

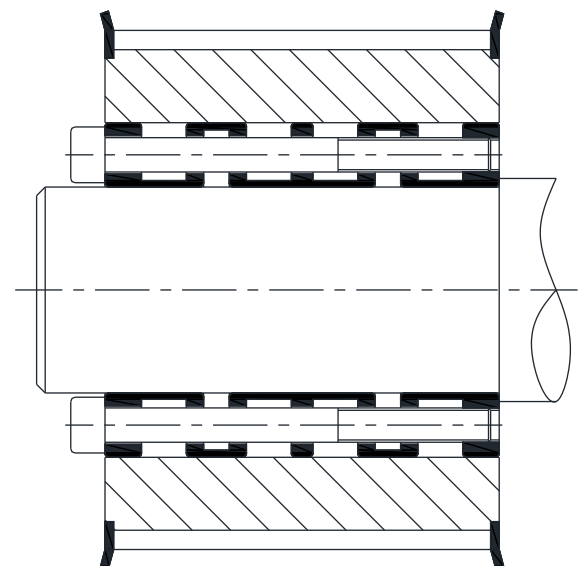
Clamping Sleeve - Model N5015.2



◆ Features :

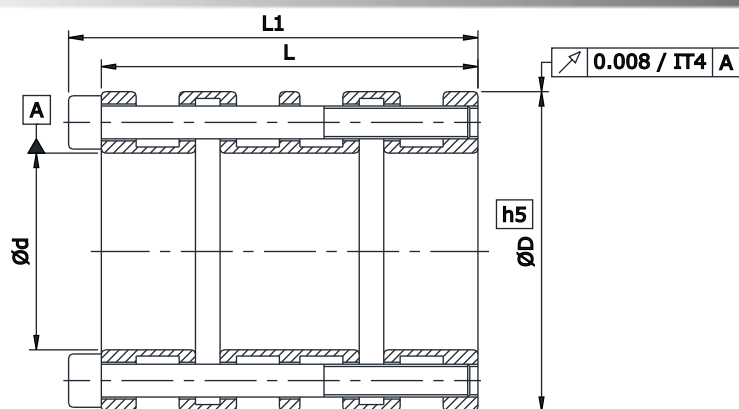
- Single Piece Design
- Used for Motor Shafts with k6/m6 Tolerance zone
- High Degree of Precision
- Homogenous Clamping on Shaft & Hub
- Higher Concentricity
- Self-Centering
- No Axial Displacement
- Long Design
- Easy Installation & Removal
- Torque Transmission Capacity: High

◆ 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 k6/m6 & for Hub bore is H6/H7.
- The Concentricity of Hub bore / Outer diameter of Clamping Sleeve must be:
0.008 mm (< 80mm) & IT4 (> 80 mm)



Clamping Sleeve Model N5015.2

d x D mm	L mm	L1 mm	Transmissible Torque Nm (Mt)	Axial Thrust N (Pax)	Tightening Screw No. x size(s)	Tightning Torque Nm (Ma)	Moment of Inertia kg.cm ² (I)	Weight kg
14 x 26	26	29	49	6994	4 x M3	2	0.054	0.050
16 x 32	36	40	128	16056	6 x M4	5	0.175	0.114
18 x 34	36	40	158	17533	6 x M4	5	0.219	0.122
19 x 35	36	40	197	20784	6 x M4	5	0.243	0.126
20 x 40	46	51	236	23640	5 x M5	10	0.526	0.216
22 x 42	46	51	286	26004	5 x M5	10	0.629	0.230
24 x 44	46	51	355	29550	5 x M5	10	0.746	0.242
25 x 45	52	57	443	35362	6 x M5	10	0.911	0.286
28 x 48	52	57	542	38711	6 x M5	10	1.152	0.310
30 x 52	62	68	699	46591	5 x M6	17	1.891	0.432
32 x 55	62	68	788	49250	5 x M6	17	2.334	0.482
35 x 58	62	68	1103	62942	6 x M6	17	2.837	0.512
38 x 60	62	68	1281	67374	6 x M6	17	3.132	0.526
40 x 70	92	100	1773	89438	5 x M8	40	8.944	1.135
42 x 72	92	100	1970	93772	5 x M8	40	9.850	1.180
45 x 75	92	100	2216	99485	5 x M8	40	11.426	1.250
48 x 78	92	100	2561	106380	5 x M8	40	13.199	1.290
50 x 80	92	100	2660	107365	6 x M8	40	14.480	1.375
55 x 85	92	100	3038	110740	6 x M8	40	17.836	1.460
60 x 90	122	130	3479	115640	6 x M8	40	33.614	2.350
65 x 95	122	130	3920	120540	6 x M8	40	40.572	2.495
70 x 100	122	130	4410	126420	6 x M8	40	48.412	2.650
75 x 105	122	130	4900	130340	7 x M8	40	57.526	2.840

Dimensions/Design subject to modifications without any prior intimation.

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