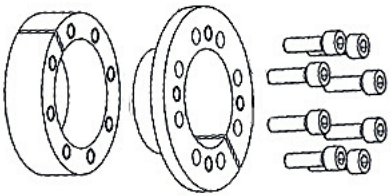


MS 206

MS 206 – This is suitable for medium to high torques. Since the mounting is small, the installation time is also reduced. It is also economically advantageous. Any application which requires an accurate axial positioning, this Locking assembly cannot be used. This design has a single taper.

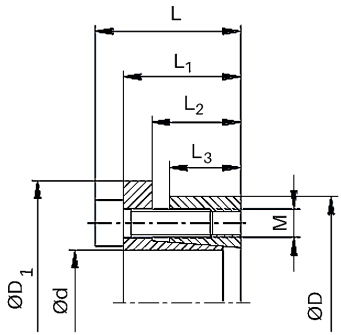
Centering – This is self centering and hence additional hub centering is not required. This also provides good concentricity.

Installation - Carefully clean the contact surface of the hub and the shaft. Later, apply a very thin layer of oil on both the surface. Insert the Locking Assembly fit into the hub and then push it on the shaft. Then tighten all the clamping screws in a crossed sequence using a torque wrench to reach the tightening torque T_A mentioned in the table below. The tightening torque of the clamping screws is verified in the same order of arrangement. In case of oil installation, please refer the columns T and F_{ax} in the table shown below.
Note : Do not use any oil/ grease that contains Molybdenum disulphide addictive or high pressure addictive or additives of Teflon and silicon. Avoid use of sliding grease or any sort of lubrication that reduces the coefficient of friction. In case the assembly of tapers is done without the use of oil then the figures in the table may differ.

Disassembly - Unscrew the clamped screws. Then insert the screws into the forcing threads in the crossed sequence and gradually tighten them until the rare cone ring is released. If the application is going to be used again, then repeat the lubrication process on both, the screws and the threads.

Axial Displacement - While tightening the screws, the hub does not have an axial movement towards the shaft.

Note - MS 206 has ID sizes upto 400mm. Please do reach out to us or our dealers for further assistance and detailed product catalog.



MS 206

Size [mm]	Dimensions [mm]					Clamping screws DIN EN ISO 4762 - 12.9 μ_{total} = 0.14				Transmittable torque or axial force	
d X D	L	L_1	L_2	L_3	D_1	M	Length	Number z	T_A [Nm]	T [Nm]	F_{ax} [kN]
18 x 47	34	28	22	17	53	M6	20	6	17	290	32
19 x 47	34	28	22	17	53	M6	20	6	17	300	32
20 x 47	34	28	22	17	53	M6	20	6	17	320	32
22 x 47	34	28	22	17	53	M6	20	6	17	350	32
24 x 50	34	28	22	17	56	M6	20	6	17	390	33
25 x 50	34	28	22	17	56	M6	20	6	17	400	32
28 x 55	34	28	22	17	61,4	M6	20	6	17	450	32
30 x 55	34	28	22	17	61,4	M6	20	6	17	490	33
32 x 60	34	28	22	17,5	67	M6	20	8	17	700	44
35 x 60	34	28	22	17,5	67	M6	20	8	17	760	43
38 x 65	34	28	22	17,5	72	M6	20	8	17	820	43
40 x 65	34	28	22	17,5	72	M6	20	8	17	870	44
42 x 75	41	33	25	20	84	M8	25	8	41	1700	81
45 x 75	41	33	25	20	84	M8	25	8	41	1800	80
48 x 80	41	33,5	24	20	89	M8	25	8	41	1900	79
50 x 80	41	33,5	24	20	89	M8	25	8	41	2000	80
55 x 85	41	33,5	24	20	94	M8	25	8	41	2200	80
60 x 90	41	33,5	24	20	99	M8	25	8	41	2400	80
65 x 95	41	33,5	24	20	104	M8	25	8	41	2600	80
70 x 110	50	40	29	24	119	M10	30	8	83	4600	131
75 x 115	50	40	29	24	124	M10	30	8	83	5000	133
80 x 120	50	40	29	24	129	M10	30	8	83	5300	133
85 x 125	50	40	29	24	134	M10	30	10	83	7000	165
90 x 130	50	40	29	24	139	M10	30	10	83	7400	164
95 x 135	50	40	29	24	144	M10	30	10	83	7800	164
100 x 145	56	44	31	25,5	154	M12	30	8	145	9700	194
110 x 155	56	44	31	25,5	164	M12	30	8	145	10700	195
120 x 165	56	44	31	26	174	M12	30	9	145	13100	218
130 x 180	64	52	39	34	189	M12	30	12	145	19000	292
140 x 190	68	54	39	34	199	M14	40	9	230	20500	293
150 x 200	68	54	39	34	209	M14	40	10	230	24500	327
160 x 210	68	54	39	34	219	M14	40	12	230	31300	391
170 x 225	78	64	49	44	234	M14	40	12	230	33200	391
180 x 235	78	64	49	44	244	M14	40	12	230	35000	389
190 x 250	78	64	49	43,5	259	M14	40	15	230	46500	489
200 x 260	78	64	49	43,5	269	M14	40	15	230	49000	490
220 x 285	88	72	57	50	294	M16	40	12	360	57100	519
240 x 305	88	72	57	50	314	M16	40	15	360	77800	648
260 x 325	88	72	57	50	334	M16	40	18	360	101200	778
280 x 355	102	84	66	60	364	M18	50	16	480	113300	809
300 x 375	102	84	66	60	384	M18	50	18	480	136500	910