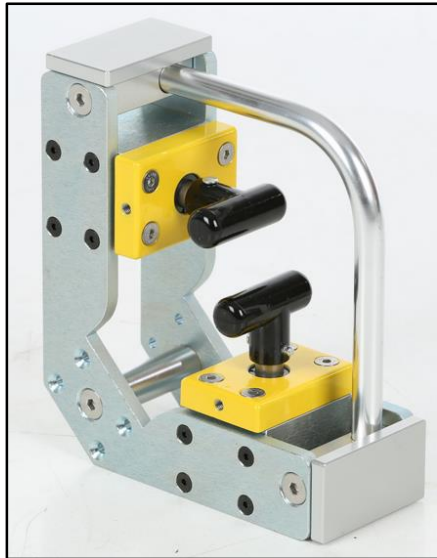




Maksimirska 100, Zagreb 10000
 tel: 01-2300-333; fax: 01-2300-222
 info@ami-lovrekovic.hr; www.ami-lovrekovic.hr

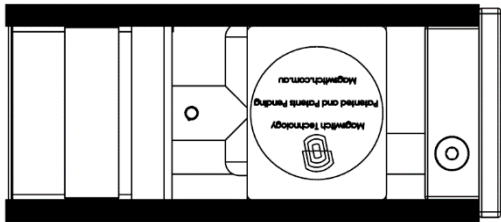
Magswitch 50mm 90 Degree Angle Stiffener Tool P/N: 8100961

Magswitch 90 degree Angle Stiffeners are one of the most compact, powerful, and versatile welding tools in the market. Featuring the benefits of Magswitch including incredible power and precision control, the Magswitch 90 degree angle stiffeners are easy to use, and can be used with larger and heavier steel. The side plate design allows the Magswitch 90 degree angle stiffeners to be used with various steel plate thicknesses of various sizes. The extra magnet mounting location at the corner allows to modify the location of the magnets to optimize holding for the desired application. A handle rod and end plates allow for ease of handling and positioning.



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

SPECIFICATIONS (Two 50mm Magnets)	
P/N: 8100961 - MAGSWITCH 50mm 90 Degree Angle Stiffener Tool	
Max Holding Force*	1200 lbs / 545.5 kg
Full Saturation Thickness	0.5 in / 12.7 mm
2:1 Shear Working Load*	120 lbs / 54.5 kg
Net Weight	9.9 lbs / 4.5 kg
Overall Height	183 mm
Magnetic Pole Footprint	80 mm x 141 mm; 80 mm x 166 mm



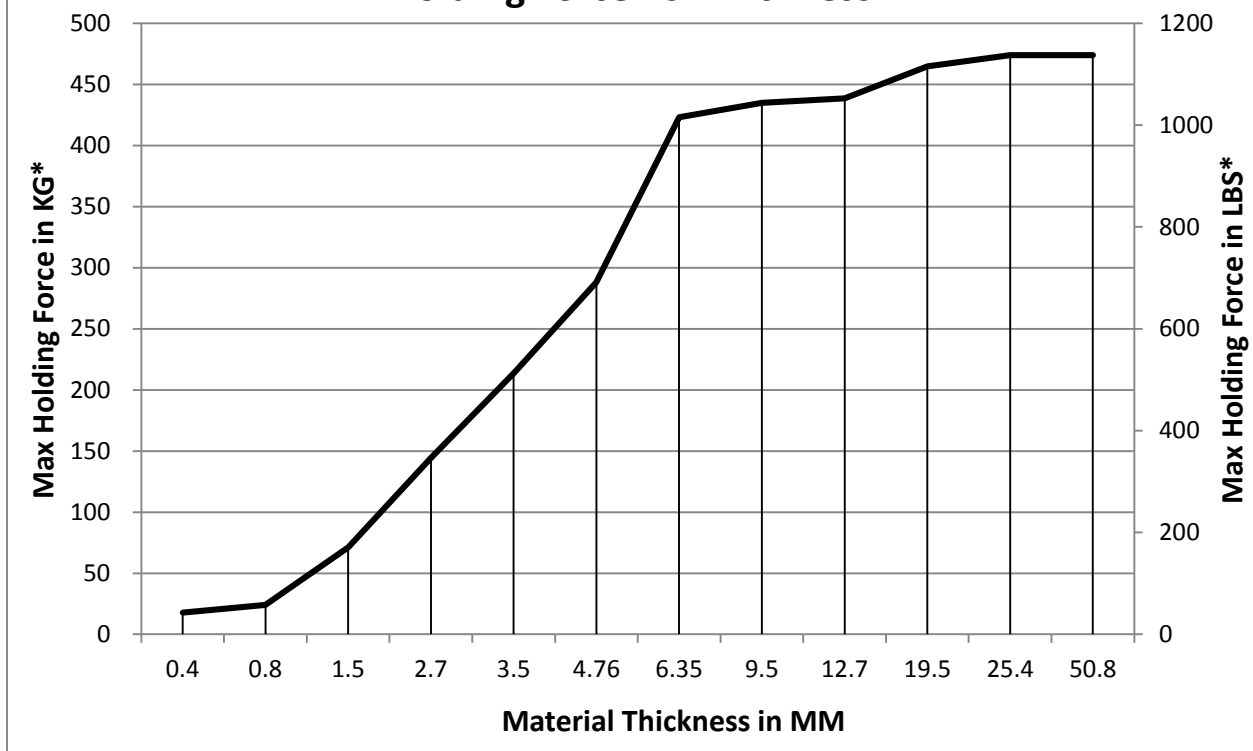
BLACK=WORKING SURFACE



Part Number 1101174
 Revision Date: Aug 24, 2015

* Max Holding Force 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.

