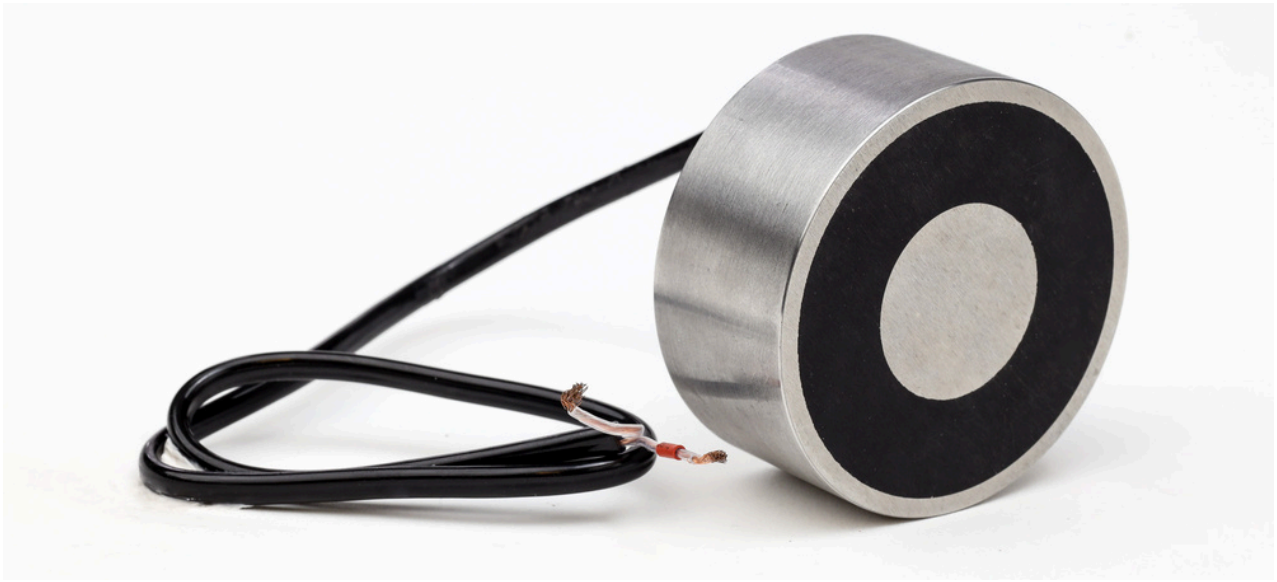
MAGMA MAGNETIC TECHNOLOGIES LTD.

PRODUCT CATALOG



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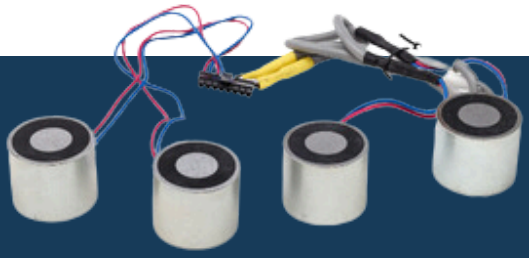


MAGMA MAGNETIC TECHNOLOGIES: A WORLD OF MAGNETIC SOLUTIONS

Welcome to Magma Magnetic Technologies, your premier source for permanent magnets, electromagnets, and innovative magnetic solutions across various industries.

Below is our product catalog, showcasing a wide range of magnets. It reflects over 40 years of extensive knowledge and experience in the field.

E&OE

PERMANENT MAGNETS

Permanent magnets are classified primarily according to the material they are made of. Industrial magnets are mainly made of neodymium, samarium cobalt, alnico and ferrite (ceramic magnets).

Neodymium Magnets

(NdFeB)

- Heat resistance: from 80ºC to 240ºC
- Strong magnets used in a wide variety of applications

Samarium Cobalt Magnets

(SmCo)

- Heat resistance: from 250ºC to 350ºC
- Strong and heat-resistant magnets are used in applications that require high heat resistance, such as industrial furnaces, gas turbine engines, and more.

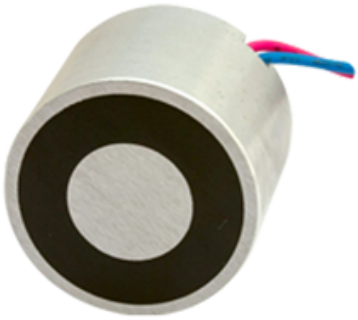
Alnico Magnets

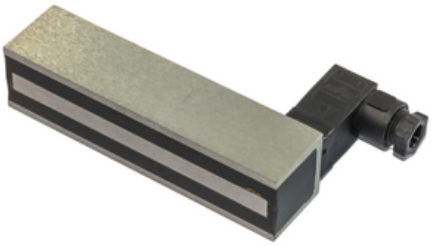
Alnico-type magnets consist mainly of a mixture of metals, such as aluminum, nickel, cobalt, and iron, and are suitable for working at high temperatures, up to 550ºC.

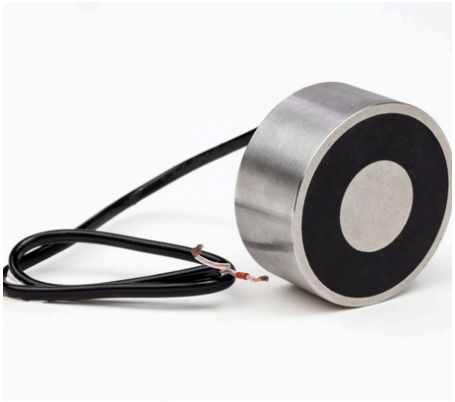
ELECTROMAGNETS

Strong and sophisticated electromagnets allow total control of the magnetic field. Unlike permanent magnets, electromagnets operate using an electric current that allows the magnetic field to be turned on and off and to control its strength as needed.

You have a wide variety of coils and cores at your disposal.







POT MAGNETS

Pot magnets are used to hold metals.
A permanent magnet is installed inside a metal cup, with the active magnetic side facing down.

A wide variety of sizes and shapes, resistant to heat and corrosion.

Attention Please!

The magnet data in the catalog is only general and can change depending on the quality of the magnet and its use.

You should consult Magma's expert team before choosing the right magnet for your specific application.

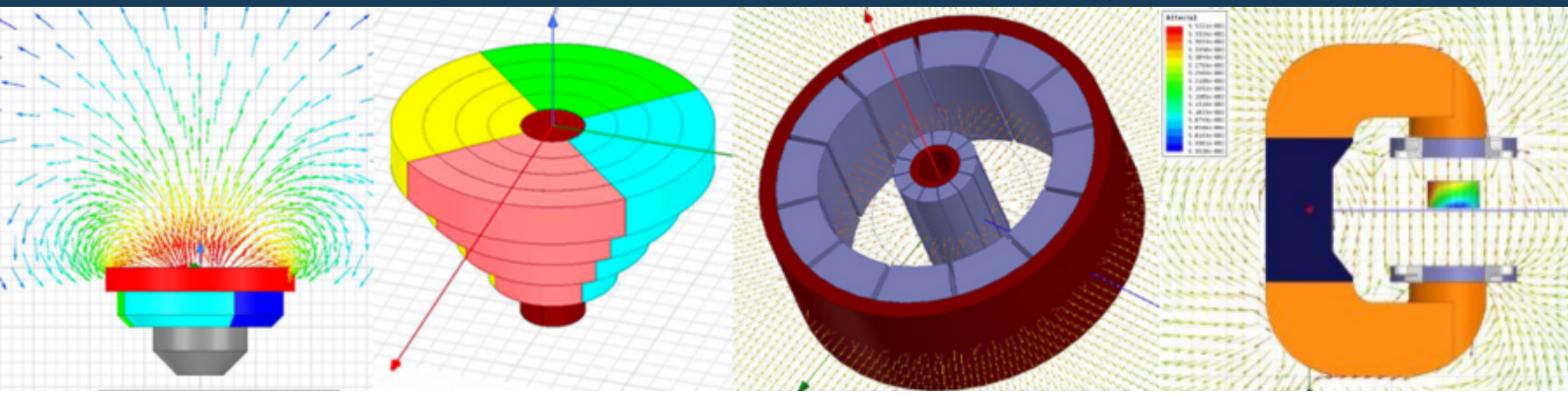
Unique Magnetic Solutions:

Magma Magnetic Technologies specializes in designing and developing customized magnetic solutions for every need.

