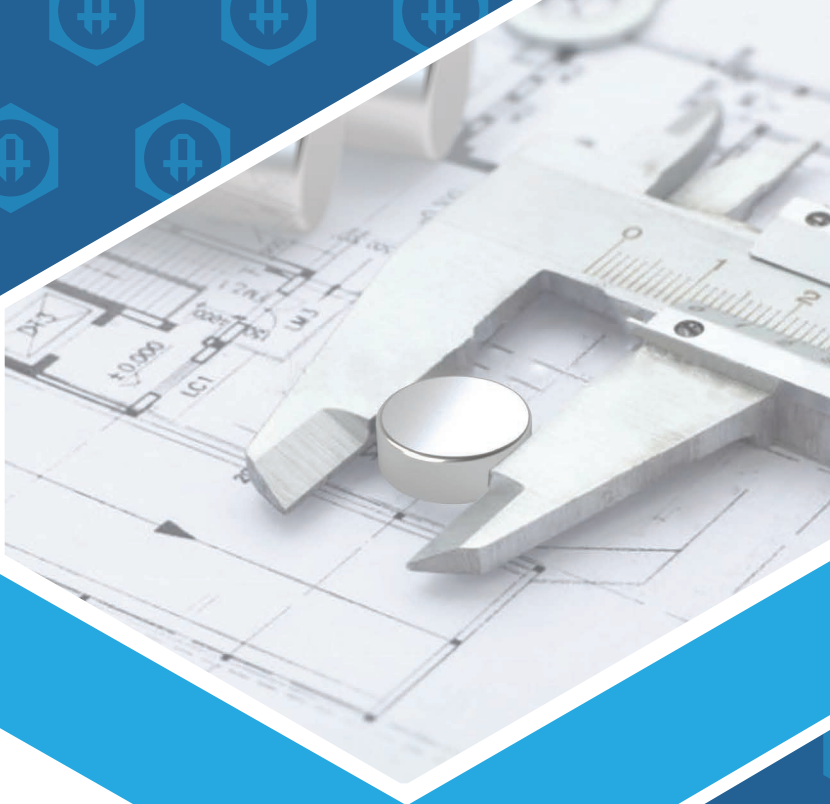

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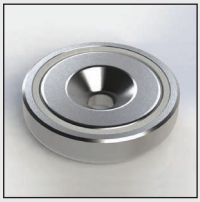
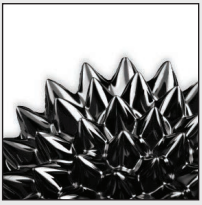
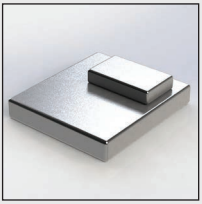
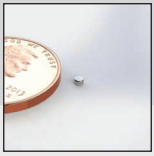
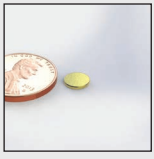








Neodymium Disc Magnets

Disc magnets have a diameter greater than their thickness.
If you are looking for a longer rod shaped magnet, see Rod Magnets on pages 4-5.

Definitions:

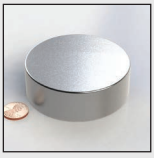
Adhesive Backing (-MOUNT) | Pole Marked (-M) | Axially Magnetized | Diametrically Magnetized

Grade determines strength, temperature resistance, and durability.
Read more on page 21

Plating protects the magnet from harsh environments.
Read more on page 25

Item Code	Thickness	Diameter	Magnetized	Grade	Plating
D021-063	0.021"	0.0625"	Axially	N50	Nickel (Ni-Cu-Ni)
D032-063	0.03125"	0.0625"	Axially	N48	Nickel (Ni-Cu-Ni)
D032A	0.03125"	0.125"	Axially	N48	Nickel (Ni-Cu-Ni)
D032A1	0.03125"	0.15625"	Axially	N40	Nickel (Ni-Cu-Ni)
D032A2	0.03125"	0.1875"	Axially	N45	Nickel (Ni-Cu-Ni)
D032AN45	0.03125"	0.125"	Axially	N45	Nickel (Ni-Cu-Ni)
D032B	0.03125"	0.25"	Axially	N45	Nickel (Ni-Cu-Ni)
D032B-AU	0.03125"	0.25"	Axially	N45	Gold (Ni-Cu-Ni-Au)
D032B-N52	0.03125"	0.25"	Axially	N52	Nickel (Ni-Cu-Ni)
D032B2	0.03125"	0.3125"	Axially	N40	Nickel (Ni-Cu-Ni)
D032C	0.03125"	0.375"	Axially	N40	Nickel (Ni-Cu-Ni)
D032C-N42	0.03125"	0.375"	Axially	N42	Nickel (Ni-Cu-Ni)
D032C2	0.03125"	0.4375"	Axially	N40	Nickel (Ni-Cu-Ni)
D032D	0.03125"	0.5"	Axially	N40	Nickel (Ni-Cu-Ni)
D032D2	0.03125"	0.5625"	Axially	N40	Nickel (Ni-Cu-Ni)
D032E	0.03125"	0.625"	Axially	N40	Nickel (Ni-Cu-Ni)
D032F	0.03125"	0.75"	Axially	N40	Nickel (Ni-Cu-Ni)
D032F-M	0.03125"	0.75"	Axially	N40	Nickel (Ni-Cu-Ni)
D032H	0.03125"	1"	Axially	N40	Nickel (Ni-Cu-Ni)
D040A	0.04"	0.125"	Axially	N40	Nickel (Ni-Cu-Ni)
D040A-AU	0.04"	0.125"	Axially	N40	Gold (Ni-Cu-Ni-Au)
D040B	0.04"	0.25"	Axially	N45	Nickel (Ni-Cu-Ni)
D040B-BN	0.04"	0.25"	Axially	N40	Black Nickel (Ni-Cu-BN)
D040D	0.04"	0.5"	Axially	N40	Nickel (Ni-Cu-Ni)
D063A	0.0625"	0.125"	Axially	N40	Nickel (Ni-Cu-Ni)
D063A-AU	0.0625"	0.125"	Axially	N40	Gold (Ni-Cu-Ni-Au)
D063A-N52	0.0625"	0.125"	Axially	N52	Nickel (Ni-Cu-Ni)
D063A1	0.0625"	0.15625"	Axially	N40	Nickel (Ni-Cu-Ni)
D063A1-N52	0.0625"	0.15625"	Axially	N52	Nickel (Ni-Cu-Ni)
D063A2	0.0625"	0.1875"	Axially	N40	Nickel (Ni-Cu-Ni)
D063A2-N45	0.0625"	0.1875"	Axially	N45	Nickel (Ni-Cu-Ni)
D063B	0.0625"	0.25"	Axially	N40	Nickel (Ni-Cu-Ni)
D063B-AU	0.0625"	0.25"	Axially	N40	Gold (Ni-Cu-Ni-Au)
D063B-N52	0.0625"	0.25"	Axially	N52	Nickel (Ni-Cu-Ni)
D063B2	0.0625"	0.3125"	Axially	N40	Nickel (Ni-Cu-Ni)
D063B2-AU	0.0625"	0.3125"	Axially	N40	Gold (Ni-Cu-Ni-Au)
D063C	0.0625"	0.375"	Axially	N40	Nickel (Ni-Cu-Ni)
D063CN52	0.0625"	0.375"	Axially	N52	Nickel (Ni-Cu-Ni)
D063C2	0.0625"	0.4375"	Axially	N40	Nickel (Ni-Cu-Ni)

Item Code	Thickness	Diameter	Magnetized	Grade	Plating
D063D	0.0625”	0.5”	Axially	N40	Nickel (Ni-Cu-Ni)
D063D-M	0.0625”	0.5”	Axially	N40	Nickel (Ni-Cu-Ni)
D063D-MOUNT	0.0625”	0.5”	Axially	N40	Nickel (Ni-Cu-Ni)
D063D-N35	0.0625”	0.5”	Axially	N35	Nickel (Ni-Cu-Ni)
D063E	0.0625”	0.625”	Axially	N40	Nickel (Ni-Cu-Ni)
D063E-M	0.0625”	0.625”	Axially	N40	Nickel (Ni-Cu-Ni)
D063F	0.0625”	0.75”	Axially	N40	Nickel (Ni-Cu-Ni)
D063F-MOUNT	0.0625”	0.75”	Axially	N40	Nickel (Ni-Cu-Ni)
D063H	0.0625”	1”	Axially	N40	Nickel (Ni-Cu-Ni)
D063H-M	0.0625”	1”	Axially	N40	Nickel (Ni-Cu-Ni)
D094A	0.09375”	0.125”	Axially	N40	Nickel (Ni-Cu-Ni)
D094A1	0.09375”	0.15625”	Axially	N40	Nickel (Ni-Cu-Ni)
D094A2	0.09375”	0.1875”	Axially	N40	Nickel (Ni-Cu-Ni)
D094B	0.09375”	0.25”	Axially	N40	Nickel (Ni-Cu-Ni)
D094B-BE	0.09375”	0.25”	Axially	N40	Black Epoxy (Ni-Cu-BE)
D094B-M	0.09375”	0.25”	Axially	N40	Nickel (Ni-Cu-Ni)
D094B2	0.09375”	0.3125”	Axially	N40	Nickel (Ni-Cu-Ni)
D094C	0.09375”	0.375”	Axially	N40	Nickel (Ni-Cu-Ni)
D094C2	0.09375”	0.4375”	Axially	N40	Nickel (Ni-Cu-Ni)
D094D	0.09375”	0.5”	Axially	N40	Nickel (Ni-Cu-Ni)
D094E	0.09375”	0.625”	Axially	N40	Nickel (Ni-Cu-Ni)
D094F	0.09375”	0.75”	Axially	N40	Nickel (Ni-Cu-Ni)
D094H	0.09375”	1”	Axially	N40	Nickel (Ni-Cu-Ni)
D125A1	0.125”	0.15625”	Axially	N40	Nickel (Ni-Cu-Ni)
D125A2	0.125”	0.1875”	Axially	N40	Nickel (Ni-Cu-Ni)
D125A2-DM	0.125”	0.1875”	Diametrically	N40	Nickel (Ni-Cu-Ni)
D125B	0.125”	0.25”	Axially	N40	Nickel (Ni-Cu-Ni)
D125B-40M	0.125”	0.25”	Axially	40M	Nickel (Ni-Cu-Ni)
D125B-M	0.125”	0.25”	Axially	N40	Nickel (Ni-Cu-Ni)
D125BN45	0.125”	0.25”	Axially	N45	Nickel (Ni-Cu-Ni)
D125B2	0.125”	0.3125”	Axially	N40	Nickel (Ni-Cu-Ni)
D125C	0.125”	0.375”	Axially	N40	Nickel (Ni-Cu-Ni)
D125C2	0.125”	0.4375”	Axially	N40	Nickel (Ni-Cu-Ni)
D125D	0.125”	0.5”	Axially	N40	Nickel (Ni-Cu-Ni)
D125D-DM	0.125”	0.5”	Diametrically	N40	Nickel (Ni-Cu-Ni)
D125DN45	0.125”	0.5”	Axially	N45	Nickel (Ni-Cu-Ni)
D125DN50	0.125”	0.5”	Axially	N50	Nickel (Ni-Cu-Ni)
D125E	0.125”	0.625”	Axially	N40	Nickel (Ni-Cu-Ni)
D125F	0.125”	0.75”	Axially	N40	Nickel (Ni-Cu-Ni)
D125H	0.125”	1”	Axially	N40	Nickel (Ni-Cu-Ni)
D188B	0.1875”	0.25”	Axially	N40	Nickel (Ni-Cu-Ni)
D188B2	0.1875”	0.3125”	Axially	N40	Nickel (Ni-Cu-Ni)
D188C	0.1875”	0.375”	Axially	N40	Nickel (Ni-Cu-Ni)
D188C-M	0.1875”	0.375”	Axially	N40	Nickel (Ni-Cu-Ni)
D188C2	0.1875”	0.4375”	Axially	N40	Nickel (Ni-Cu-Ni)
D188D	0.1875”	0.5”	Axially	N40	Nickel (Ni-Cu-Ni)
D188D-N35	0.1875”	0.5”	Axially	N35	Nickel (Ni-Cu-Ni)
D188E	0.1875”	0.625”	Axially	N40	Nickel (Ni-Cu-Ni)
D188F	0.1875”	0.75”	Axially	N40	Nickel (Ni-Cu-Ni)
D188F-M	0.1875”	0.75”	Axially	N40	Nickel (Ni-Cu-Ni)
D188H	0.1875”	1”	Axially	N40	Nickel (Ni-Cu-Ni)
D250B2	0.25”	0.3125”	Axially	N40	Nickel (Ni-Cu-Ni)
D250C	0.25”	0.375”	Axially	N40	Nickel (Ni-Cu-Ni)
D250C-M	0.25”	0.375”	Axially	N40	Nickel (Ni-Cu-Ni)



