



'MIGHTY MICRO' ELECTROMAGNET

Ambient 32⁰ C. Magnet pre-heated on 12v. DC for 5 minutes with no heat-sinking

Note: not guaranteed performance figures.

	Breakaway Load Kgs No air-gap	Breakaway Load Kgs 0.8 mm air-gap	Breakaway Load Kgs 1.6 mm air-gap	Slide Test Kgs Face Contact
0.53 mm Black cold-rolled Mild Steel	2.3			0.5
1.19 mm Black cold-rolled Mild Steel	6.8	0.5		3.8
1.98 mm Black cold-rolled Mild Steel	18	1.8		6.2
2.98 mm Black cold-rolled Mild Steel	25	2.3		7
4.9 mm Black cold-rolled Mild Steel	25	2.3		14
12.7 mm Black hot-rolled Mild Steel	24*	2.8		9*

Tests conducted with typical production unit. Some variation in results can be expected consistent with normal machining and coil-winding tolerances during production.

* Low reading due to surface texture of steel
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