

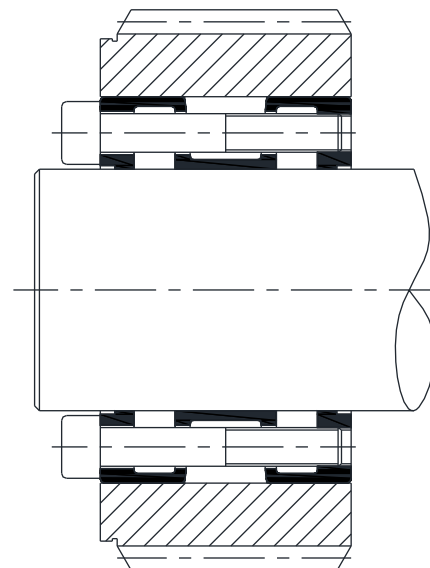
Clamping Sleeve - Model N5010



◆ Features :

- Single Piece Design
- High Degree of Precision
- Homogenous Clamping on Shaft & Hub
- Higher Concentricity
- Self-Centering
- No Axial Displacement
- Compact Design
- Easy Installation & Removal
- Torque Transmission Capacity: Medium

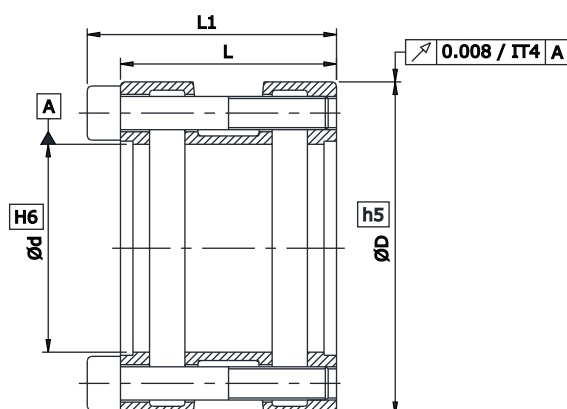
◆ Mounting Example:



◆ 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 h5/h6 & 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)

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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	21	24	35	5024	6 x M3	2	0.044	0.042
15 x 28	21	24	43	5812	6 x M3	2	0.058	0.048
16 x 28	21	24	42	5319	6 x M3	2	0.057	0.046
16 x 32	31	35	70	8767	6 x M4	5	0.159	0.104
18 x 30	21	24	52	5812	6 x M3	2	0.073	0.050
18 x 35	31	35	95	10540	6 x M4	5	0.224	0.120
20 x 32	21	24	61	6107	6 x M3	2	0.092	0.054
20 x 37	31	35	99	9850	6 x M4	5	0.274	0.130
20 x 40	36	41	128	12805	6 x M5	7	0.427	0.182
22 x 35	21	24	74	6698	6 x M3	2	0.129	0.062
22 x 38	31	35	99	8964	6 x M4	5	0.297	0.128
22 x 42	36	41	207	18814	6 x M5	10	0.511	0.192
25 x 37	21	24	84	6698	6 x M3	2	0.153	0.062
25 x 42	31	35	138	11032	6x M4	5	0.432	0.150
25 x 45	36	41	256	20488	6 x M5	10	0.656	0.206
28 x 40	21	24	97	6895	6 x M3	2	0.200	0.068
28 x 45	31	35	167	11919	6 x M4	5	0.554	0.162
28 x 48	36	41	296	21079	6 x M5	10	0.827	0.224
30 x 42	21	24	108	7191	6 x M3	2	0.236	0.072
30 x 47	31	35	187	12510	6 x M4	5	0.645	0.168
30 x 50	36	41	335	22360	6 x M5	10	0.958	0.236
30 x 55	41	47	384	25610	6 x M6	13	1.566	0.340
32 x 48	31	35	177	11131	6 x M4	5	0.680	0.168
32 x 52	36	41	355	22163	6 x M5	10	1.103	0.250
32 x 56	41	47	404	25216	6 x M6	13	1.665	0.342
35 x 52	31	35	227	12904	6 x M4	5	0.922	0.194
35 x 55	36	41	414	23640	6 x M5	10	1.340	0.264
35 x 60	41	47	621	35460	6 x M6	17	2.147	0.380
40 x 56	31	35	236	11820	6 x M4	5	1.152	0.202
40 x 62	36	41	532	26595	6 x M5	10	2.108	0.324
40 x 65	41	47	739	36938	6 x M6	17	2.857	0.416
40 x 70	52	60	818	40878	6 x M8	25	5.221	0.695
45 x 68	36	41	630	27974	6 x M5	10	2.965	0.372
45 x 70	41	47	847	37627	6 x M6	17	3.704	0.450
45 x 75	52	60	936	41567	6 x M8	25	6.678	0.740

