PN)		(bar)	400	630	340	630
min. burst pressure		(bar)	1100	1900	850	1900
Testing pressure		(bar)	600	950	570	950
Pressure rating in bar at indicated temperature	at 0° C	(bar)	488	768	463	768
	at 30° C	(bar)	440	693	418	693
	at 50° C	(bar)	400	630	380	630
	at 80° C	(bar)	344	542	327	542
	at 100° C	(bar)	308	485	293	485
Working temperature		(° C)	– 35 to +100 (momentary +120)			
Inside diameter		(mm)	2		4	
Outside diameter		(mm)	5		8,6	
Bending radius	at working pressure	(mm)	20		40	
	at – 20° C	(mm)	30		60	
max. coil length		(m)	100			
Weight/m		(g)	16		42	
Inner/outer tube			PA			
Reinforcement			Synthetic fibre			

Hose ends made out of 9 S Mn Pb 28 (1.0718), zinc plated and chromated

Stainless steel on request

Ordering code



SMS¹⁾ **20**

Hose End 1 (see Type page 31 - 35)		
20	A	J
15	S	D
12	K	B
10	L	U
M	G	P
N	F	etc.
W	C	

/ M . . .

Hose End 2 (see Type page 31 - 35)

only specify when
2 different hose ends
are required

3000

Length

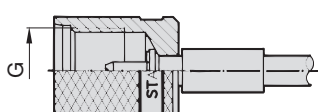
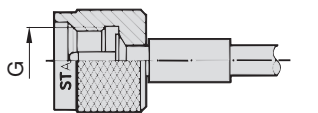
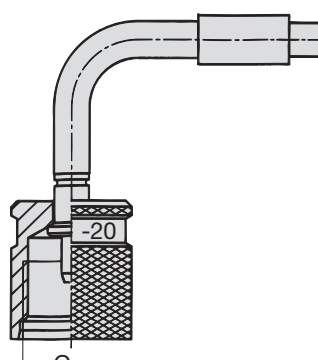
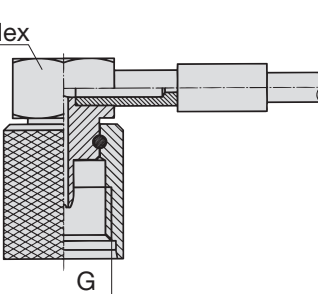
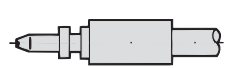
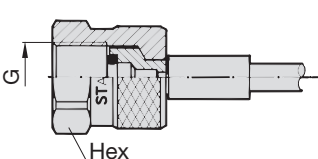
Length in mm
(see L above)

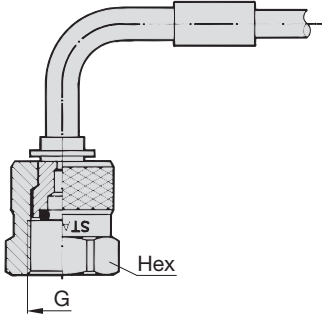
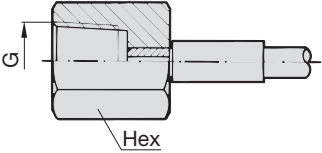
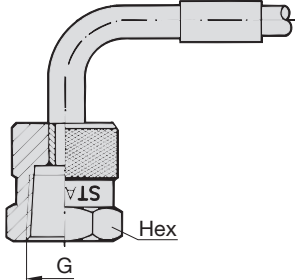
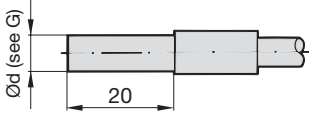
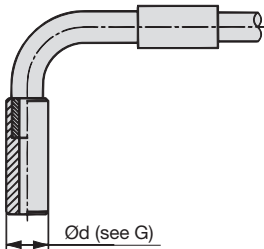
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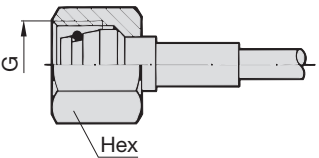
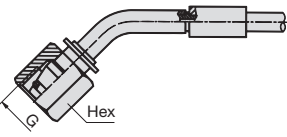
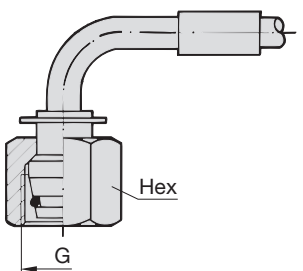
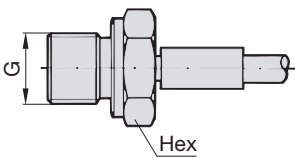
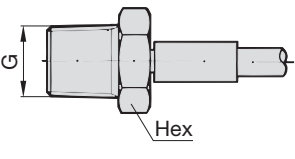
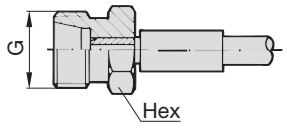
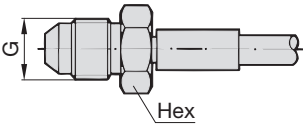
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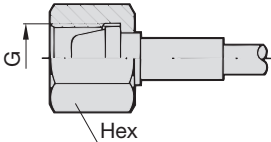
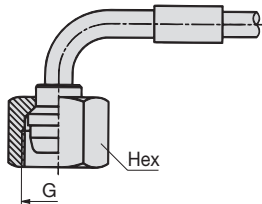
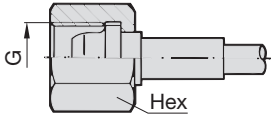
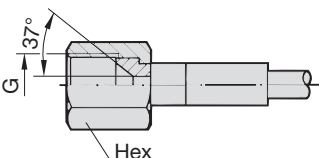
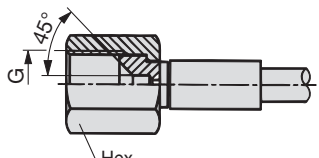
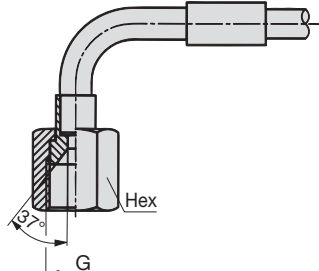
A = DN 2 400 bar
B = DN 2 630 bar
C = DN 4 340 bar
D = DN 4 630 bar

