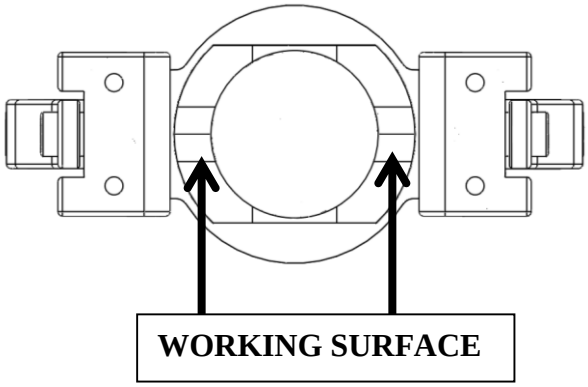
Magswitch Technology, Inc.
8774 Yates Dr. Suite 140
Westminster, CO 80031
Magswitch.com.au
303-468-0662

Magswitch Hand Lifter 60-M (Manual)
P/N: 8100359

The Magswitch Manual Hand Lifter 60-M adds safety and convenience to every workstation. The Magswitch Manual Hand Lifter 60-M lets you pick, place, slide, and reposition steel without using your fingers. No need to tough hot, sharp, or dirty steel. Ideal for small steel handling, dragging sheet, picking, placing and pulling parts out of burn table or handling scrap.

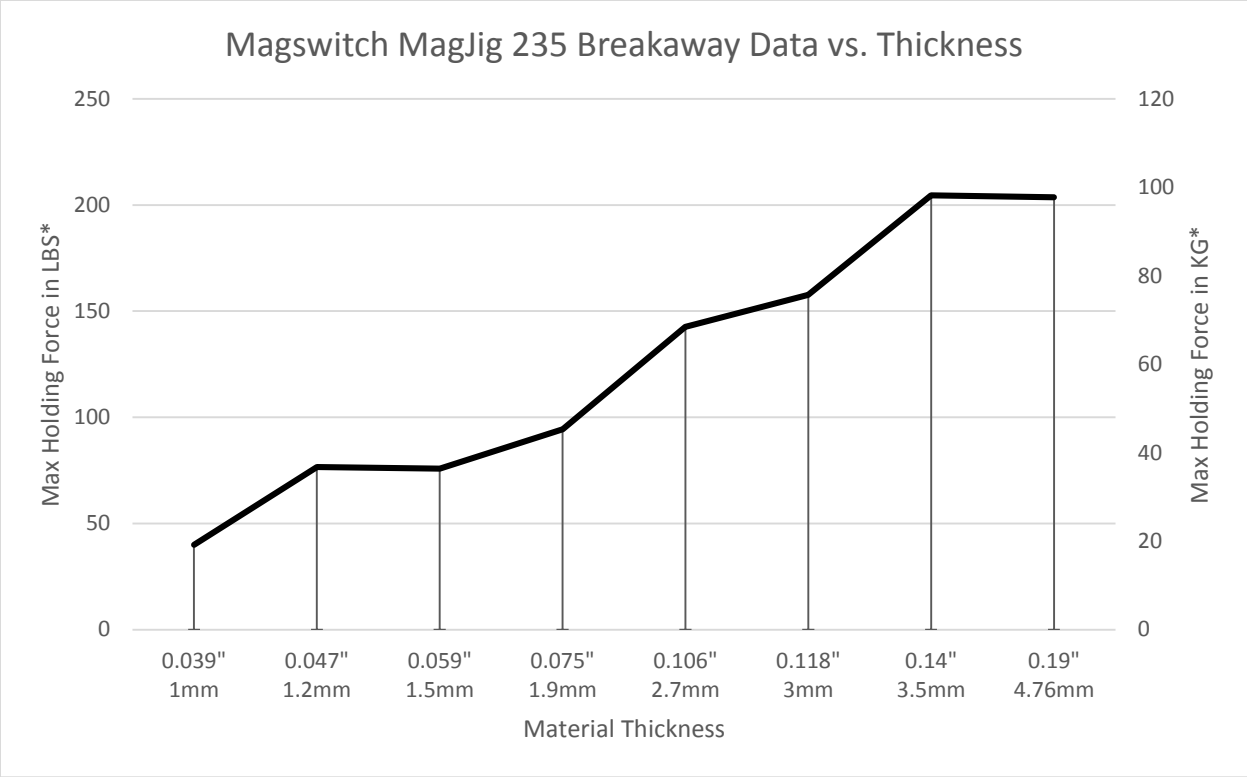
WARNING!
Do Not Operate Unless In Contact With Ferrous Target