Our experts will be happy to assist you in choosing the perfect magnetic solution.

Additional Services:

Magnetic Simulation
Magnetic Consulting
Magnetic R&D
Magnetic Design to Cost
customized Magnetic Solutions
Magnetic Laboratory Services
Fast and efficient delivery
Excellent customer service



contact us for more information

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www.magmamagnets.com

Magnetic Force Calculator

Magma *- The right source for all your magnetic needs*

NEODYMIUM MAGNETS

(NdFeB)

Disk-Shaped Neodymium Magnets

Part Number	Diameter (mm)	Thickness (mm)	Coating	Grade	Pull (Kg)
NDDR002001A	2	1	Zn	N35	0.1
NDDR002002C	2	2	Ni	N35	0.2
NDDR003001A	3	1	Zn	N35	0.15
NDDR003002B	3	2	Zn	N40	0.34
NDDR003003A	3	3	Zn	N40	0.51
NDDR004002B	4	2	Zn	N48	0.53
NDDR004001B	4.76	1.59	Ni	N42	0.45
NDDR004003B	4	3	Ni	N50	0.85
NDDR004004D	4	4	Zn	N35	0.79
NDDR005002A	5	2	Ni	N35	0.49
NDDR005002E	5	2.5	Zn	N35	0.62
NDDR005003D	5	3	Ni	N35	0.74
NDDR006001H	6	1	Ni	N35	0.3
NDDR006001A	6	1.8	Ni	N35	0.53
NDDR006002A	6	2	Zn	N35	0.59
NDDR006004B	6	4	Zn	N35	1.19
NDDR006006A	6	6	Zn	N35	1.78
NDDR006006B	6.3	6	Zn	N40	2.13
NDDR007002A	7	2	Zn	N35	0.69
NDDR008002A	8	2	Zn	N35	0.79
NDDR008003A	8	3	Zn	N35	1.19
NDDR008004B	8	4	Zn	N35	1.58
NDDR008005B	8	5	Zn	N35	1.98
NDDR009003A	9	3	Zn	N35	1.33

Continued - Disk-Shaped

Part Number	Diameter (mm)	Thickness (mm)	Coating	Grade	Pull (Kg)
NDDR010002C	10	2	Zn	N35	0.99
NDDR010004A	10	4	Zn	N35	1.98
NDDR010005B	10	5	Ni	N35	2.47
NDDR010008B	10	8	Zn	N35	3.95
NDDR012003A	12	3	Zn	N35	1.78
NDDR012004A	12	4	Zn	N35	2.37
NDDR012005A	12	5	Zn	N35	2.96
NDDR012006A	12	6	Ni	N45	3.56
NDDR015003A	15	3	Zn	N35	2.22
NDDR015004B	15	4	Zn	N35	2.96
*NDDR015005B	15	5	Zn	N48H	3.71
NDDR018003A	18	3	Zn	N35	2.67
NDDR007004D	7	4	Zn	N35	1.38
NDDR010001C	10	1	Zn	N35	0.49
NDDR005004C	5	4	Zn	N35	0.99
NDDR005005E	5	5	Zn	N35	1.24
NDDR020003AMD	20	3	Zn	N35	2.96
NDDR020005AMD	20	5	Zn	N35	4.94
NDDR022007AMD	22	7	Zn	N40	8.68
NDDR025012AMD	25	12	Zn	N40	16.92

For the full list of Disk-Shaped Neodymium Magnets – Click Here

Block-Shaped Neodymium Magnets

Part Number	Length (mm)	Width (mm)	Thickness (mm)	Grade	Coating	Pull (Kg)
NDBR007005B	7	5	2	N35	Zn	0.66
NDBR007005E	7	5	3	N35	Ni	0.99
NDBR010010A	10	10	5	N35	Zn	2.78
NDBR020015F	20	15	4	N35	Zn	3.86
NDBR020015A	20	15	4	N35	Ni	3.86
NDBR020015G	20	15	5	N35	Zn	4.83
NDBR023008A	23	8	8	N35	Zn	6.05
NDBR024010A	24	10	3	N35	Zn	2.59
NDBR028010A	28	10	3	N35	Zn	2.8
NDBR028010B	28	10	5	N35	Zn	4.66
NDBR035021C	35	21	10	N35	Zn	15.11
NDBR035021A	35	21	21	N35	Zn	31.74
NDBR037020B	37	20	3	N35	Ni	4.55
NDBR040005A	40	5.3	2.5	N35	Ni	2.03
NDBR050035A	50	35	35	N35	Zn	81.62
NDBR080080A	80	80	15	N35	Zn	66.9
NDBR080080B	80	80	20	N35	Zn	89.2
NDBR010010BMD	10	10	3	N35	Zn	1.67

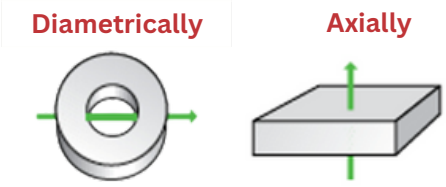
For the full list of Block-Shaped Neodymium Magnets – Click Here

Cylinder-Shaped Neodymium Magnets

Part Number	Diameter (mm)	Thickness (mm)	Coating	Grade	Pull (Kg)
NDCR002004B	2	4	NiSn	N40H	0.4
NDCR002003A	2	3	Ni	N35H	0.3
NDCR003012C	3	12	Ni	N45	2.1
NDCR003012A	3.5	12	Zn	N42	2.5
NDCR004005B	4	5	NiCuE	N40	1.1
NDCR005012A	5	12	Zn	N35	2.8
NDCR006020A	6	20	Zn	N40	5.9
NDCR006036A	6	36	Ni	N35	8
NDCR012028A	12	28	Ni	N42	16

Ring-Shaped Neodymium Magnets

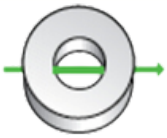
Part Number	Item Description	Outer Diameter (mm)	Inner Diameter (mm)	Thickness (mm)	Direction of Magnetization 1
NDRR005002A	N48M/NiCuNi R 5x3.2x2.5	5	3.2	2.5	Axially-thickness
NDRR005003B	N38/NiCuNi R 5.5x1.2x3	5.5	1.2	3	Axially-thickness
NDRR006000A	N52/NiCuNi R 6x2.5x0.8	6	2.5	0.8	Axially-several poles
NDRR006002A	N52/Zn R 6x1x2	6	1	2	Diametrically
NDRR007001A	N35/Zn R 7.5x3.2x1.5	7.5	3.2	1	Axially-thickness
NDRR007001B	BMN-40/NiCuNi R 7.5x3x1	7.5	3	1	Diametrically
NDRR007001C	N50/NiCuNi R 7.5x3x1	7.5	3	1	Diametrically
NDRR007001D	N52/NiCuNi R 7.5x3x1	7.5	3	1	Diametrically
NDRR007001J	N45/ZN R 7.5x3.2x1.5	7.5	3.2	1.5	Axially-thickness
NDRR007002B	N35/Zn R 7.5x3.2x2	7.5	3.2	2	Axially-thickness
NDRR007006A	N50/Zn R 7.62x1.98x6.1	7.6	1.98	6.1	Axially-thickness
NDRR008020A	N48/Zn R 8.2x20x4.5	8.2	20	4.5	Diametrically
NDRR008020B	N48/Zn R 8.5x20x4.5	8.5	20	4.5	Axially-length
NDRR008025A	N48/Zn R 8.5x4.5x25	8.5	4.5	25	Axially-length
NDRR008025B	N48/Zn R 8.5x25x4.5	8.5	25	4.5	Diametrically
NDRR009002A	N28EH/NiCuNi R 9.5x3x2.4	9.5	3	2.4	Diametrically
NDRR009002B	N38AH/NiCuNi R 9.5x3x2.4	9.5	3	2.4	Diametrically
ndrr009003	N48/Ni D 9.25x3.5	9.25		3.5	Diametrically
NDRR009003A	N33H/Ni R 9.55x3.175x3.175	9.55	3.17	3.17	Axially-thickness
NDRR009003B	N35/NiCuNi R 9.5x3.2x3.1	9.5	3.2	3.1	Axially-thickness
NDRR009003C	N42/NiCuNi R 9.525x3.454x3.175	9.525	3.45	3.17	Axially-thickness
NDRR009007A	N35/Zn R 9.6x2x7.5	9.6	2	7.5	Axially-thickness
NDRR010002A	N35/Zn R 10x3x2	10	3	2	Axially-thickness
NDRR010003A	N35/NiCuNi R 10x3.4x3	10	3.4	4.3	Axially-thickness
NDRR010003B	N35/Zn R 10x2x3	10	2	3	Axially-thickness
NDRR010003C	N38UH/NiCuNi R 10x5x3	10	5	3	Axially-thickness
NDRR010003D	N35/Zn R 10x5.5x3	10	5.5	3	Axially-thickness
NDRR010004A	N35M/Zn R 10x6x4	10	6	4	Axially-thickness
NDRR010004B	N45/NiCuNi R 10x3.2x4	10	3	2.4	Axially-thickness
NDRR010005B	N35/Zn R 10x5x5	10	5	5	Axially-thickness



