



# MBA

## Magnets - Rare Earth - Plated

Incredibly strong attraction and repulsion. Neodymium-Iron-Boron encased in nickel jackets to protect the brittle magnet material and prevent corrosion.

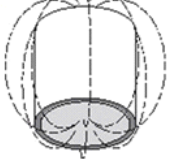
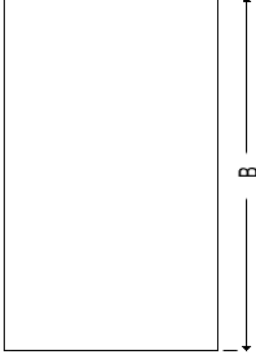
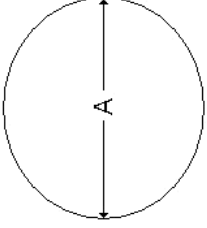
High strength to weight ratios.

Commonly used in miniature applications such as linear actuators, sensing applications, gyroscopes, flow meters, recording devices, pacemakers and alternators.

Temperature range -73 Deg C to 93 Deg C.

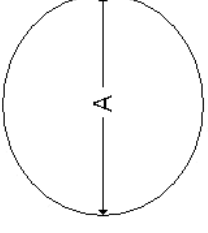
Size tolerances +/- 0.13

Cylinder Style



Magnetic Field runs through the flat ends

Disk Style



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Part Number	Shape	Diameter (A) x Thickness (B) mm <i>inches</i>	Type	Approx Max. Pull kg
# MAG-442RS	Disk	3.05 x 1.52mm	Neodymium 40	0.22
MAG-400RS	Disk	3.05 x 1.52mm	Neodymium 35	0.02
# MAG-402RS	Disk	4.76 x 1.52mm	Neodymium 35	0.03

# Indicates item not stocked at time of printing - Please enquire for lead time

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Part Number	Shape	Diameter (A) x Thickness (B) mm <i>inches</i>	Type	Approx Max. Pull kg
# MAG-550RS	Disk	4.76 x 1.52mm	Neodymium 50	0.58
# MAG-444RS	Disk	4.76 x 1.52mm	Neodymium 40	0.4
# MAG-450RS	Cylinder	5.59 x 12.7mm	Neodymium 40	1.34
# MAG-404RS	Disk	5.59 x 2.54mm	Neodymium 35	0.62
# MAG-446RS	Disk	5.59 x 2.54mm	Neodymium 40	0.76
# MAG-552RS	Disk	5.59 x 2.54mm	Neodymium 50	1.03
# MAG-406RS	Cylinder	5.59 x 6.35mm	Neodymium 35	0.94
# MAG-408RS	Cylinder	5.59 x 12.7mm	Neodymium 35	1.07
# MAG-410RS	Disk	6.35 x 2.54mm	Neodymium 35	0.71
# MAG-460RS	Cylinder	6.35 x 12.7mm	Neodymium 40	1.7
# MAG-454RS	Disk	6.35 x 3.18mm	Neodymium 40	1.03
# MAG-556RS	Disk	6.35 x 6.35mm	Neodymium 50	1.96
# MAG-504RS	Cylinder	6.35 x 6.35mm	Neodymium 35	1.03
# MAG-412RS	Disk	6.35 x 3.18mm	Neodymium 35	0.8

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# MAG-458RS	Cylinder	6.35 x 6.35mm	Neodymium 40	1.43
# MAG-414RS	Disk	6.35 x 5.08mm	Neodymium 35	1.03
# MAG-452RS	Disk	6.35 x 2.54mm	Neodymium 40	0.89
MAG-506RS	Cylinder	6.35 x 12.7mm	Neodymium 35	1.34
# MAG-554RS	Disk	6.35 x 2.54mm	Neodymium 50	1.21
# MAG-456RS	Disk	6.35 x 5.08mm	Neodymium 40	1.34
# MAG-462RS	Disk	8.13 x 6.35mm	Neodymium 40	2.19
# MAG-415RS	Disk	8.13 x 6.35mm	Neodymium 35	1.7
# MAG-508RS	Disk	9.52 x 6.35mm	Neodymium 35	2.32
# MAG-466RS	Disk	9.52 x 2.54mm	Neodymium 40	1.38
# MAG-420RS	Disk	9.52 x 3.18mm	Neodymium 35	1.34
# MAG-470RS	Disk	9.52 x 6.35mm	Neodymium 40	2.72
# MAG-422RS	Cylinder	9.52 x 9.52mm	Neodymium 35	2.59
# MAG-472RS	Cylinder	9.52 x 12.7mm	Neodymium 40	3.53

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# MAG-418RS	Disk	9.52 x 2.54mm	Neodymium 35	1.12
# MAG-558RS	Disk	9.52 x 2.54mm	Neodymium 50	1.88
# MAG-464RS	Disk	9.52 x 1.52mm	Neodymium 40	0.76
# MAG-416RS	Disk	9.52 x 1.52mm	Neodymium 35	1.7
# MAG-468RS	Disk	9.52 x 3.18mm	Neodymium 40	1.7
# MAG-510RS	Cylinder	9.52 x 12.70mm	Neodymium 35	3.08
LM1622	Disk	10.0 x 3.0mm	Neodymium 35	
MAG-560RS	Disk	12.7 x 6.35mm	Neodymium 50	5.67
# MAG-432RS	Disk	12.7 x 9.52mm	Neodymium 35	4.06
# MAG-514RS	Cylinder	12.7 x 12.7mm	Neodymium 35	4.69
MAG-428RS	Disk	12.7 x 4.76mm	Neodymium 35	2.63
# MAG-474RS	Disk	12.7 x 1.52mm	Neodymium 40	0.94
# MAG-424RS	Disk	12.7 x 1.52mm	Neodymium 35	0.71
# MAG-478RS	Disk	12.7 x 6.35mm	Neodymium 40	4.15

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# MAG-476RS	Disk	12.7 x 5.08mm	Neodymium 40	3.53
# MAG-426RS	Disk	12.7 x 3.18mm	Neodymium 35	1.83
# MAG-480RS	Disk	12.7 x 9.52mm	Neodymium 40	5.18
# MAG-430RS	Disk	12.7 x 5.08mm	Neodymium 35	2.77
# MAG-512RS	Disk	12.7 x 6.35mm	Neodymium 35	3.66
LM1652	Cylindrical	19 x 28.2mm	Neodymium 35	
# MAG-516RS	Disk	19.05 x 9.52mm	Neodymium 35	9.38
# MAG-438RS	Disk	19.05 x 12.7mm	Neodymium 35	8.66
# LM1618	Disk	25.0 x 5.0mm	Neodymium 35	
# MAG-524RS	Disk	25.4 x 12.7mm	Neodymium 35	15.36
MAG-440RS	Disk	25.4 x 4.76mm	Neodymium 35	5.22
# MAG-522RS	Disk	25.4 x 6.35mm	Neodymium 35	8.08
# LM1620	Disk	35.0 x 5.0mm	Neodymium 35	

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