

ACE

New MA 50M Adjustable Miniature Industrial Shock Absorber High-Energy Absorption-Minimum Package



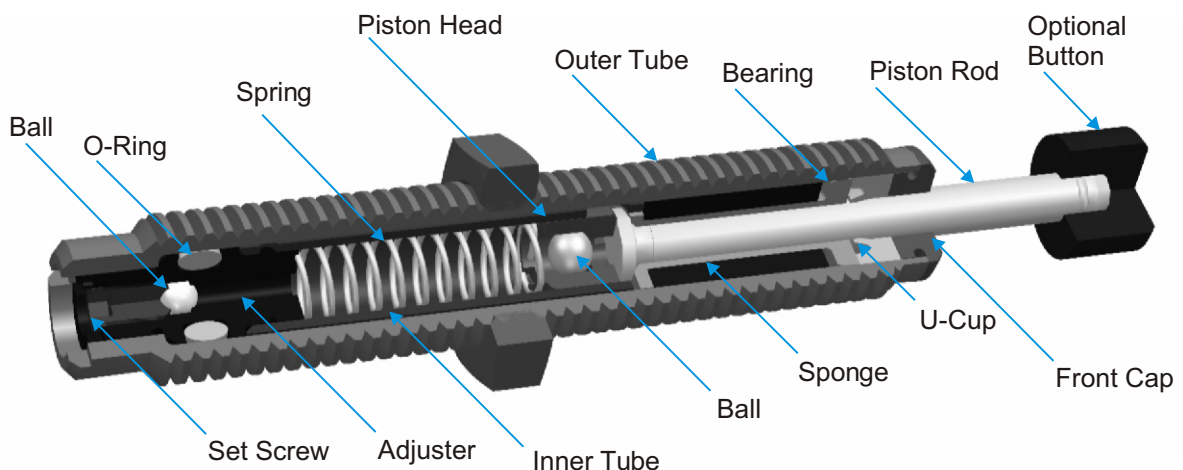
Shock absorbers shown actual size

Advantages...

- **Interchanges with Enidine OEM 0.1M, Offers Higher Energy Per Hour Rating**
- **Easily Adjustable**
- **Integral Mechanical Stop**
- **Stainless Steel Piston Rod**

The new MA 50M adjustable miniature industrial shock absorber is the latest addition to the proven ACE Controls MA Series. This new reliable miniature offers an effective weight range of 10 - 45 lbs (4.5 - 20.4 kg) and an energy per cycle rating of 50 in-lbs (5.6 Nm).

Applications for the MA 50M include: small linear slides, rotary actuators, material handling and packaging equipment, small robotics, machine tools as well as pick & place equipment and more.

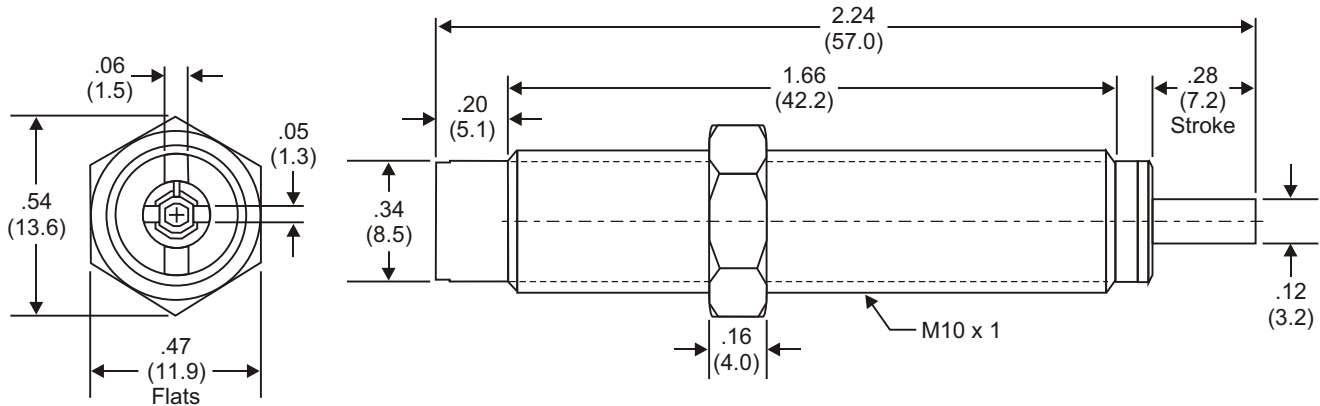


ACE Controls Inc.

World leader in deceleration technology
ISO 9001:2000 Certified

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Dimensions in inches (millimeters)



Specifications

Model	We Effective Weight lbs (kg)	E ₃ Energy per Cycle in-lbs (Nm)	E ₄ Energy per Hour in-lbs/hour (Nm/hour)	Return Force lbs (N)	Return Time sec	Shipping Weight lbs (kg)
MA 50M	10 - 45 (4.5 - 20.4)	50 (5.6)	120,000 (13,550)	.47 - 1.8 (2.1 - 8.0)	0.2	0.05 (0.022)

Technical Data

Impact velocity range: 2.4 to 5.2 ft/sec (.73 to 1.6 m/sec)

Operating temperature: 32° to 150° F (0° to 66° C)

Mechanical stop: integral mechanical stop built into front of units.

Oil type: CADCO X-900

Materials: steel body with black oxide finish, hardened stainless steel piston rod.

Lock nut torque specifications: 35 - 38 in-lbs (4 - 4.3 Nm)

Lock nut included with each shock absorber.

Ordering Information