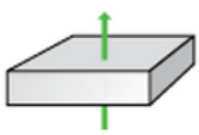
Continued - Ring-Shaped

Part Number	Item Description	Outer Diameter (mm)	Inner Diameter (mm)	Thickness (mm)	Direction of Magnetization 1
NDRR010005C	N45/Zn R 10x5x5	10	5	5	Axially-thickness
NDRR011001A	N28EH/nIcUnI R 11.5x3x1.6	11.5	3	1.6	Diametrically
NDRR011001B	N38AH/NiCuNi R 11.5x3x1.6	11.5	3	1.6	Diametrically
NDRR011002A	N52/Ni R 11.7x8.6x2	11.7	8.6	2	Axially-thickness
NDRR011005A	N35/Zn R 11x5/7x5	11.2	5.7	5	Axially-thickness
NDRR011005B	N35/Zn R 11x2.1x5	11.2	2.1	5	Axially-thickness
NDRR011005C	N48/Zn R 11x2.1x5	11.2	2.1	5	Axially-thickness
NDRR011005D	N35/Ni R 11x2.1x5	11.2	2.1	5	Axially-thickness
NDRR012001A	N33/NiE R 12.6x8.6x1.5	12.6	8.6	1.5	Axially-thickness
NDRR012001B	N48H/Phosphated R 12.4x10x1	12.4		10.1	Axially-thickness
NDRR012001C	R 12.4x10x1	12.4	10	1	Axially-thickness
NDRR012002C	N50/Epoxy R 12.9x5.6x2.5	12.9	5.6	2.5	Axially-thickness
NDRR012002D	N50/Epoxy R 12.9x5.2x2.5	12.9	5.2	2.5	Axially-thickness
NDRR012003B	N42/NiCuNi R 12.7x3.2x3	12.7	3.2	2.3	Axially-thickness
NDRR012003C	N35/NiCuNi R 12.5x3x3	12.5	5	3	Axially-thickness
NDRR012003E	N35/NiCuNi R 12x8.5x3	8.5	5	3	Axially-thickness
NDRR012003F	N35/Zn R 12x5.5x3	5.5	5	3	Axially-thickness
NDRR012004A	N42/NiCuNi R 12x3.2x4	3.2	3	4	Axially-thickness
NDRR012005A	N35/Zn R 12x3.1x5	3.1	3.1	5	Axially-thickness
NDRR012006B	N35/NiCuNi R 12x3.4x6	3.4	3.4	4.6	Axially-thickness
NDRR012006E	N35UH/NiCuNi R 12.7x3.18x6.35	12.7	3.18	6.35	Axially-thickness
NDRR012008A	N35/Zn R 12x7x3.4x8	12.7	7.3	8	Axially-thickness
NDRR012008B	N50M/Epoxy R 12.8x8x7	12.8	8	8.7	Radially-O.D
NDRR012008C	N52/Epoxy R 12.8x8x7	12.8	8	8.7	Radially-O.D
NDRR013002A	N40H/NiCuE R 13.8x5x2	13.8	5	2	Axially-thickness
NDRR013002B	N35/Zn R 13.8x2x5/6	13.8	2	5.6	Axially-thickness
NDRR013002C	N40H/NiCuNi R 13.8x5x2	13.8	5	5.2	Axially-thickness
NDRR013002D	N48/Ni R 13.5x9.7x2.5	13.5	9.7	2.5	Axially-thickness
NDRR013002E	13.5x9.7x2.5	13.5	9.7	2.5	Axially-thickness
NDRR013003A	N35/NiCuNi R 13x7.2x3	13	7	2.3	Axially-thickness
NDRR013004A	N45/NiCuNi R 13.3x8.2x4	13.3	8.2	2.4	Axially-thickness

Diametrically

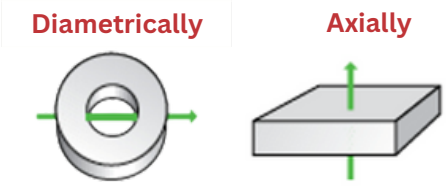


Axially



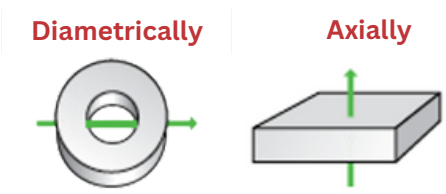
Continued - Ring-Shaped

Part Number	Item Description	Outer Diameter (mm)	Inner Diameter (mm)	Thickness (mm)	Direction of Magnetization 1
NDRR013004B	N50/NiCuNi R 13.3x8.2x4	13.3	8.2	2.4	Axially-thickness
NDRR013005A	N35/NiCuNi R 13x4x5	13	4	5	Axially-thickness
NDRR014001A	N35H/NiCuE R 14.6x8.55x1.5	14.6	8.55	1.5	Axially-thickness
NDRR014001B	N40H/NiCuE R 14.6x8.55x1.5	14.6	8.55	1.5	Axially-thickness
NDRR014001C	N35EH/NiCuE R 14.6x8.55x1.5	14.6	8.55	1.5	Axially-thickness
NDRR014003B	N35UH/NiCuNi R 14x6.8x3	6.8	6.8	3	Diametrically
NDRR014006A	N35M/NiCuE R 14x6x6	14	6	6	Anisotropy
NDRR015003A	N42/Ni R 15x10x3	15	10	3	Axially-thickness
NDRR015003B	N42/Ni R 15x10x3	15	10	3	Diametrically
NDRR015003D	N35/ZN R 15x5.5x3	5.5	5.5	5.3	Axially-thickness
NDRR015003E	N35/Ni R 15.875x4.191x3.175	15.875	4.19	3.17	Axially-thickness
NDRR015004A	N35/ZN R 15x5.5x3	5.5	5.5	3	Axially-thickness
NDRR015005A	N35/NiCuNi R 15x5.2x5	5.2	5.2	3.17	Axially-thickness
NDRR016002A	N42/Zn R 16x10x2.5	2.5	10	2.5	Axially-thickness
NDRR016003A	NdFeB/NiCuNi R 16x4.5x3.5	4.5	4.5	3.5	Axially-thickness
NDRR017001A	N27/Zn R 17.5x12x1.1	17.5	12.1	1.1	Axially-thickness
NDRR017003A	N35/Zn R 17.5x7.5x3	17.5	7.5	5.3	Axially-thickness
NDRR017003B	N35/Zn R 17.5x7.2x3	17.5	7.2	2.3	Axially-thickness
NDRR017003C	N40/Zn R 17.5x7.2x3	17.5	7.2	2.3	Axially-thickness
NDRR017003D	N45/Zn R 17.5x7.2x3	17.5	7.2	2.3	Axially-thickness
NDRR018003A	N35/Zn R 18x5.5x3	18	5.5	3	Axially-thickness
NDRR018003B	N35/Zn R 18.5x5.5x3	18	5.5	3	Axially-thickness
NDRR018003C	N35Epoxy R 18.74x11.43x3.18	18.74	11.43	3.18	Axially-thickness
NDRR018008A	N35/Zn 18x12x8	18	12	8	Diametrically
NDRR018011A	N40H/NiCuNi R 18x11.5x13.5	18	11.5	13.5	Radially-O.D
NDRR018011B	NdFeB/NiCuNi R 18x13x11.5	18	13	11.5	Radially-several poles
NDRR018015A	N40H/NiCuNi R 18x15x13.5	18	15	13.5	Radially-O.D
NDRR019003A	N35/NiCuNi R 19.05x10.16x3.175	19.05	10.16	3.17	Axially-thickness
NDRR019003C	N35/NiCuNi R 19.05x11.887x3.175	19.05	11.88	3.17	Axially-thickness
NDRR019003D	N35/Epoxy R 19.05x11.43x3.18	19.05	11.43	3.18	Axially-thickness