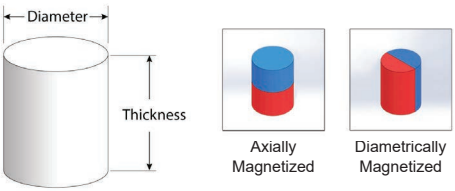
Neodymium Disc Magnets

Disc magnets have a diameter greater than their thickness.
If you are looking for a longer, rod shaped magnet, see Rod Magnets on pages 4-5.

Item Code	Thickness	Diameter	Magnetized	Grade	Plating
D250D	0.25”	0.5”	Axially	N40	Nickel (Ni-Cu-Ni)
D250DN45	0.25”	0.5”	Axially	N45	Nickel (Ni-Cu-Ni)
D250E	0.25”	0.625”	Axially	N42	Nickel (Ni-Cu-Ni)
D250F	0.25”	0.75”	Axially	N40	Nickel (Ni-Cu-Ni)
D250H	0.25”	1”	Axially	N40	Nickel (Ni-Cu-Ni)
D250P	0.25”	2”	Axially	N40	Nickel (Ni-Cu-Ni)
D250X	0.25”	3”	Axially	N40	Nickel (Ni-Cu-Ni)
D250-5000	0.25”	5”	Axially	N40	Nickel (Ni-Cu-Ni)
D250-6000	0.25”	6”	Axially	N40	Nickel (Ni-Cu-Ni)
D375D	0.375”	0.5”	Axially	N40	Nickel (Ni-Cu-Ni)
D375H	0.375”	1”	Axially	N40	Nickel (Ni-Cu-Ni)
D500F	0.5”	0.75”	Axially	N40	Nickel (Ni-Cu-Ni)
D500H	0.5”	1”	Axially	N40	Nickel (Ni-Cu-Ni)
D500K	0.5”	1.375”	Axially	N40	Nickel (Ni-Cu-Ni)
D500L	0.5”	1.5”	Axially	N40	Nickel (Ni-Cu-Ni)
D500P	0.5”	2”	Axially	N40	Nickel (Ni-Cu-Ni)
D500X	0.5”	3”	Axially	N40	Nickel (Ni-Cu-Ni)
D750L	0.75”	1.5”	Axially	N40	Nickel (Ni-Cu-Ni)
D1000P	1”	2”	Axially	N40	Nickel (Ni-Cu-Ni)
D1000X	1”	3”	Axially	N40	Nickel (Ni-Cu-Ni)
D2000X	2”	3”	Axially	N40	Nickel (Ni-Cu-Ni)

Neodymium Rod Magnets

Rod magnets are longer and have a thickness greater than or equal to their diameter. If you are looking for a thin flat magnet, see Disc Magnets on pages 2-4.

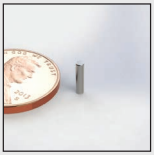


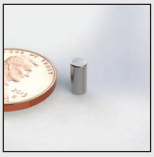
Grade determines strength, temperature resistance, and durability.
Read more on page 21

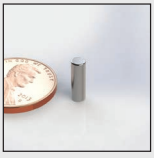
Plating protects the magnet from harsh environments.
Read more on page 25

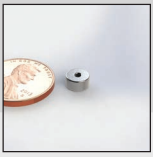
Item Code	Thickness	Diameter	Magnetized	Grade	Plating
R063-063	0.0625”	0.0625”	Axially	N40	Nickel (Ni-Cu-Ni)
R063-063-DM	0.0625”	0.0625”	Diametrically	N40	Nickel (Ni-Cu-Ni)
R094-094	0.09375”	0.09375”	Axially	N40	Nickel (Ni-Cu-Ni)
R125-063	0.125”	0.0625”	Axially	N40	Nickel (Ni-Cu-Ni)
R125-094	0.125”	0.09375”	Axially	N40	Nickel (Ni-Cu-Ni)
R125A	0.125”	0.125”	Axially	N40	Nickel (Ni-Cu-Ni)
R125A-DM	0.125”	0.125”	Diametrically	N40	Nickel (Ni-Cu-Ni)
R156A1	0.15625”	0.15625”	Axially	N40	Nickel (Ni-Cu-Ni)

Item Code	Thickness	Diameter	Magnetized	Grade	Plating
R156A1-DM	0.15625”	0.15625”	Diametrically	N40	Nickel (Ni-Cu-Ni)
R160A-40H	0.16”	0.125”	Axially	40H	Nickel (Ni-Cu-Ni)
R188A	0.1875”	0.125”	Axially	N40	Nickel (Ni-Cu-Ni)
R188A1	0.1875”	0.15625”	Axially	N40	Nickel (Ni-Cu-Ni)
R188A2	0.1875”	0.1875”	Axially	N40	Nickel (Ni-Cu-Ni)
R250-063	0.25”	0.0625”	Axially	N40	Nickel (Ni-Cu-Ni)
R250-063-DM	0.25”	0.0625”	Diametrically	N40	Nickel (Ni-Cu-Ni)
R250A	0.25”	0.125”	Axially	N40	Nickel (Ni-Cu-Ni)
R250A1	0.25”	0.15625”	Axially	N40	Nickel (Ni-Cu-Ni)
R250A1-DM	0.25”	0.15625”	Diametrically	N40	Nickel (Ni-Cu-Ni)
R250A2	0.25”	0.1875”	Axially	N40	Nickel (Ni-Cu-Ni)
R250A2-BE	0.25”	0.1875”	Axially	N40	Black Epoxy (Ni-Cu-BE)
R250B	0.25”	0.25”	Axially	N40	Nickel (Ni-Cu-Ni)
R250B40SH	0.25”	0.25”	Axially	40SH	Nickel (Ni-Cu-Ni)
R250B-DM	0.25”	0.25”	Diametrically	N40	Nickel (Ni-Cu-Ni)
R250B-M	0.25”	0.25”	Axially	N40	Nickel (Ni-Cu-Ni)
R250BN45	0.25”	0.25”	Axially	N45	Nickel (Ni-Cu-Ni)
R375-063	0.375”	0.0625”	Axially	N40	Nickel (Ni-Cu-Ni)
R375A	0.375”	0.125”	Axially	N40	Nickel (Ni-Cu-Ni)
R375A1	0.375”	0.15625”	Axially	N40	Nickel (Ni-Cu-Ni)
R375A2	0.375”	0.1875”	Axially	N40	Nickel (Ni-Cu-Ni)
R375B	0.375”	0.25”	Axially	N40	Nickel (Ni-Cu-Ni)
R375C	0.375”	0.375”	Axially	N40	Nickel (Ni-Cu-Ni)
R500A	0.5”	0.125”	Axially	N40	Nickel (Ni-Cu-Ni)
R500A1	0.5”	0.15625”	Axially	N40	Nickel (Ni-Cu-Ni)
R500A2	0.5”	0.1875”	Axially	N40	Nickel (Ni-Cu-Ni)
R500A-DM	0.5”	0.125”	Diametrically	N40	Nickel (Ni-Cu-Ni)
R500B	0.5”	0.25”	Axially	N40	Nickel (Ni-Cu-Ni)
R500B-DM	0.5”	0.25”	Diametrically	N40	Nickel (Ni-Cu-Ni)
R500C	0.5”	0.375”	Axially	N40	Nickel (Ni-Cu-Ni)
R500CN45	0.5”	0.375”	Axially	N45	Nickel (Ni-Cu-Ni)
R500CN52-BE	0.5”	0.375”	Axially	N52	Black Epoxy (Ni-Cu-BE)
R500D	0.5”	0.5”	Axially	N40	Nickel (Ni-Cu-Ni)
R625E-N42	0.625”	0.625”	Axially	N42	Nickel (Ni-Cu-Ni)
R750A-DM	0.75”	0.125”	Diametrically	N40	Nickel (Ni-Cu-Ni)
R750B	0.75”	0.25”	Axially	N40	Nickel (Ni-Cu-Ni)
R750F	0.75”	0.75”	Axially	N40	Nickel (Ni-Cu-Ni)
R1000A1-DM	1”	0.15625”	Diametrically	N40	Nickel (Ni-Cu-Ni)
R1000B	1”	0.25”	Axially	N40	Nickel (Ni-Cu-Ni)
R1000C	1”	0.375”	Axially	N40	Nickel (Ni-Cu-Ni)
R1000D	1”	0.5”	Axially	N40	Nickel (Ni-Cu-Ni)
R1000F	1”	0.75”	Axially	N42	Nickel (Ni-Cu-Ni)
R1000H	1”	1”	Axially	N40	Nickel (Ni-Cu-Ni)
R2000D	2”	0.5”	Axially	N40	Nickel (Ni-Cu-Ni)
R2000H	2”	1”	Axially	N40	Nickel (Ni-Cu-Ni)
R2000P	2”	2”	Axially	N40	Nickel (Ni-Cu-Ni)
R3000D	3”	0.5”	Axially	N40	Nickel (Ni-Cu-Ni)



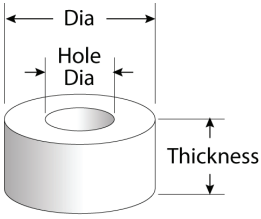


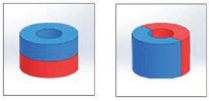




Ring & Tube Magnets

Ring and Tube magnets are cylindrically-shaped magnets with regular through holes.





