



OLDHAM COUPLING

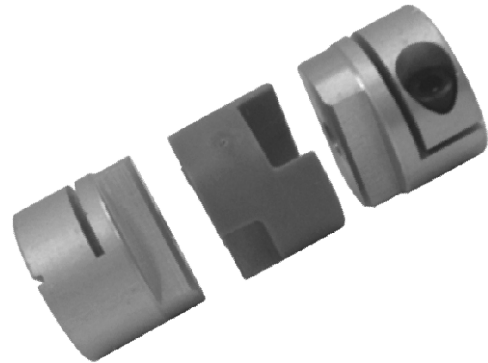
OLDHAM

The Lovejoy Oldham coupling is a precision engineered, torsionally stiff, three part coupling suitable for a great many applications ranging from incremental control of fluid valves to highly dynamic drives in a closed loop servo system. It accommodates misalignment mechanically through a floating disc that engages tenons machined out of the hubs. Under severe overload the element will break cleanly, and act as a mechanical fuse to protect equipment.

- Positive engagement.
- Good parallel misalignment capacity.
- Vibration damping ability
- Easy to install

PERFORMANCE DATA

Part No.	Max Bore	Power at 100 RPM kW	Nominal Torque (Nm)	Normal Maximum Speed (RPM)
Set Screw Style				
MOL-16	6.0	0.007	0.7	24000
MOL-20	8.0	0.013	1.2	19000
MOL-25	10.0	0.021	2.0	15000
MOL-32	14.0	0.047	4.5	12000
Clamp Style				
MOL-16C	6.0	0.007	0.7	9500
MOL-20C	8.0	0.013	1.2	7600
MOL-25C	10.0	0.021	2.0	6100
MOL-32C	14.0	0.047	4.5	4800



DIMENSIONAL DATA

Part No.	Bore		A	B	C	E
	Min	Max				
Set Screw Style						
MOL-16	-	6.0	16.0	18.0	7.0	4.0
MOL-20	-	8.0	20.0	23.0	9.0	5.0
MOL-25	-	10.0	25.0	28.0	11.0	6.0
MOL-32	-	14.0	32.0	33.0	13.0	7.0
Clamp Style						
MOL-16C	-	6.0	16.0	29.0	12.5	4.0
MOL-20C	-	8.0	20.0	33.0	14.0	5.0
MOL-25C	-	10.0	25.0	39.0	16.5	6.0
MOL-32C	-	14.0	32.0	45.0	19.0	7.0

E = Gap between hubs not element length.

