



Magswitch Technology, Inc.
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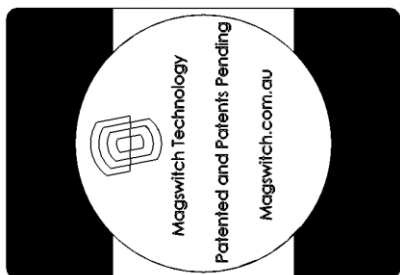
Magswitch MagSquare 600

P/N: 8100106

Welders and fabricators are raving about all the uses, convenience and time savings with Magswitch MagSquares. MagSquares are extremely powerful on off magnetic blocks with strong holding force available on all sides. Welders have never enjoyed this complete control over incredibly strong magnets (1,000 lbs (454 kg) on the MagSquare 1000). You can precisely position the MagSquare and material, and then turn the magnet on. MagSquares feature multi-plane workholding capability. It takes away the need for time consuming manual clamping on so many jobs, and works anywhere there is steel; you don't need an edge like you do with C-Clamps. All MagSquares are machined at 90 degrees, have pre tapped holes on all sides for mounting tools, jigs and fixtures. Fast 180 degree turn of the knob turns the MagSquare on and off. When off, nothing sticks to them. Once you understand all the uses, the time savings in set ups, and the ability to control these powerful magnetic blocks – you will want the entire range.



WARNING!
Do Not Operate Unless In
Contact With Ferrous Target



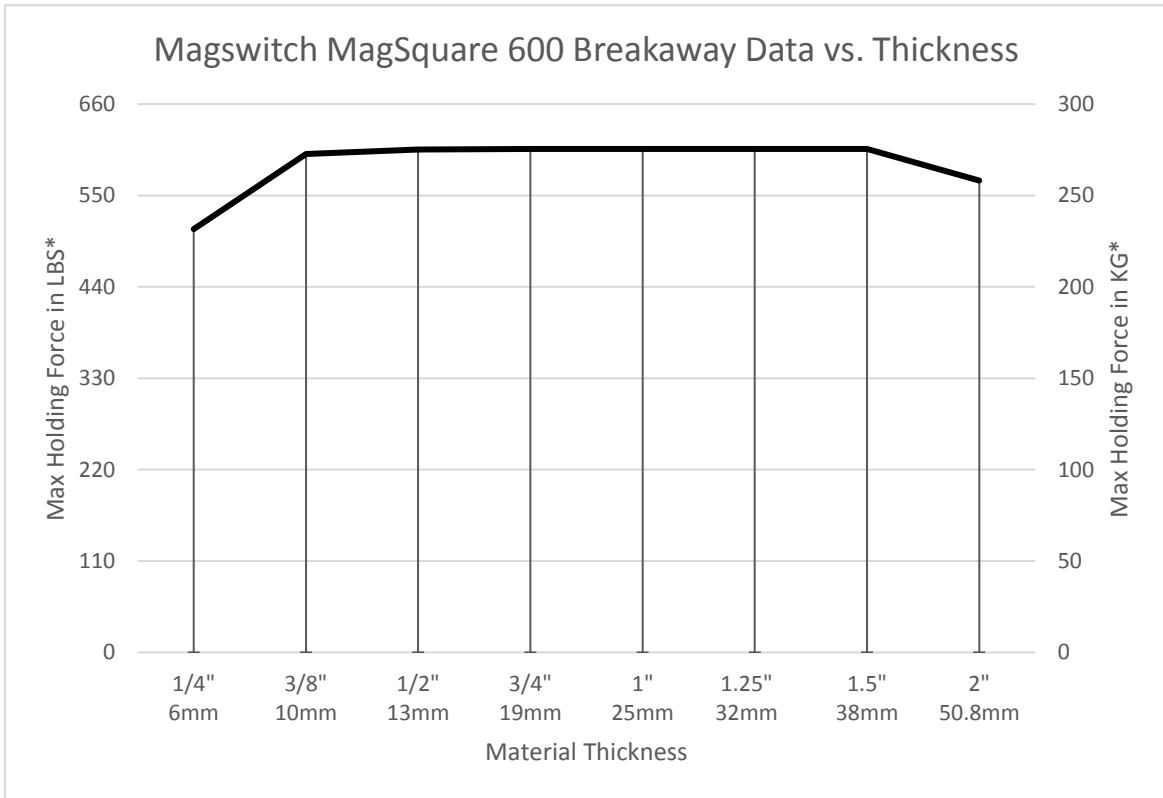
SPECIFICATIONS	
P/N: 810106 - MAGSWITCH MagSquare 600	
Max Breakaway*	600 lbs/272 kg
Full Saturation Thickness	3/8" / 10mm
2:1 Shear Working Load*	61 lbs/ 27 kg
Net Weight	3.0 lbs/1.36 kg
Overall Height	106 mm
Magnetic Pole Footprint	75mm x 51.5mm

WORKING SURFACE
BLACK=BEST



Part Number 110920
 Revision Date: August 19, 2016

* 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.