Grade determines strength, temperature resistance, and durability.
Read more on page 21

Plating protects the magnet from harsh environments.
Read more on page 25

Item Code	Thickness	Dia.	Hole Dia.	Magnetized	Grade	Plating
H094H	0.09375"	1"	0.75"	Axially	N40	Nickel (Ni-Cu-Ni)
H20933	0.079"	0.530"	0.372"	Diametrically	N40	Nickel (Ni-Cu-Ni)
H20933-AXIAL	0.079"	0.530"	0.372"	Axially	N40	Nickel (Ni-Cu-Ni)
H118-240-063-DM	0.118"	0.24"	0.063"	Diametrically	N40	Nickel (Ni-Cu-Ni)
DH125B-063	0.125"	0.25"	0.0625"	Axially	N40	Nickel (Ni-Cu-Ni)
DH125B-063-AU	0.125"	0.25"	0.0625"	Axially	N40	Gold (Ni-Cu-Ni-Au)
H125B	0.125"	0.25"	0.1094"	Axially	N40	Nickel (Ni-Cu-Ni)
H125C	0.125"	0.375"	0.135"	Axially	N40	Nickel (Ni-Cu-Ni)
H125CA2	0.125"	0.375"	0.1875"	Axially	N40	Nickel (Ni-Cu-Ni)
DH125D	0.125"	0.5"	0.125"	Axially	N40	Nickel (Ni-Cu-Ni)
H125-500-256	0.125"	0.5"	0.256"	Axially	N40	Nickel (Ni-Cu-Ni)
H125-500-256-DM	0.125"	0.5"	0.256"	Diametrically	N40	Nickel (Ni-Cu-Ni)
H125D	0.125"	0.5"	0.2813"	Axially	N40	Nickel (Ni-Cu-Ni)
H125D-AU	0.125"	0.5"	0.2813"	Axially	N40	Gold (Ni-Cu-Ni-Au)
H125D-BE	0.125"	0.5"	0.2813"	Axially	N40	Black Epoxy (Ni-Cu-BE)
DH125-1000-195	0.125"	1"	0.195"	Axially	N40	Nickel (Ni-Cu-Ni)
RH250B-063	0.25"	0.25"	0.063"	Axially	N40	Nickel (Ni-Cu-Ni)
T250B	0.25"	0.25"	0.109"	Axially	N40	Nickel (Ni-Cu-Ni)
T250B-AU	0.25"	0.25"	0.109"	Axially	N40	Gold (Ni-Cu-Ni-Au)
DH250D	0.25"	0.5"	0.135"	Axially	N40	Nickel (Ni-Cu-Ni)
DH250DN45	0.25"	0.5"	0.135"	Axially	N45	Nickel (Ni-Cu-Ni)
H250-500-200	0.25"	0.5"	0.2"	Axially	42SH	Nickel (Ni-Cu-Ni)
H250-500-256	0.25"	0.5"	0.256"	Axially	N40	Nickel (Ni-Cu-Ni)
H250F	0.25"	0.75"	0.26"	Axially	N40	Nickel (Ni-Cu-Ni)
H250F-DM	0.25"	0.75"	0.26"	Diametrically	N40	Nickel (Ni-Cu-Ni)
H250-750-380-AU	0.25"	0.75"	0.38"	Axially	N40	Gold (Ni-Cu-Ni-Au)
H250F-510-DM	0.25"	0.75"	0.51"	Diametrically	N40	Nickel (Ni-Cu-Ni)
H250H	0.25"	1"	0.51"	Axially	N40	Nickel (Ni-Cu-Ni)
H250HN45	0.25"	1"	0.51"	Axially	N45	Nickel (Ni-Cu-Ni)
H250H-DM	0.25"	1"	0.51"	Diametrically	N40	Nickel (Ni-Cu-Ni)
H375CL	0.375"	1.5"	0.375"	Axially	N40	Nickel (Ni-Cu-Ni)
H375DL-N42	0.375"	1.5"	0.5"	Axially	N42	Nickel (Ni-Cu-Ni)
T500D	0.5"	0.5"	0.26"	Axially	N40	Nickel (Ni-Cu-Ni)
T500D-DM	0.5"	0.5"	0.26"	Diametrically	N40	Nickel (Ni-Cu-Ni)
T550D-5	0.55"	0.45"	0.25"	Diametrically	N40	Nickel (Ni-Cu-Ni)
H750L	0.75"	1.5"	0.76"	Axially	N40	Nickel (Ni-Cu-Ni)

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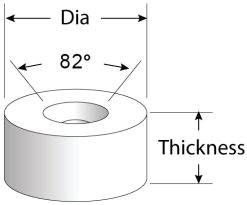
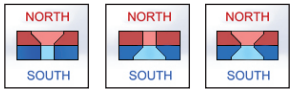
Countersunk Disc and Rod Magnets

Countersunk Discs and Rods are cylindrically-shaped magnets with countersunk holes for mounting with screws.





Countersunk on **North** | Countersunk on **South** | Countersunk on **Both**

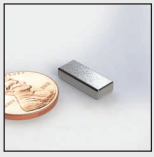
Grade determines strength, temperature resistance, and durability.
Read more on page 21

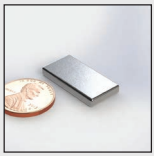
Plating protects the magnet from harsh environments.
Read more on page 25

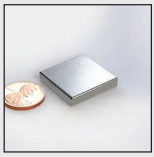
Item Code	Thick	Dia.	Mount With	Countersunk On	Grade	Plating
DH063C-FN	0.0625”	0.375”	#4 Screw	North	N40	Nickel (Ni-Cu-Ni)
DH063C-FS	0.0625”	0.375”	#4 Screw	South	N40	Nickel (Ni-Cu-Ni)
DH125AE(82)-FN-N42	0.125”	0.625”	#4 Screw	North	N42	Nickel (Ni-Cu-Ni)
DH125AE-FN-N42	0.125”	0.625”	#4 Screw	North	N42	Nickel (Ni-Cu-Ni)
DH125AE-FS-N42	0.125”	0.625”	#4 Screw	South	N42	Nickel (Ni-Cu-Ni)
DH125D-FN	0.125”	0.5”	#6 Screw	North	N40	Nickel (Ni-Cu-Ni)
DH125D-FS	0.125”	0.5”	#6 Screw	South	N40	Nickel (Ni-Cu-Ni)
DH125E-FN-N42	0.125”	0.625”	#6 Screw	North	N42	Nickel (Ni-Cu-Ni)
DH125E-FS-N42	0.125”	0.625”	#6 Screw	South	N42	Nickel (Ni-Cu-Ni)
DH125F-FN-N42	0.125”	0.75”	#8 Screw	North	N42	Nickel (Ni-Cu-Ni)
DH125F-FS-N42	0.125”	0.75”	#8 Screw	South	N42	Nickel (Ni-Cu-Ni)
DH125H-FN	0.125”	1”	#8 Screw	North	N40	Nickel (Ni-Cu-Ni)
DH125H-FS	0.125”	1”	#8 Screw	South	N40	Nickel (Ni-Cu-Ni)
DH125-1125-FN	0.125”	1.125”	#8 Screw	North	N40	Nickel (Ni-Cu-Ni)
DH125-1125-FS	0.125”	1.125”	#8 Screw	South	N40	Nickel (Ni-Cu-Ni)
DH125J-FN	0.125”	1.25”	#8 Screw	North	N40	Nickel (Ni-Cu-Ni)
DH125J-FS	0.125”	1.25”	#8 Screw	South	N40	Nickel (Ni-Cu-Ni)
DH188H-FN-N42	0.1875”	1”	#10 Screw	North	N42	Nickel (Ni-Cu-Ni)
DH250D-CB-FN-N42	0.25”	0.5”	#4 Screw	North	N42	Nickel (Ni-Cu-Ni)
DH250D-CB-FN-N45-BE	0.25”	0.5”	#4 Screw	North	N45	Black Epoxy (Ni-Cu-BE)
DH250D-CB-FS-N42	0.25”	0.5”	#4 Screw	South	N42	Nickel (Ni-Cu-Ni)
DH250D-CB-FS-N45-BE	0.25”	0.5”	#4 Screw	South	N45	Black Epoxy (Ni-Cu-BE)
DH250D-F2	0.25”	0.5”	#6 Screw	Both	N40	Nickel (Ni-Cu-Ni)
DH250D-FN-N42	0.25”	0.5”	#4 Screw	North	N42	Nickel (Ni-Cu-Ni)
DH250D-FN-N42-BE	0.25”	0.5”	#4 Screw	North	N42	Black Epoxy (Ni-Cu-BE)
DH250D-FS-N42	0.25”	0.5”	#4 Screw	South	N42	Nickel (Ni-Cu-Ni)
DH250D-FS-N42-BE	0.25”	0.5”	#4 Screw	South	N42	Black Epoxy (Ni-Cu-BE)
RH375C-F	0.375”	0.375”	#2 Screw	North/South	N40	Black Epoxy (Ni-Cu-BE)
RH375C-F-NI	0.375”	0.375”	#2 Screw	North/South	N40	Nickel (Ni-Cu-Ni)
RH500D-F2	0.5”	0.5”	#6 Screw	Both	N40	Nickel (Ni-Cu-Ni)
DH500F-F2	0.5”	0.75”	#8 Screw	Both	N40	Nickel (Ni-Cu-Ni)
DH500H-F2	0.5”	1”	#8 Screw	Both	N40	Nickel (Ni-Cu-Ni)
DH500H-FN	0.5”	1”	#8 Screw	North	N40	Nickel (Ni-Cu-Ni)
DH500H-FS	0.5”	1”	#8 Screw	South	N40	Nickel (Ni-Cu-Ni)

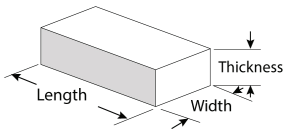
Plate / Cube Magnets

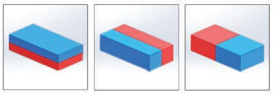
Plates, cubes, and thin square/rectangular-shaped magnets.











