

Mounting instruction for type MMO with taper bush

Mounting the element hub with taper bush

The general mounting instruction for the MMO also applies to this instruction and should be followed.

1. The outer taper of the taper bush and the bore with the inner taper of the element hub should be free of defects and grease prior to mounting. Preservatives must be removed completely.
2. Insert the taper bush into the element hub and line up all connecting bores. Make sure that half threaded holes coincide with half plain bores (Fig. 1).
3. Screw in lightly oiled assembly screws. Do not tighten the screws yet (Fig. 2).
4. Slide the element hub with inserted taper bush onto the cleaned shaft with key. Place the assembly into the mounting position and tighten it uniformly according to Fig. 3 and Table 1.
5. The screws can be retightened again by slightly tapping against the taper bush with a hammer using an intermediate plate. Repeat this process, if necessary.

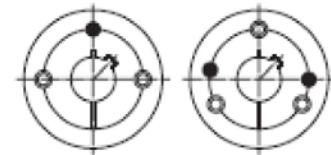


Fig. 1

Nr. 1610
2012
2517
3030

Nr. 3535
4040
4545
5040

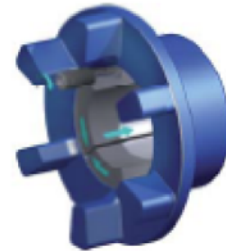


Fig. 2

Dismantling the element hub with taper bush

1. Loosen and remove all screws. Depending on the taper bush size, screw either 1 or 2 oiled screws into the jack screw holes of the taper bush (Fig. 4).
2. Tighten the screws uniformly until the taper bush is loose in the element hub.
3. As soon as the taper bush is loose, the element hub can be pulled off the shaft together with the taper bush.

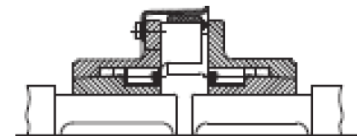


Fig. 3



Fig. 4

Table 1 Screw tightening torques for mounting the taper bush

Coupling Size	MMO 2	MMO 63	MMO 125	MMO 260/500
Taper bush No.	1610	2012	2517	3030
B.S.W. screw size *)	$\frac{3}{8}$ - 16	$\frac{7}{16}$ - 14	$\frac{1}{2}$ - 12	$\frac{5}{8}$ - 11
UNC screw size	$\frac{3}{8}$ - 16	$\frac{7}{16}$ - 14	$\frac{1}{2}$ - 13	$\frac{5}{8}$ - 11
Tightening torque M_{A1} [lb-in]	175	280	430	800
Tightening torque M_{A1} [Nm]	20	32	49	90
Width across flats SW [mm]	$\frac{3}{16}$	$\frac{7}{32}$	$\frac{1}{4}$	$\frac{5}{16}$

*) Nr. 1610/2012/2517/3030 set screw
Nr. 3535/4040/5040 cap screw

