

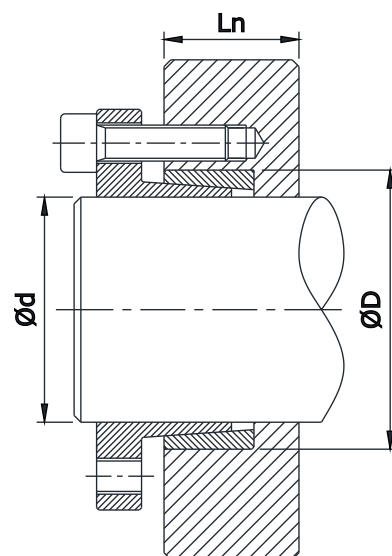
Locking Assembly - Model N2506



◆ Features :

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

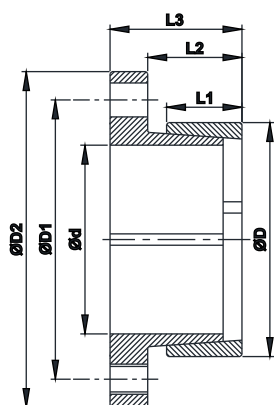
◆ Mounting Example:



◆ 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 N2506



d = Inner diameter
D = Outer diameter
L1 = Overall width with screws
L = Overall width without screws
L = 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 mm	L1 mm	L2 mm	L3 mm	D1 mm	D2 mm	Transmitting Torque Mt Nm	Axial Thrust Pax kN	Surface Pressure on		Tightening Screws		Weight kg (W)
								Shaft N/mm2 P'	Hub N/mm2 P	DIN912 12.9 No. x size(s)	Tightening Torque Nm (Ma)	
14 x 25	16	20	26	33	42	107	15	184	103	4 x M4	4.9	0.09
15 x 25	16	20	26	33	42	117	15	172	103	4 x M4	4.9	0.09
16 x 25	16	20	26	33	42	122	15	160	103	4 x M4	4.9	0.08
18 x 25	16	20	26	33	42	137	15	143	103	4 x M4	4.9	0.08
19 x 25	16	20	26	33	42	147	15	135	103	4 x M4	4.9	0.07
20 x 30	16	20	26	39	50	254	25	213	142	4 x M5	10	0.12
22 x 30	16	20	26	39	50	279	25	194	142	4 x M5	10	0.11
24 x 30	16	20	26	39	50	305	25	178	142	4 x M5	10	0.10
25 x 36	16	20	26	45	55	320	25	171	118	4 x M5	10	0.15
28 x 36	16	20	26	45	55	355	25	152	118	4 x M5	10	0.13
30 x 36	16	20	26	45	55	381	25	142	118	4 x M5	10	0.12
32 x 42	16	20	28	51	62	411	25	133	102	4 x M5	10	0.17
35 x 42	16	20	28	51	62	447	25	122	102	4 x M5	10	0.15
36 x 42	16	20	28	51	62	462	25	118	102	4 x M5	10	0.14
38 x 44	16	20	28	54	66	680	36	156	135	4 x M6	17	0.17
40 x 48	16	20	28	58	70	716	36	149	124	4 x M6	17	0.21
42 x 48	16	20	28	58	70	751	36	142	124	4 x M6	17	0.19
45 x 55	20	25	35	67	82	1469	65	192	157	4 x M8	41	0.37
48 x 55	20	25	35	67	82	1571	65	180	157	4 x M8	41	0.32
50 x 62	20	25	35	74	89	1632	65	173	139	4 x M8	41	0.46
55 x 62	20	25	35	74	89	1795	65	157	139	4 x M8	41	0.36
60 x 72	20	25	35	84	99	1958	65	144	120	4 x M8	41	0.53
65 x 72	20	25	35	84	99	2122	65	133	120	4 x M8	41	0.42

DISTRIBUTED BY



chainanddrives.com.au
support@chainanddrives.com.au

Dimensions/Design subject to modifications without any prior intimation.