Magnetized through the **Thickness** | Magnetized through the **Width** | Magnetized through the **Length**

Grade determines strength, temperature resistance, and durability.
Read more on page 21

Plating protects the magnet from harsh environments.
Read more on page 25

Item Code	Thickness	Width	Length	Magnetized	Grade	Plating
Q063A	0.0625”	0.125”	0.125”	Thickness	N40	Nickel (Ni-Cu-Ni)
Q063B	0.0625”	0.25”	0.25”	Thickness	N40	Nickel (Ni-Cu-Ni)
P063BD	0.0625”	0.25”	0.5”	Thickness	N40	Nickel (Ni-Cu-Ni)
P063BF	0.0625”	0.25”	0.75”	Thickness	N40	Nickel (Ni-Cu-Ni)
P063BH	0.0625”	0.25”	1”	Thickness	N40	Nickel (Ni-Cu-Ni)
Q063C	0.0625”	0.375”	0.375”	Thickness	N40	Nickel (Ni-Cu-Ni)
Q063CN42	0.0625”	0.375”	0.375”	Thickness	N42	Nickel (Ni-Cu-Ni)
P063CF	0.0625”	0.375”	0.75”	Thickness	N40	Nickel (Ni-Cu-Ni)
P063CF50M	0.0625”	0.375”	0.75”	Thickness	50M	Nickel (Ni-Cu-Ni)
P063C2H	0.0625”	0.4375”	1”	Thickness	N40	Nickel (Ni-Cu-Ni)
Q063D	0.0625”	0.5”	0.5”	Thickness	N40	Nickel (Ni-Cu-Ni)
P063DH	0.0625”	0.5”	1”	Thickness	N40	Nickel (Ni-Cu-Ni)
Q063H	0.0625”	1”	1”	Thickness	N40	Nickel (Ni-Cu-Ni)
P063HP	0.0625”	1”	2”	Thickness	N40	Nickel (Ni-Cu-Ni)
Q063P	0.0625”	2”	2”	Thickness	N40	Nickel (Ni-Cu-Ni)
Q094H	0.09375”	1”	1”	Thickness	N40	Nickel (Ni-Cu-Ni)
P094HL	0.09375”	1”	1.5”	Thickness	N42	Nickel (Ni-Cu-Ni)
P094HP	0.09375”	1”	2”	Thickness	N40	Nickel (Ni-Cu-Ni)
Q094P	0.09375”	2”	2”	Thickness	N40	Nickel (Ni-Cu-Ni)
P100-1000-375	0.1”	0.375”	1”	Thickness	N40	Nickel (Ni-Cu-Ni)
P500-100P	0.1”	0.5”	2”	Width	N40	Nickel (Ni-Cu-Ni)
C125A	0.125”	0.125”	0.125”	Thickness	N40	Nickel (Ni-Cu-Ni)
P125AD	0.125”	0.125”	0.5”	Thickness	N40	Nickel (Ni-Cu-Ni)
P125AH	0.125”	0.125”	1”	Thickness	N40	Nickel (Ni-Cu-Ni)
Q125B	0.125”	0.25”	0.25”	Thickness	N40	Nickel (Ni-Cu-Ni)
P125BD	0.125”	0.25”	0.5”	Thickness	N40	Nickel (Ni-Cu-Ni)
P1000AB	0.125”	0.25”	1”	Length	N40	Nickel (Ni-Cu-Ni)
P125BH	0.125”	0.25”	1”	Thickness	N40	Nickel (Ni-Cu-Ni)
P125-3516W	0.125”	0.3125”	3”	Width	N40	Nickel (Ni-Cu-Ni)
P125-6516W	0.125”	0.3125”	6”	Width	N40	Nickel (Ni-Cu-Ni)
Q125C	0.125”	0.375”	0.375”	Thickness	N40	Nickel (Ni-Cu-Ni)
P125CF	0.125”	0.375”	0.75”	Thickness	N40	Nickel (Ni-Cu-Ni)
Q125D	0.125”	0.5”	0.5”	Thickness	N40	Nickel (Ni-Cu-Ni)
P125DF	0.125”	0.5”	0.75”	Thickness	N40	Nickel (Ni-Cu-Ni)
P750AD	0.125”	0.5”	0.75”	Length	N40	Nickel (Ni-Cu-Ni)
P125DH	0.125”	0.5”	1”	Thickness	N40	Nickel (Ni-Cu-Ni)

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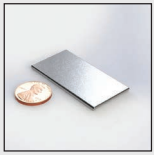
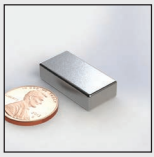
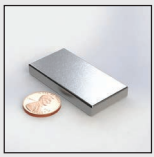
Item Code	Thickness	Width	Length	Magnetized	Grade	Plating
P125DP	0.125”	0.5”	2”	Thickness	N40	Nickel (Ni-Cu-Ni)
P125D4000	0.125”	0.5”	4”	Thickness	N40	Nickel (Ni-Cu-Ni)
P125D6000	0.125”	0.5”	6”	Thickness	N40	Nickel (Ni-Cu-Ni)
Q125E	0.125”	0.625”	0.625”	Thickness	N40	Nickel (Ni-Cu-Ni)
Q125F	0.125”	0.75”	0.75”	Thickness	N40	Nickel (Ni-Cu-Ni)
P125FX	0.125”	0.75”	3”	Thickness	N40	Nickel (Ni-Cu-Ni)
Q125H	0.125”	1”	1”	Thickness	N40	Nickel (Ni-Cu-Ni)
P125HP	0.125”	1”	2”	Thickness	N40	Nickel (Ni-Cu-Ni)
P125H8000	0.125”	1”	8”	Thickness	N40	Nickel (Ni-Cu-Ni)
C188A2	0.1875”	0.1875”	0.1875”	Thickness	N40	Nickel (Ni-Cu-Ni)
C188A2-AU	0.1875”	0.1875”	0.1875”	Thickness	N40	Gold (Ni-Cu-Ni-Au)
Q188F-M	0.1875”	0.75”	0.75”	Thickness	N42	Nickel (Ni-Cu-Ni)
Q188H-N45	0.1875”	1”	1”	Thickness	N45	Nickel (Ni-Cu-Ni)
C250B	0.25”	0.25”	0.25”	Thickness	N40	Nickel (Ni-Cu-Ni)
P250AF	0.25”	0.125”	0.75”	Width	N40	Nickel (Ni-Cu-Ni)
P250BBB	0.25”	0.25”	0.25”	Thickness	N40	Nickel (Ni-Cu-Ni)
P375BB	0.25”	0.25”	0.375”	Length	N40	Nickel (Ni-Cu-Ni)
P250BD	0.25”	0.25”	0.5”	Thickness	N40	Nickel (Ni-Cu-Ni)
P500BB	0.25”	0.25”	0.5”	Length	N40	Nickel (Ni-Cu-Ni)
P250BF	0.25”	0.25”	0.75”	Thickness	N40	Nickel (Ni-Cu-Ni)
P750BB	0.25”	0.25”	0.75”	Length	N40	Nickel (Ni-Cu-Ni)
P1000BB	0.25”	0.25”	1”	Length	N40	Nickel (Ni-Cu-Ni)
P250BH	0.25”	0.25”	1”	Thickness	N40	Nickel (Ni-Cu-Ni)
Q250C	0.25”	0.375”	0.375”	Thickness	N40	Nickel (Ni-Cu-Ni)
Q250D	0.25”	0.5”	0.5”	Thickness	N40	Nickel (Ni-Cu-Ni)
P250DF	0.25”	0.5”	0.75”	Thickness	N40	Nickel (Ni-Cu-Ni)
P750BD	0.25”	0.5”	0.75”	Length	N45	Nickel (Ni-Cu-Ni)
P250DH	0.25”	0.5”	1”	Thickness	N40	Nickel (Ni-Cu-Ni)
Q250H	0.25”	1”	1”	Thickness	N40	Nickel (Ni-Cu-Ni)
P250HP	0.25”	1”	2”	Thickness	N40	Nickel (Ni-Cu-Ni)
Q250P	0.25”	2”	2”	Thickness	N40	Nickel (Ni-Cu-Ni)
P295-1475-625-F	0.295”	0.625”	1.475”	Thickness	C8	No Plating
C375C	0.375”	0.375”	0.375”	Thickness	N40	Nickel (Ni-Cu-Ni)
C500D	0.5”	0.5”	0.5”	Thickness	N40	Nickel (Ni-Cu-Ni)
P500DX	0.5”	0.5”	3”	Thickness	N40	Nickel (Ni-Cu-Ni)
Q500H	0.5”	1”	1”	Thickness	N45	Nickel (Ni-Cu-Ni)
P500HP	0.5”	1”	2”	Thickness	N40	Nickel (Ni-Cu-Ni)
P500HPN45	0.5”	1”	2”	Thickness	N45	Nickel (Ni-Cu-Ni)
Q500P	0.5”	2”	2”	Thickness	N40	Nickel (Ni-Cu-Ni)
Q500PN50	0.5”	2”	2”	Thickness	N50	Nickel (Ni-Cu-Ni)
C625E	0.625”	0.625”	0.625”	Thickness	N40	Nickel (Ni-Cu-Ni)
C750F	0.75”	0.75”	0.75”	Thickness	N40	Nickel (Ni-Cu-Ni)
P750HP	0.75”	1”	2”	Thickness	N40	Nickel (Ni-Cu-Ni)
P750HP-BE	0.75”	1”	2”	Thickness	N40	Black Epoxy (Ni-Cu-BE)
C1000H	1”	1”	1”	Thickness	N40	Nickel (Ni-Cu-Ni)
Q1000PN50	1”	2”	2”	Thickness	N50	Nickel (Ni-Cu-Ni)
C1500L	1.5”	1.5”	1.5”	Thickness	N40	Nickel (Ni-Cu-Ni)
C2000P	2”	2”	2”	Thickness	N40	Nickel (Ni-Cu-Ni)
P2000PX	2”	2”	3”	Thickness	N40	Nickel (Ni-Cu-Ni)

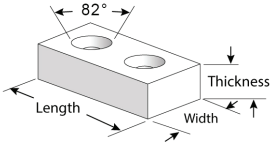






Countersunk Plate and Cube Magnets

Plates, Cubes, and Thin Square shaped magnets with countersunk holes for mounting with screws.

