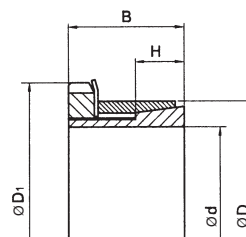
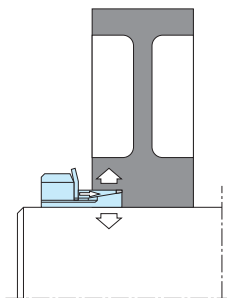


SIT-LOCK® 9 - Not Self-Centering

Consists of two tapered rings and a lock nut. In virtue of the simple design, very fast assembly/disassembly is allowed.

SIT-LOCK® 9 is suitable for applications with small-medium torques.



Installation

Carefully clean contact surfaces of shaft and hub. Then lightly oil both surfaces with standard mineral oil. Position the SIT-LOCK® in the machined bore of the hub. Insert the shaft. Gradually and uniformly tighten the locking nut to the tightening torque (M_s).

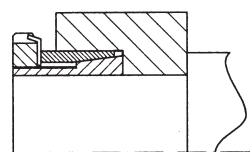
Note: once the tightening torque is reached, do not tighten the locking nut anymore.

Do not use lubricant like "Molykote" or molybdenum disulfide based oils.

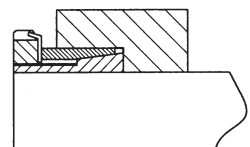
Removal

Loosen the lock nut until the SIT-LOCK® is completely released.

Application 1



Application 2



Dimensions [mm]				Performances		Pressure [N/mm²]		Nut	M_s [Nm]
d x D	D ₁	H	B	M_T [Nm]	F_{ax} [kN]	p_w	p_n		
14 x 25	32	6,5	17	37	6	130	73	KM4	65
15 x 25	32	6,5	17	40	6	122	73	KM4	65
16 x 25	32	6,5	17	42	6	114	73	KM4	65
17 x 26	32	6,5	16,5	47	6	164	95	KM4*	95
17 x 30	38	6,5	18	55	6	197	112	KM5	160
18 x 26	32	6,5	16,5	49	6	155	107	KM4*	95
18 x 30	38	7	17,5	65	8	133	80	KM5	85
19 x 30	38	7	18	60	7	111	70	KM5	95
20 x 30	38	7	18	70	8	120	80	KM5	110
22 X 32	38	6,5	18	73	7	150	105	KM5	160
24 x 35	45	7	18	100	10	117	80	KM6	155
25 x 35	45	7	18	110	10	126	90	KM6	160
28 X 36	45	6,5	18	120	9	159	124	KM6	220
28 x 40	52	6,5	18	140	11	100	70	KM7	200
30 x 40	52	8	20	170	14	107	80	KM7	240
32 X 42	52	7	19,5	170	15	106	154	KM7	340
32 x 45	58	8	22	210	15	113	80	KM8	320
35 x 45	58	8	22	230	15	103	80	KM8	320
36 X 45	58	8	21,5	240	13	149	120	KM8	480
38 X 48	58	8	21,5	250	13	141	112	KM8	480
40 x 50	65	10	25	330	19	113	90	KM9	440
40 X 52	65	10	24,5	310	15	120	93	KM9	680
45 x 55	70	10	26	440	23	110	90	KM10	550
45 X 57	70	10	25,5	400	18	122	96	KM10	870
48 X 62	75	10	25,5	500	21	135	105	KM11	970
50 x 60	75	10	26	530	25	108	90	KM11	660
50 X 62	75	10	25,5	520	21	130	105	KM11	970
55 x 65	80	12	27	640	27	95	80	KM12	800
55 X 68	80	12	27,5	610	22	103	84	KM12	1100
56 X 68	80	12	27,5	620	22	101	82	KM12	1100
60 x 70	85	12	29	830	32	93	80	KM13	900
60 X 73	85	12	28,5	800	27	113	93	KM13	1300
63 X 79	92	14	30,5	980	31	107	86	KM14	1600
65 X 79	92	14	30,5	1010	31	104	86	KM14	1600
70 x 84	98	14	33	1.100	30	108	90	KM15	1.200

* Without washer

Note:

M_T , F_{ax} , p_w and p_n stated in this catalogue are valid for application 1. For application 2, they have to be increased by 25%.

Maximum allowable roughness	
Rt 16 µm	
Maximum recommended tolerance	
shaft h 8 - hub H 8	

M_s	Screw tightening torque	Nm
M_T	Transmissible torque moment	Nm
F_{ax}	Transmissible axial load	N
p_w	Shaft pressure	N/mm²
p_n	Hub pressure	N/mm²