



Magnets - Rare Earth - Plated

9/4/2018

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INFORMATION

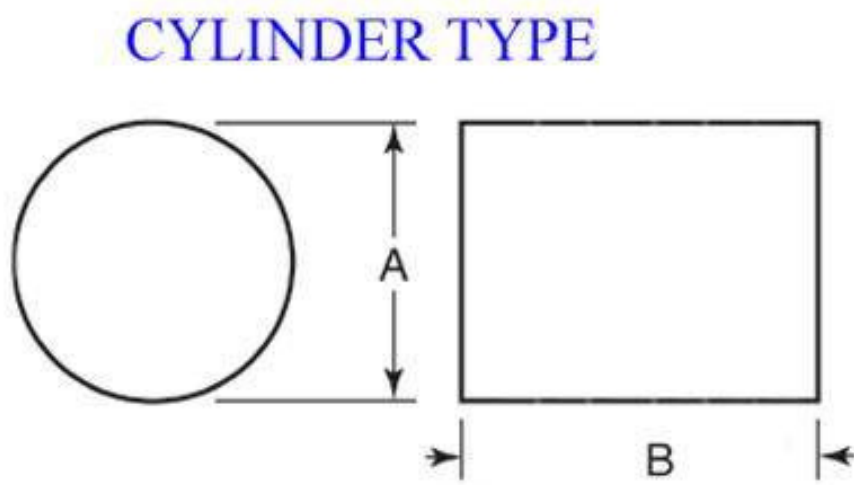
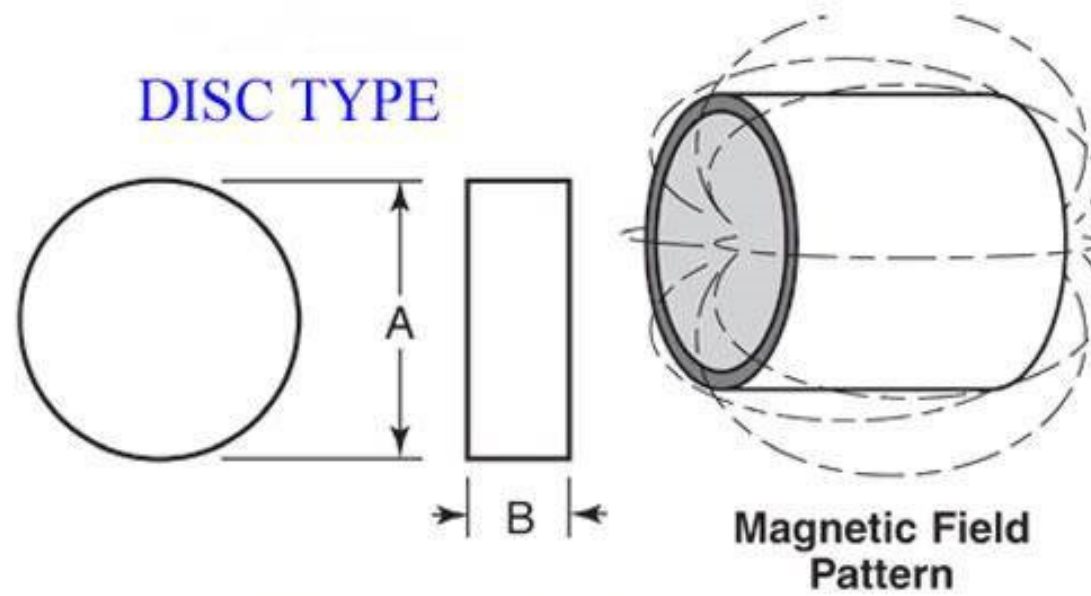
Incredibly strong attraction and repulsion. Neodymium-Iron-Boron encased in nickel jackets to protect the brittle magnet material and prevent corrosion.

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°C to 93°C .