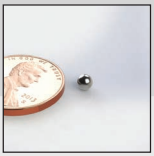


Countersunk on **North** | Countersunk on **South** | Countersunk on **Both**

Grade determines strength, temperature resistance, and durability.
Read more on page 21

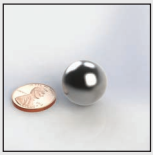
Plating protects the magnet from harsh environments.
Read more on page 25

Item Code	Thick	Width	Length	Mount	Countersunk On	Grade	Plating
P125DH-2H-FN	0.125”	0.5”	1”	#6 Screw x2	North	N40	Nickel (Ni-Cu-Ni)
P125DH-2H-FS	0.125”	0.5”	1”	#6 Screw x2	South	N40	Nickel (Ni-Cu-Ni)
CH500D-F2	0.5”	0.5”	0.5”	#6 Screw x1	Both	N42	Nickel (Ni-Cu-Ni)
QH250F-F2	0.25”	0.75”	0.75”	#6 Screw x1	Both	N42	Nickel (Ni-Cu-Ni)
QH250F-F2-BE	0.25”	0.75”	0.75”	#6 Screw x1	Both	N42	Black Epoxy (Ni-Cu-BE)
QH500F-F2-BE	0.5”	0.75”	0.75”	#6 Screw x1	Both	N40	Black Epoxy (Ni-Cu-BE)
P250DL-3H	0.25”	0.5”	1.5”	#6 Screw x3	North	N40	Nickel (Ni-Cu-Ni)



Spherical Magnets

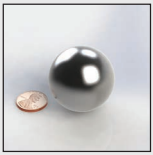
Sphere magnets are axially magnetized like the earth.



Magnetized Axially

Grade determines strength, temperature resistance, and durability.
Read more on page 21

Plating protects the magnet from harsh environments.
Read more on page 25



Item Code	Diameter	Magnetized	Grade	Plating
S125A	0.125”	Axially	N40	Nickel (Ni-Cu-Ni)
S250B	0.25”	Axially	N40	Nickel (Ni-Cu-Ni)
S375C	0.375”	Axially	N40	Nickel (Ni-Cu-Ni)
S500D	0.5”	Axially	N40	Nickel (Ni-Cu-Ni)
S625E	0.625”	Axially	N40	Nickel (Ni-Cu-Ni)
S750F	0.75”	Axially	N40	Nickel (Ni-Cu-Ni)
S750F-AU	0.75”	Axially	N40	Gold (Ni-Cu-Ni-Au)
S1000H	1”	Axially	N40	Nickel (Ni-Cu-Ni)
S1250J	1.25”	Axially	N40	Nickel (Ni-Cu-Ni)
S1500L	1.5”	Axially	N40	Nickel (Ni-Cu-Ni)

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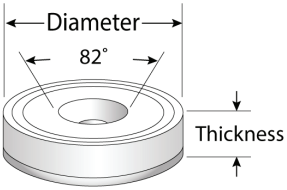
Countersunk Cup Magnets

Countersunk cups are neodymium magnets housed in a steel cup with a countersunk hole for mounting with a flat-head screw.



Countersunk on **North**

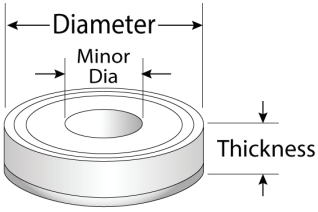
Grade determines strength, temperature resistance, and durability.
Read more on page 21

Plating protects the magnet from harsh environments.
Read more on page 25

Item Code	Thickness	Width	Mount With	Grade	Plating
CUPT375	0.125”	0.375”	#4 Screw	40M	Nickel (Ni-Cu-Ni)
CUPT500	0.15625”	0.5”	#4 Screw	40M	Nickel (Ni-Cu-Ni)
CUPT625	0.2”	0.625”	#5 Screw	40M	Nickel (Ni-Cu-Ni)
CUPT750	0.3”	0.75”	#8 Screw	40M	Nickel (Ni-Cu-Ni)
CUPT1000	0.35”	1”	#10 Screw	40M	Nickel (Ni-Cu-Ni)
CUPT1250	0.35”	1.25”	#10 Screw	40M	Nickel (Ni-Cu-Ni)
CUPT1500	0.35”	1.5”	1/4” Screw	40M	Nickel (Ni-Cu-Ni)
CUPT2000	0.45”	2”	1/4” Screw	40M	Nickel (Ni-Cu-Ni)
CUPT2500	0.75”	2.5”	5/16” Screw	40M	Nickel (Ni-Cu-Ni)
CUPT3000	0.75”	3”	3/8” Screw	40M	Nickel (Ni-Cu-Ni)

Counterbore Cup Magnets

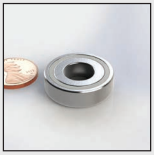
Counterbore cups are neodymium magnets housed in a steel cup with a counterbore hole for mounting with a pan-head screw or bolt.



Counterbore on **North**

Grade determines strength, temperature resistance, and durability.
Read more on page 21

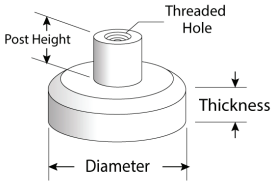
Plating protects the magnet from harsh environments.
Read more on page 25



Item Code	Thickness	Width	Minor Dia.	Mount With	Grade	Plating
CUPH625	0.197”	0.625”	0.26”	#5 Screw	N40	Nickel (Ni-Cu-Ni)
CUPH750	0.275”	0.75”	0.36”	#8 Screw	N40	Nickel (Ni-Cu-Ni)
CUPH1000	0.315”	1”	0.36”	#8 Screw	N40	Nickel (Ni-Cu-Ni)
CUPH1000ZN	0.315”	1”	0.36”	#8 Screw	N40	Zinc (Zn)
CUPH1250	0.315”	1.25”	0.36”	1/4” Screw	N40	Nickel (Ni-Cu-Ni)
CUPH1500	0.354”	1.5”	0.51”	1/4” Screw	N40	Nickel (Ni-Cu-Ni)
CUPH2000	0.452”	2”	0.6”	1/4” Screw	N40	Nickel (Ni-Cu-Ni)

Female Threaded Cup Magnets

Female threaded cups are neodymium magnets housed in a steel cup with a female threaded post for mounting with a machine screw or bolt.



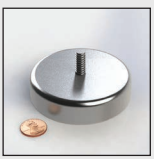
North Pole Facing Out

Grade determines strength, temperature resistance, and durability.
Read more on page 21

Plating protects the magnet from harsh environments.
Read more on page 25

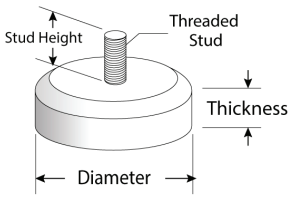
Item Code	Thickness	Post Height	Diameter	Thread	Grade	Plating
CUPF625	0.197"	0.315"	0.625"	8-32	N40	Nickel (Ni-Cu-Ni)
CUPF750	0.275"	0.237"	0.75"	8-32	N40	Nickel (Ni-Cu-Ni)
CUPF1000	0.315"	0.354"	1"	10-32	N40	Nickel (Ni-Cu-Ni)
CUPF1250	0.315"	0.393"	1.25"	1/4-20	N40	Nickel (Ni-Cu-Ni)
CUPF1500	0.354"	0.433"	1.5"	5/16-18	N40	Nickel (Ni-Cu-Ni)
CUPF2000	0.452"	0.493"	2"	5/16-18	N40	Nickel (Ni-Cu-Ni)
CUPF3000	0.75"	0.75"	3"	3/8-16	N40	Nickel (Ni-Cu-Ni)

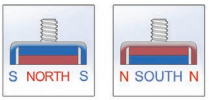
Item Code	Thickness	Diameter	Thread	Grade	Plating
CUPI1500-N42	0.375"	1.5"	10-32	N42	Nickel (Ni-Cu-Ni)
CUPI2500	0.63"	2.5"	3/8-16	N40	Nickel (Ni-Cu-Ni)



Male Threaded Cup Magnets

Male threaded cups are neodymium magnets housed in a steel cup with a male threaded stud for mounting with a nut or threaded hole.





North Pole Facing Out

(-S) South Pole Facing Out

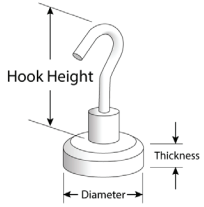
Grade determines strength, temperature resistance, and durability.
Read more on page 21

Plating protects the magnet from harsh environments.
Read more on page 25

Item Code	Thickness	Stud Height	Diameter	Thread	Grade	Plating
CUPM625	0.197"	0.315"	0.625"	8-32	N40	Nickel (Ni-Cu-Ni)
CUPM750	0.275"	0.237"	0.75"	8-32	N40	Nickel (Ni-Cu-Ni)
CUPM1000	0.315"	0.354"	1"	10-32	N40	Nickel (Ni-Cu-Ni)
CUPM1250	0.315"	0.538"	1.25"	1/4-20	N40	Nickel (Ni-Cu-Ni)
CUPM1500	0.354"	0.433"	1.5"	5/16-18	N40	Nickel (Ni-Cu-Ni)
CUPM2000	0.452"	0.493"	2"	5/16-18	N40	Nickel (Ni-Cu-Ni)
CUPM2000-S	0.452"	0.493"	2"	5/16-18	N40	Nickel (Ni-Cu-Ni)
CUPM3000	0.75"	0.75"	3"	3/8-16	N40	Nickel (Ni-Cu-Ni)

Hook and Coat Hanger Magnets

Hook cups are neodymium magnets housed in a steel cup with a detachable hook for hanging.