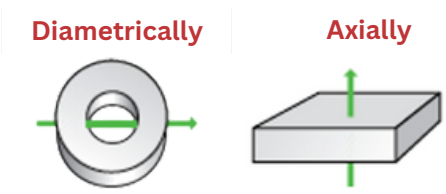
Continued - Ring-Shaped

Part Number	Item Description	Outer Diameter (mm)	Inner Diameter (mm)	Thickness (mm)	Direction of Magnetization 1
NDRR019003E	N38/Epoxy R 19.05x11.43x3.18	19.05	11.43	3.18	Axially-thickness
NDRR019003F	N45/Epoxy R 19.05x11.43x3.18	19.05	11.43	3.18	Axially-thickness
NDRR019003G	N42/Epoxy R 19.05x11.43x3.18	19.05	11.43	3.18	Axially-thickness
NDRR019004A	NdFeB Bonded/Epoxy R 19.63x16.02x4.54	19	16.02	4.54	Radially
NDRR019005A	N42/Zn R 19x14x5	19	14	5	Axially-thickness
NDRR019005B	N48/Ni R 19.9x15.1x5	19	15	5	Axially-thickness
NDRR020004A	N38H/Ni R 20x16x4.54	4.54	16	4.45	Radially
NDRR020006C	N50/NiCuNi R 20x16.1x6	16.1	16.1	1.6	Axially-thickness
NDRR020006D	NdFeB R 20.5x15.5x6	20.6	15.5	1.6	Radially
NDRR020010A	N35/NiCuNi R 20x4.5x9.1x10	4.5	9.1	1.1	Axially-thickness
NDRR020019A	N38H / NiCuEpoxy 20x5x19	20	5	19	Axially-thickness
NDRR021015A	NFZ-9/Black Electrophorests R 21x15x15	21	15	15	Radial 6 poles on OD
NDRR021015B	NdFeB Bonded R 21x15x15	21	15	15	Skewed Radial
NDRR022003B	N35/Zn R 22x13.2x3	22	13.2	2.3	Radially
NDRR022004A	N40/Zn R 22x6.5x4	22	6.5	5.4	Axially-thickness
NDRR022004B	N35H/NiCuNi R 22x6.5x4	22	6.5	5.4	Axially-thickness
NDRR022004C	N35/NiCuNi 22x6.5x4	22	6.5	5.4	Axially-thickness
NDRR022008A	N40/Zn R 22x6.5x8	22	6.5	5.8	Axially-thickness
NDRR022010A	N50.NiCuNi R 22x10x10	22	10	10	Axially-thickness
NDRR022013A	NdFeB/NiCuNi R 22x8x13	22	8	13	Diametrically
NDRR023003A	N35/Epoxy R 23.56x13.97x3.18	23.56	13.97	3.18	Axially-thickness
NDRR023003B	N35/Epoxy R 23.08x13.97x3.18	23.08	13.97	3.18	Axially-thickness
NDRR023010A	N35/Ni R 23x16.6x10	23	16.6	10	Axially-thickness
NDRR023016A	N33SH/Epoxy R 23.8x16x18.75	23.8	16	18.75	Radially
NDRR024003A	N35/Epoxy R 24.95x13.97x3.18	24.95	13.97	3.18	Axially-thickness
NDRR024003B	N35/Epoxy R 24.5x13.97x3.18	24.5	13.97	3.18	Axially-thickness
NDRR024003C	N35/Epoxy R 24.03x13.97x3.18	24.03	13.97	3.18	Axially-thickness
NDRR024003D	N38/Epoxy R 24.95x13.97x3.18	24.95	13.97	3.18	Axially-thickness
NDRR024003E	N38/Epoxy R 24.5x13.97x3.18	24.5	13.97	3.18	Axially-thickness
NDRR024003F	N38/Epoxy R 24.03x13.97x3.18	24.03	13.97	3.18	Axially-thickness
NDRR024006A	N35/NiCuNi R 24x18x6.5	6.5	18	6.5	Axially-thickness



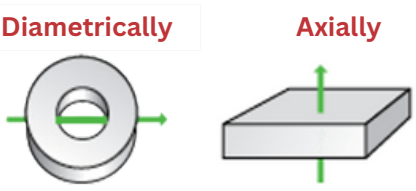
Continued - Ring-Shaped

Part Number	Item Description	Outer Diameter (mm)	Inner Diameter (mm)	Thickness (mm)	Direction of Magnetization 1
NDRR025003A	N35/Epoxy R 25.4x13.97x3.18	25.4	13.97	3.18	Axially-thickness
NDRR025003B	N38/Epoxy R 25.4x13.97x3.18	25.4	13.97	3.18	Axially-thickness
NDRR025003C	N42/Epoxy R 25.4x13.97x3.18	25.4	13.97	3.18	Axially-thickness
NDRR025003D	N45/Epoxy R 25.4x13.97x3.18	25.4	13.97	3.18	Axially-thickness
NDRR025035A	N50/NiCuNi + Electroless Ni	25		35	Multi-Pole one side
NDRR026010A	NdFeB/NiCuNi R 26.92x21.23x10.92	26.92	21.23	10.92	Radially-several poles
NDRR027002A	N35/NiCuNi R 27x17x2	27	17	2	Axially-thickness
NDRR027003A	N42/NiCuNi R 27.08x21.29x3.3	27.08	21.29	3.3	Radially
NDRR027005A	NdFeB Bonded/Epoxy R 27x6x5	27	6	6.5	Radially
NDRR028010A	N35/Ni R 28.1x22.1x10	28	22.1	1.1	Axially-thickness
NDRR028010B	N40/Ni R 28.1x22.1x10	28	22.1	1.1	Axially-thickness
NDRR029004A	N52/Ni R 29.3x16.5x4	29	16	5.4	Axially-thickness
NDRR029004B	N45/NiCuNi R 29.6x25.4x4	29.6	25.4	4.4	Axially-thickness
NDRR029004C	N50/NiCuNi R 29.6x25.4x4	29.6	25.4	4.4	Axially-thickness
NDRR029005A	N52/Zn R 29.4x16.5x5	29	16.5	5.5	Axially-thickness
NDRR029005B	N52/Ni R 29.3x16.5x5	29	16.5	5.5	Axially-thickness
NDRR029006A	N52/EPOXY D29.5X25.5X6XD1	29.5	25.5	5.6	Diametrically
NDRR029006B	N52/EPOXY D29.5X25.5X6	29.5	25	5.6	Diametrically
NDRR029007A	N42M/Zn R 29.03x16.71x7.2	29.03	16.71	7.2	Radially
NDRR030010B	N35/NiCuE R 30x20x10	30	20	10	Radially-I.D
NDRR030010C	N35AH/Ni R 30x10x15	30	10	15	Diametrically
NDRR030015A	N35AH/Ni R 30x15x15	30	15	15	Diametrically
NDRR030030A	N35/ NiCuE R 30x20x30	30	20	30	Radially-several poles
NDRR030030B	N42/NiCuE R 30x20x30	30	20	30	Radially-several poles
ndrr031	N35/NiCuNi R 13x7.2x3	13	7	2.3	Axially-thickness
NDRR031003A	N35/Zn R 31x25x3	31	25	3	Axially-thickness
NDRR031003B	N40/NiCuNi R 31.8x19.2x3.1	31.8	19.2	3.1	Axially-thickness
NDRR031003C	N35/NiCuNi R 31.75x19.05x3.175	31.75	19.05	3.17	Axially-thickness
NDRR031005A	N45/NiCuNi R 31x9x5	31	9	5	Axial 2 poles on surface
NDRR034010A	N35AH/Ni R 34x10x15	34	10	15	Diametrically
NDRR034015A	N35AH/Ni R 34x15x15	34	15	15	Diametrically



