

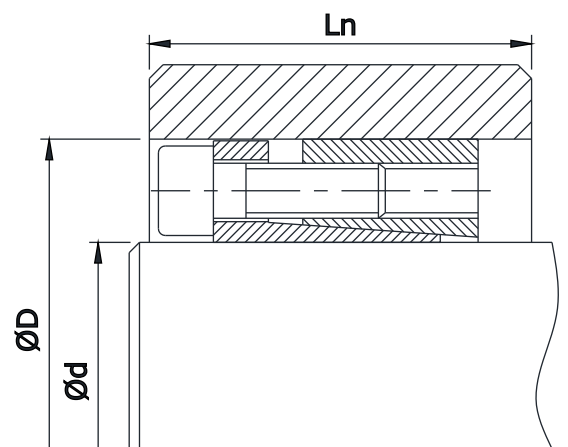
Locking Assembly - Model N7139



◆ Features :

- Two part Locking Assembly
- Torque Transmission Capacity: Medium
- Single Taper Design
- Self-Centering
- Self-Locking
- Slight displacement of Hub
- Easy Mounting & Removal

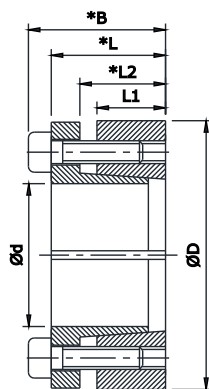
◆ Mounting Example:



◆ Tolerance & Surface finish:

- A good Surface finish by Machine tool is sufficient. Maximum allowable Surface finish $R_a \leq 3.2\mu\text{m}$
- Maximum Permissible Tolerance for Shaft is h8 & for Hub bore is H8.

Locking Assembly Model N7139



d = Inner diameter
 D = Outer diameter
 L1 = Overall width with screws
 L2 = Overall width without screws
 L = Overall width
 B = Clamping length
 S = Clamping thread
 Ma = Tightening torque of the screws
 Mt = Transmissible torque at given Ma
 P' = Surface pressure on shaft at given Ma
 P = Surface pressure on hub at given Ma
 Pax = Axial Thrust
 W = Weight

d x D	L1	L2	L	B	Transmissible Torque Nm	Axial Thrust KN	Surface Pressure on		Tightening Screws		Weight Kg
mm	mm	mm	mm	mm	(Mt)	(Pax)	Shaft N/mm2 P'	Hub N/mm2 P	DIN912 12.9 No. x size(s)	Tightening Torque Nm (Ma)	(W)
18 x 40	12	15	20	24	206	23.2	228	128	6 x M4	5	0.2
19 x 41	12	15	20	24	216	23.2	217	125	6 x M4	5	0.2
20 x 42	12	15	20	24	265	27.1	240	143	7 x M4	5	0.2
22 x 44	12	15	20	24	294	27.1	219	136	7 x M4	5	0.2
24 x 46	12	15	20	24	323	27.1	200	130	7 x M4	5	0.2
25 x 47	12	15	20	24	333	27.1	192	127	7 x M4	5	0.2
28 x 50	12	15	20	24	490	34.9	221	154	9 x M4	5	0.2
30 x 52	12	15	20	24	519	34.9	206	148	9 x M4	5	0.2
32 x 54	12	15	20	24	559	34.9	193	143	9 x M4	5	0.2
35 x 57	16	19	24	28	676	38.7	155	113	10 x M4	5	0.3
36 x 58	16	19	24	28	696	38.7	150	111	10 x M4	5	0.3
38 x 60	16	19	24	28	813	42.6	157	118	11 x M4	5	0.3
40 x 62	16	19	24	28	853	42.6	149	114	11 x M4	5	0.4
42 x 70	19	23	30	36	1492	71.2	195	142	8 x M6	17	0.6
45 x 73	19	23	30	36	1599	71.2	182	137	8 x M6	17	0.6
48 x 76	19	23	30	36	1706	71.2	171	131	8 x M6	17	0.6
50 x 78	19	23	30	36	1775	71.2	164	128	8 x M6	17	0.6
55 x 83	19	23	30	36	1950	71.2	149	120	8 x M6	17	0.7
56 x 84	19	23	30	36	1989	71.2	146	118	8 x M6	17	0.7
60 x 88	19	23	30	36	2399	80	154	127	9 x M6	17	0.7
63 x 91	19	23	30	36	2516	80	146	123	9 x M6	17	0.9
65 x 93	19	23	30	36	2594	80	142	120	9 x M6	17	1
70 x 105	23	28	37	45	4578	130.8	178	144	8 x M8	41	1.5
75 x 110	23	28	37	45	4899	130.8	165	137	8 x M8	41	1.5
80 x 115	23	28	37	45	5228	130.8	155	131	8 x M8	41	1.7
85 x 120	23	28	37	45	5558	130.8	146	126	8 x M8	41	2
90 x 125	23	28	37	45	7353	163.4	172	151	10 x M8	41	2.3

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