



Magswitch Technology, Inc.
8774 Yates Dr. Suite 140
Westminster, CO 80031
Magswitch.com.au
303-468-0662

Magswitch M15AY ASC

P/N: 8140447

Magswitch “AY” series utilizes field interaction between individual Magswitch units to manipulate magnetic field shape allowing for a deeper or shallower depth of field and increased holding in shear while utilizing a single actuator. This makes the “AY” series the perfect cost effective unit for de-stacking operations and lifting flat steel in shear.

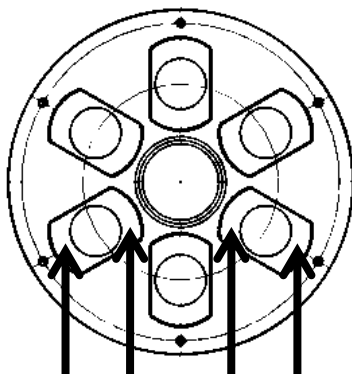


WARNING!
Do Not Operate Unless In
Contact With Ferrous Target

SPECIFICATIONS

P/N: 8140447 - MAGSWITCH M15AY ASC

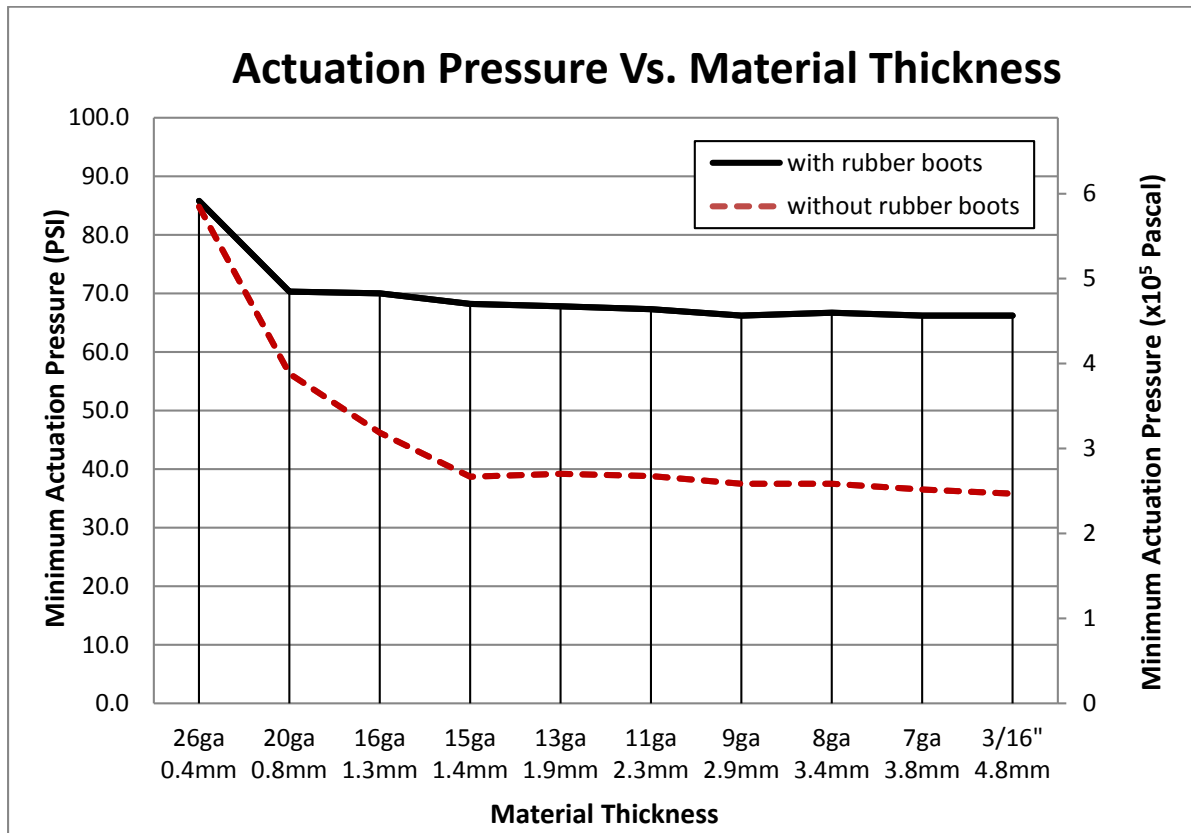
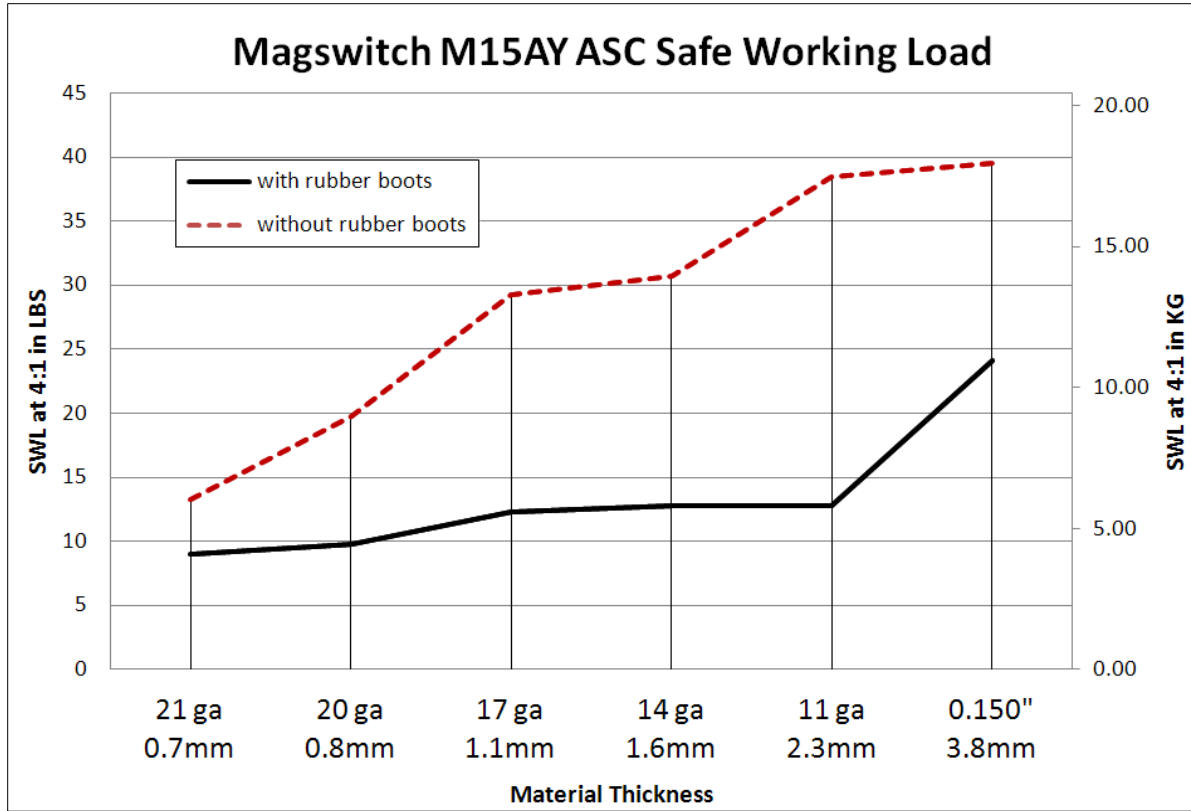
Max Breakaway*	160 lbs/72.8 kg
Safe Working Load*	40 lbs/18.2 kg
Full Saturation Thickness	12 ga/2.1mm
Max Safe Shear*	50 lbs/22.7 kg
Minimum Thickness for De-Stack	12 ga/2.7mm
Min Actuation Pressure	40 psi/2.8x10 ⁵ pa
Max Actuation Pressure	100 psi/6.9x10 ⁵ pa
Off Target Actuation Pressure	93 PSI/ 6.4x10 ⁵ pa
Net Weight	1.8 lbs/0.8 kg
Air Port Thread	M5x0.8
Mounting Thread	M6x1.0
Overall Height	111.05 mm
Magnetic Pole Footprint	80mm Diameter



WORKING SURFACE

Part Number 110652
Revision Date: March 19, 2014

* Max Breakaway determined in laboratory environment on 2" thick SAE1018 Steel with surface roughness 63 micro inches. Many factors contribute to the actual breakaway force in each application. Always test the magswitch in each application before deployment. Refer to the magswitch information booklet for more information.



Part Number 110652
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