

MAGMOUNT 150 GRIPRIGHT | P/N: 81001424

Summary

The Magswitch MagMount 150 GripRight switchable magnet secures fixtures, fences or jigs in place at a 90 degree angle to magnetic ferrous tables, e.g., bandsaw, drill press, etc. Rotate the knob to turn On/Off 145 pounds of magnetic hold force. Simply drill a 2 each 10-32 holes in your fixture or fence and attach with the enclosed hardware.



WARNING!

Do Not Operate Unless In Contact With Ferrous Target

Specifications

Nominal Maximum Breakaway Force ^{1,2,4}	145.5 lbs	66 kg
Nominal Maximum Shear ^{1,2,4}	21 lbs	9.5 kg
Full Saturation Thickness	1/4 in	6 mm
Overall Height (Max)	1.9 in	47.35 mm
Overall Length	2.3 in	57.35 mm
Overall Width	1.7 in	43.00 mm
Net Weight	0.5 lbs	0.23 kg
Magnetic Pole Footprint	1.57x1.22 in	40x31 mm

Material Thickness	0.5	1.0	2.0	3.0	4.0	5.0	6.0	50.0
- mm (in)	(0.020)	(0.039)	(0.079)	(0.118)	(0.157)	(0.197)	(0.236)	(1.969)
Maximum Force ⁴	8.5	22.6	43.2	58.8	62.5	64.8	66.1	66.3
- kg (lbs)	(19)	(50)	(95)	(130)	(138)	(143)	(146)	(146)

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.

Product Dimensions
