

### Fast Coupling for:

- Monitoring and control of pressure
- Venting
- Sampling Fluids

### Advantages:

- Coupling at system pressure level
- Connection is leakproof before **piston valve** is open
- Simple connection to measurement, control and switching devices
- Self locking metal protective cap
- Minimizes introduction of contamination to hydraulic systems

### Working Pressure:

- Max. working pressure 9000 PSI (630 bar)  
For SKK type G, K and S the recommended working pressure of fitting manufacturer should be noted
- Connection under pressure up to 5800 PSI (400 bar) max.

### Materials:

- Metal parts: Steel, Stainless Steel on request

#### Seals:

##### Standard

V = FPM-VITON Temperature range - 4°F to +392°F  
(- 20° C to +200° C)

##### Optional

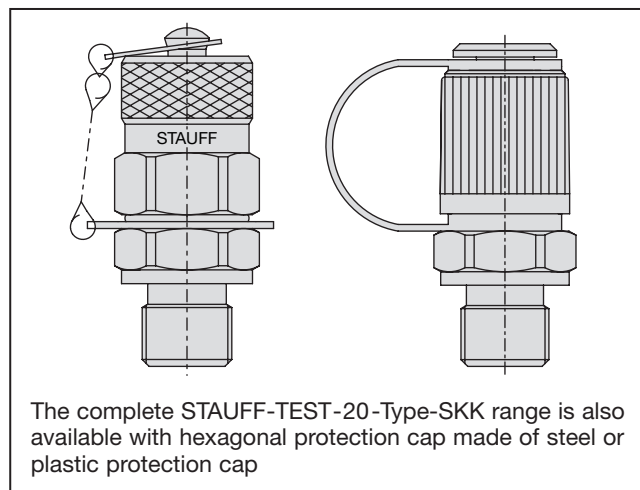
P = NBR-BUNA Temperature range - 4°F to +195°F  
(- 20° C to +90° C)

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 low viscosity mineral based fluids (Check compatibility of seal material)
- For use with other liquid or gaseous media please consult STAUFF for details



## Test Coupling with Protective Cap SKK

Thread G	h		Hex		Order No. (Add C6F for Standard Finish)		Seal Type (see below)
	mm	in	mm	in	NBR (BUNA)	FPM (VITON) (Standard)	
M8 x 1	37	1.45	17	.67	SKK 20 - M8 x 1 - PA	SKK 20 - M8 x 1 - VA	O-Ring Type A
M10 x 1	37	1.45	17	.67	SKK 20 - M10 x 1 - PA	SKK 20 - M10 x 1 - VA	O-Ring Type A
M12 x 1,5	37	1.45	17	.67	SKK 20 - M12 x 1,5 - PC	SKK 20 - M12 x 1,5 - VC	O-Ring Type C
M14 x 1,5	37	1.45	19	.75	SKK 20 - M14 x 1,5 - PB	SKK 20 - M14 x 1,5 - VB	Metal joint Type B
M16 x 1,5	37	1.45	22	.87	SKK 20 - M16 x 1,5 - PB	SKK 20 - M16 x 1,5 - VB	Metal joint Type B
G 1/8	39	1.53	17	.67	SKK 20 - G 1/8 - PC	SKK 20 - G 1/8 - VC	O-Ring Type C
G 1/4	37	1.45	19	.75	SKK 20 - G 1/4 - PB	SKK 20 - G 1/4 - VB	Metal joint Type B
G 1/4	37	1.45	19	.75	SKK 20 - G 1/4 - PC	SKK 20 - G 1/4 - VC	O-Ring Type C
G 3/8	37	1.45	22	.87	SKK 20 - G 3/8 - PB	SKK 20 - G 3/8 - VB	Metal joint Type B
R 1/8 taper	37	1.45	17	.67	SKK 20 - R 1/8 K-PD	SKK 20 - R 1/8 K-VD	Taper Type D
R 1/4 taper	36	1.41	17	.67	SKK 20 - R 1/4 K-PD	SKK 20 - R 1/4 K-VD	Taper Type D
1/8 NPT	36	1.41	17	.67	SKK 20 - 1/8 NPT-PD	SKK 20 - 1/8 NPT-VD	Taper Type D
1/4 NPT	35	1.38	17	.67	SKK 20 - 1/4 NPT-PD	SKK 20 - 1/4 NPT-VD	Taper Type D
5/16 - 24 UNF	38	1.50	17	.67	SKK 20 - 5/16 UNF-PE	SKK 20 - 5/16 UNF-VE	O-Ring Type E
7/16 - 20 UNF	38	1.50	17	.67	SKK 20 - 7/16 UNF-PE	SKK 20 - 7/16 UNF-VE	O-Ring Type E
1/2 - 20 UNF	38	1.50	17	.67	SKK 20 - 1/2 UNF-PE	SKK 20 - 1/2 UNF-VE	O-Ring Type E
9/16 - 18 UNF	37	1.45	19	.75	SKK 20 - 9/16 UNF-PE	SKK 20 - 9/16 UNF-VE	O-Ring Type E

To order hexagonal protection cap, add "SK" to part number. To order Plastic Protection cap, add "KK" to part number. Other port connections and seals on request.

