

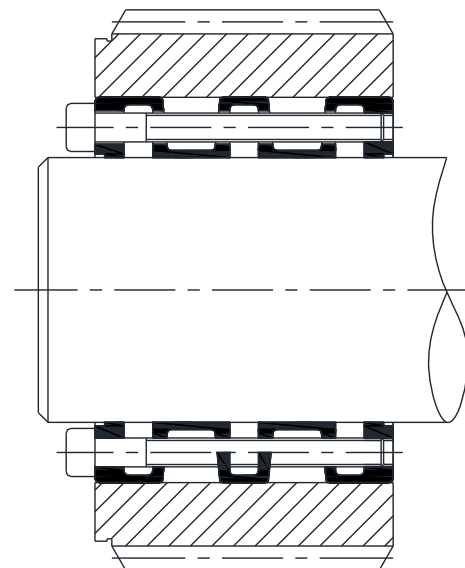
Clamping Sleeve - Model N5011



◆ 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: High

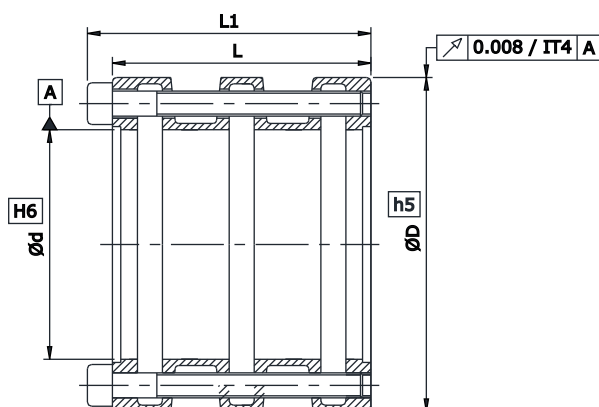
◆ Mounting Example:



◆ 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 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	31	34	59	8471	6 x M3	2	0.058	0.056
15 x 28	31	34	65	8668	6 x M3	2	0.077	0.062
16 x 28	31	34	72	8964	6 x M3	2	0.076	0.062
16 x 32	41	45	128	16056	6 x M4	5	0.176	0.120
18 x 30	31	34	85	9456	6 x M3	2	0.098	0.066
18 x 35	41	45	158	17533	6 x M4	5	0.246	0.136
20 x 32	31	34	99	9850	6 x M3	2	0.122	0.072
20 x 37	41	45	177	17730	6 x M4	5	0.302	0.144
20 x 40	52	57	167	16745	6 x M5	7	0.539	0.234
22 x 35	31	34	108	9850	6 x M3	2	0.170	0.084
22 x 38	41	45	177	16154	6 x M4	5	0.329	0.146
22 x 42	52	57	256	23246	6 x M5	10	0.643	0.248
25 x 37	31	34	138	11032	6 x M3	2	0.203	0.084
25 x 42	41	45	246	19700	6 x M4	5	0.477	0.172
25 x 45	52	57	315	25216	6 x M5	10	0.826	0.270
28 x 40	31	34	158	11229	6 x M3	2	0.265	0.092
28 x 45	41	45	276	19700	6 x M4	5	0.610	0.186
28 x 48	52	57	364	26004	6 x M5	10	1.044	0.290
30 x 42	31	34	177	11820	6 x M3	2	0.313	0.096
30 x 47	41	45	315	20981	6 x M4	5	0.711	0.194
30 x 50	52	57	404	26891	6 x M5	10	1.212	0.308
30 x 55	62	68	424	28270	6 x M6	13	2.098	0.468
32 x 48	41	45	335	20882	6 x M4	5	0.753	0.190
32 x 52	52	57	433	27088	6 x M5	10	1.389	0.318
32 x 56	62	68	453	28270	6 x M6	13	2.226	0.466
35 x 52	41	45	394	22557	6 x M4	5	1.015	0.218
35 x 55	52	57	512	29255	6 x M5	10	1.694	0.346
35 x 60	62	68	690	39400	6 x M6	17	2.866	0.516
40 x 56	41	45	463	23148	6 x M4	5	1.281	0.232
40 x 62	52	57	611	30535	6 x M5	10	2.650	0.416
40 x 65	62	68	818	40878	6 x M6	17	3.812	0.576
40 x 70	77	85	887	44325	6 x M8	25	6.787	0.895
45 x 68	52	57	709	31520	6 x M5	10	3.713	0.478
45 x 70	62	68	946	41961	6 x M6	17	4.955	0.618
45 x 75	77	85	1084	48167	6 x M8	25	8.678	1.000

Dimensions/Design subject to modifications without any prior intimation.

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50 x 72	52	57	837	33490	6 x M5	10	4.452	0.494
50 x 75	62	68	1113	44522	6 x M6	17	6.304	0.670
50 x 80	77	85	1950	78012	6 x M8	40	10.934	1.080
55 x 80	62	68	1235	44982	6 x M6	17	7.840	0.715
55 x 85	77	85	2195	79870	6 x M8	40	13.426	1.135
60 x 85	62	68	1450	48412	6 x M6	17	9.653	0.765
60 x 90	77	85	2548	84868	6 x M8	40	16.366	1.225
65 x 90	62	68	1597	49098	6 x M6	17	11.760	0.815
65 x 95	77	85	2842	87514	6 x M8	40	19.698	1.300
70 x 100	77	85	3146	89964	6 x M8	40	23.520	1.380
75 x 105	77	85	3489	93100	6 x M8	40	27.832	1.460
80 x 110	77	85	3793	94864	6 x M8	40	32.536	1.520
85 x 120	92	100	3822	89964	6 x M8	40	58.996	2.310
90 x 120	77	85	6713	149156	7 x M8	40	47.138	1.475
95 x 125	77	85	7242	152488	8 x M8	40	54.586	1.536
100 x 130	77	85	7624	152488	8 x M8	40	62.034	1.612
110 x 140	77	85	10476	190610	10 x M8	40	80.654	1.735
120 x 150	77	85	11437	190610	10 x M8	40	100.940	1.885
130 x 160	77	85	12387	190610	10 x M8	40	123.480	2.036
140 x 170	77	85	13338	190610	10 x M8	40	149.940	2.180
150 x 180	77	85	14288	190610	10 x M8	40	180.320	2.331
160 x 190	77	85	18297	228732	12 x M8	40	216.580	2.453
170 x 200	77	85	19433	228732	12 x M8	40	254.800	2.603
180 x 210	77	85	20580	228732	12 x M8	40	295.960	2.744
190 x 230	92	102	26568	279692	12 x M10	60	664.440	5.321
200 x 240	92	102	27969	279692	12 x M10	60	761.460	5.594
210 x 250	92	102	29361	279692	12 x M10	60	867.300	5.867
220 x 260	92	102	30762	279692	12 x M10	60	980.000	6.140
230 x 270	92	102	32144	279692	12 x M10	60	1107.400	6.413
240 x 280	92	102	33565	279692	12 x M10	60	1244.600	6.686
250 x 300	102	112	43688	349566	15 x M10	60	2009.000	9.721
260 x 310	102	112	45443	349566	15 x M10	60	2234.400	10.095
270 x 320	102	112	47187	349566	15 x M10	60	2469.600	10.469
280 x 330	102	112	48902	349566	15 x M10	60	2724.400	10.844
290 x 340	102	112	50666	349566	15 x M10	60	2998.800	11.218
300 x 350	102	112	52430	349566	15 x M10	60	3292.800	11.592

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