Size tolerances ± 0.13



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Part Number	Diameter (A) mm <i>inches</i>	Thickness / Length (B) mm <i>inches</i>	Type	Basic Shape	Approx Max. Pull kg
MAG-D-03-002-N40	3.05 <i>0.120</i>	1.52 <i>0.060</i>	Neodymium 40	Disk	0.22
MAG-D-03-002-N35	3.05 <i>0.120</i>	1.52 <i>0.060</i>	Neodymium 35	Disk	0.02
MAG-D-05-002-N40	4.76 <i>0.187</i>	1.52 <i>0.060</i>	Neodymium 40	Disk	0.4
MAG-D-05-002-N50	4.76 <i>0.187</i>	1.52 <i>0.060</i>	Neodymium 50	Disk	0.58
MAG-D-05-002-N35	4.76 <i>0.187</i>	1.52 <i>0.060</i>	Neodymium 35	Disk	0.03
MAG-D-06-003-N50	5.59 <i>0.220</i>	2.54 <i>0.100</i>	Neodymium 50	Disk	1.03
MAG-D-06-003-N40	5.59 <i>0.220</i>	2.54 <i>0.100</i>	Neodymium 40	Disk	0.76
MAG-D-06-003-N35	5.59 <i>0.220</i>	2.54 <i>0.100</i>	Neodymium 35	Disk	0.62
MAG-D-06-006-N35	5.59 <i>0.220</i>	6.35 <i>0.250</i>	Neodymium 35	Cylinder	0.94
MAG-D-06-013-N35	5.59 <i>0.220</i>	12.7 <i>0.500</i>	Neodymium 35	Cylinder	1.07

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Part Number	Diameter (A) mm <i>inches</i>	Thickness / Length (B) mm <i>inches</i>	Type	Basic Shape	Approx Max. Pull kg
# MAG-D-06-013-N40	5.59 <i>0.220</i>	12.7 <i>0.500</i>	Neodymium 40	Cylinder	1.34
# MAG-D-07-002-N40	6.35 <i>0.250</i>	2.54 <i>0.100</i>	Neodymium 40	Disk	0.89
# MAG-D-07-002-N50	6.35 <i>0.250</i>	2.54 <i>0.100</i>	Neodymium 50	Disk	1.21
MAG-D-07-002-N35	6.35 <i>0.250</i>	2.54 <i>0.100</i>	Neodymium 35	Disk	0.71
# MAG-D-07-003-N40	6.35 <i>0.250</i>	3.18 <i>0.125</i>	Neodymium 40	Disk	1.03
MAG-D-07-003-N35	6.35 <i>0.250</i>	3.18 <i>0.125</i>	Neodymium 35	Disk	0.8
# MAG-D-07-005-N40	6.35 <i>0.250</i>	5.08 <i>0.200</i>	Neodymium 40	Disk	1.34
MAG-D-07-005-N35	6.35 <i>0.250</i>	5.08 <i>0.200</i>	Neodymium 35	Disk	1.03
MAG-D-07-006-N35	6.35 <i>0.250</i>	6.35 <i>0.250</i>	Neodymium 35	Cylinder	1.03
MAG-D-07-006-N40	6.35 <i>0.250</i>	6.35 <i>0.250</i>	Neodymium 40	Cylinder	1.43

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# MAG-D-07-006-N50	6.35 <i>0.250</i>	6.35 <i>0.250</i>	Neodymium 50	Disk	1.96
# MAG-D-07-013-N40	6.35 <i>0.250</i>	12.7 <i>0.500</i>	Neodymium 40	Cylinder	1.7
MAG-D-07-013-N35	6.35 <i>0.250</i>	12.7 <i>0.500</i>	Neodymium 35	Cylinder	1.34
MAG-D-08-006-N35	8.13 <i>0.320</i>	6.35 <i>0.250</i>	Neodymium 35	Disk	1.7
MAG-D-09-001-N40	9.52 <i>0.375</i>	1.52 <i>0.060</i>	Neodymium 40	Disk	0.76
MAG-D-09-001-N35	9.52 <i>0.375</i>	1.52 <i>0.060</i>	Neodymium 35	Disk	1.7
MAG-D-09-002-N35	9.52 <i>0.375</i>	2.54 <i>0.100</i>	Neodymium 35	Disk	1.12
# MAG-D-09-003-N50	9.52 <i>0.375</i>	2.54 <i>0.100</i>	Neodymium 50	Disk	1.88
# MAG-D-09-002-N40	9.52 <i>0.375</i>	2.54 <i>0.100</i>	Neodymium 40	Disk	1.38
# MAG-D-09-003-N40	9.52 <i>0.375</i>	3.18 <i>0.125</i>	Neodymium 40	Disk	1.7