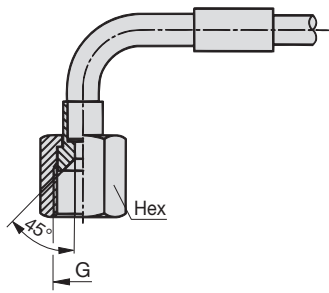
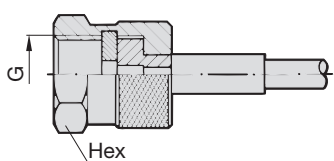
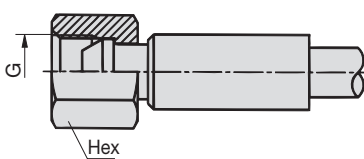
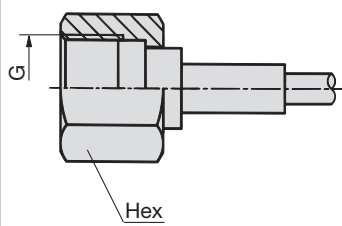
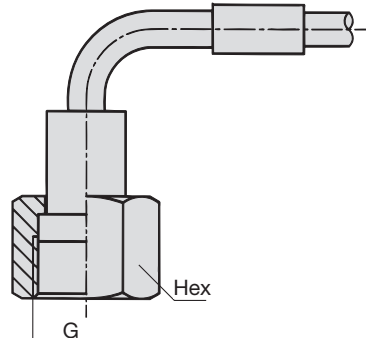
¹⁾ for gaseous media Type SGS

Description	Hose end	Type		G	Hex	DN
STAUFF TEST Screw-type Suitable for test points	 Type 20 + 15  Type 12		20	M16 x 2		2 and 4
			15	M16 x 1,5		
			12	S 12,65 x 1,5		
STAUFF TEST Screw-type 90° elbow Suitable for test points	 G	O	20	M16 x 2		
			15	M16 x 1,5		
			12	S 12,65 x 1,5		
STAUFF TEST Screw-type 90° elbow Suitable for test points (short wire version)	 Hex G	OX	20	M16 x 2	17	2
			15	M16 x 1,5	17	
			12	S 12,65 x 1,5	17	
STAUFF TEST Plug in-type	 G		10	Plug in system		
Gauge adapter BSP-thread for G ³ / ₈ , G ¹ / ₂ M14 x 1,5 and M20 x 1,5 swivel nut like type N	 G Hex	M	¹ / ₄	G ¹ / ₄	19	2/4
			¹ / ₂	G ¹ / ₂	27	2/4
			³ / ₈	G ³ / ₈	22	2
			14	M14 x 1,5	19	2
			20	M20 x 1,5	27	2

