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# Magswitch PLAY20x4

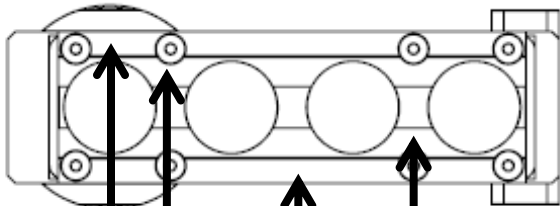
## P/N: 8140575

Magswitch LAY series utilizes field interaction between individual magnets to increase depth of field and spread the attractive force over a larger footprint. This allows for greater working loads and increased control over larger work pieces. With customizable pole shoes to fit almost any application, the LAY is a great all around tool that is perfect for picking pipe and round as well as large plate steel.



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

SPECIFICATIONS	
<b>P/N: 8140575 - MAGSWITCH PLAY20x4</b>	
Max Breakaway*	288.42 lbs/131.1kg
Working Load 4:1*	72.1 lbs/32.8kg
Full Saturation Thickness	3/8" / 9.5mm
Max Shear 2:1*	41.8 lbs/19.0 kg
Minimum Thickness for De-Stack	3/8" /9.5 mm
Min Actuation Pressure	30 psi/2.1x10 <sup>5</sup> pa
Max Actuation Pressure	145 psi/1.0x10 <sup>6</sup> pa
Off Target Pressure	56 psi/ 3.9x10 <sup>5</sup> pa
Volume of Actuator	15 cm <sup>3</sup>
Net Weight	2.62 lbs/1.19 kg
Air Port Thread	M5x0.8
Mounting Thread	M6x1.0, M5x0.8
Overall Height	134.75 mm
Magnetic Pole Footprint	96.2x31.12 mm



**WORKING SURFACE**



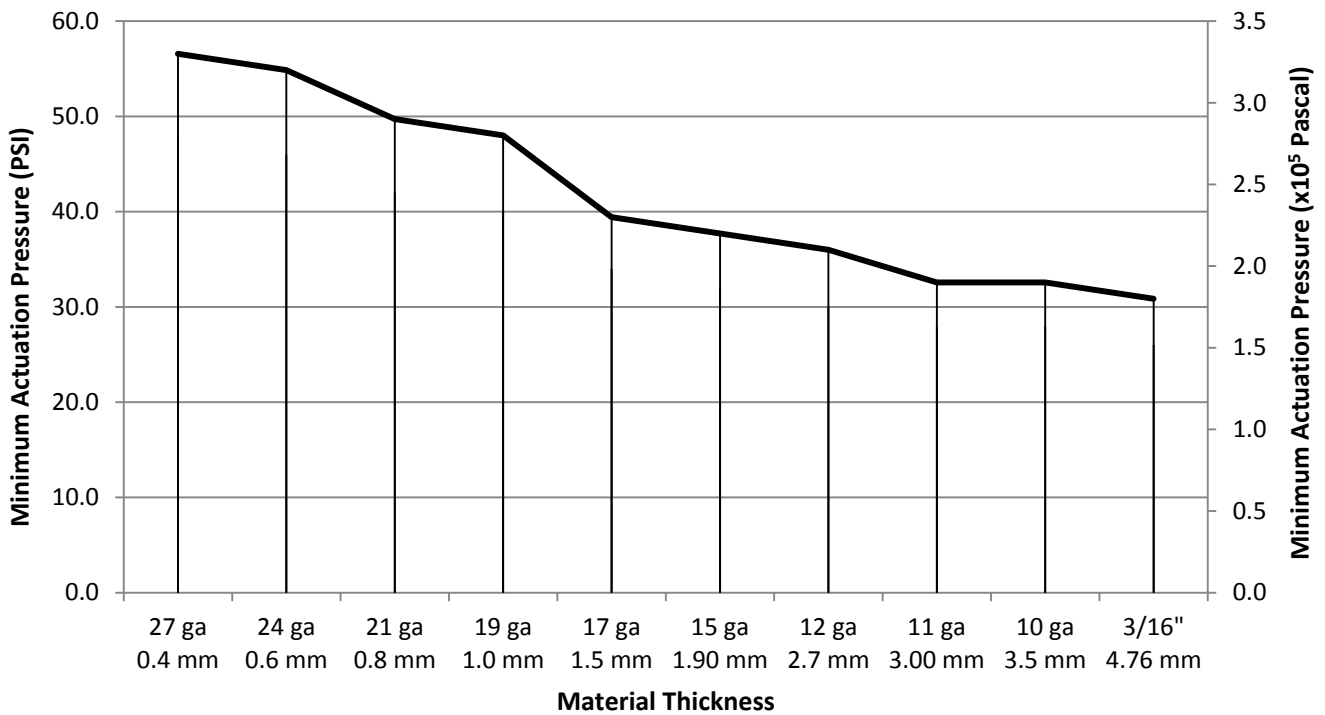
Part Number 110855  
 Revision Date: July 23, 2013

\* 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.