Continued - Ring-Shaped

Part Number	Item Description	Outer Diameter (mm)	Inner Diameter (mm)	Thickness (mm)	Direction of Magnetization 1
NDRR034024A	N35M/NiCuE R 34x2x6	34	2	6	Radially
NDRR035030A	N30UH/NiCuNi R 35.6x30x28.4	35.6	30	28.4	Diametrically
NDRR035040B	NdFeB/Epoxy R 35x40x25	35	40	25	Multi-Pole one side
NDRR035042A	N30UH/NiCuNi R 35.6x42x28.4	36.6	42	28.4	Diametrically
NDRR037001A	N35/Zn R 37.9x19.2x1.4	37.9	19	1.4	Axial 2 poles on surface
NDRR037001B	N40/Zn R 37.9x19.2x1.4	37.9	19	1.4	Axial 2 poles on surface
NDRR038020A	N35UH/NiCuNi R 38x28x20	38	28	20	Radially
NDRR040002A	N35/NiCuNi R 40x3.4x2	40	3.4	4.2	Axially-thickness
NDRR040002B	N35/NiCuNi R 40x3.4x2.5	40	3.4	4.2	Axially-thickness
NDRR040004A	N35H/NiCUNi R 40x32x4.5	40	32	4.5	Axially-thickness
NDRR040004B	N35/NiCuNI R 40x32x4.5	40	32	4.5	Axially-thickness
NDRR040015A	N50H/NiCuEpoxy R 40x2.05x15	40	2.05	15	Axially-thickness
NDRR042004A	N35H/NiCuNi R 42x30x4	42	30	4	Axially-thickness
NDRR042030A	N30UH/NiCuNi R 42.8x30x30.8	42.8	30	30.08	Diametrically
NDRR042040A	N45/NiCuNi R 42x22x40	42	22	40	Axially-thickness
NDRR042042A	N30UH/NiCuNi R 42.8x42x30.8	42.8	42	30.8	Diametrically
NDRR044015A	N50H/NiCuEpoxy R 44x2.05x15	44	2.05	5.15	Axially-thickness
NDRR045007A	NdFeB Bonded BNP12/Epoxy R 45x8.8x7	45	8.8	7	Radially
NDRR045007B	NdFeB Bonded BNP 11/Epoxy R 45x8.8x7	45	8.8	7	Radially
NDRR047006A	NdFeB Bonded BNI-4 R 47x36x6.5	47	36.6	6.5	Radially
NDRR047006B	NdFeB Bonded BNP-6 R 47x36x6.5	47	36.6	6.5	Radially
NDRR047006C	NdFeB Bonded BNP-10 R 47x36x6.5	47	36.6	6.5	Radially
NDRR047030A	N35/NiCuE R 47.2x37.2x30	47	37.2	30	Radially-several poles
NDRR048029A	N42/NiCuE R 48.2x38.8x29	48.2	38.3	8.29	Radially-several poles
NDRR048035A	N45/NiCuNi R 48x12x35	48	12	35	Axially-thickness
NDRR049007A	N48SH/NiCuNi R 49x35x7	49	35	7	Radially
NDRR049007B	N48SH/NiCuNi R 49x35x7	49	35	7	Radially
NDRR049007C	N48SH/NiCuNi R 49x35x7	49	35	7	Axially-thickness
NDRR050005A	N45/NiCuNi R 50x40x5	50	40	5	Axially-thickness
NDRR050010C	N50/NiCuNi R 50x30x10	50	30	10	Axially-thickness
NDRR050015A	N40H/NiCU+Black Epoxy R 50x10.5x15	59	10.5	15	Axially-thickness



Continued - Ring-Shaped

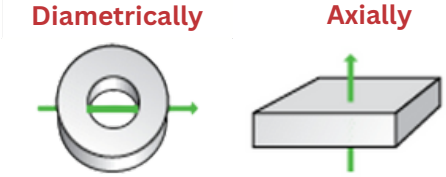
Part Number	Item Description	Outer Diameter (mm)	Inner Diameter (mm)	Thickness (mm)	Direction of Magnetization 1
NDRR056029A	55/100pw/Epoxy R 56x43x29.5	56	43	29.5	Diametrically
NDRR060005A	N35SH/SS R 60x45x5	60	45	5	Axially-thickness
NDRR060005B	N35SH/SS R 60x44.5x5	44.5	44	5	Axially-thickness
NDRR060005C	N35SH/NiCuNi R 60x44.3x5	44.3	44	5	Axially-thickness
NDRR062006A	N35H/NiCuNi R 62x50x6	62	50	6	Axially-thickness
NDRR062006B	N35SH/NiCuNi +Black Epoxy R 62x50x6	62	50	6	Axially-thickness
NDRR062006C	N35SH/Teflon R 62x50x6	62	50	6	Axially-thickness
NDRR065007A	N48H/NiCuNi R 65.5x51.5x7	65.5	51.5	5.7	Radially
NDRR065007B	N48H/NiCuNi R 65.5x51.5x7	65.5	51.5	5.7	Radially
NDRR065007C	N48H/NiCuNi R 65.5x51.5x7	65.5	51.5	5.7	Axially-thickness
NDRR068004A	N35H/NiCuNi R 68x56x4	68	56	4	Axially-thickness
NDRR070007A	N35SH/NiCuNi R 70x60x7	70	60	7	Axially-thickness
NDRR070010A	N42SH/NiCuNi R 70x30x10	70	30	10	Axially-thickness
NDRR070010B	N42SH/NiCuNi R 70x40x10	70	40	10	Axially-thickness
NDRR070012A	N35H/NiCuNi R 70x50x12	70	50	12	Axially-thickness
NDRR072006A	N35H/NiCuNi R 72x60x6	72	60	6	Axially-thickness
NDRR075015A	N38H/Zn R 75x40x15	75	40	15	Axially-thickness
NDRR080010A	N52/NiCuEpoxy R 80x70x10	80	70	10	Axially-thickness
NDRR080012A	N35H/NiCuNi R 80x56x12	80	56	12	Axially-thickness
NDRR080014B	N35H/NiCuNi R 80x56x14	80	56	14	Axially-thickness
NDRR084012A	N35H/NiCuNi 84x56x12	84	56	12	Axially-thickness
NDRR084014A	N35H/NiCuNi R 84x56x14	84	56	14	Axially-thickness
NDRR085006A	N35H/NiCuNi R 85x70x6	85	70	6	Axially-thickness
NDRR094006A	N35H/NiCuNi R 94x78x6	94	78	6	Axially-thickness
NDRR098006A	N35H/NiCuNi R98x86x6	98	86	6	Axially-thickness
NDRR100010A	N35/Zn R 100x40x10	100	40	10	Axially-thickness
NDRR100020B	N50SH/NiCuNi R 100.84x49.53x20.32	100.84	49.53	20.32	Axially-thickness
NDRR101012A	N30EH/Zn R 101.6x82.4x12.7	101.6	82.4	12.7	Axially-thickness
NDRR102006A	N35H/NiCuNi R 102x90x6	102	90	6	Axially-thickness
NDRR106006A	N35H/NiCuNi R 106x94x6	106	94	6	Axially-thickness
NDRR106008A	N35H/NiCuNi R 106x90x8	106	90	8	Axially-thickness
NDRR108006A	N35H/NiCuNi R 108x96x6	108	96	6	Axially-thickness
NDRR108009A	N35H/NiCuNi R 108x90x9	108	90	9	Axially-thickness
NDRR110010A	N35H/NiCUNi R 110x90x10	110	90	10	Axially-thickness
NDRR112012A	N35H/NiCuNi R 112x92x12	112	92	12	Axially-thickness
NDRR115011A	N42SH/NiCuNi R 115x80x11	115	80	11	Axially-thickness
NDRR115012A	N42SH/NiCuNi R 115x80x12	115	80	12	Axially-thickness
NDRR116006A	N35/NiCuNi R 116x104x6	116	104	6	Axially-thickness

