



## New Extremely Miniature MC 9 Shock Absorber

**High-Energy Absorption - Minimum Package  
1.22 Inches (31 mm) in Length Without Optional Button**



Shock absorbers shown actual size

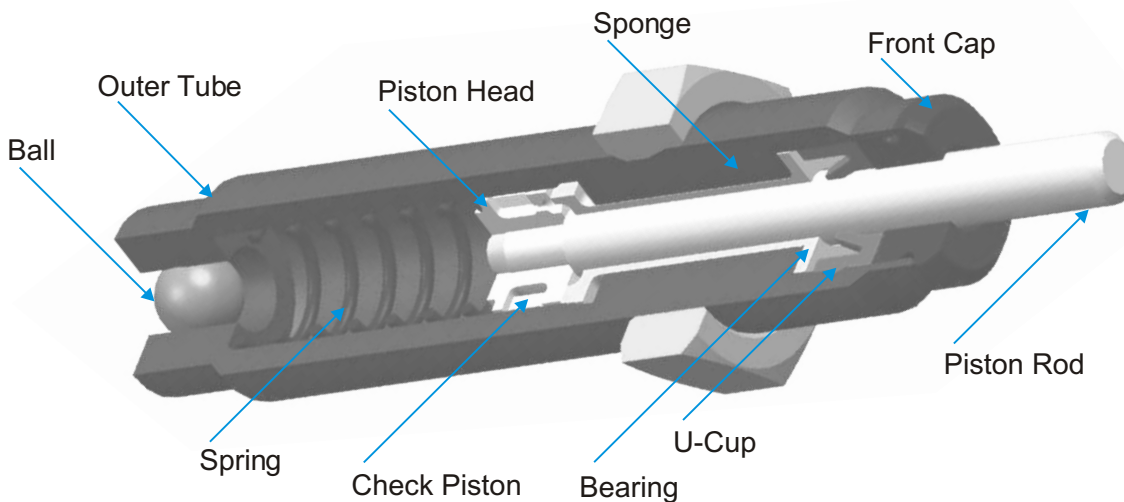
### Features...

- **Extended Life with Integral Mechanical Stop**
- **Stainless Steel Piston Rod**
- **Internal Accumulator**

The new ACE MC 9 miniature industrial shock absorber offers a fully threaded metric outer tube for ease of mounting in confined spaces.

This dependable performer offers two effective weight ranges for handling multiple load conditions.

Selected applications for the versatile MC 9 shock absorber include: small slides, packaging equipment, small robotics, high-speed automation, instrumentation as well as office and medical equipment.

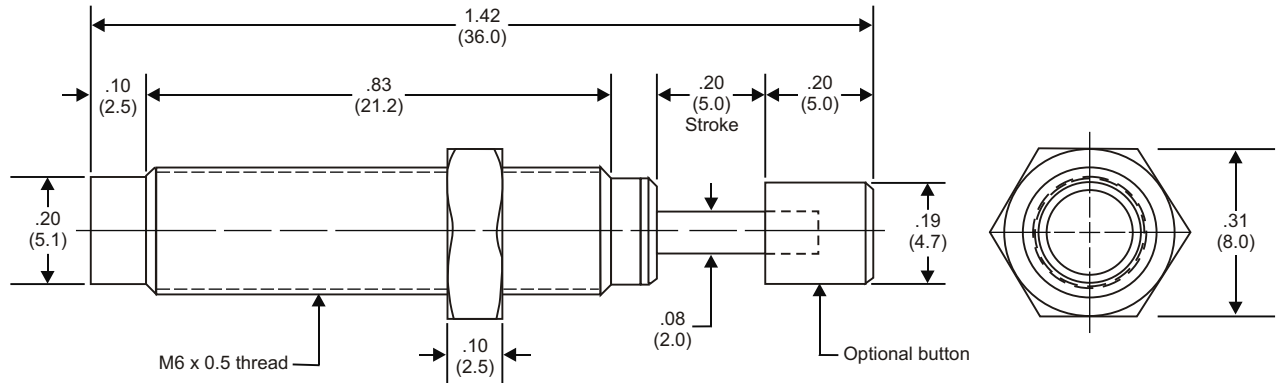


**ACE Controls Inc.**

World leader in deceleration technology  
ISO 9001 Certified

# MC 9 Miniature Shock Absorber

## Dimensions in inches (millimeters)



## Specifications

Model	(We) Effective Weight lbs (kg)	(E3) Energy per Cycle in lbs (Nm)	(E4) Energy per Hour in lbs/hour (Nm/hour)	Return Force lbs (N)	Return Time (sec)	Shipping Weight lbs (kg)
MC 9 M-1	1.35 - 7.0 (0.6 - 3.2)	9 (1.0)	18,000 (2,000)	.31 - .85 (1.38 - 3.78)	0.3	0.01 (0.004)
MC 9 M-2	1.75 - 9.0 (0.8 - 4.1)	9 (1.0)	18,000 (2,000)	.31 - .85 (1.38 - 3.78)	0.3	0.01 (0.004)

Maximum side load depends on application. For additional information consult ACE's Applications Department.

## Technical Data

**Impact velocity range:** 0.5 to 6 ft/sec (0.15 to 1.8 m/sec)

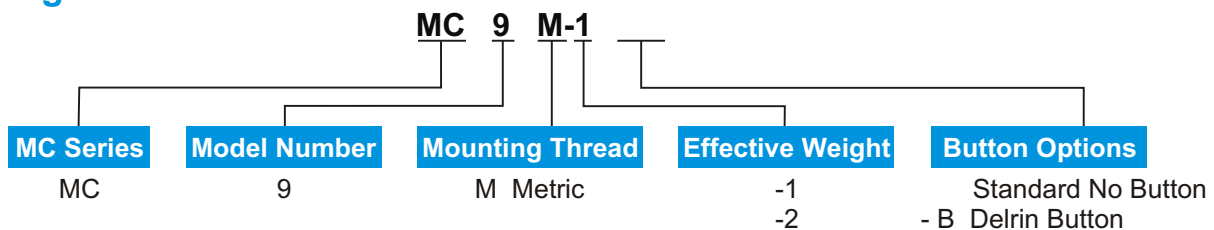
**Oil type:** silicone

**Operating Temperature:** 14 to 150° F (-10 to 66° C)

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

**Mechanical stop:** integral mechanical stop built into front of shock absorber

## Ordering Information



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