

HUBS

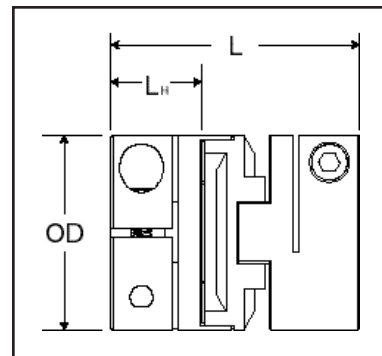
PART NUMBER		SPECIFICATIONS									
CLAMP STYLE	SET SCREW STYLE	BORE (mm)	OUTER DIAM. OD (mm)	HUB LENGTH L _H (mm)		COUPLING LENGTH L (mm)		SHAFT PENETRATION (mm)		CLAMP SCREW	SET SCREW
				(MOCT)	(MOST)	(MOCT)	(MOST)	(MOCT)	(MOST)		
	MOST13-3-A	3									
	MOST13-4-A	4									
	MOST13-5-A	5	12.7		5.6		15.9		5.6		M3
	MOST13-6-A	6									
MOCT19-4-A	MOST19-4-A	4									
MOCT19-5-A	MOST19-5-A	5	19.1	9.7	7.6	25.4	22.2	9.7	7.6	M2.5	M3
MOCT19-6-A	MOST19-6-A	6									
MOCT19-8-A	MOST19-8-A	8									
MOCT25-6-A	MOST25-6-A	6									
MOCT25-8-A	MOST25-8-A	8	25.4	11.9	9.9	31.8	28.6	11.9	9.9	M3	M4
MOCT25-10-A	MOST25-10-A	10									
MOCT25-12-A	MOST25-12-A	12									
MOCT33-8-A	MOST33-8-A	8									
MOCT33-10-A	MOST33-10-A	10									
MOCT33-12-A	MOST33-12-A	12	33.3	15.0	15.0	47.6	47.6	15.0	15.0	M3	M4
MOCT33-14-A	MOST33-14-A	14									
MOCT33-16-A	MOST33-16-A	16									
MOCT41-10-A	MOST41-10-A	10									
MOCT41-12-A	MOST41-12-A	12									
MOCT41-14-A	MOST41-14-A	14	41.3	18.0	18.0	50.8	50.8	18.0	18.0	M4	M5
MOCT41-16-A	MOST41-16-A	16									
MOCT41-20-A	MOST41-20-A	20									
MOCT51-12-A		12									
MOCT51-14-A		14									
MOCT51-16-A		16	50.8	20.8		59.7		20.8		M5	
MOCT51-20-A		20									
MOCT51-25-A		25									
MOCT57-14-A		14									
MOCT57-16-A		16									
MOCT57-20-A		20	57.2	28.7		78.7		28.7		M6	
MOCT57-25-A		25									
MOCT57-30-A		30									



ORDERING INFORMATION

For a complete coupling,
order two hubs and one disk.

For example: order OCT16-4-A, OCT16-6-A,
and OD16/25-AT to form a complete coupling
with a 1" OD, .250" and .375" bores and a
zero backlash disk.



Technical Information

Materials

Torque Disks: Acetal or Nylon 11
 Hubs: 2024 T351 or 7075 T651 Extruded and Drawn Aluminum Bar

Surface Finish

Hubs: Type II Sulfuric Anodized

Hardware

Socket Head Cap Screws: Alloy steel, heat treated. Meet or exceed ASA specification B18.3. Metric hardware meets or exceeds ASA specifications B18.3.1M and ASTM A574M property class 12.9

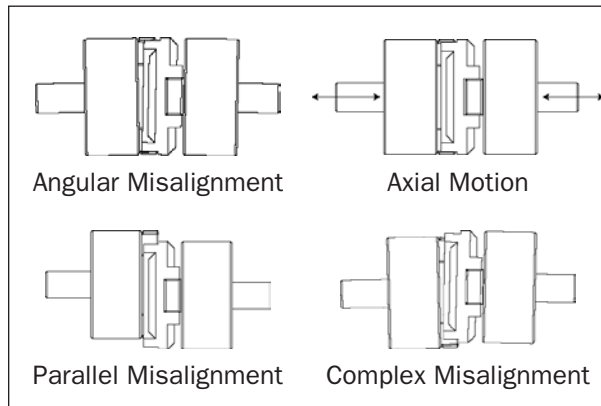
Forged Socket Set Screws: Alloy steel, heat treated, cup point. Meet or exceed ASA specification B18.3

Temperature Range

-10° F to 150° F with Acetal disk
 -10° F to 130° F with Nylon 11 disk

Maximum Speed

4,500 rpm



Hardware Torque Charts

Torque Ratings—Clamp Screw

METRIC Clamp Screw	Seating Torque (Nm)	
	ALLOY	STAINLESS STEEL
M2	0.60	0.36
M2.5	1.21	0.73
M3	2.10	1.10
M4	4.60	2.50
M5	9.50	5.40
M6	16.00	9.60

Torque Ratings—Set Screw

METRIC Set Screw	Seating Torque (Nm)	
	ALLOY	STAINLESS STEEL
M2.5	0.57	0.44
M3	0.92	0.73
M4	2.20	1.76
M5	4.00	3.20
M6	7.20	5.76

Installation Instructions

1. Assure that the misalignment between shafts is within the coupling's ratings.
2. Slide a hub onto each shaft to be joined with the drive tenons facing each other.
3. Rotate the hubs on the shaft so the drive tenons are located 90° from each other.
4. Place a torque disk so one groove fits over the drive tenons of a hub and center the disk by hand.
5. Insert a shim with the thickness of the coupling's axial motion rating into the groove of the torque disk.
6. Slide the tenons of the second hub into the mating groove in the disk until it touches the shim stock.
7. Fully tighten the screw(s) on each hub to their recommended seating torque (see charts above).
8. Remove the shim stock to leave a small gap between the top of the drive tenons and the torque disk to allow for axial movement.