North Pole Facing Out

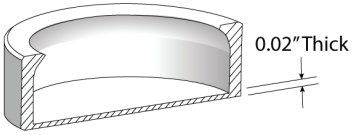
Grade determines strength, temperature resistance, and durability.
Read more on page 21

Plating protects the magnet from harsh environments.
Read more on page 25

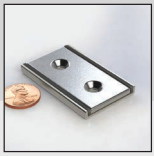
Item Code	Thickness	Diameter	Hook Height	Grade	Plating
CUPC625	0.299”	0.623”	1.34”	N40	Nickel (Ni-Cu-Ni)
CUPC750	0.305”	0.787”	1.46”	N40	Nickel (Ni-Cu-Ni)
CUPC1000	0.157”	0.984”	1.69”	N40	Nickel (Ni-Cu-Ni)
CUPC1000-PCBLACK	0.157”	0.984”	1.69”	N40	Black Powder Coat
CUPC1000-PCWHITE	0.157”	0.984”	1.69”	N40	White Powder Coat
CUPC1250	0.350”	1.26”	1.85”	N40	Nickel (Ni-Cu-Ni)
CUPC1500	0.443”	1.65”	2.05”	N40	Nickel (Ni-Cu-Ni)
CUPC2000	0.463”	1.89”	2.44”	N40	Nickel (Ni-Cu-Ni)

Silicone Boots for Cup Magnets

Rubber boots protect cup magnets from damage and also protect the surface they are attaching to from wear.

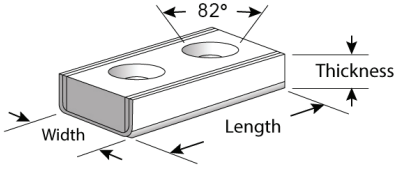


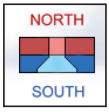
Item Code	Fits Below Magnets	Outside Dimensions
CUP625-BOOT	CUPT625 | CUPH625 | CUPF625 | CUPM625	0.724” Dia
CUP750-BOOT	CUPT750 | CUPH750 | CUPF750 | CUPM750	0.844” Dia
CUP1000-BOOT	CUPT1000 | CUPH1000 | CUPF1000 | CUPM1000	1.095” Dia
CUP1250-BOOT	CUPT1250 | CUPH1250 | CUPF1250 | CUPM1250	1.312” Dia
CUP1500-BOOT	CUPT1250 | CUPH1250 | CUPF1250 | CUPM1250	1.561” Dia
CUP2000-BOOT	CUPT2000 | CUPH2000 | CUPF2000 | CUPM2000	2.08” Dia
UCH-P125DP-BOOT	UCHT-P125DP-ZN	0.89” Wide x 2.13” Long
UCH-P125HP-BOOT	UCHT-P125HP-ZN	1.39” Wide x 2.13” Long



Countersunk U-Channel Magnets

U-Channel magnets are zinc-coated neodymium magnets housed in a steel channel with countersunk through holes.



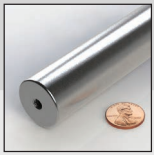


Countersunk on **North**

Grade determines strength, temperature resistance, and durability.
Read more on page 21

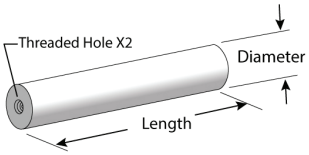
Plating protects the magnet from harsh environments.
Read more on page 25

Item Code	Length	Width	Thickness	Mount With	Grade	Plating
UCHT-P125DP-ZN	2”	0.5”	0.193”	#8 Screw	N40	Zinc (Zn)
UCHT-P125HP-ZN	2”	1”	0.188”	#8 Screw	N40	Zinc (Zn)



Separator Bar Magnets

Separate ferrous scrap and particles using these powerful Separator Bar magnets. Each bar consists of a series of Rare-Earth (neodymium-iron-boron) magnets, encased in a 1” dia. 304 stainless steel tube. Separator Bars are threaded on both ends.



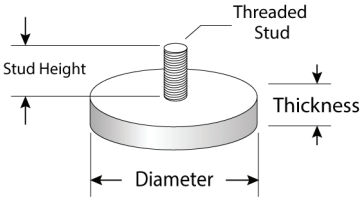
Grade determines strength, temperature resistance, and durability.
Read more on page 21

Steel Housing protects the magnet from harsh environments.

Item Code	Length	Diameter	Thread	Grade	Steel Housing
BAR4000H	4”	1”	1/4-20	45M	304 Stainless
BAR6000H	6”	1”	1/4-20	45M	304 Stainless
BAR8000H	8”	1”	1/4-20	45M	304 Stainless
BAR9000H	9”	1”	1/4-20	45M	304 Stainless
BAR10000H	10”	1”	1/4-20	45M	304 Stainless
BAR12000H	12”	1”	1/4-20	45M	304 Stainless
BAR16000H	16”	1”	1/4-20	45M	304 Stainless
BAR18000H	18”	1”	1/4-20	45M	304 Stainless
BAR24000H	24”	1”	1/4-20	45M	304 Stainless

Male Threaded Wheel Magnets

Wheel magnets are comprised of multiple neodymium magnets inside a durable rubber housing. The rubber housing protects the magnets and the surface they attach to.



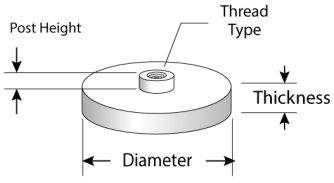
Alternating Polarity

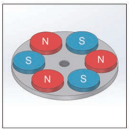
Grade determines strength, temperature resistance, and durability.
Read more on page 21

Item Code	Thickness	Diameter	Stud Height	Thread Type	Grade
WHEELM1700-N35	0.236”	1.7”	0.276”	8-32	N35
WHEELM2600-N35	0.335”	2.6”	0.491”	1/4-20	N35
WHEELM3450-N35	0.335”	3.45”	0.614”	1/4-20	N35

Female Threaded Wheel Magnets

Wheel magnets are comprised of multiple neodymium magnets inside a durable rubber housing. The rubber housing protects the magnets and the surface they attach to.





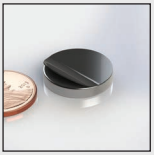
Alternating Polarity

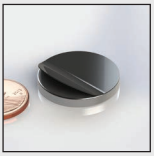
Grade determines strength, temperature resistance, and durability.
Read more on page 21

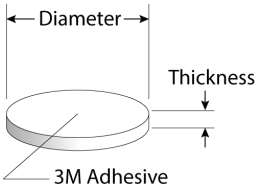
Item Code	Thickness	Diameter	Post Height	Thread Type	Grade
WHEELF1700-N35	0.236”	1.7”	0.03125”	8-32	N35
WHEELF2600-N35	0.335”	2.6”	0.133”	1/4-20	N35
WHEELF3450-N35	0.335”	3.45”	0.273”	1/4-20	N35

Silicone Traction Pads

Stops your magnets from sliding around. Traction tape greatly increases the friction between the magnets and the surfaces they attach to. Attaches to your magnets via a strong 3M adhesive.





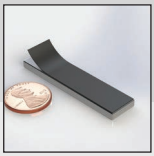


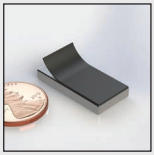
Traction Pads come with a protective paper liner over the 3M tape and a clear protective liner over the silicon side.

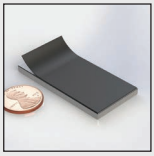
Item Code	Thickness	Diameter
TRAKTAPE-D012D	0.012”	0.5”
TRAKTAPE-D012E	0.012”	0.625”
TRAKTAPE-D012F	0.012”	0.75”
TRAKTAPE-D012H	0.012”	1”
TRAKTAPE-D020D	0.020”	0.5”
TRAKTAPE-D020E	0.020”	0.625”
TRAKTAPE-D020F	0.020”	0.75”
TRAKTAPE-D020H	0.020”	1”

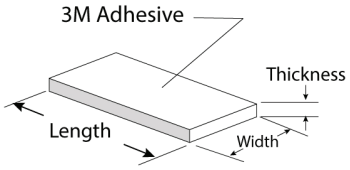
Silicone Traction Pads

Stops your magnets from sliding around. Traction tape greatly increases the friction between the magnets and the surfaces they attach to. Attaches to your magnets via a strong 3M adhesive.









Traction Pads come with a protective paper liner over the 3M tape and a clear protective liner over the silicon side.

Item Code	Thickness	Length	Width
TRAKTAPE-P012DH	0.012”	1”	0.5”
TRAKTAPE-Q012H	0.012”	1”	1”
TRAKTAPE-P012DP	0.012”	2”	0.5”
TRAKTAPE-P012HP	0.012”	2”	1”
TRAKTAPE-P020DH	0.020”	1”	0.5”
TRAKTAPE-Q020H	0.020”	1”	1”
TRAKTAPE-P020DP	0.020”	2”	0.5”
TRAKTAPE-P020HP	0.020”	2”	1”

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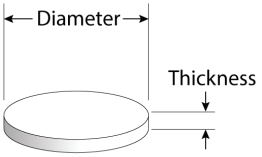
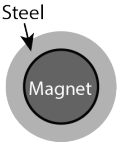
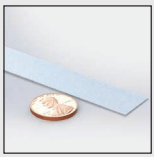
Steel Discs for Attaching to Magnets

Steel Discs are not magnets, but they offer a highly attractive target for your magnets to attach to.





For Best Results:
Steel diameter should exceed magnet diameter.

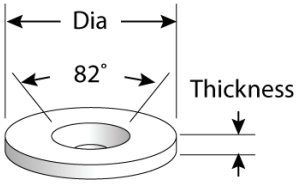


Item Code	Thickness	Diameter	Grade	Plating
ZNSD032D	0.03125”	0.5”	A10	Zinc (Zn)
ZNSD032E	0.03125”	0.625”	A10	Zinc (Zn)
ZNSD032F	0.03125”	0.75”	A10	Zinc (Zn)
ZNSD032H	0.03125”	1”	A10	Zinc (Zn)
ZNSD063B2	0.0625”	0.3125”	A10	Zinc (Zn)
ZNSD063C	0.0625”	0.375”	A10	Zinc (Zn)
ZNSD063D	0.0625”	0.5”	A10	Zinc (Zn)
ZNSD063E	0.0625”	0.625”	A10	Zinc (Zn)
ZNSD063F	0.0625”	0.75”	A10	Zinc (Zn)
ZNSD063H	0.0625”	1”	A10	Zinc (Zn)

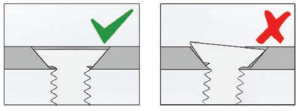
Item Code	Thickness	Width	Length	Grade	Plating
SR015E-10	0.015”	0.625”	10”	Spring Steel	Nickel (Ni-Cu-Ni)

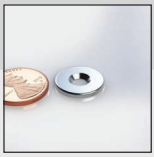
Countersunk Steel Discs

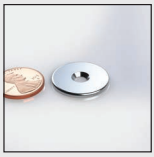
Countersunk steel discs are not magnets, but they offer a highly attractive target for your magnets to attach to.