SAMARIUM COBALT MAGNETS

(SmCo)

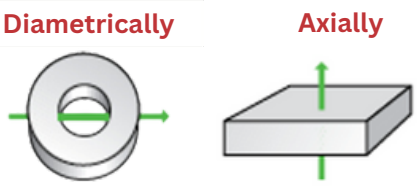
Disk-Shaped Samarium Cobalt

Part Number	Item Description	Diameter (mm)	Thickness (mm)	Direction of Magnetization 1
SMDR002001A	SmCo5 D 2.5x1	2.5	1	Diametrically
SMDR003001A	Sm2Co17 D 3x1	3	1	Diametrically
SMDR003002A	Sm2cO17 D 3x2	3	2	Axially-thickness
SMDR004002B	Sm2Co17 D 4x2	4	2	Axially-thickness
SMDR004004A	Sm2Co17/Ni D 4x4	4	4	Diametrically
SMDR004004B	SmCo D 4x4	4	4	Axially-thickness
SMDR004004C	Sm2Co17 D 4x4	4	4	Diametrically
SMDR005001A	SmCo5 D 5x1.2	5	1.2	Axially-thickness
SMDR005004A	SmCo D 5x4.2	5	4.2	Axially-thickness
SMDR006002A	SmCo D 6x2	6	2	Axially-thickness
SMDR006002B	SmCo D 6x2.5	6	2.5	Diametrically
SMDR006003A	Sm2cO17 D 6.35x3.81	6.35	3.81	Diametrically
SMDR006004A	Sm2Co17 D 6x4.7	6	4.7	Axially-thickness
SMDR009005A	SmCo5 D 9x5	9	5	Axially-thickness
SMDR009007A	SmCo5 D 9.5x7	9.5	7	Axially-thickness
SMDR010003A	Sm2cO17 D 10x3	10	3	Axially-thickness
SMDR010003B	SmCo D 10x3	10	3	Diametrically
SMDR010006A	SmCo5 D 10x6.5	10	6.5	Axially-thickness
SMDR010009A	Sm2Co17 D 10x9	10	9	Axially-thickness
SMDR015004A	Sm2Co17 D 15x4	15	4	Axially-thickness
SMDR015004B	VACOMAX 225HR D 15x4	15	4	Axially-thickness
SMDR017005A	Sm2Co17 D 17x5	17	5	Axially-thickness
SMDR025008A	SmCo5 D 25x8	25	8	Axially-thickness
SMDR059044A	Sm2Co17 D 59.5x44	59.5	44	Axially-thickness
SMDR059044B	Sm2Co17 D 59.5x44	59.5	44	Axially-thickness
SMDR080050A	Sm2Co17 D 80x50	80	50	Axially-thickness



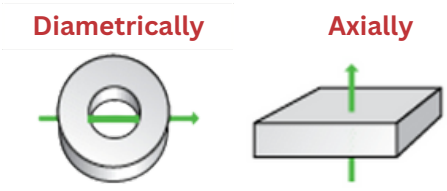
Block-Shaped Samarium Cobalt

Part Number	Item Description	Length (mm)	Width (mm)	Thickness (mm)	Direction of Magnetization 1
SMBR005002A	SmCo B 5x2.4x0.9	5	2.4	0.9	Axially-length
SMBR007005A	SmCo5 B 7x5.5x4.1	7	5.5	4.1	Axially-thickness
SMBR007005B	SmCo5 B 7x5.5x4.1	7	5.5	4.1	Axially-thickness
SMBR007005C	SmCo5 B 7x5.5x4.1	7	5.5	4.1	Axially-thickness
SMBR007005D	SmCo5 B 7x5.5x4.1	7	5.5	4.1	Axially-thickness
SMBR007005E	SmCo5 B 7x5.5x4.1	7	5.5	4.1	Axially-thickness
SMBR007005F	SmCo5 B 7x5.5x4.1	7	5.5	4.1	Axially-thickness
SMBR008005A	SmCo B 8.5x5.5x5.5	8.5	5.5	5.5	Axially-thickness
SMBR012005A	SmCo5 B 12x5x2.6	12	5.2	2.6	Axially-thickness
SMBR012005B	Sm2Co17 B 12x5x2.6	12	5.2	2.6	Axially-thickness
SMBR012007A	Sm2Co17 B 12.7x7.45x1.7	12.7	7.45	1.7	Axially-thickness
SMBR012009A	Sm2Co17 B 12x9x3.2	12	9	3.2	Axially-thickness
SMBR012009B	VACOMAX 225 HR B 12x9.7x4	12	9.7	7.4	Axially-thickness
SMBR012010A	SmCo5 B 10x5x12	10	5	12	Axially-length
SMBR012012A	Sm2Co17 B 12x12x12	12	12	12	Axially-thickness
SMBR013007A	SmCo B 13X7X2.5	13	7	2.5	Axially-thickness
SMBR015010B	Sm2cO17 B 15x10x6	15	10	6	Axially-thickness
SMBR015015A	SmCo5 B 15x15x15	15	15	15	Axially-thickness
SMBR016008A	Sm2Co17 B 8x2.5x16	8	2.5	16	Axially-length
SMBR016010A	Sm2Co17 B 10x2.5x16	10	2.5	16	Axially-length
SMBR018010A	Sm2Co17 B 18.8x10.35x3	18.8	10.35	3	Axially-thickness
SMBR019004A	SmCo B 19x4.5x2.5	19	4.5	2.5	Axially-thickness
SMBR019008A	Sm2Co17 B 19.6x6.3x8	19	6.6	3.8	Axially-width



Continued - Block-Shaped Samarium

Part Number	Item Description	Length (mm)	Width (mm)	Thickness (mm)	Direction of Magnetization 1
SMBR020005A	Sm2cO17 B 20x5x4	20	5	4	Axially-thickness
SMBR020006C	Sm2Co17 B 20.04x6.02x3.2	20.04	6.02	3.2	Axially-thickness
SMBR022019A	VCOMAX 225 HR B 22x19x2	22	19	2	Axially-thickness
SMBR025012A	Sm2Co17 B25x12x4	25	12	4	Axially-thickness
SMBR025015A	Sm2Co17 B 25x15x3	25	15	3	Axially-thickness
SMBR030015A	SmCo5 B 30x15x15	30	15	15	Axially-thickness
SMBR040005A	Sm2cO17 B 40x5x2	40	5	2	Axially-thickness
SMBR040040A	Sm2cO17 B 40x40x20	40	40	20	Axially-thickness
SMBR059025A	Sm2Co17 B 59x20x25	59	20	25	Axially-width
SMBR059025B	Sm2Co17 B 59x20x25	59	20	25	Axially-width
SMBR060017A	Sm2Co17 B 60x17.3x4	60	17.3	3.4	Axially-thickness
SMBR060030A	Sm2Co17 B 60x30x20	60	30	20	Axially-thickness
SMBR068037A	Sm2cO17 B 68x27x37	68	27	37	Axially-width
SMBR073013A	Sm2Co17 B 73.33x13.4x8.3	73.33	13.4	8.3	Axially-thickness
SMBR080080A	SmCo B 80x80x80	80	80	80	Axially-thickness
SMBR085013A	Sm2Co17 B 85.5x13.3x7.7	84	13.3	7.7	Axially-thickness
SMBR090059A	Sm2cO17 B 90x59.95x20	90	59.95	20	Axially-thickness
SMBR090059B	Sm2Co17 B 90x59.95x20	90	59.95	20	Axially-thickness
SMBR095010A	Sm2Co17 B 95x9.9x10.3	95	9.9	10.3	Axially-width
SMBR095012A	Sm2cO17 B 95x9.9x12	95	9.9	12	Axially-width
SMBR120080A	Sm2Co17 B 120x80x30	120	80	30	Axially-thickness