SPECIFICATIONS	
P/N: 8100359 - MAGSWITCH Hand Lifter 60-M (Manual)	
Max Breakaway*	235 lbs/106 kg
Full Saturation Thickness	0.25” / 6 mm
2:1 Shear Working Load*	45 lbs/20 kg
Net Weight	1.3 lbs/0.6 kg
Overall Height	140 mm
Magnetic Pole Footprint	56mm x 41.25mm



* 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 110692
Revision Date: June 26, 2012


Magswitch MagJig 235 Breakaway Data vs. Thickness
Max Holding Force in LBS*
Max Holding Force in KG*
250
200
150
100
50
0
120
100
80
60
40
20
0
0.039" 1mm
0.047" 1.2mm
0.059" 1.5mm
0.075" 1.9mm
0.106" 2.7mm
0.118" 3mm
0.14" 3.5mm
0.19" 4.76mm
Material Thickness

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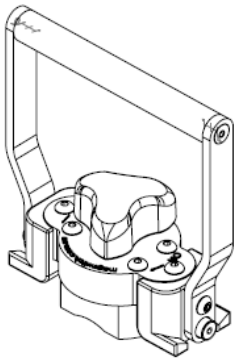
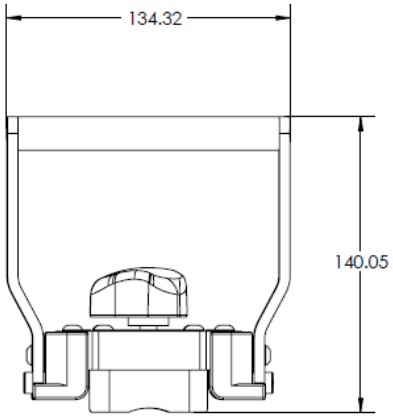
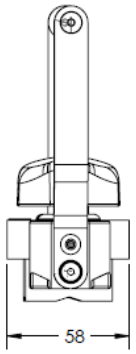




Leave Room Here for a rubber grip for the handle, up to 5mm off height, =total height 145mm



NOTES: UNLESS OTHERWISE SPECIFIED

1. INSPECT (S T) DIMENSIONS PER ANSI Z1.4, GIL I, AQL=.25
2. 1° DRAFT ALLOWED FOR CASTING
3. REMOVE ALL BURRS AND BREAK SHARP EDGES.
4. IF CAST, TUMBLE DEBUR AFTER CASTING
5. PACKAGE PARTS TO PREVENT DAMAGE FROM SHIPPING AND HANDLING.

Surface Finish:

TOLERANCES:
X. +/- 0.5
X.X +/- 0.25
X.XX +/- 0.10
X.XXX +/- 0.025
RADII = +/- 0.8MM
ANGLES = +/- 2 DEG.

MATERIAL:

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INTERPRET DRAWING PER: ANSI Y14.5M-1994

DIMENSIONS ARE IN MILLIMETERS

THIRD ANGLE PROJECTION

DO NOT SCALE

DRAWN	M.Bissonette	DATE 08/27/10
DESIGN		DATE
STD. CHECK		DATE
F/F CHECK		DATE
APPROVED		DATE

magswitch
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303-468-0662 / FAX 303-951-9918

TITLE:

40mm Hand Lifter

SIZE	CAGE CODE	DWG. NO.	REV
B		8000359	1

SCALE 1:2 | WEIGHT: g | SHEET 1 OF 1