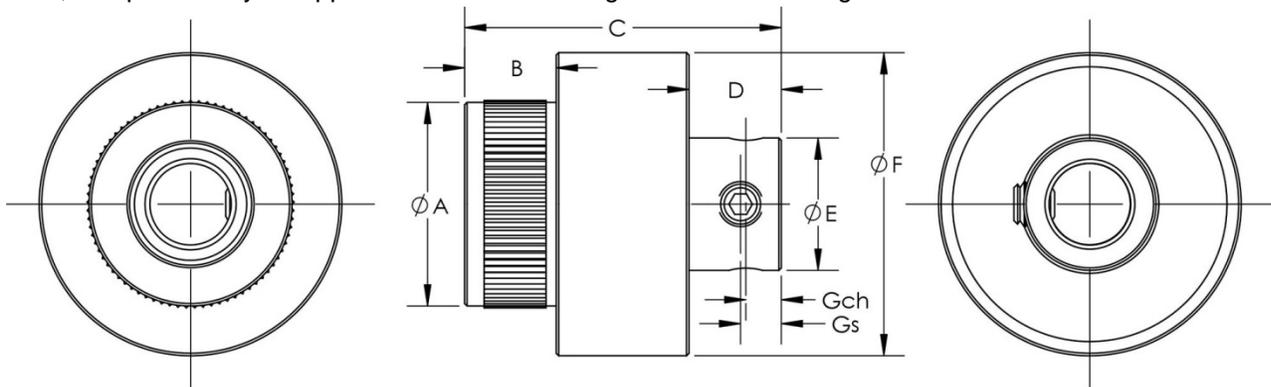


2871-RH Roller Clutch 2871-LH Roller Clutch

The Tiny-Clutch 2871 overrunning roller clutch is a miniature roller and cam type one-way clutch from our D-Series line of clutches. The D-Series clutches are most frequently used to allow a driven member to overrun the input, or for backstopping a load, they can also function to convert 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 2871 overrunning roller clutch is based on our D75 roller clutch. The knurled hub on the housing allows installation of a pulley, gear or sprocket. This clutch has a 1/4 inch (6.4mm) bore, the cam is screwed and/or pinned to your shaft, and power may be applied to the clutch through either the housing or the cam.



Specifications:

Maximum Torque	10lbs-in 1.1Nm	Dimension B	.28in 7.1mm	Dimension F	.93in 23.6mm
Maximum Speed	5,000 RPM	Dimension C	.97in 24.7mm	Dimension Gs	.13in 3.2mm
Typical Weight	1.3oz 38g	Dimension D	.28in 7.2mm	Dimension Gch	.11in 2.8mm
Dimension A	.62in 15.8mm	Dimension E	.41in 10.3mm		

Mounting Specifications:

Bore	Set Screw	Cross Hole
1/4in 6.4mm	6-32	3/32in 2.4mm

Clutch Direction:

Right handed clutches drive clockwise and slip counter clockwise.
 Left handed clutches drive counter clockwise and slip clockwise.

We can provide a variety of adapter hubs or make one to your specifications to connect our clutch to your application.