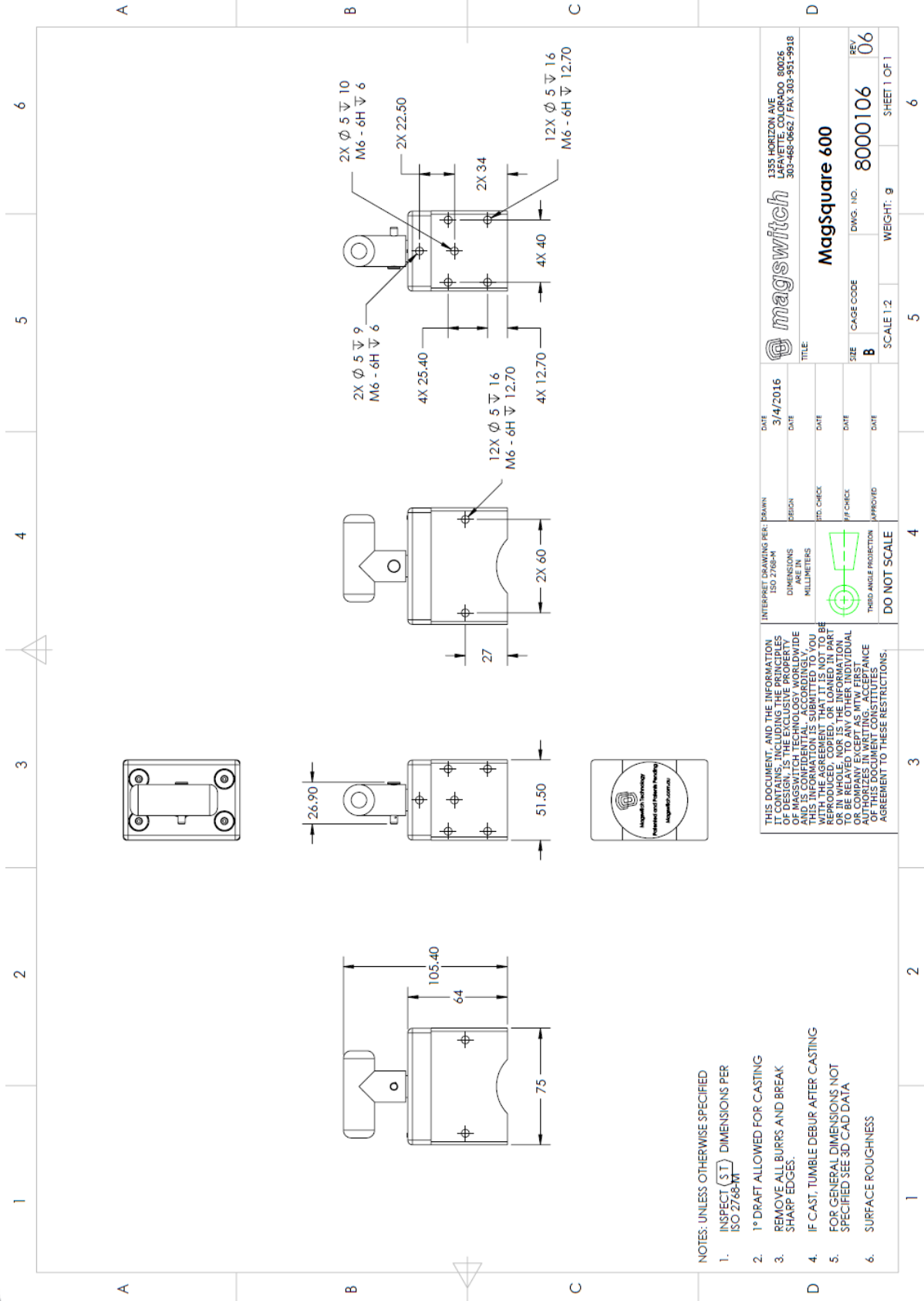


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- NOTES: UNLESS OTHERWISE SPECIFIED
1. INSPECT (S1) DIMENSIONS PER ISO 2768-MT
 2. 1° DRAFT ALLOWED FOR CASTING
 3. REMOVE ALL BURRS AND BREAK SHARP EDGES.
 4. IF CAST, TUMBLE DEBURR AFTER CASTING
 5. FOR GENERAL DIMENSIONS NOT SPECIFIED SEE 3D CAD DATA
 6. SURFACE ROUGHNESS

<p>THIS DOCUMENT, AND THE INFORMATION CONTAINED HEREIN, IS THE PROPERTY OF MAGSWITCH TECHNOLOGY WORLDWIDE AND IS CONFIDENTIAL. ACCORDINGLY, YOU WITH THE AGREEMENT THAT IT IS NOT TO BE REPRODUCED, COPIED, OR LOANED IN PART OR COMPANY EXCEPT AS MTW FIRST AUTHORIZES IN WRITING. ACCEPTANCE OF THIS DOCUMENT CONSTITUTES YOUR AGREEMENT TO THESE RESTRICTIONS.</p>	<p>INTERSECT DRAWING PER: DRAWN</p>	<p>DATE</p>	<p>DATE</p>
	<p>DIMENSIONS ARE IN MILLIMETERS</p>	<p>ISO CHECK</p>	<p>DATE</p>
<p>THIRD ANGLE PROJECTION</p>	<p>APPROVED</p>	<p>DATE</p>	<p>DATE</p>
<p>DO NOT SCALE</p>	<p>4</p>	<p>5</p>	<p>6</p>

<p>magswitch</p>	<p>1355 HORIZON AVE LAFAYETTE, COLORADO 80036 303-468-0627 / FAX: 303-951-9918</p>
<p>MagSquare 600</p>	<p>TITLE</p>
<p>SIZE: B</p>	<p>CASE CODE: 8000106</p>
<p>SCALE: 1:2</p>	<p>WEIGHT: g</p>
<p>REV: 06</p>	<p>SHEET 1 OF 1</p>