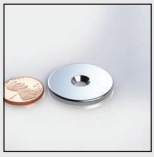


For Best Results:
Screw head should sit below steel surface.





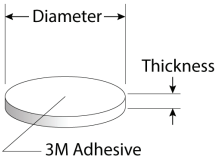




Item Code	Thickness	Diameter		Grade	Plating
ZNSDH063E	0.0625”	0.625”	#6 Screw	A10	Zinc (Zn)
ZNSDH063F	0.0625”	0.75”	#6 Screw	A10	Zinc (Zn)
ZNSDH063G	0.0625”	0.875”	#6 Screw	A10	Zinc (Zn)
ZNSDH063I	0.0625”	1.125”	#6 Screw	A10	Zinc (Zn)
ZNSDH094E	0.09375”	0.625”	#6 Screw	A10	Zinc (Zn)
ZNSDH094F	0.09375”	0.75”	#6 Screw	A10	Zinc (Zn)
ZNSDH094G	0.09375”	0.875”	#6 Screw	A10	Zinc (Zn)
ZNSDH094I	0.09375”	1.125”	#6 Screw	A10	Zinc (Zn)

3M Double-Sided Tape

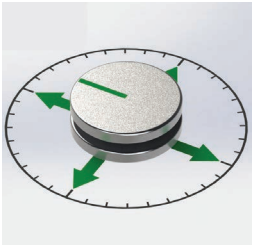
3M Double-Sided Tape has a very high level of initial tack and good adhesion to a wide variety of surfaces including nickel plated magnets.



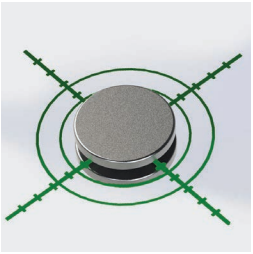
Item Code	Diameter	Thickness
VHBD500	0.5”	0.01”
VHBD625	0.625”	0.01”
VHBD750	0.75”	0.01”
VHBD1000	1”	0.01”

Polymagnets®

Polymagnets are standard neodymium magnets that have gone through a special magnetization process to change the shape of their magnetic fields. Polymagnets can be magnetized to have rotational detents, attract and repel when twisted, and many more unique functions.



Rotational Alignment
Alignment polymagnets work in pairs to achieve a combination of centering and rotational alignment functions.



Axial Centering
Centering polymagnets amplify the magnets tendency to axially align, increasing the shear force between magnets.

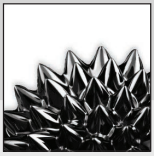
Twist Release
Twist release polymagnets attract when aligned and repel when rotated.

Spring
Spring polymagnets attract at a distance and repel when moved closer together.

Ferrofluid EFH-1

Ferrofluid is a liquid made of nanoscale magnetic particles suspended in a carrier fluid. Each tiny particle is coated with a surfactant to inhibit clumping. This allows Ferrofluid to respond to the influence of magnetic fields and change back when the field is removed.

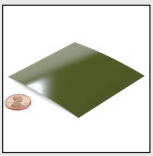
Ferrofluid EFH-1 is for magnetic domain visualization, not speaker fluid.

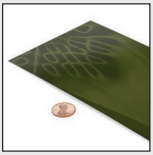


Item Code	Diameter
FERROFLUID-0008	8ml
FERROFLUID-0030	30ml
FERROFLUID-0060	60ml
FERROFLUID-0125	125ml
FERROFLUID-0250	250ml
FERROFLUID-0500	500ml
FERROFLUID-1000	1000ml

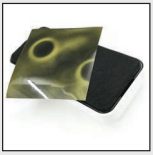
Magfilm

Magfilm will become lighter or darker when a magnetic field is applied.
It turns dark when the field lines are perpendicular to the surface, and it turns light when the field lines are horizontal, i.e., across the surface allowing the user to see the intricate shapes of magnetic fields surrounding the magnets.

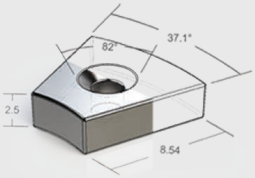




Item Code	Diameter	Thickness	Resolution
HD-MAGFILM-056	75mm	75mm	High
HD-MAGFILM-100	100mm	100mm	High
HD-MAGFILM-200	100mm	200mm	High
HD-MAGFILM-400	200mm	200mm	High
HD-MAGFILM-800	200mm	400mm	High
HD-MAGFILM-1400	400mm	350mm	High
MAGFILM-009	3”	3”	Medium
MAGFILM-012	6”	2”	Medium
MAGFILM-024	6”	4”	Medium
MAGFILM-036	6”	6”	Medium
MAGFILM-0144	12”	12”	Medium



Custom Projects



We take your specifications and deadlines seriously across all our value added services.

- Custom magnet design and production
- Engineering input at every step from concept to production
- Custom plastic component design and production
- Custom laser etching & color print branding on stock products
- Custom assembly and magnet integration solutions
- Large production runs of magnets or assemblies
- 3D printing & rapid prototyping

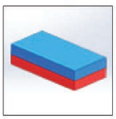
To request a quote, contact projects@amazingmagnets.com

Magnetization Options

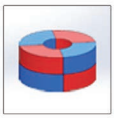

Diametrical


Axial

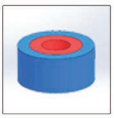

Length

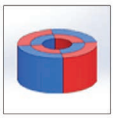

Thickness


Width


Poly Axial


Radial North


Radial South


Poly Radial


Radial North


Radial South


Chord


Axial

Need A Custom Size?
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Materials & Grades

The material and grade of a magnet refer to a set of properties that ultimately yields the magnet's performance. A majority of the magnets sold by Amazing Magnets are Sintered Neodymium (NdFeB), and most of our stock products are (NdFeB) Grade N40. Other materials such as SmCo, AlNiCo, Ferrite, and rubberized magnets can be produced to order.

If you have any questions please give us a call (888) 727-3327

Definitions

Br (KG) - "Residual Flux Density Measured in Kilo Gauss"
This is a measurement of the material's ability to retain a magnetic field after being magnetized.
For example: Iron can be temporarily magnetized by an external magnetic field but will lose the majority of its flux density after the external field is taken away**.**

HcB (KOe) - "Demagnetizing Force Measured in Kilo Oersteds"
This is a measurement of the material's ability to resist external and internal magnetic forces without being changed.
For example: Flexible/rubberized magnets have a lower HcB and therefore can be partially demagnetized / remagnetized by a stronger magnet. Most materials have a good HcB vs Br ratio and cannot demagnetize themselves.

Hci (KOe) - "Full Demagnetization Force Measured in Kilo Oersteds"
This is a measurement of the external field required to fully demagnetize the material and by extension will always be a higher number than HcB

BHMax (MGOe) - "Maximum Energy Product Measured in Mega Gauss Oersteds"
This is a direct measurement of a material's maximum magnetic strength after the magnet is fully saturated. BHMax is the best indication of a magnet's maximum potential lifting force.

Tmax (Maximum Operating Temperature) - "Measured in Celsius/Fahrenheit"
Heating the material above the maximum operating temperature for an extended period of time will cause the material to permanently lose its magnetic strength. Depending on the geometry of the magnet, heating the material close to the maximum operating temperature may cause the material to temporarily lose its magnetic strength. It is recommended to pad the operating temperature by at least 20%.

Material: Sintered Neodymium-Iron-Boron (NdFeB)

Sintered NdFeB magnets are the strongest permanent magnets commercially available (Made of an alloy of Neodymium, Iron, and Boron.) Sintered NdFeB magnets have a lower maximum temperature than other materials. They oxidize rapidly, so a coating or plating is needed to protect the magnet.

See Plating and Coating options on page 25 for more information.

Grade Name	Br (KG)	HcB (KOe)	Hcl (KOe)	BHmax (MGOe)	Tmax
N35	11.7-12.2	≥10.9	≥12.0	33-36	80C / 176F
N38	12.2-12.5	≥10.9	≥12.0	36-39	80C / 176F
N40	12.5-12.8	≥11.4	≥12.0	38-41	80C / 176F
N42	12.8-13.2	≥11.5	≥12.0	40-43	80C / 176F
N45	13.2-13.8	≥11.6	≥12.0	43-46	80C / 176F
N48	13.8-14.2	≥11.6	≥12.0	46-49	80C / 176F
N50	14.0-14.5	≥10.0	≥11.0	48-51	70C / 158F
N52	14.3-14.8	≥10.0	≥11.0	50-53	70C / 158F
30M	10.8-11.3	≥10.0	≥14.0	28-31	100C / 212F
33M	11.3-11.7	≥10.5	≥14.0	31-33	100C / 212F
35M	11.7-12.2	≥10.9	≥14.0	33-36	100C / 212F
38M	12.2-12.5	≥11.3	≥14.0	36-39	100C / 212F
40M	12.5-12.8	≥11.6	≥14.0	38-41	100C / 212F
42M	12.8-13.2	≥12.0	≥14.0	40-43	100C / 212F
45M	13.2-13.8	≥12.5	≥14.0	43-46	100C / 212F
48M	13.6-14.3	≥12.9	≥14.0	46-49	100C / 212F
50M	14.0-14.5	≥13.0	≥14.0	48-51	100C / 212F
30H	10.8-11.3	≥10.0	≥17.0	28-31	120C / 248F
33H	11.3-11.7	≥10.5	≥17.0	31-34	120C / 248F
35H	11.7-12.2	≥10.9	≥17.0	33-36	120C / 248F
38H	12.2-12.5	≥11.3	≥17.0	36-39	120C / 248F
40H	12.5-12.8	≥11.6	≥17.0	38-41	120C / 248F
42H	12.8-13.2	≥12.0	≥17.0	40-43	120C / 248F
45H	13.2-13.8	≥12.0	≥17.0	43-46	120C / 248F
48H	13.7-14.3	≥12.5	≥17.0	46-49	120C / 248F
30SH	10.8-11.3	≥10.1	≥20.0	28-31	150C / 302F
33SH	11.3-11.7	≥10.6	≥20.0	31-34	150C / 302F
35SH	11.7-12.2	≥11.0	≥20.0	33-36	150C / 302F
38SH	12.2-12.5	≥11.4	≥20.0	36-39	150C / 302F
40SH	12.4-12.8	≥11.8	≥20.0	38-41	150C / 302F
42SH	12.8-13.2	≥12.4	≥20.0	40-43	150C / 302F
45SH	13.2-13.8	≥12.6	≥20.0	43-46	150C / 302F
28UH	10.2-10.8	≥9.6	≥25.0	26-29	180C / 356F
30UH	10.8-11.3	≥10.2	≥25.0	28-31	180C / 356F
33UH	11.3-11.7	≥10.7	≥25.0	31-34	180C / 356F
35UH	11.8-12.2	≥10.8	≥25.0	33-36	180C / 356F
38UH	12.2-12.5	≥11.3	≥25.0	36-39	180C / 356F
40UH	12.4-12.8	≥11.3	≥25.0	38-41	180C / 356F
28EH	10.4-10.9	≥9.8	≥30.0	26-29	200C / 392F
30EH	10.8-11.3	≥10.2	≥30.0	28-31	200C / 392F
33EH	11.3-11.7	≥10.5	≥30.0	31-34	200C / 392F
35EH	11.7-12.2	≥11.0	≥30.0	33-36	200C / 392F
38EH	12.2-12.5	≥11.3	≥30.0	36-39	200C / 392F

