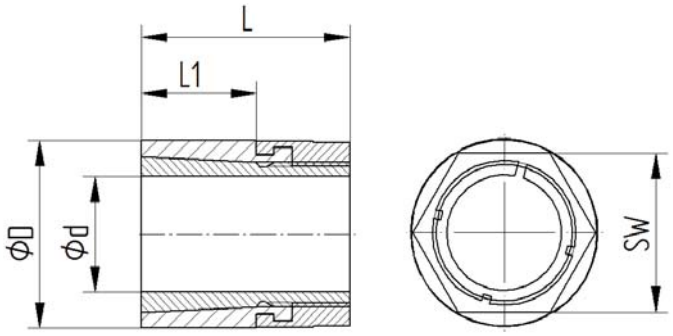
Keyless Bushing KB-6

Recommended machining tolerances:
Shaft js 9 Hub JS 9





ORDER CODE:
For a shaft with d=9 mm
Transmission torque lower than or equal to 45 Nm

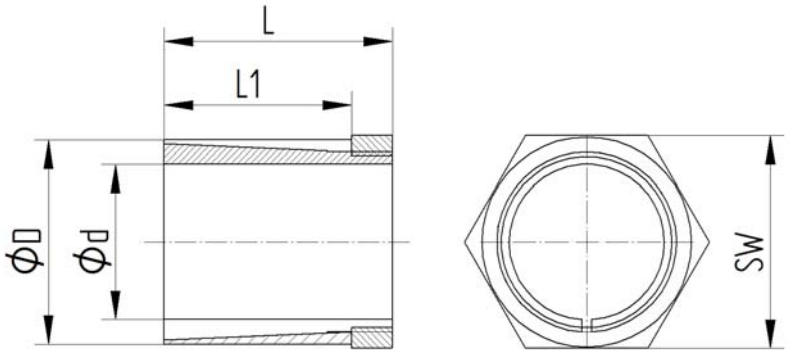
KB-6 9X20

Inner/ Outer Ø	Torque Mmax	Dimensions (mm)			Axial Force FAX	Tightening Torque TA	Weight
d x D	Nm	L	L 1	SW	(kN)	(Nm)	g
5 x 16	11	19	10	13	4	10	19
6 x 16	13	19	10	13	4	10	18
7 x 20	35	22	11	16	10	28	34
8 x 20	40	22	11	16	10	28	33
9 x 20	45	22	11	16	10	28	32
10 x 23	65	26	13	19	13	44	49
11 x 23	72	26	13	19	13	44	47
12 x 23	79	26	13	19	13	44	45
14 x 26	118	29	16	22	17	66	65
15 x 26	126	29	16	22	17	66	62
16 x 26	135	29	16	22	17	66	59
20 x 45	290	48	22	45	29	85	82
22 x 45	315	48	22	45	29	85	84
24 x 45	380	48	22	45	31	85	89
25 x 45	390	48	22	45	31	85	93

Keyless Bushing KB-7

Recommended machining tolerances:
Shaft h 8 Hub H 8





ORDER CODE:
For a shaft with d=9 mm
Transmission torque lower than or equal to 14 Nm

KB-7 9X14

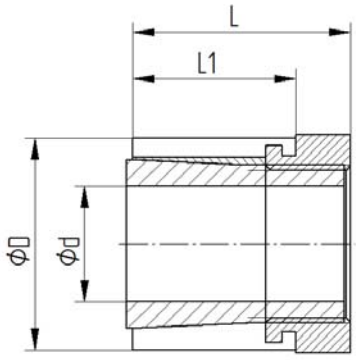
Ø Inner and ØOuter	Torque T	Dimensions（ mm）			Thread	Tightening Torque	Weight
d x D	Nm	L	L 1	SW	G	TA (Nm)	g
4 x 8	3	15	12.5	8	M6 x 0.5	4	3.8
5 x 10	4	15	12.5	10	M8 x 0.5	5	6.5
6 x 10	7	15	12.5	10	M8 x 0.5	8	5.3
6.35 x 10	7	15	12.5	10	M8 x 0.5	8	5
7 x 12	8	15	12	12	M10 x 0.75	9	6.3
8 x 14	14	22	19	16	M12 x 1.0	15	17.5
9 x 14	14	22	19	16	M12 x 1.0	15	15
9.52 x 14	14	22	19	16	M12 x 1.0	15	12.8
10 x 17	18	22	18.5	18	M15 x 1.0	19	29
11 x 17	18	22	18.5	18	M15 x 1.0	19	28
12 x 17	18	22	18.5	18	M15 x 1.0	19	26.2
14 x 20	24	28	23	22	M17 x 1.0	25	35.3
15 x 20	24	28	23	22	M17 x 1.0	25	36.4
15.88 x 23	26	28	23	26	M20 x 1.0	27	48.4
16 x 23	26	28	23	26	M20 x 1.0	27	50.7
17 x 23	26	28	23	26	M20 x 1.0	27	45
19 x 25	29	28	23	30	M22 x 1.0	30	46.9
20 x 28	31	28	23	30	M22 x 1.0	32	67
25 x 32	45	35	27	34	M28 x 1.0	42	89
30 x 37	52	35	27	38	M33 x 1.0	47	105
35 x 43	57	40	29	48	M39 x 1.5	52	179
40 x 50	95	40	29	55	M45 x 1.5	58	249

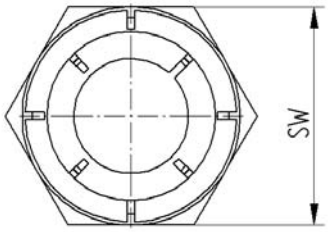
Keyless Bushing KB-8

Recommended machining tolerances:

Shaft h 8 Hub H 8







ORDER CODE: For a shaft with d=9 mm
Transmission torque lower than or equal to 43 Nm

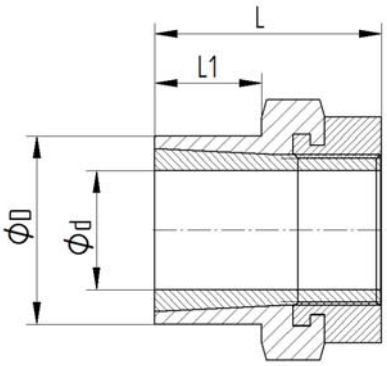
KB-8 9X20

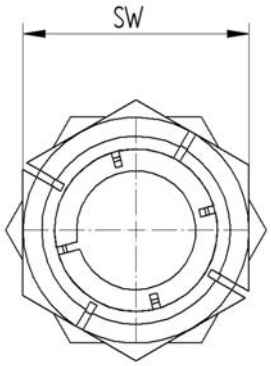
Ø Inner/ Outer Ø	Torque	Dimensions			Tightening Torque	Axial Force	Surface pressure		Mass
d x D	$M_{max.}$	L	L 1	SW	TA	F_{AX}	Shaft Pw	Hub Pn	g
mm	Nm	mm	mm	mm	Nm	(kN)	N/mm²	N/mm²	
5 x 14	10	19	15	14	10	4	264	97	18
6 x 14	12	19	15	14	10	4	220	96	17
7 x 16	20	22	17	16	17	5.8	205	91	26
8 x 16	23	22	17	16	17	5.8	180	91	24
9 x 20	43	24	19	22	35	9.7	246	115	47
10 x 20	48	24	19	22	35	9.7	221	115	44
11 x 22	59	24	19	22	44	10.8	225	117	51
12 x 22	65	24	19	22	44	10.9	207	117	48
14 x 26	93	28	22	27	65	13.3	179	99	81
15 x 26	99	28	22	27	65	13.3	167	99	75
16 x 26	106	28	22	27	65	13.3	156	99	71
17 x 32	163	34	26	32	110	19.2	187	108	149
18 x 35	223	36	27	36	161	24.8	224	125	197
19 x 35	235	36	27	36	161	24.8	213	125	189
20 x 35	248	36	27	36	161	24.8	202	125	182
22 x 42	349	41	30	46	250	31.7	197	111	343
24 x 42	381	41	30	46	250	31.7	181	111	322
25 x 42	397	41	30	46	250	31.7	174	111	310
28 x 47	565	44	33	50	355	40.3	174	110	403
30 x 47	605	44	33	50	355	40.3	163	110	375
32 x 55	764	51	38	55	490	47.7	166	102	626
35 x 55	836	51	38	55	490	47.7	152	102	566
38 x 62	1140	58	43	65	700	60.2	155	108	897
40 x 62	1329	58	43	65	800	66.5	147	108	842
42 x 65	1375	63	48	65	800	67	140	98	959
45 x 65	1605	63	48	65	900	71	142	98	855
48 x 75	2227	73	58	75	1290	92	121	77	1470
50 x 75	2320	73	58	75	1290	92	116	77	1380

Keyless Bushing KB-9

Recommended machining tolerances:
Shaft h 8 Hub H 8







ORDER CODE: For a shaft with d=15 mm
Transmission torque lower than or equal to 99 Nm

KB-9 15X24

Ø Inner/ Outer Ø	Torque	Dimensions			Tightening Torque	Axial Force	Surface pressure		Mass
d x D	$M_{max.}$	L	L 1	SW	TA	F_{AX}	Shaft Pw	Hub Pn	g
mm	Nm	mm	mm	mm	Nm	(kN)	N/mm²	N/mm²	
5 x 12	10	19	9	14	10	4	264	119	16
6 x 12	12	19	9	14	10	4	220	119	15
7 x 14	20	22	11	16	17	5.8	205	121	23
8 x 14	23	22	11	16	17	5.8	180	121	21
9 x 18	43	24	12	22	35	9.7	246	144	47
10 x 18	48	24	12	22	35	9.7	221	144	44
11 x 20	59	24	12	22	44	10.8	225	145	47
12 x 20	65	24	12	22	44	10.8	207	145	44
14 x 24	93	28	15	27	65	13.3	179	118	76
15 x 24	99	28	15	27	65	13.3	167	118	72
16 x 24	106	28	15	27	65	13.3	156	118	67
17 x 26	163	34	16	32	110	19.2	187	148	122
18 x 30	223	36	17	36	160	24.8	224	155	176
19 x 30	235	36	17	36	160	24.8	213	155	169
20 x 30	248	36	17	36	160	24.8	202	155	162
22 x 38	349	41	20	46	250	31.7	197	134	338
24 x 38	381	41	20	46	250	31.7	181	134	315
25 x 38	397	41	20	46	250	31.7	174	134	304
28 x 42	565	44	23	50	355	40.3	174	134	370
30 x 42	605	44	23	50	355	40.3	163	134	345
32 x 50	764	51	28	55	490	47.7	166	112	552
35 x 50	836	51	28	55	490	47.7	152	112	495
38 x 58	1140	58	32	65	700	60.2	155	116	851
40 x 58	1200	58	32	65	700	60.2	147	116	801
42 x 60	1250	63	37	65	740	59.6	120	94	841
45 x 60	1340	63	37	65	740	59.6	112	94	741