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## Magswitch M15AY JSC

### P/N: 8140332

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.

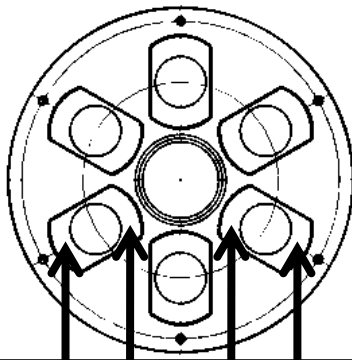


**WARNING!**  
**Do Not Operate Unless In  
Contact With Ferrous Target**

#### SPECIFICATIONS

##### P/N: 8140332 - MAGSWITCH M15AY JSC

Max Breakaway*	190 lbs/86.4 kg
Working Load 4:1*	47 lbs/21.4 kg
Full Saturation Thickness	9 ga/3.8mm
Max Shear 2:1*	50 lbs/22.7 kg
Minimum Thickness for De-Stack	9 ga/3.8 mm
Min Actuation Pressure	40 psi/2.8x10 <sup>5</sup> pa
Max Actuation Pressure	100 psi/6.9x10 <sup>5</sup> pa
Off Target Actuation Pressure	95 psi/ 6.5x10 <sup>5</sup> 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	80 mm Diameter

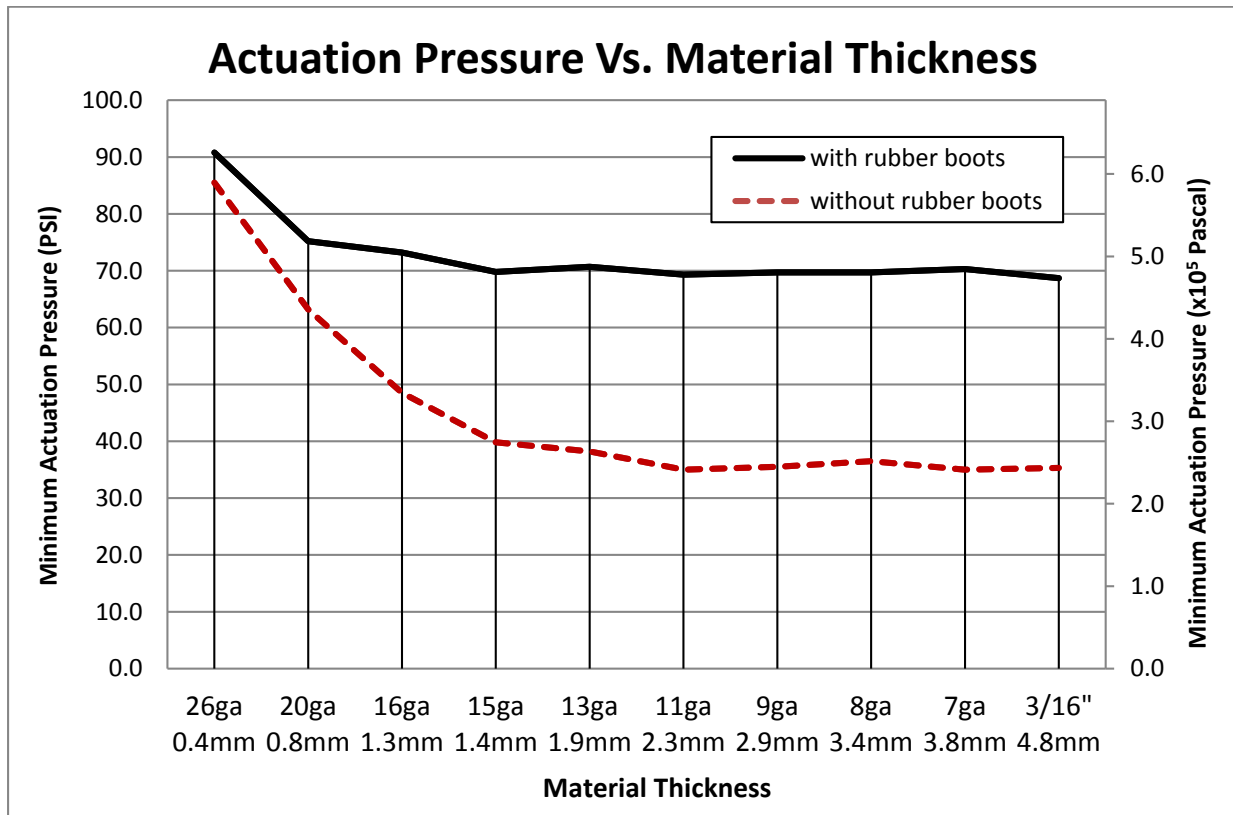
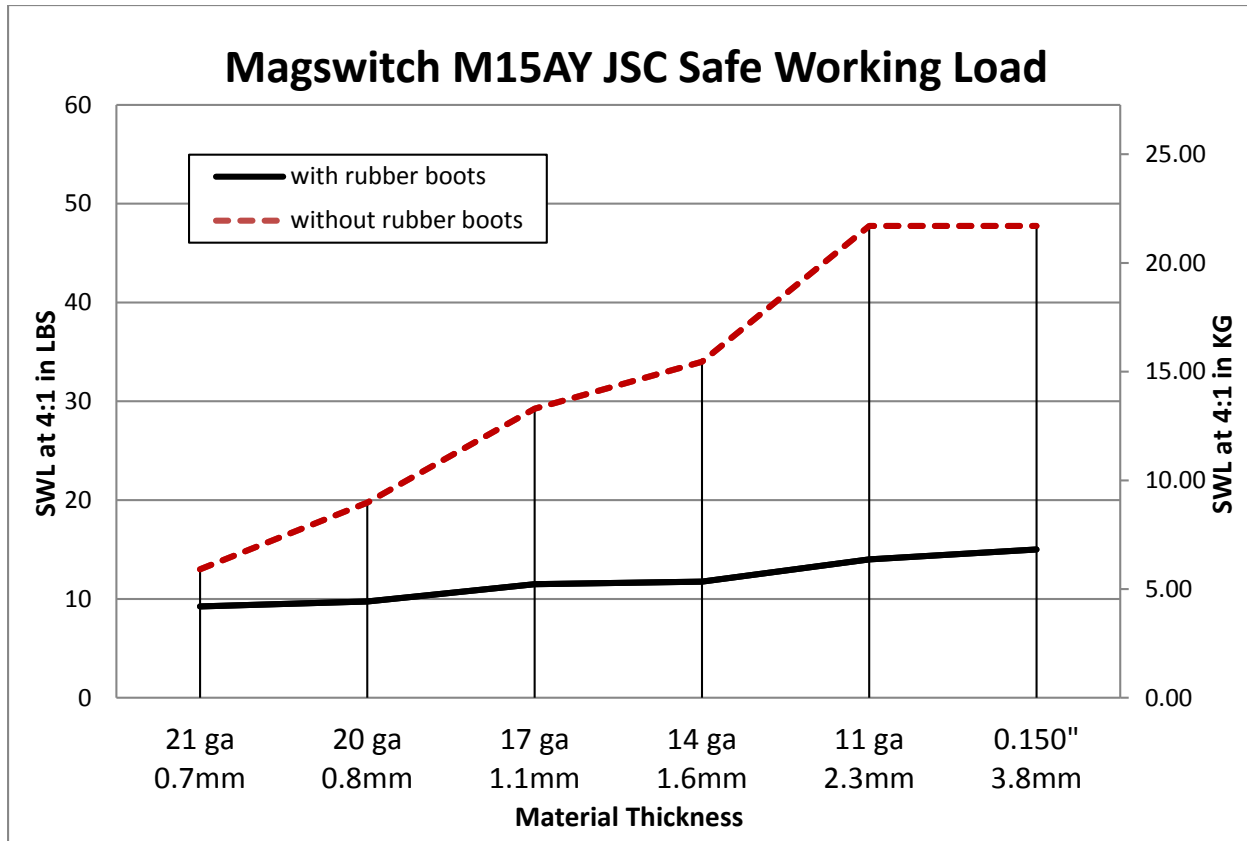


**WORKING SURFACE**



Part Number 110651  
Revision Date: May 29, 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.



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