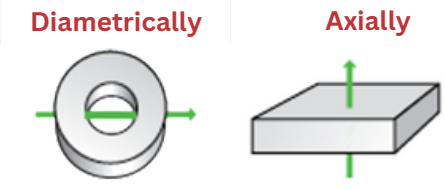


Cylinder-Shaped Samarium Cobalt

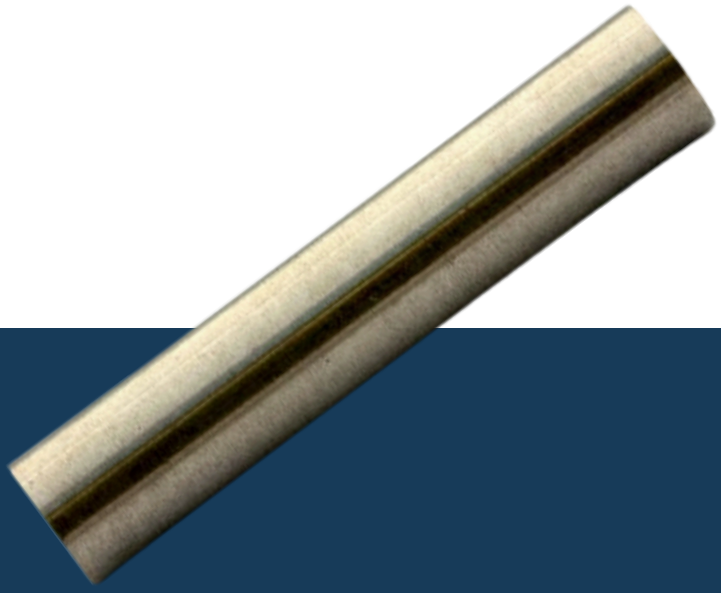
Part Number	Item Description	Diameter (mm)	Thickness (mm)	Direction of Magnetization 1
SMCR0030087A	SmCo5 C 3x8	3	8	Axially-length
SMCR003008A	SmCo5 C 3x8	3	8	Axially-length
SMCR003012A	Sm2cO17 C 3x12	3	12	Axially-length
SMCR007015A	SmCo5 7x4.05x15	4.05	5.15	Diametrically
SMCR007015B	Sm2Co17 7x4.05x15	7.4	5.15	Diametrically
SMCR015020A	SmCo5 D 15x20	15	20	Axially-length
SMCR022050A	Sm2Co17 C 22x50	22	50	Axially-length
SMCR030050A	Sm2Co17 C 30x50	30	50	Axially-length

Ring-Shaped Samarium Cobalt

Part Number	Item Description	Outer Diameter (mm)	Inner Diameter (mm)	Thickness (mm)	Direction of Magnetization 1
SMRR011005A	SmCo R 11x2.1x5	11	2.1	5	Axially-thickness
SMRR017002A	SmCo5/NiCuNi R 17x12.6x2.5	17.12	12.6	2.5	Axially-thickness
SMRR019006A	Sm2Co17 R 19x11.5x6.5	19	11.5	6.5	Axially-thickness
SMRR020050A	Sm2Co17 R 20.4x50x6.5	20.4	50	6.5	Axially-length
SMRR022004A	Sm2cO17 R 22x13.6x4	22	13.6	4	Axially-thickness
SMRR022006A	SmCo5 R 22x14x6	22	14	6	Axially-thickness
SMRR026038A	Sm2Co17 R 26x20x38	26	20	38	Axially-thickness
SMRR030050A	Sm2Co17 R 30x50x8	30	50	8	Axially-length
SMRR046015A	Sm2Co17 R 46x24x15	46	24	15	Axially-thickness
SMRR065038A	Sm2Co17 R 65.5x59.5x38	65.5	59.5	38	Axially-thickness
SMRR068038A	Sm2cO17 R 68x62x38	68	62	38	Axially-thickness
SMRR096030A	Sm2Co17 R 96x71x30	96	71	30	Axially-thickness

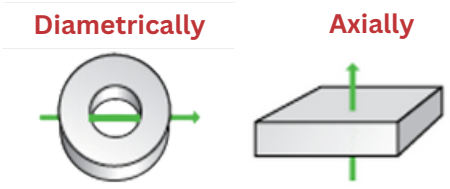


ALNICO MAGNETS



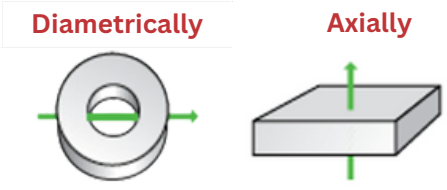
AlNiCo Magnets

Part Number	Item Description	Direction of Magnetization 1
ALBR002001A	AL B 1.1x1.1x2.1	Axially-length
ALBR002001B	AL B 1.1x1.1x2.1	Axially-length
ALBR002001C	AL B 1.1x1.1x2.5	Axially-length
ALBR005001A	AL B 1.1x1.1x5.8	Axially-length
ALBR006004A	AlNiCo8 B 6x4x2	Axially-thickness
ALBR025006A	AL B 6.35x6.35x25.4	Axially-length
ALBR040013A	AL B 40x13x4	Axially-thickness
ALBR048008A	AL B 48x8x5	Axially-thickness
ALBR058013A	AL B 13x13x58	Axially-length
ALCR002010B	AL C 2.58x10.40	Axially-length
ALCR002010C	AL C 2.54x10.4	Axially-length
ALCR006020A	AL C 6x20	Axially-length
ALCR006031A	AL C 6.35x31.75	Axially-length
ALCR006031B	AL C 6.35x31.75	Axially-length
ALCR006035A	AL C 6.35x35	Axially-length
ALCR006035B	AL C 6.35x35	Axially-length
ALCR006039A	AL C 6.35x39	Axially-length
ALDR005004A	AlNiCo2 D 4x5	Diametrically
ALDR019006A	Al D 19.05x6.35	Axially-thickness
ALDR020012A	AL D 20x12.5	Axially-thickness
ALRR008005A	AlNiCO2 R 8x5x4	Diametrically
ALRR015005C	AL R 15.24x4.2x5.05	Radially-several Poles
ALRR017009A	Al R 17.9x6x9	Axially-thickness
ALRR020003B	Al R 20X7/4X3.4	isotropic
ALRR023007A	Al R 23.5x7.6x7	Axially-thickness