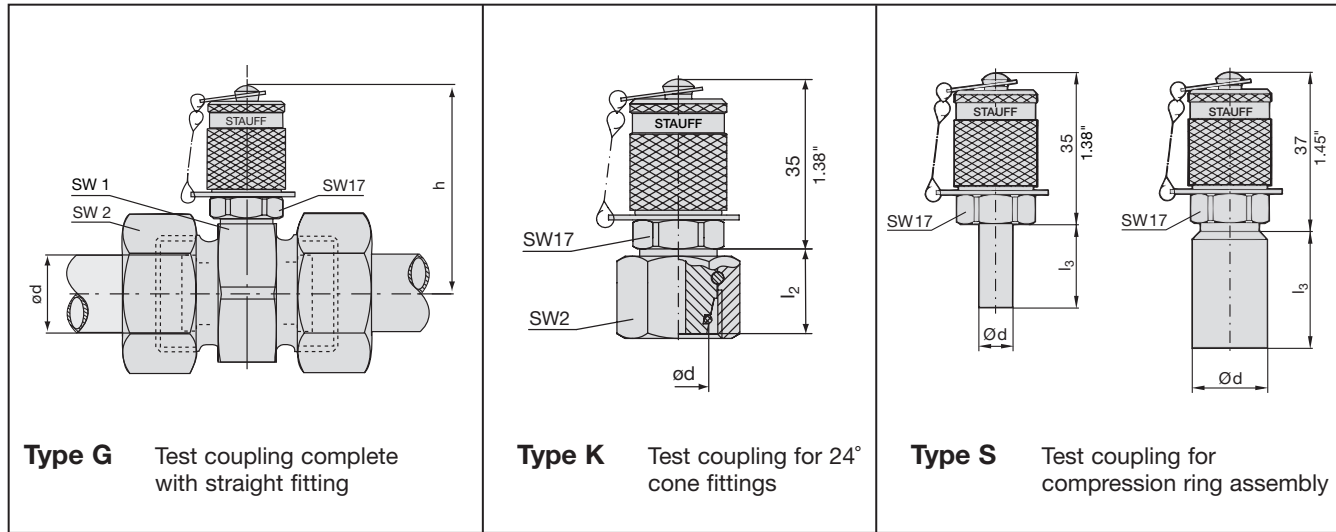
TEST

## Port Connections and Seals

Type A				Type B				Type C				Type D			Type E (ISO 6149)								
G	d <sub>1</sub>	t <sub>1</sub>	t <sub>2</sub>	G	d <sub>1</sub>	t <sub>1</sub>	t <sub>2</sub>	a	G	d <sub>1</sub>	t <sub>1</sub>	t <sub>2</sub>	a	G	t <sub>1</sub>	t <sub>2</sub>	G	d <sub>1</sub>	d <sub>2</sub>	t <sub>1</sub>	t <sub>2</sub>	a	
	mm	mm	mm		mm	mm	mm	mm		mm	mm	mm	mm		mm	mm	mm		mm	mm	mm	mm	mm
	in	in	in		in	in	in	in		in	in	in	in		in	in	in		in	in	in	in	in
M8 x 1	9,5 + 0,1	11	15,5	M14 x 1,5	20	12	18,5	1,5	M12 x 1,5	18	12	18,5	1,5	R 1/8 taper	5,5	9,5	5/16 - 24 UNF	9,1	17	10	12	1,9	
	0,37	0,43	0,61		0,79	0,47	0,73	0,06		0,71	0,47	0,73	0,06		0,22	0,37		0,36	0,67	0,39	0,47	0,07	
M10 x 1	11,5 + 0,1	12	16,5	M16 x 1,5	22	12	18,5	1,5	G 1/8	15	8	13	1,0	R 1/4 taper	8,5	13,5	7/16 - 20 UNF	12,4	21	11,5	14	2,4	
	0,45	0,47	0,65		0,87	0,47	0,73	0,06		0,59	0,31	0,51	0,04		0,33	0,53		0,49	0,83	0,45	0,55	0,09	
				G 1/4	19	12	18,5	1,5	G 1/4	19	12	18,5	1,5	1/8 NPT	6,9	11,6	1/2 - 20 UNF	14	23	11,5	14	2,4	
					0,75	0,47	0,73	0,06		0,75	0,47	0,73	0,06		0,27	0,46		0,55	0,91	0,45	0,55	0,09	
				G 3/8	23	12	18,5	1,5						1/4 NPT	10	16,4	9/16 - 18 UNF	15,6	25	12,7	15,5	2,5	
					0,91	0,47	0,73	0,06							0,39	0,65		0,61	0,98	0,50	0,61	0,10	