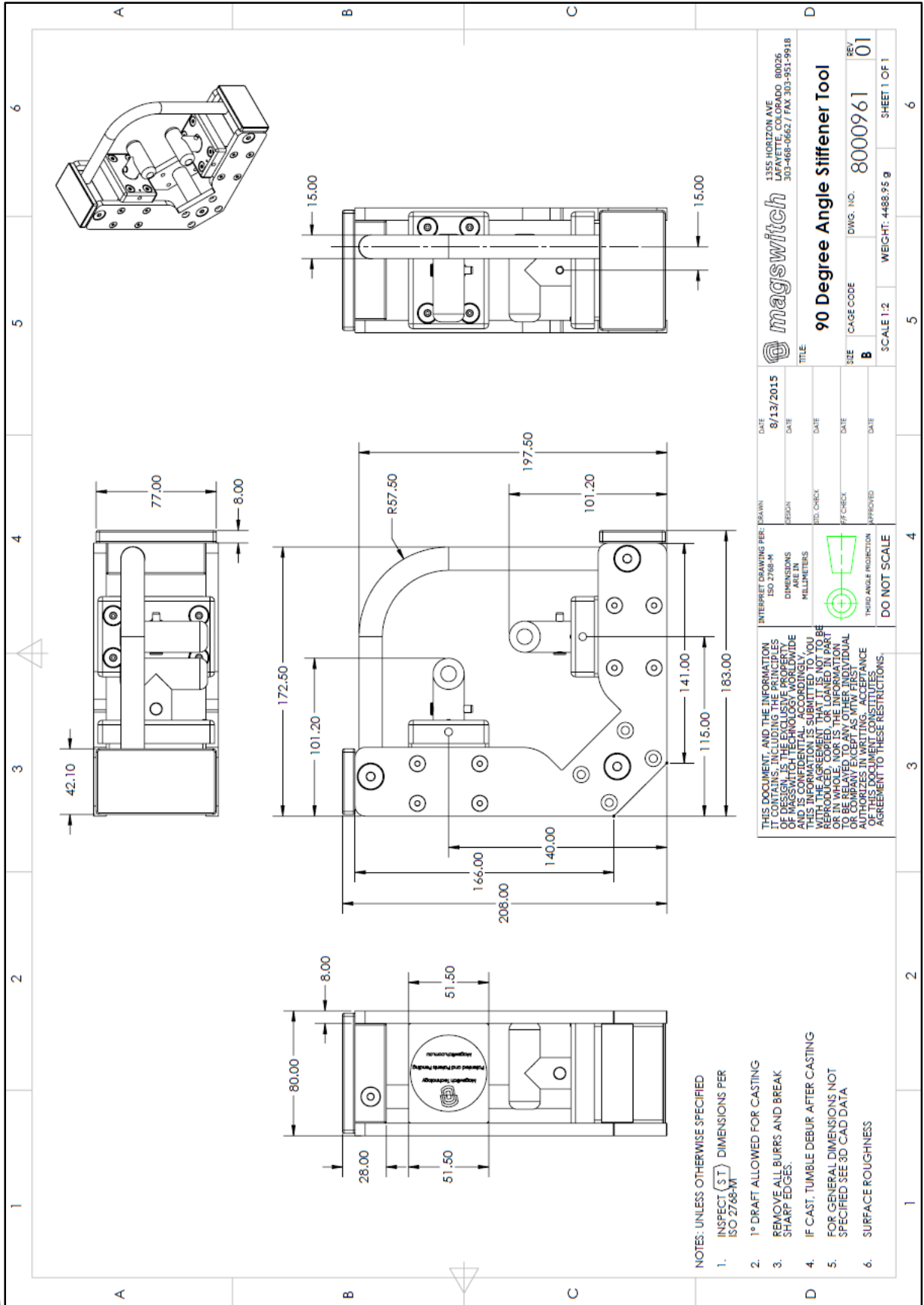
Magswitch 50mm 90 Degree Angle Stiffener Holding Force Vs. Thickness



NOTE: Depicted maximum holding force data reflects force of both magnets



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

DATE: 8/13/2015		DATE: _____		DATE: _____		DATE: _____		DATE: _____	
DESIGNER: _____		CHECKER: _____		APPROVER: _____		DATE: _____		DATE: _____	
DIMENSIONS ARE IN MILLIMETERS		THIRD ANGLE PROJECTION		DO NOT SCALE		SCALE 1:2		WEIGHT: 4488.95 g	
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CAGE CODE: _____		DWG. NO.: 8000961		SHEET 1 OF 1		SCALE 1:2		WEIGHT: 4488.95 g	



Part Number 1101174
Revision Date: Aug 24, 2015