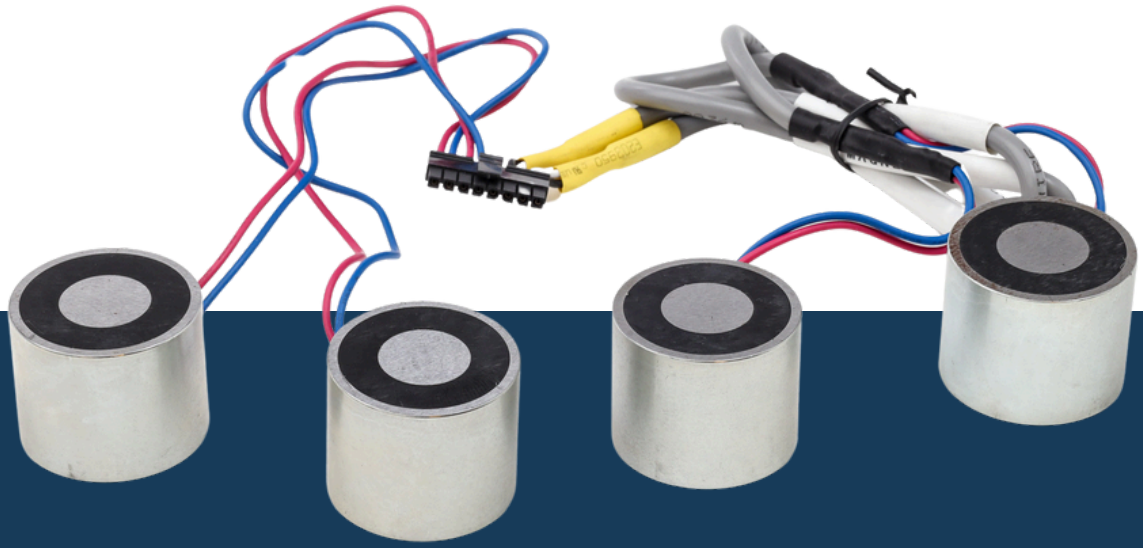


Continued - AlNiCo Magnets

Part Number	Item Description	Direction of Magnetization 1
ALRR029003A	AL R 29.5x25.5x3	Diametrically
ALRR029006A	AL R 29.5x25.5x6	Diametrically
ALRR032002A	AlNiCo2 R 32x24.5x2	Diametrically
ALRR032002B	AlNiCO2 R 32x2x26	Diametrically
ALRR032003A	AlNiCo2 R 32x24.5x3	Diametrically
ALRR040009A	Al R 40x5.2x9	Diametrically
ALRR050009A	Al R 50x5.2x9	Diametrically
ALRR053010A	AL R 53x36x10.5	Axially-thickness
ALRR053010B	AL R 53x36x10.5	Axially-thickness
ALRR079012A	AlNiCo 6 R 7.1x12x56.03	Diametrically
ALRR08042A		
ALRR088042A	Al R 88.9x42.85x64.26	Axially-thickness
ALZZ013009A	AL B 13.5x9x4.5	Axially-thickness
ALZZ019012A	AlNiCo5 Z 19.05x12.7x6.53	
ALZZ040014A	AL R 40.4x21.5x14	Axially-thickness
ALZZ040030A	AL R 40x16x30	Axially-thickness
ALZZ055008A	Al R 55x5.4x8.5	Diametrically
ALZZ056009A	Al R 56x5.2x9	Diametrically
ALZZ056009B	Al R 56x5.2x9	Diametrically
ALZZ061015A	AL Z 61.1x15x76.2	Radially



ELECTROMAGNETS



Round Electromagnets

Round electromagnets create a strong magnetic field around an internal copper coil when an electric current flows through it. This field attracts magnetic metals, primarily steel, allowing the electromagnet to adhere to them forcefully. Interrupting the electric current causes the magnetic field to disappear, enabling easy release of the metal.

Power supply:
24V (Series 414)
12V (Series 413)
110V and 220V are available upon request.

Item Number	Volt	Ø (mm)	Height (mm)	Rated power (W)	Adhesive Force (N)	weight (kg)
4130001	12V	Ø10	10	1	3	0.004
4140001	24V					
4130003	12V	Ø12	12	1	15	0.008
4140003	24V					
4130005	12V	Ø15	15	1.4	20	0.014
4140005	24V					
4130010	12V	Ø18	11	1.4	45	0.015
4140010	24V					
4130013	12V	Ø20	10	1.75	70	0.027
4140013	24V					
4130015	12V	Ø25	20	3.2	150	0.055
4140015	24V					
4130020	12V	Ø32	22	3.6	250	0.105
4140020	24V					
4130025	12V	Ø40	25.5	5.2	470	0.195
4140025	24V					
4130030	12V	Ø50	27	6.5	760	0.318
4140030	24V					
4130035	12V	Ø63	30	9	1000	0.55
4140035	24V					
4130040	12V	Ø80	38	15	2400	1.175
4140040	24V					
4131045	12V	Ø100	43	20.5	3400	2.01
4141045	24V					
4131050	12V	Ø150	56	37.2	9300	6.4
4141050	24V					
4131055	12V	Ø180	63	50	15000	10.18
4141055	24V					
4132060	12V	Ø250	80	90	30000	25.9
4142060	24V					
4132065	12V	Ø275	110	140	40000	39
4142065	24V					
4133070	12V	Ø300	130	140	45000	45
4143070	24V					

Permanent Electromagnets

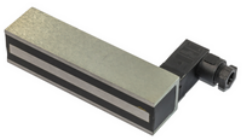
Permanent electromagnets differ from regular electromagnets in their operation. While a regular electromagnet attracts metals when an electric current flows through it and detaches when the current stops, a permanent electromagnet works in the opposite way - it constantly generates a magnetic field interrupted by an electric current.
Power supply: 24V (Series 424), 12V (Series 423)

Item Number	Volt	Ø (mm)	Height (mm)	Rated power (W)	Adhesive Force (N)	weight (kg)
4230001	12V	Ø10	10	3	5	0.005
4240001	24V					
4230003	12V	Ø12	12	6	15	0.008
4240003	24V					
4230005	12V	Ø15	15	3.6	25	0.016
4240005	24V					
4230013	12V	Ø20	25	3.8	45	0.047
4240013	24V					
4230015	12V	Ø25	29	7	120	0.085
4240015	24V					
4230020	12V	Ø32	29	14.4	180	0.143
4240020	24V					
4230023	12V	Ø35	29	28	300	0.165
4240023	24V					
4230025	12V	Ø40	29	16.5	400	0.228
4240025	24V					
4230030	12V	Ø50	29	10.3	500	0.332
4240030	24V					
4230035	12V	Ø63	29	33	960	0.537
4240035	24V					
4230038	12V	Ø70	45	17.5	1200	1.06
4240038	24V					
4230040	12V	Ø82	45	43	1950	1.5
4240040	24V					
4231045	12V	Ø100	45	58	2800	2.22
4241045	24V					
4231050	12V	Ø150	63	41	3500	6.8
4241050	24V					

Rectangular Electromagnets

Rectangular electromagnets are used for holding, carrying, and securing ferromagnetic workpieces.

Power supply: 24V



Item Number	Size mm			Rated power W	Adhesive force N	Weight Kg
4340105	25	25	100	7	600	0.7
4340110	35	40	100	9	850	0.9
4340120	35	40	150	11	1650	1.4
4342125	35	40	200	13	2300	1.5
4343135	35	40	300	19	4000	3
4344145	50	60	400	28	8400	3.9
4345155	35	40	500	40	6000	4.1
4346165	35	40	600	46	6600	4.5
4347175	35	40	700	54	7700	5.2
4348185	35	40	800	62	9200	6
4341195	60	40	1000	140	10600	27.5

HOLDING MAGNETS

(Pot Magnets)

Series A – hole + phase

Part number	ØD	ØD1	ØD2	H	Holding force (Kg)	Weight (g)
PM016005A	16	3.5	6.5	5.2	5	7
PM020007C	20	4.5	8.6	7.2	6	15
PM025007A	25	5.5	10.4	7.7	14	24
PM032007C	32	5.5	10.4	7.8	25	39
PM036007A	36	6.5	12	7.6	29	50
PM042008A	42	6.5	12	8.8	37	77
PM060015A	60	8.5	16	15	112	243
PM075017A	75	10.5	19	17.8	162	480

Series B – hole

Part number	ØD	ØD1	ØD2	H	Holding force (Kg)	Weight (g)
PM016005B	16	3.5	6.5	5.2	4	6.5
PM020007D	20	4.5	8	7.2	6	13
PM025007D	25	5.5	9	7.7	14	22
PM032007D	32	5.5	9	7.8	23	38
PM036007B	36	6.5	11	7.6	29	48
PM042008B	42	6.5	11	8.8	32	75
PM048010A	48	8.5	15	10.8	63	114
PM060015B	60	8.5	15	15	95	235

Series C – external thread

Part number	ØD	M	h	H	Holding force (Kg)	Weight (g)
PM010005A	10	3	5	12	2.2	3.5
PM012005A	12	3	5	12	3.2	5
PM016005C	16	4	5.2	14	5.5	9
PM020007B	20	4	7.2	16	9	16
PM025007E	25	5	7.7	17	22	26
PM032007A	32	6	7.8	18	34	43
PM036007C	36	6	7.6	17.6	41	54
PM042008C	42	6	8.8	18.7	68	83
PM048010B	48	8	10.8	24	81	130
PM060015C	60	8	15	31.5	113	256
PM075017C	75	10	17.8	35	164	510

Series D – inner thread

Part number	ØD	ØD1	M	h	H	Holding force (Kg)	Weight (g)
PM010005B	10	6	3	5	12	2.2	4
PM012005B	12	6	3	5	12	3.2	6
PM016005D	16	6.5	4	5.2	13.5	5.5	9
PM020007E	20	6.5	4	7.2	15	9	17
PM025007F	25	7.5	5	7.7	17	22	28
PM032007E	32	10	6	7.8	18	34	45
PM036007D	36	10	6	7.6	18.5	41	55
PM042008D	42	10	6	8.8	18.8	68	84
PM048010C	48	12	8	10.8	24	81	130
PM060015D	60	12	8	15	28	113	263
PM075017D	75	17	10	17.8	35	164	515

Magma's team will be happy to help you with any questions!

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