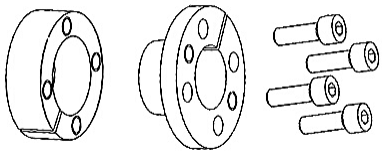


MS 225

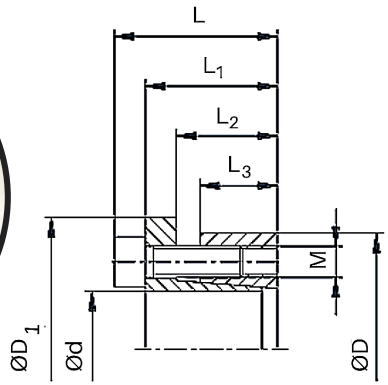
MS 225 – This is very similar to MS 206. There are various bore diameters available for one/same diameter of the external ring. In other words, It is a combination of hub diameter with various shaft diameter. This is more suitable for disk and flange drive components. MS 225 is compact as well as cost effective.

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.



MS 225

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]
14 x 55	38	30	22	17	62	M8	25	4	41	287	41
16 x 55										329	41
18 x 55										370	41
19 x 55	38	30	22	17	62	M8	25	4	41	390	41
20 x 55										410	41
22 x 55										451	41
24 x 55	38	30	22	17	62	M8	25	4	41	492	41
25 x 55										513	41
28 x 55	38	30	22	17	62	M8	25	4	41	575	41
30 x 55										616	41
24 x 65										616	51
25 x 65	38	30	22	17	72	M8	25	5	41	641	51
28 x 65										718	51
30 x 65										770	51
32 x 65	38	30	22	17	72	M8	25	5	41	821	51
35 x 65										898	51
38 x 65	38	30	22	17	72	M8	25	5	41	975	51
40 x 65										1026	51
30 x 80										1070	72
32 x 80	41	33	25	20	88	M8	25	7	41	1150	72
35 x 80										1257	72
38 x 80										1364	72
40 x 80	41	33	25	20	88	M8	25	7	41	1436	72
42 x 80										1509	72
45 x 80										1616	72
48 x 80	41	33	25	20	88	M8	25	7	41	1723	72
50 x 80										1796	72