Dimensions/Design subject to modifications without any prior intimation.

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d x D	L	L1	Transmissible Torque Nm	Axial Thrust N	Tightening Screw	Tightning Torque Nm	Moment of Inertia kg.cm²	Weight
mm	mm	mm	(Mt)	(Pax)	No. x size(s)	(Ma)	(I)	kg
50 x 72	36	41	739	29550	6 x M5	10	3.546	0.384
50 x 75	41	47	1024	40188	6 x M6	17	4.708	0.486
50 x 80	52	60	1822	72890	6 x M8	40	8.392	0.805
55 x 80	41	47	1078	39200	6 x M6	17	5.860	0.526
55 x 85	52	60	2029	73892	6 x M8	40	10.290	0.865
60 x 85	41	47	1294	43120	6 x M6	17	7.213	0.562
60 x 90	52	60	2323	77420	6 x M8	40	12.642	0.91
65 x 90	41	47	1421	43708	6 x M6	17	8.771	0.596
65 x 95	52	60	2587	79772	6 x M8	40	15.190	0.97
70 x 100	52	60	2930	83692	6 x M8	40	18.130	1.035
75 x 105	52	60	3185	84966	6 x M8	40	21.462	1.09
80 x 110	52	60	3450	86240	6 x M8	40	25.088	1.14
85 x 120	57	65	3489	82124	6 x M8	40	39.494	1.55
90 x 120	52	60	4214	93590	7 x M8	40	34.496	1.081
95 x 125	52	60	4449	93688	8 x M8	40	39.886	1.127
100 x 130	52	60	4684	93688	8 x M8	40	45.374	1.182
110 x 140	52	60	6439	117110	10 x M8	40	58.996	1.272
120 x 150	52	60	7027	117110	10 x M8	40	73.696	1.383
130 x 160	52	60	7605	117110	10 x M8	40	90.650	1.493
140 x 170	52	60	8193	117110	10 x M8	40	109.760	1.597
150 x 180	52	60	8781	117110	10 x M8	40	131.320	1.707
160 x 190	52	60	11241	140434	12 x M8	40	158.760	1.797
170 x 200	52	60	11936	140434	12 x M8	40	186.200	1.907
180 x 210	52	60	12642	140434	12 x M8	40	216.580	2.007
190 x 230	62	72	16317	171794	12 x M10	60	477.260	3.823
200 x 240	62	72	17179	171794	12 x M10	60	576.240	4.019
210 x 250	62	72	18032	171794	12 x M10	60	601.720	4.215
220 x 260	62	72	18865	171794	12 x M10	60	626.220	4.411
230 x 270	62	72	19757	171794	12 x M10	60	795.760	4.607
240 x 280	62	72	20619	171794	12 x M10	60	964.320	4.803
250 x 300	72	82	26842	214718	15 x M10	60	1548.400	7.528
260 x 310	72	82	27910	214718	15 x M10	60	1724.800	7.818
270 x 320	72	82	28988	214718	15 x M10	60	1911.000	8.107
280 x 330	72	82	30057	214718	15 x M10	60	2107.000	8.397
290 x 340	72	82	31135	214718	15 x M10	60	2312.800	8.687
300 x 350	72	82	32203	214718	15 x M10	60	2538.200	8.977

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