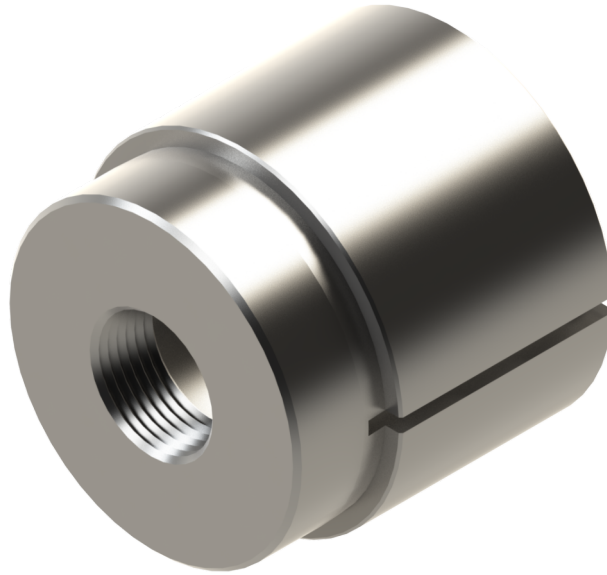


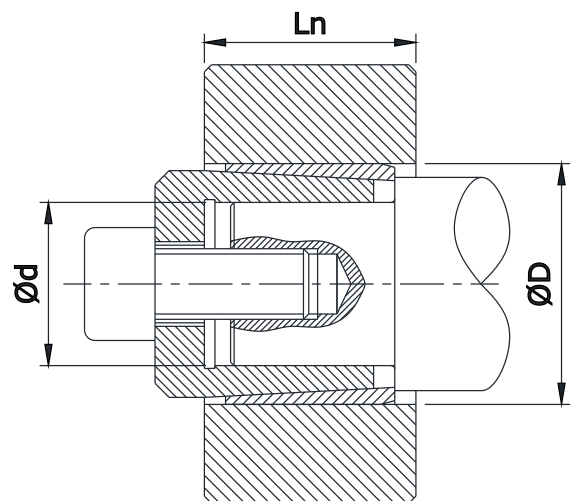
Locking Assembly - Model N1600



◆ Features :

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

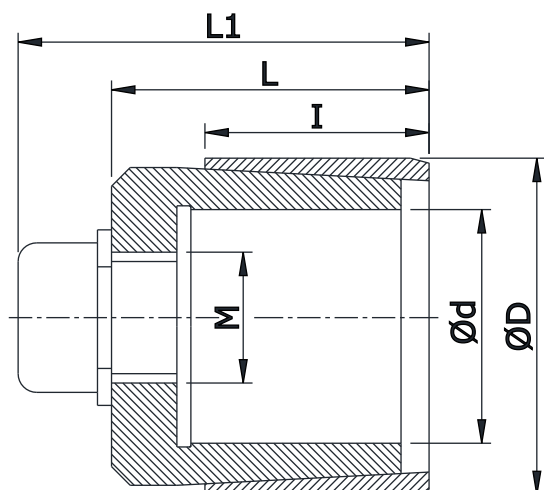
◆ Mounting Example:



◆ 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 N1600



- d = Inner diameter
- D = Outer diameter
- L1 = Overall width with screws
- L = Overall width without screws
- I = Clamping length
- M = Clamping thread
- Ta = Tightening torque of the screws
- T = 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 mm	I mm	L mm	L1 mm	M	No. x size(s)	Tightening Screws 12.9 Grade					Tightening Screws 10.9 Grade					Tightening Screws 8.8 Grade					Weight Kg (W)
						Ta (Nm)	T (Nm)	Fax (kN) Pax	Shaft N/mm2 P'	Hub N/mm2 P	Ta (Nm)	T (Nm)	Fax (kN) Pax	Shaft N/mm2 P'	Hub N/mm2 P	Ta (Nm)	T (Nm)	Fax (kN) Pax	Shaft N/mm2 P'	Hub N/mm2 P	
13 x 22	12	23	29	M8	01 x M6	17	36	5	95	56	14	30	4	78	46	10	21	3	55	33	0.04
14 x 22	12	23	29	M8	01 x M6	17	39	5	88	56	14	32	4	72	46	10	23	3	51	33	0.04
15 x 22	12	23	29	M8	01 x M6	17	42	5	82	56	14	34	4	67	46	10	24	3	48	33	0.04
16 x 22	12	23	29	M8	01 x M6	17	44	5	77	56	14	37	4	63	46	10	26	3	45	33	0.03
17 x 28	18	28	36	M12	01 x M8	41	85	10	87	53	35	70	8	75	45	25	50	6	53	32	0.08
			38		01 x M10	83	135	16	142	86	69	115	13	119	72	49	80	9	84	51	
18 x 28	18	28	36	M12	01 x M8	41	90	10	83	53	35	75	8	71	45	25	55	6	50	32	0.07
			38		01 x M10	83	145	16	134	86	69	120	13	112	72	49	85	9	79	51	
19 x 28	18	28	36	M12	01 x M8	41	95	10	78	53	35	80	8	67	45	25	55	6	48	32	0.07
			38		01 x M10	83	155	16	127	86	69	130	13	106	72	49	90	9	75	51	
20 x 28	18	28	36	M12	01 x M8	41	100	10	74	53	35	85	8	63	45	25	60	6	45	32	0.07
			38		01 x M10	83	160	16	121	86	69	135	13	101	72	49	95	9	71	51	
22 x 36	24	34	44	M14	01 x M10	83	180	16	82	50	69	150	13	69	42	49	105	9	49	30	0.17
			46		01 x M12	145	265	24	122	74	120	220	20	100	61	86	155	14	72	44	
24 x 36	24	34	44	M14	01 x M10	83	195	16	75	50	69	160	13	63	42	49	115	9	45	30	0.15
			46		01 x M12	145	290	24	112	74	120	240	20	92	61	86	170	14	66	44	
25 x 36	24	34	44	M14	01 x M10	83	205	16	72	50	69	170	13	60	42	49	120	9	43	30	0.14
			46		01 x M12	145	300	24	107	74	120	250	20	88	61	86	180	14	64	44	
28 x 36	24	34	44	M14	01 x M10	83	225	16	65	50	69	190	13	54	42	49	135	9	38	30	0.12
			46		01 x M12	145	335	24	96	74	120	280	20	79	61	86	200	14	57	44	
30 x 48	30	42	54	M16	01 x M12	145	360	24	71	45	120	300	20	59	37	86	215	14	42	26	0.37
			56		01 x M14	230	495	33	97	61	190	410	27	80	50	135	290	19	57	36	
32 x 48	30	42	54	M16	01 x M12	145	385	24	67	45	120	320	20	55	37	86	230	14	40	26	0.34
			56		01 x M14	230	525	33	91	61	190	435	27	75	50	135	310	19	54	36	
35 x 48	30	42	54	M16	01 x M12	145	420	24	61	45	120	350	20	51	37	86	250	14	36	26	0.31
			56		01 x M14	230	575	33	84	61	190	475	27	69	50	135	340	19	49	36	
38 x 48	30	42	54	M16	01 x M12	145	460	24	56	45	120	380	20	47	37	86	270	14	33	26	0.26
			56		01 x M14	230	625	33	77	61	190	515	27	64	50	135	370	19	45	36	
40 x 50	30	42	54	M16	01 x M12	145	480	24	54	43	120	400	20	44	35	86	285	14	32	25	0.32
			56		01 x M14	230	660	33	73	58	190	545	27	60	48	135	385	19	43	34	

Dimensions/Design subject to modifications without any prior intimation.

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