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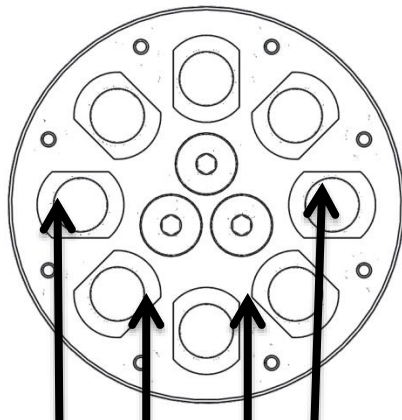
## Magswitch M10AY JSC

### P/N: 8140550

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**

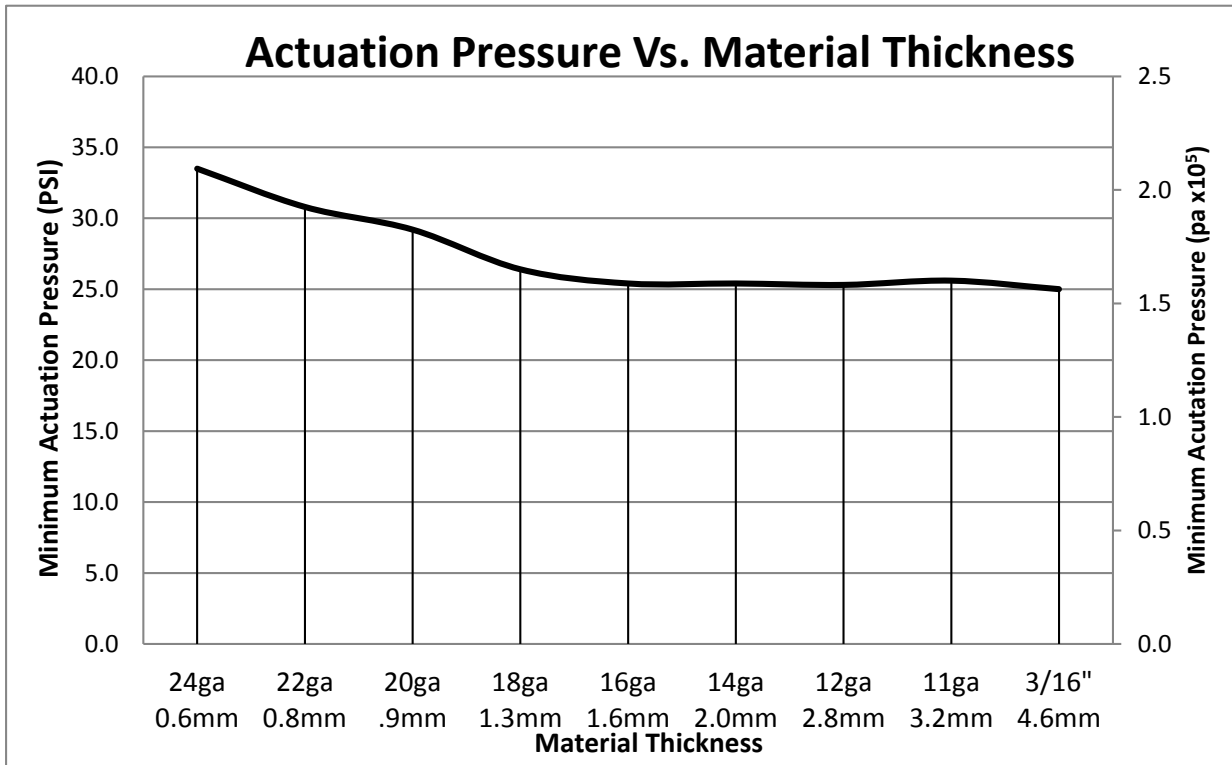
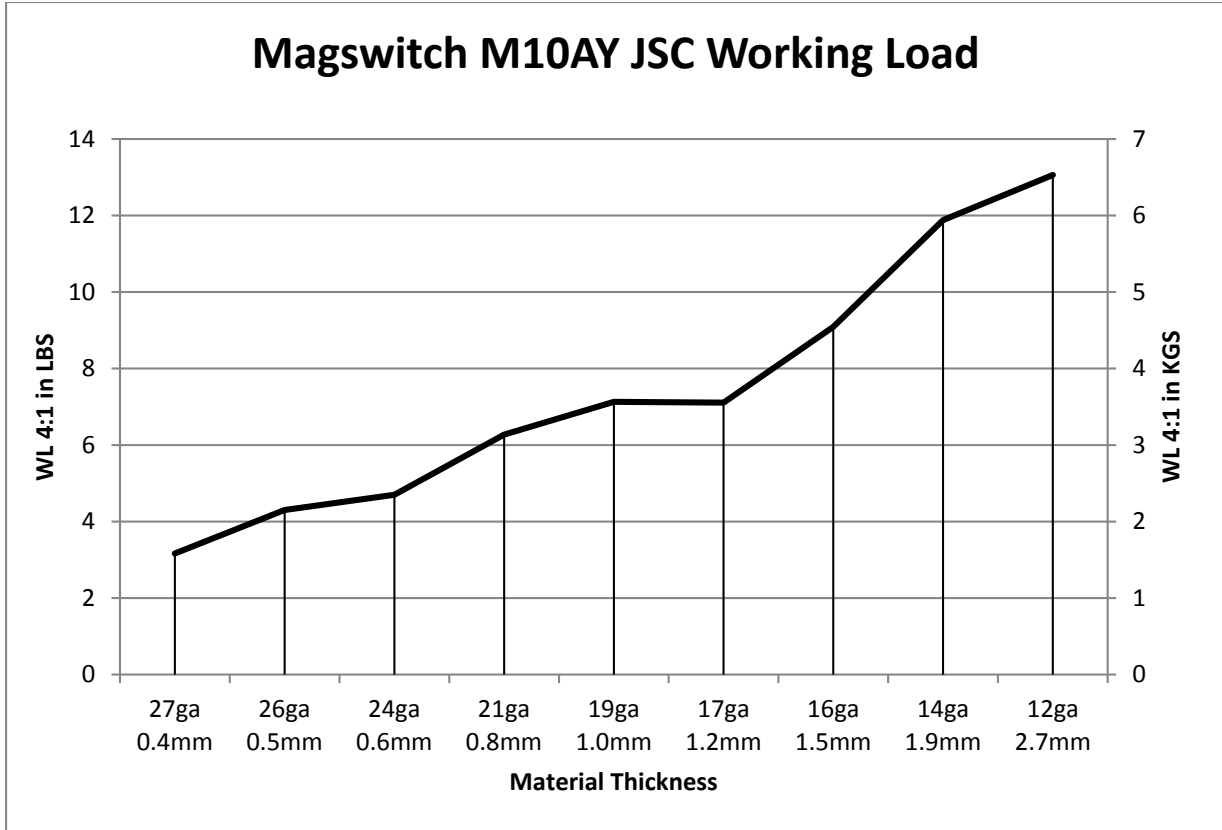


**WORKING SURFACE**

SPECIFICATIONS	
<b>P/N: 8140550 - MAGSWITCH M10AY JSC</b>	
Max Breakaway*	54.0 lbs/ 24.5kg
Working Load 4:1*	13.5 lbs/ 6.1kg
Full Saturation Thickness	14ga 1.9mm
Max Shear 2:1*	5.7 lbs/ 2.6kg
Minimum Thickness for De-Stack	14ga/ 1.9mm
Min Actuation Pressure	21 psi/1.4x10 <sup>5</sup> pa
Max Actuation Pressure	100 psi/6.9x10 <sup>5</sup> pa
Off Target Actuation Pressure	40 psi/2.7x10 <sup>5</sup> pa
Net Weight	1.0 lbs/0.45 kg
Air Port Thread	M5x0.8
Mounting Thread	M6x1.0
Overall Height	105.00 mm
Magnetic Pole Footprint	Ø56.5 mm

\* 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 110776  
Revision Date: March 12, 2014



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