## Magswitch PLAY20x4 HDC Safe Working Load



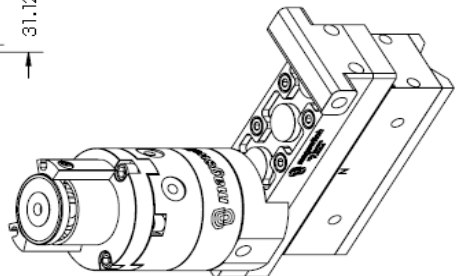
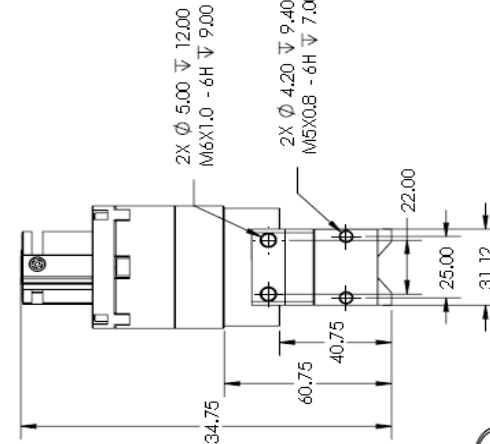
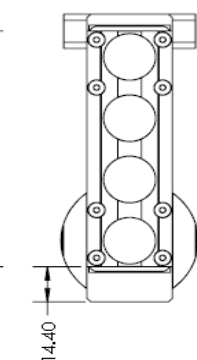
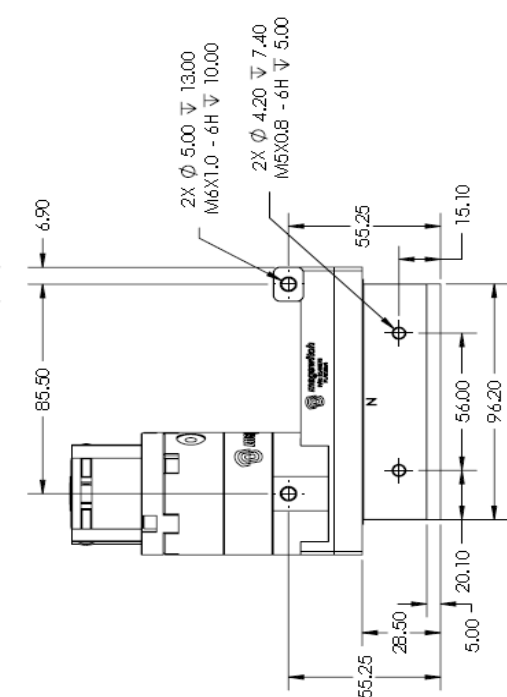
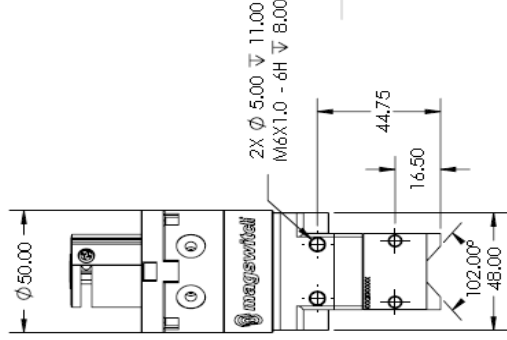
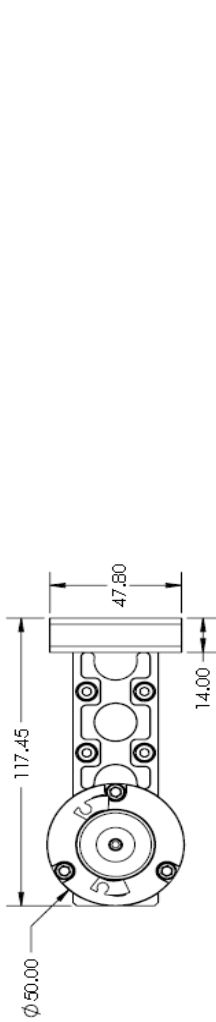
## Actuation Vs. Material Thickness



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Max Breakaway	131.1 kg / 288.4 lbs
Working Load 4:1	32.8 kg / 72.1 lbs
Optimum Material Thickness	3/8" / 9.53 mm



		<b>PLAY20x4</b>	
INTERPRET DRAWING PER: DRAWN ISO 2768-M DIMENSIONS ARE IN MILLIMETERS		DATE 7/23/2013	
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DO NOT SCALE		SEE CAGE CODE <b>B</b>	
PART ANGLE PROJECTION 		DWG. NO. <b>8140575</b>	
DO NOT SCALE		SCALE 3:5	
DO NOT SCALE		WEIGHT: 885.84 g	
DO NOT SCALE		SHEET 1 OF 1	

1 2 3 4 5 6



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