Description	Hose end	Type		G	Hex	DN
90° elbow gauge adapter gauge adapter BSP-thread for G $\frac{1}{2}$ swivel nut like type N		W	$\frac{1}{4}$	G $\frac{1}{4}$	19	2 and 4
			$\frac{1}{2}$	G $\frac{1}{2}$	27	
Gauge adapter NPT-thread for $\frac{1}{4}$ NPT swivel nut like type M		N	$\frac{1}{4}$	$\frac{1}{4}$ NPT	19	2
			$\frac{1}{2}$	$\frac{1}{2}$ NPT	27	
90° elbow gauge adapter gauge adapter NPT-thread for $\frac{1}{2}$ NPT swivel nut like type N		A	$\frac{1}{4}$	$\frac{1}{4}$ NPT	19	2 and 4
			$\frac{1}{2}$	$\frac{1}{2}$ NPT	27	
Standpipe according to DIN 2353		S	4	4 LL		2
			6	6 L – 6 S		2/4
			8	8 L – 8 S		2/4
			10	10 L – 10 S		2/4
			12	12 L – 12 S		2
			$\frac{1}{4}$	$\frac{1}{4}$ "		2/4
Standpipe according to DIN 2353 90° elbow		SG	6	6 L – 6 S		2 and 4
			8	8 L – 8 S		

Description	Hose end	Type		G	Hex	DN
Seal with O-ring for 24° cone fitting according to DIN 2353 c/w swivel nut		K	6 L	M12 x 1,5	14	2 and 4
			8 L	M14 x 1,5	17	
			10 L	M16 x 1,5	19	
			12 L	M18 x 1,5	22	
			6 S	M14 x 1,5	17	
			8 S	M16 x 1,5	19	
			10 S	M18 x 1,5	22	
			12 S	M20 x 1,5	24	
Seal with O-ring for 24° cone fitting according to DIN 2353 c/w swivel nut 45° elbow		R	6 L	M12 x 1,5	14	
			6 S	M14 x 1,5	17	
Seal with O-ring for 24° cone fitting according to DIN 2353 c/w swivel nut 90° elbow		L	6 L	M12 x 1,5	14	
			8 L	M14 x 1,5	17	
			10 L	M16 x 1,5	19	
			6 S	M14 x 1,5	17	
			8 S	M16 x 1,5	19	
			10 S	M18 x 1,5	24	
Male thread according to DIN 3852-B		G	12	M12 x 1,5	17	
			1/8	G 1/8	14	
			1/4	G 1/4	19	
			1/2	G 1/2	27	
Male thread NPT according to ANSI-standard		F	1/8	1/8 NPT	13	
			1/4	1/4 NPT	17	
Male thread for 24° cone fitting according to DIN 2353		C	6 L	M12 x 1,5	14	
			8 L	M14 x 1,5	17	
			6 S	M14 x 1,5	17	
			8 S	M16 x 1,5	17	
Male thread according to SAE J 514		J	1/4	7/16 - 20 UNF	14	
			5/16	1/2 - 20 UNF	14	
			3/8	9/16 - 18 UNF	17	

Description	Hose end	Type		G	Hex	DN
Universal sealing head with swivel nut for 24° cone fitting according to DIN 2353		D	6 L	M12 x 1,5	14	2 and 4
			8 L	M14 x 1,5	17	
			10 L	M16 x 1,5	19	
			12 L	M18 x 1,5	22	
			6 S	M14 x 1,5	17	
			8 S	M16 x 1,5	19	
			10 S	M18 x 1,5	22	
			12 S	M20 x 1,5	24	
Universal sealing head with swivel nut for 24° cone fitting according to DIN 2353 90° elbow		Q	10 L	M16 x 1,5	19	2 and 4
			10 S	M18 x 1,5	22	
Sealing head with swivel nut for cone fitting according to DIN EN 560		B	1/8	G 1/8	12	2
			1/4	G 1/4	17	2 and 4
Sealing head with swivel nut according to SAE J 514 37° cone		U	1/4	7/16 – 20 UNF	14	2 and 4
			5/16	1/2 – 20 UNF	17	
			3/8	9/16 – 18 UNF	19	
Sealing head with swivel nut according to SAE J 516 45° cone		UR	1/4	7/16 – 20 UNF	14	2
Sealing head with swivel nut according to SAE J 514 37° cone 90° elbow		E	1/4	7/16 – 20 UNF	14	2

Description	Hose end	Type		G	Hex	DN
Sealing head with swivel nut according to SAE J 516 45° cone 90° elbow		ER	1/4	7/16 – 20 UNF	14	2
Test hose for air brake systems		P	2	M 16 x 1,5	19	2
Sealing head with swivel nut 60° cone		H	1/4	G 1/4	17	4
Screw-type ORFS according to SAE J 1453		T	9/16	9/16 – 18 UNF	17	2
			11/16	11/16 – 16 UN	21	
Screw-type ORFS according to SAE J 1453 90° elbow		V	11/16	11/16 – 16 UN	21	2 and 4



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