Material: Samarium Cobalt (SmCo)

SmCo magnets are made of a strong permanent magnet alloy of samarium and cobalt. Compared to NdFeB magnets, SmCo magnets are weaker, but are better suited for working in higher temperatures. SmCo magnets are very anti-corrosive and generally do not require electroplated surface treatment.

Grade Name	Br (KG)	HcB (KOe)	Hcl (KOe)	BHmax (MGOe)	Tmax
YX18	8.5-9.0	≥7.8-8.2	≥15-19	16-18	250C / 482F
YX20	9.2-9.6	≥8.2-9.0	≥15-19	19-21	250C / 482F
YX24	9.6-10.0	≥9.2-9.7	≥15-19	22-24	250C / 482F
YXH24	9.5-10.2	≥8.0-9.2	≥18-25	22-24	300C / 572F
YXG26	10.2-10.5	≥9.4-10.0	≥18-25	24-26	300C / 572F
YXG28	10.5-10.8	≥9.5-10.0	≥18-25	26-28	300C / 572F
YXG28B	10.2-11.0	≥5.2-6.5	≥5.5-6.5	26-28	300C / 572F
YXG30	10.8-11.0	≥9.8-10.5	≥18-25	28-30	300C / 572F
YXG30B	10.8-11.0	≥5.2-5.6	≥5.5-6.5	28-30	300C / 572F

Material: Bonded Neodymium Iron Boron (NdFeB)

Bonded NdFeB is a cast/molded type of NdFeB which can be further machined and pressed into different shapes like rings, arcs, and many more complex geometries. It also has a higher corrosion resistance compared to sintered NdFeB. Bonded magnets offer less magnetic strength than sintered magnets but can be formed into intricately shaped parts.

Grade Name	Br (KG)	HcB (KOe)	Hcl (KOe)	BHmax (MGOe)	Tmax
BDM-4	3.5-4.5	≥3.0-3.5	≥8-10	3-4	120C / 248F
BDM-6	5.0-6.0	≥4.0-4.5	≥8-10	5-7	120C / 248F
BDM-8	5.5-6.5	≥4.5-5.0	≥12-14	5-8.5	150C / 302F
BDM-10	6.5-7.0	≥5.0-5.5	≥8-10	9-10	150C / 302F
BDM-12	7.0-8.0	≥5.5-6.0	≥9-11	10-12	80C / 176F
BDM-L	7.0-8.0	≥2.0-2.5	≥2.2-3.0	4.5-6.5	80C / 176F

Material: Flexible (Rubber)

Flexible Rubber magnets are made by mixing Ferrite or Neodymium magnet powders and synthetic or natural rubber binders. They are made by rolling (calendaring) or extrusion methods. Flexible magnets are applied because of their advantages of versatility, low cost, and ease of use. These magnets are usually manufactured in strip or sheet form that are widely used in micro-motors, gaskets, signs, and displays.

Grade Name	Br (KG)	HcB (KOe)	Hcl (KOe)	BHmax (MGOe)	Tmax
FRM-5	1.55-1.75	1.25-1.45	1.55-1.75	0.60-0.70	80C / 176F
FRM-6	1.6-1.8	1.3-1.5	1.60-1.80	0.65-0.75	80C / 176F
FRM-8	2.15-2.25	1.6-1.8	1.90-2.10	0.95-1.05	80C / 176F
FRM-11	2.4-2.5	1.65-1.85	1.75-1.95	1.35-1.45	80C / 176F
FRM-12	2.45-2.5	2.0-2.2	2.70-2.90	1.45-1.55	80C / 176F

Material: Aluminum-Nickel-Cobalt (AlNiCo)

AlNiCo magnets are very stable and have good corrosion resistance and a typical hardness of 50 Rockwell C. AlNiCo represents the most versatile magnet material available. The range of properties can be accurately designed for specific applications by changes to element analysis and heat treatment.

Grade Name	Br (KG)	HcB (KOe)	BHmax (MGOe)	Tmax
LN9	6.8	≥0.38	1.13	450C / 842F
LN10	6	≥0.5	1.2	450C / 842F
LNG12	7.2	≥0.5	1.55	450C / 842F
LNG13	7	≥0.6	1.6	450C / 842F
LNG34	12	≥0.6	4.3	525C / 977F
LNG37	12	≥0.6	4.65	525C / 977F
LNG40	12.5	≥0.6	5	525C / 977F
LNG44	12.5	≥0.65	5.5	525C / 977F
LNG52	13	≥0.7	6.5	525C / 977F
LNGT28	10	0.72	3.5	550C / 1022F
LNGT36J	7	1.75	4.5	550C / 1022F
LNGT32	8	1.25	4	550C / 1022F
LNGT40	8	1.38	5	550C / 1022F
LNGT60	9	1.38	7.5	550C / 1022F
LNGT72	1.05	1.4	9	550C / 1022F

Material: Ferrite (Ceramic)

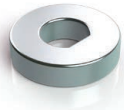
Ceramic, also known as Ferrite, magnets are made of a composite of iron oxide and barium/strontium carbonate by ceramic processing technology. Ferrites are, like most other ceramics, hard and brittle. In terms of their magnetic properties, ferrites are often classified as “soft” and “hard” which refers to their low or high coercivity of their magnetism, respectively.

Grade Name	Br (KG)	HcB (KOe)	Hcl (KOe)	BHmax (MGOe)	Tmax
C1	2.3	1.86	3.5	1.05	250C / 482F
C5	3.8	2.4	2.5	3.4	250C / 482F
C7	3.4	3.23	4	2.75	250C / 482F
C8	3.85	2.95	3.05	3.5	250C / 482F
C8B	4.2	2.913	2.96	4.12	250C / 482F
C9	3.8	3.516	4.01	3.32	250C / 482F
C10	4	3.617	3.51	3.82	250C / 482F
C11	4.3	2.512	2.56	4.32	250C / 482F

Plating & Coatings

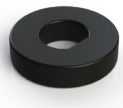
Plating neodymium magnets is an important process to protect the magnet against corrosion. All Neodymium Iron Boron magnets must be plated to avoid oxidization. Most of the magnets stocked by Amazing Magnets are Nickel Plated.

Nickel (Ni-Cu-Ni)
The most common plating Ni-Cu-Ni is a durable 3 layered coating. Great for indoor use. They may be used outdoors if protected from rain and humidity. Good abrasion resistance.



Zinc Plating (Zn)
Zinc is a standalone (one layer) plating. Zinc is self-sacrificing, meaning when it starts to oxidize the outside turns white, creating a durable layer of protection.

Gold (Ni-Cu-Ni-Au)
A very thin coating of cosmetic gold over a base layer of nickel and copper. Gold layer is .02 microns thick.



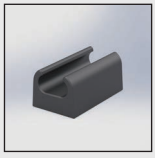
Black Epoxy (Ni-Cu-BE)
Black Epoxy plating consists of 3 layers Nickel, Copper, and Epoxy exposed as the top layer. Great for outdoor applications. However, black epoxy is not as abrasion resistant as other platings.

Raw Epoxy (BE)
Raw Epoxy is designed specifically for gluing applications where the magnet requires a good adhesion to epoxy glue. This coating consists of one layer of epoxy covering the magnet.

Everlube® 6155
Everlube 6155 is an aluminized barrier coating specially formulated to maximize adhesion and corrosion protection. It is very durable and provides excellent chemical and corrosion resistance.

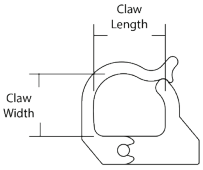
Plastic (Teflon®, ABS, etc.)
Plastics are very resilient and can be highly corrosion resistant. An injection mold is required to create the shell around the magnet. There will be a noticeable mold seam around the magnet (see picture).

Phosphate
Phosphate is a low-cost, temporary coating that protects the magnet for a limited period of time (2-4 months depending on conditions).

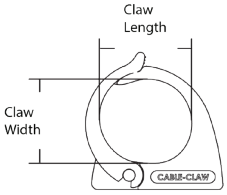


Cable Management
Magnetic Cable Claw & Magnetic Wire Clip

Organize cable and wires with a snap eliminating tangles and trips making your workspace, school or home free from clutter, safer and stress-free.

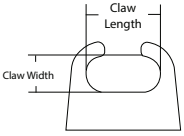


Cable Claw



Large Cable Claw

Item Code	Part Name	Length	Width
CABLE-CLAW-4PK	Cable Claw	0.75”	0.65”
LCC-BLK-4ABX	Large Cable Claw	1.125”	1.00”

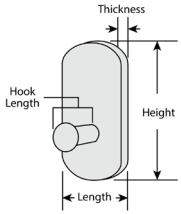


Wire Clip

Item Code	Part Name	Length	Width
WC625-500	Wire Clip	0.23”	0.12”

Magnetic Coat Hanger

Hang heavy items and power tools without drilling into walls.



Holds 25+ lbs on steel surfaces.

Item Code	Part Name	Hook Length	Width	Length	Thickness
CH-STBLACK	Coat Hanger	1”	1.625”	3.25”	1.375”

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