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

TEST



**Type G** Test coupling complete with straight fitting

**Type K** Test coupling for 24° cone fittings

**Type S** Test coupling for compression ring assembly

Series	PN PSI (Bar)	Pipe Ød	l <sub>2</sub>		l <sub>3</sub>		h		SW 1		SW 2		Order No.* (Add C6F for Standard Finish)		
			mm	in	mm	in	mm	in	mm	in	mm	in	Type G	Type K	Type S
L	4500 (315)	6	15,5	0.61	20	0.79	49	1.93	24	0.94	14	0.55	SKK 20 - 6L-VG	SKK 20 - 6L-VK	SKK 20 - 6-VS
		8	15,5	0.61	20	0.79	49	1.93	24	0.94	17	0.67	SKK 20 - 8L-VG	SKK 20 - 8L-VK	SKK 20 - 8-VS
		10	16,5	0.65	22	0.87	49	1.93	24	0.94	19	0.75	SKK 20 - 10L-VG	SKK 20 - 10L-VK	SKK 20 - 10-VS
		12	17,5	0.69	22	0.87	50	1.97	27	1.06	22	0.87	SKK 20 - 12L-VG	SKK 20 - 12L-VK	SKK 20 - 12-VS
		15	21	0.83	25	0.98	52	2.05	30	1.18	27	1.06	SKK 20 - 15L-VG	SKK 20 - 15L-VK	SKK 20 - 15-VS
		18	19,5	0.77	28	1.10	53	2.09	32	1.26	32	1.26	SKK 20 - 18L-VG	SKK 20 - 18L-VK	SKK 20 - 18-VS
	2300 (160)	22	20,5	0.81	30	1.18	55	2.17	36	1.42	36	1.42	SKK 20 - 22L-VG	SKK 20 - 22L-VK	SKK 20 - 22-VS
		28	25	0.98	32	1.26	57,5	2.26	41	1.61	41	1.61	SKK 20 - 28L-VG	SKK 20 - 28L-VK	SKK 20 - 28-VS
		35	30	1.18	42	1.65	60	2.36	46	1.81	50	1.97	SKK 20 - 35L-VG	SKK 20 - 35L-VK	SKK 20 - 35-VS
		42	31	1.22	45	1.77	64,5	2.54	55	2.17	60	2.36	SKK 20 - 42L-VG	SKK 20 - 42L-VK	SKK 20 - 42-VS
S	9100 (630)	6	14,5	0.57	20	0.79	49	1.93	24	0.94	17	0.67	SKK 20 - 6S-VG	SKK 20 - 6S-VK	SKK 20 - 6-VS
		8	16,5	0.65	20	0.79	49	1.93	24	0.94	19	0.75	SKK 20 - 8S-VG	SKK 20 - 8S-VK	SKK 20 - 8-VS
		10	16,5	0.65	22	0.87	49	1.93	24	0.94	22	0.87	SKK 20 - 10S-VG	SKK 20 - 10S-VK	SKK 20 - 10-VS
		12	17,5	0.69	22	0.87	49	1.93	24	0.94	24	0.94	SKK 20 - 12S-VG	SKK 20 - 12S-VK	SKK 20 - 12-VS
		14	19,5	0.77	22	0.87	50,5	1.99	27	1.06	27	1.06	SKK 20 - 14S-VG	SKK 20 - 14S-VK	SKK 20 - 14-VS
	5800 (400)	16	18	0.71	28	1.10	52	2.05	30	1.18	30	1.18	SKK 20 - 16S-VG	SKK 20 - 16S-VK	SKK 20 - 16-VS
		20	24	0.94	30	1.18	55	2.17	36	1.42	36	1.42	SKK 20 - 20S-VG	SKK 20 - 20S-VK	SKK 20 - 20-VS
		25	26	1.02	36	1.42	57,5	2.26	41	1.61	46	1.81	SKK 20 - 25S-VG	SKK 20 - 25S-VK	SKK 20 - 25-VS
		30	30	1.18	41	1.61	60	2.36	46	1.81	50	1.97	SKK 20 - 30S-VG	SKK 20 - 30S-VK	SKK 20 - 30-VS
		4500 (315)	38	34	1.34	48	1.89	64,5	2.54	55	2.17	60	2.36	SKK 20 - 38S-VG	SKK 20 - 38S-VK

\* For ordering BUNA seals please replace "V" with "P"  
 \* For EPDM seals replace "V" with "E"