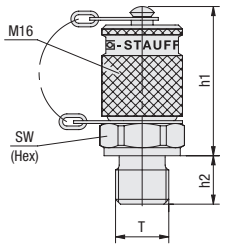
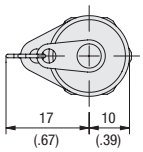
A

Test Coupling with Male Threaded Stud
SMK-20







Ordering Codes

***SMK*-20*-G1/4*-B*-C*-SK*-W3**

* Type	Test Coupling with Ball Check	**SMK**
* Series	STAUFF Test 20 (Connection Thread M16x2)	**-20**
* Port Connection	acc. to dimension table	**-G1/4**
* Seal Material	NBR (Buna-N®)	**-B**
	FKM (Viton®)	**-V**
	EPDM	**-E**
	Seal Type B and D	**none**
* Seal Type	O-ring Type A	**-A**
	Metal Joint Type B	**-B**
	Elastomeric Sealing Type C	**-C**
	Taper Type D	**-D**
	O-ring Type E	**-E**
* Protection Cap	Knurled protection cap	**–**
	Hexagonal protection cap	**-SK**
	Plastic protection cap	**-KK**
* Material Code	Steel, zinc/nickel-plated	**-W3**
	Stainless Steel V2A - 1.4305 (AISI 303)	**-W4**
	Stainless Steel V4A - 1.4571 (AISI 316 Ti)	**-W5**

Seal Type


O-ring Type A


Metal Joint Type B


Elastomeric Sealing Type C


Taper Type D[1]


O-ring Type E

For further information on Seal Types, please see page 74-77.

Thread T	Seal Type	Working Pressure (bar/PSI)	Dimensions (mm/in) h1	h2	Hex	Torque (N·m/ft-lb) ca. Thread T	Weight (kg/lbs) ca. per 100	Ordering Codes (Standard Option)
M8 x 1	Type A	250	38	8,5	17	6	6,10	SMK-20-M8x1-B-A-W3
		3625	1.50	.33	.67	4.4	13.42	
M10 x 1		630	38	9,8	17	12	6,70	SMK-20-M10x1-B-A-W3
		9137	1.50	.39	.67	8.8	14.74	
M10 x 1	Type B	400	37	8	17	18	6,60	SMK-20-M10x1-B-W3
		5801	1.46	.31	.67	13.3	14.52	
M12 x 1,5		630	37	12	17	35	7,00	SMK-20-M12x1.5-B-W3
		9137	1.46	.47	.67	25.8	15.40	
M14 x 1,5		630	37	12	19	55	7,50	SMK-20-M14x1.5-B-W3
		9137	1.46	.47	.75	40.6	16.50	
M16 x 1,5		630	37	12	22	70	8,40	SMK-20-M16x1.5-B-W3
		9137	1.46	.47	.87	51.6	18.48	
G1/8		400	39	8	17	18	6,90	SMK-20-G1/8-B-W3
		5801	1.54	.31	.67	13.3	15.18	
G1/4		630	37	12	19	55	7,30	SMK-20-G1/4-B-W3
		9137	1.46	.47	.75	40.6	16.06	
G3/8		630	37	12	22	90	8,90	SMK-20-G3/8-B-W3
		9137	1.46	.47	.87	66.4	19.58	
M10 x 1	Type C	400	39	8	17	18	6,80	SMK-20-M10x1-B-C-W3
		5801	1.54	.31	.67	13.3	14.96	
M12 x 1,5		630	37	12	17	35	6,90	SMK-20-M12x1.5-B-C-W3
		9137	1.46	.47	.67	25.8	15.18	
M14 x 1,5		630	37	12	19	50	7,70	SMK-20-M14x1.5-B-C-W3
		9137	1.46	.47	.75	36.9	16.94	
M16 x 1,5		630	37	12	22	60	8,70	SMK-20-M16x1.5-B-C-W3
		9137	1.46	.47	.87	44.2	19.14	
G1/8		400	39	8	17	18	6,80	SMK-20-G1/8-B-C-W3
		5801	1.54	.31	.67	13.3	14.96	
G1/4		630	37	12	19	45	8,10	SMK-20-G1/4-B-C-W3
		9137	1.46	.47	.75	33.2	17.82	
G3/8		630	37	12	22	80	8,90	SMK-20-G3/8-B-C-W3
		9137	1.46	.47	.87	59	19.58	
G1/2		630	39	14	27	110	12,80	SMK-20-G1/2-B-C-W3
		9137	1.54	.55	1.06	81.1	28.16	
R1/8 K	Type D[1]	400	37	8	17		6,70	SMK-20-R1/8K-D-W3
		5801	1.46	.31	.67		14.74	
R1/4 K		630	35	12	17		7,10	SMK-20-R1/4K-D-W3
		9137	1.38	.47	.67		15.62	
1/8 NPT		400	36	10	17		6,40	SMK-20-1/8NPT-D-W3
		5801	1.42	.39	.67		14.08	
1/4 NPT		630	35	15	17		7,30	SMK-20-1/4NPT-D-W3
		9137	1.38	.59	.67		16.06	
5/16–24 UNF	Type E	400	38	7,5	17	8	6,70	SMK-20-5/16UNF-B-E-W3
		5.801	1.50	.30	.67	5.9	14.74	
7/16–20 UNF		630	38	9,1	17	20	7,00	SMK-20-7/16UNF-B-E-W3
		9137	1.50	.36	.67	14.7	15.40	
1/2–20 UNF		630	38	9,2	17	25	7,20	SMK-20-1/2UNF-B-E-W3
		9137	1.50	.36	.67	18.4	15.84	
9/16–18 UNF		630	37	10	19	35	7,60	SMK-20-9/16UNF-B-E-W3
		9137	1.46	.39	.75	25.8	16.72	
3/4–16 UNF		630	37	11.1	19	70	9,58	SMK-20-3/4UNF-B-E-W3
		9137	1.46	.44	.75	51.6	21.08	
M10 x 1		630	38	9,5	17	18	6,60	SMK-20-M10x1-B-E-W3
		9137	1.50	.37	.67	13.3	14.52	
M12 x1,5		630	37	11	17	35	6,90	SMK-20-M12x1.5-B-E-W3
		9137	1.46	.43	.67	25.8	15.18	
M14 x 1,5		630	38	11	19	45	7,80	SMK-20-M14x1.5-B-E-W3
		9137	1.50	.43	.75	33.2	17.16	

[1] Suitable liquid / plastic sealant required.
Alternative materials and surface finishings are available upon request. Contact STAUFF for further information.
Torque recommendations for Steel mating material.

Dimensional drawings: All dimensions in mm (in).