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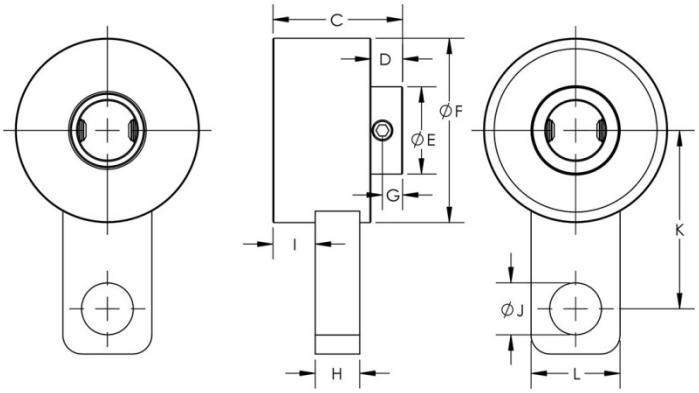
1808-RH Roller Clutch
1808-LH Roller Clutch

The Tiny-Clutch 1808 backstopping roller clutch is a miniature roller and cam type one-way clutch from our D-Series line of clutches. The 1808 clutches are most frequently used for backstopping a load, or converting oscillating motion to rotary motion. These clutches use our proven cam and roller principle for long life with trouble free performance. The cam, housing and rollers are made of hardened steel and each roller is energized by a spring which is held square and centered in a drilled pocket. The design of the clutch allows for near zero backlash as well as high free-wheeling speeds. The clutch will not jam in the free direction.

The 1808 backstopping roller clutch is based on our D125MR clutch, featuring an arm that allows the housing to be fixed to ground for backstopping applications or can be used as the input for oscillating applications. This clutch has a ½ inch (12.7mm) bore, the cam is screwed to your shaft with two screws at 180°, power may be applied to the clutch through either the arm or the cam. This is the original equipment clutch in Milford Rivet model 63 and model 64 rivet machines and replaces Milford Rivet Part # SH152.



Specifications:

Maximum Torque	50lbs-in | 5.6Nm	Dimension E	.74in | 18.7mm	Dimension I	.36in | 9.1mm
Maximum Speed	2,000 RPM	Dimension F	1.55in | 39.4mm	Dimension J	.44in | 11.1mm
Typical Weight	7.1oz | 202g	Dimension G	.17in | 4.3mm	Dimension K	1.50in | 38.1mm
Dimension C	1.09in | 27.8mm	Dimension H	.38in | 9.5mm	Dimension L	.75in | 19.1mm
Dimension D	.27in | 6.8mm				

Mounting Specifications:

Bore	Set Screw
1/2in | 12.7mm	10-32 x 2

Clutch Direction:
Right handed* clutches drive clockwise and slip counter clockwise.
Left handed clutches drive counter clockwise and slip clockwise.

* Most Common