



AT EVERY STEP OF THE WAY

MagMount 600

P/N: 8100580

Tool Features

The Magswitch MagMount is a single lever operation switchable magnet that allows for easy movement and placement of a tool. Each features multiple threaded holes for attaching fixtures and supporting loads. The flat working faces grip tightly on flat steel, while the curved surfaces contact round or uneven shapes.

WARNING!
DO NOT OPERATE UNLESS IN
CONTACT WITH FERROUS TARGET



Specifications

Maximum Breakaway Force ^{1,2,4}	521 lbs	236 kg
Maximum Shear ^{1,2,4}	104 lbs	47 kg
Full Saturation Thickness	3/8 in	9.5 mm
Overall Height (Max)	2.8 in	72.0 mm
Overall Length	5.2 in	132.9 mm
Overall Width	4.1 in	104.4 mm
Net Weight	3 lbs	2 kg
Magnetic Pole Footprint	3.0 x 2.0 in	75.0 x 51.5 mm

Material Thickness - mm (in)	0.4 (0.016)	0.8 (0.031)	1.5 (0.059)	2.7 (0.106)	3.5 (0.138)	4.76 (0.187)	6.35 (0.250)	9.5 (0.374)	12.7 (0.500)	19.5 (0.768)	25.4 (1.000)	50.8 (2.000)
Maximum Force ⁴ - kg (lbs)	8.9 (20)	12.1 (27)	35.7 (79)	72.2 (159)	106.8 (236)	144.0 (317)	211.5 (466)	217.5 (480)	219.3 (484)	232.3 (512)	237.0 (522)	237.0 (522)
Approx. Maximum Shear ⁴ - kg (lbs)	1.8 (4)	2.4 (5)	7.1 (16)	14.4 (32)	21.4 (47)	28.8 (63)	42.3 (93)	43.5 (96)	43.9 (97)	46.5 (102)	47.4 (104)	47.4 (104)

1. Determined in laboratory environment on 2" thick SAE1018 Steel with surface roughness 63 micro inches with optimized pole shoes. Many factors contribute to the actual breakaway force and safe working load in each application. Consult a Magswitch Applications Engineer and test the Magswitch in each application before deployment.

2. All data applies to unit with flat pole shoes installed.

3. Values may vary by +/- 5%.

4. Maximum forces listed above are not safe lifting forces. Designer must take into account safety factor when specifying tool. Magswitch recommends SWL = 5:1 for most applications.



Magswitch Technologies | 1000 S. McCaslin Blvd.
Suite 301 | Superior | Colorado 80027
+1 (303) 468.0662 | sales@magswitch.com

MSA Magnetics | 4 Prince of Wales Ave
Unanderra NSW | 2526 | +61 2 4272 8180
sales@msamagnetics.com.au

MAGMOUNT 600
8100580

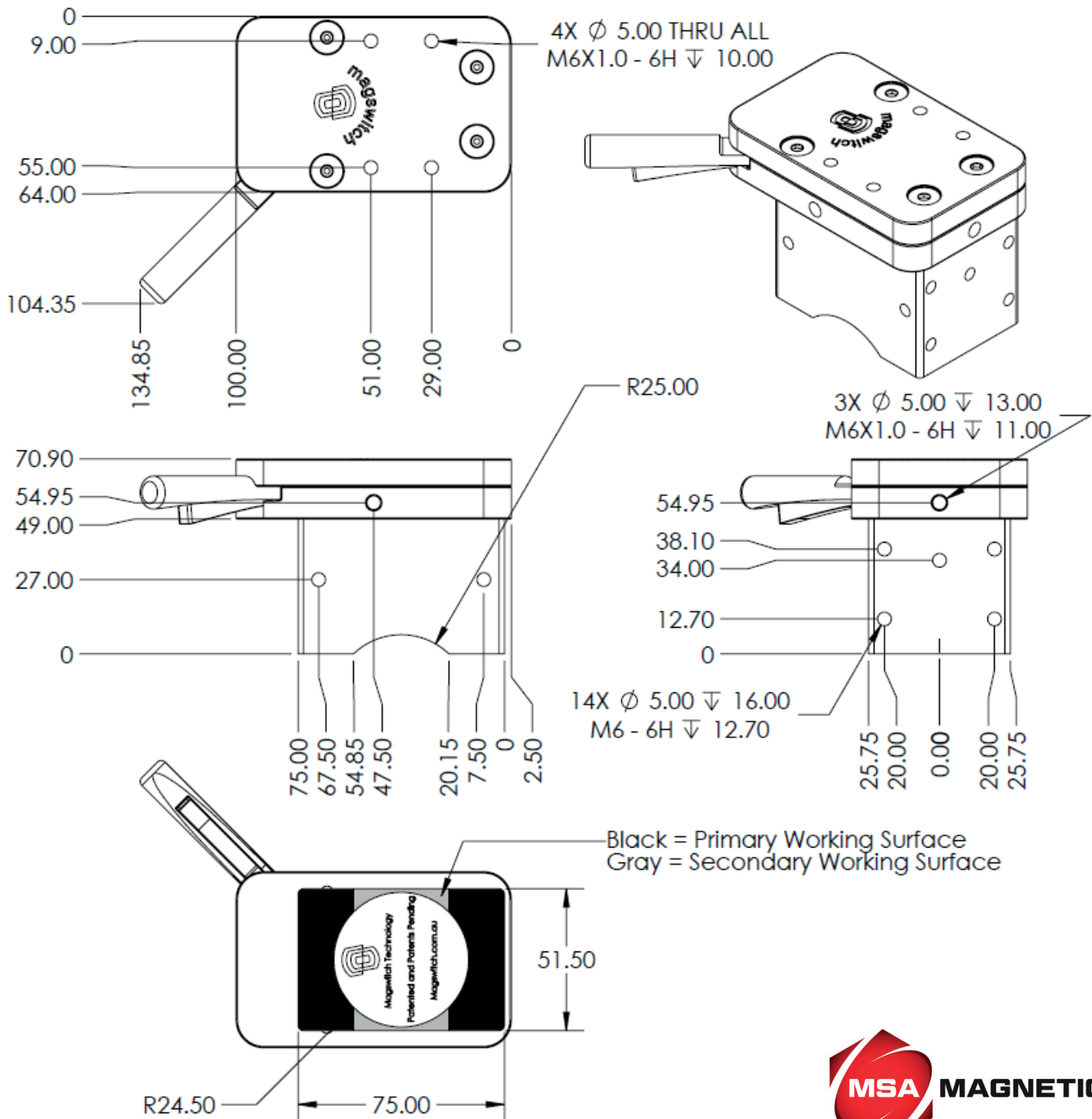
Doc Num 01

Subject to technical and color changes. No liability for errors and misprints assumed. © Magswitch Technologies 2024

MagMount 600

P/N: 8100580

Drawings



Magswitch Technologies | 1000 S. McCaslin Blvd.
Suite 301 | Superior | Colorado 80027
+1 (303) 468.0662 | sales@magswitch.com

MSA Magnetics | 4 Prince of Wales Ave
Unanderra NSW | 2526 | +61 2 4272 8180
sales@msamagnetics.com.au

MAGMOUNT 600
8100580

Doc Num 01

Subject to technical and color changes. No liability for errors and misprints assumed. © Magswitch Technologies 2024