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Part Number	Diameter (A) mm <i>inches</i>	Thickness / Length (B) mm <i>inches</i>	Type	Basic Shape	Approx Max. Pull kg
MAG-D-09-003-N35	9.52 <i>0.375</i>	3.18 <i>0.125</i>	Neodymium 35	Disk	1.34
# MAG-D-09-006-N40	9.52 <i>0.375</i>	6.35 <i>0.250</i>	Neodymium 40	Disk	2.72
# MAG-D-09-006-N35	9.52 <i>0.375</i>	6.35 <i>0.250</i>	Neodymium 35	Disk	2.32
MAG-D-09-010-N35	9.52 <i>0.375</i>	9.52 <i>0.375</i>	Neodymium 35	Cylinder	2.59
# MAG-D-09-013-N35	9.52 <i>0.375</i>	12.7 <i>0.500</i>	Neodymium 35	Cylinder	3.08
# MAG-D-09-013-N40	9.52 <i>0.375</i>	12.7 <i>0.500</i>	Neodymium 40	Cylinder	3.53
MAG-D-10-003-N35	10.0 <i>0.394</i>	3.00 <i>0.118</i>	Neodymium 35	Disk	
MAG-D-13-002-N35	12.7 <i>0.500</i>	1.52 <i>0.060</i>	Neodymium 35	Disk	0.71
# MAG-D-13-002-N40	12.7 <i>0.500</i>	1.52 <i>0.060</i>	Neodymium 40	Disk	0.94
MAG-D-13-003-N35	12.7 <i>0.500</i>	3.18 <i>0.125</i>	Neodymium 35	Disk	1.83

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MAG-D-13-004-N35	12.7 <i>0.500</i>	4.76 <i>0.187</i>	Neodymium 35	Disk	2.63
MAG-D-13-005-N35	12.7 <i>0.500</i>	5.08 <i>0.200</i>	Neodymium 35	Disk	2.77
# MAG-D-13-005-N40	12.7 <i>0.500</i>	5.08 <i>0.200</i>	Neodymium 40	Disk	3.53
MAG-D-13-006-N50	12.7 <i>0.500</i>	6.35 <i>0.250</i>	Neodymium 50	Disk	5.67
MAG-D-13-006-N35	12.7 <i>0.500</i>	6.35 <i>0.250</i>	Neodymium 35	Disk	3.66
# MAG-D-13-006-N40	12.7 <i>0.500</i>	6.35 <i>0.250</i>	Neodymium 40	Disk	4.15
# MAG-D-13-010-N40	12.7 <i>0.500</i>	9.52 <i>0.375</i>	Neodymium 40	Disk	5.18
MAG-D-13-010-N35	12.7 <i>0.500</i>	9.52 <i>0.375</i>	Neodymium 35	Disk	4.06
MAG-D-13-013-N35	12.7 <i>0.500</i>	12.7 <i>0.500</i>	Neodymium 35	Cylinder	4.69
MAG-D-19-028-N35	19.0 <i>0.748</i>	28.2 <i>1.110</i>	Neodymium 35	Cylinder	

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# MAG-D-19-010-N35	19.05 <i>0.750</i>	9.52 <i>0.375</i>	Neodymium 35	Disk	9.38
MAG-D-19-013-N35	19.05 <i>0.750</i>	12.7 <i>0.500</i>	Neodymium 35	Disk	8.66
# MAG-D-25-005-N35	25.0 <i>0.984</i>	5.0 <i>0.197</i>	Neodymium 35	Disk	
MAG-D-25-004-N35	25.4 <i>1.000</i>	4.76 <i>0.187</i>	Neodymium 35	Disk	5.22
# MAG-D-25-006-N35	25.4 <i>1.000</i>	6.35 <i>0.250</i>	Neodymium 35	Disk	8.08
# MAG-D-25-013-N35	25.4 <i>1.000</i>	12.7 <i>0.500</i>	Neodymium 35	Disk	15.36

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