

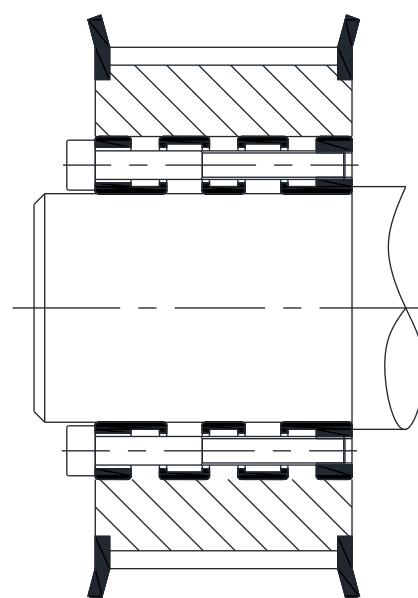
Clamping Sleeve - Model N5015.0



◆ Features :

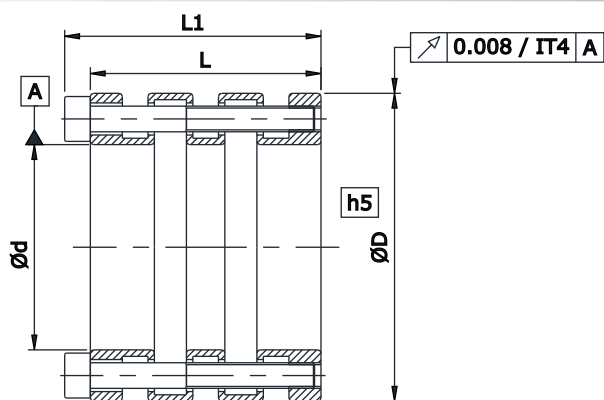
- Single Piece Design
- Used for Motor Shafts with k6/m6 Tolerance zone
- High Degree of Precision
- Homogenous Clamping on Shaft & Hub
- Higher Concentricity
- Self-Centering
- No Axial Displacement
- Compact Design
- Easy Installation & Removal
- Torque Transmission Capacity: Low

◆ 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 N5015.0

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
16 x 28	26	29	65	8126	6 x M3	2	0.070	0.056
18 x 30	26	29	91	10069	6 x M3	2	0.090	0.060
19 x 32	26	29	99	10368	6 x M3	2	0.116	0.068
20 x 32	26	29	106	10638	6 x M3	2	0.113	0.064
22 x 35	26	29	120	10925	6 x M3	2	0.160	0.076
24 x 36	26	29	143	11902	6 x M3	2	0.171	0.074
25 x 37	26	29	181	14499	6 x M3	2	0.188	0.076
28 x 40	26	29	202	14423	6 x M3	2	0.247	0.084
30 x 42	26	29	217	14447	6 x M3	2	0.293	0.088
32 x 48	36	40	360	22471	6 x M4	5	0.743	0.184
35 x 52	36	40	394	22514	6 x M4	5	1.005	0.208
38 x 55	36	40	428	22552	6 x M4	5	1.221	0.226
40 x 56	36	40	448	22409	6 x M4	5	1.271	0.220
42 x 58	36	40	473	22514	6 x M4	5	1.438	0.228
45 x 62	36	40	502	22327	6 x M4	5	1.872	0.260
48 x 65	36	40	537	22367	6 x M4	5	2.216	2.680

Dimensions/Design subject to modifications without any prior intimation.

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