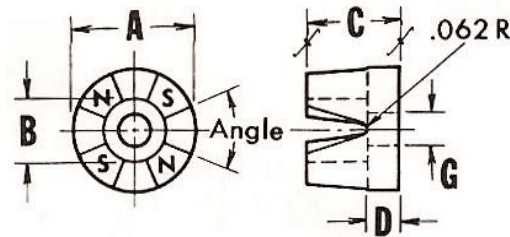


ALNICO ROTOR ASSEMBLIES



Product Number	No. Of Poles	Angle	Dimensions					Weight (lbs.)	Holding Force (lbs.)
			A	B	C	D	G		
MA-ALR-4P	4	45	1	0.5	0.75	0.25	0.25	0.102	16
MA-ALR-6P	6	30	1.278	0.585	0.75	0.25	0.45	0.165	25
MA-ALR-8P	8	22.5	2	1	1.25	0.375	0.5	0.702	70

Ceramic

MAGNETIC DISCS

- Material: Ferrite magnet
- Can be used up to temperatures of 80°C
- Highly resistant to de-magnetization

Product	Diameter (mm)	Thickness (mm)	Units per pack
CM700-R	14	5	10
CM701-R	20	5	10
CM702-R	30	5	10



MARKER MAGNETS

- Available in bulk supply from Industrial Sales minimum of 100 off
- Available in white, black, red, blue, yellow and green
- Available in 15, 20, 30, and 40mm diameters



The magnets have a variety of uses, including:

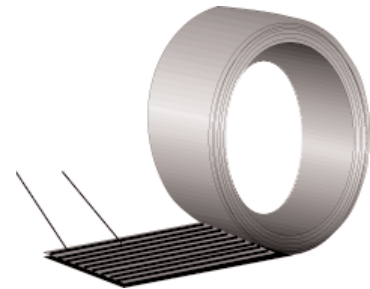
- holding notes, drawings, plans etc. on steel surfaces

FLEXIBLE MAGNETS

- Material: Strontium Ferrite
- Supplied in sheet, strip and adhesive backed finishes
- Flexible strip and sheets available with a colored vinyl finish
- Can be cut with scissors

Plain Flexible Magnetic Strip				
Product	Width (mm)	Thickness (mm)	Length (m)	Units per pack
FM670	9.5	3.6	10	1
FM671	11	4.6	10	1
FM672	15	6.4	10	1
EM880-R	9.5	3.6	2	1

Adhesive Backed Flexible Magnets				
Product	Width (mm)	Thickness (mm)	Length (m)	Units per pack
FM660	7.5	0.75	10	1
FM661	12.5	0.75	10	1
FM662	20	0.75	10	1
EM884-R	13	0.5	1	1
EM888-R (pairs)	9.5	3.6	150 mm	1
FM650	150 mm sq.	0.75	150 mm sq.	5



Reverse
Non-magnetic



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Permanent Magnets

MAGNETIC PRODUCTS INCORPORATED has teamed up with ECLIPSE MAGNETICS to bring you a large variety of magnets in order to suit all your magnetic needs for your facility.

Alnico

CYLINDRICAL BAR MAGNETS

- Cylindrical bars are cast from Alnico 5 material
- Cylindrical Bars can be used in temperatures up to 550°C

Product	Diameter (mm)	Length (mm)	Weight per Pair (kg)	No. of pairs per pack
E805	6	20	0.02	10
E806	8	25	0.04	5
E807	10	30	0.07	5



RECTANGULAR BAR MAGNETS

- E844, E845 and E846 Bar Magnets are cast from Alnico 5.
- North pole is indicated by a notch
- Rectangular Bars can be used in temperatures up to 550°C

Magnetic Material: Alnico

Product	Width (mm)	Height (mm)	Length (mm)	Weight per Pair (kg)	No. of pairs per pack
E842	15	10	50	0.22	1
E843	15	10	75	0.33	1

Magnet Materials: Alcomax III

Product	Width (mm)	Height (mm)	Length (mm)	Weight per Pair (kg)	No. of pairs per pack
E844	10	5	20	0.03	5
E845	12.5	5	40	0.04	5
E846	15	5	60	0.13	5



BUTTON MAGNETS

- Button Magnets are cast from Alnico material
- Button Magnets can be used in temperatures up to 550°C

Product	Diameter (mm)	Height (mm)	Min - Max Slot Size (mm)	Hole Size (mm)	Weight (kg)	Max. Pull (kg)	Units per Pack
E821	12.5	9.5	4.0 - 7.2	4.5	0.006	0.7	10
E822	19.1	12.7	5.6 - 8.7	4.8	0.02	1.9	10
E823	25.4	15.9	5.6 - 8.7	4.8	0.05	3.4	10
E824	31.8	25.4	8.0 - 12.7	7.1	0.113	4.8	5
E825	22.2	19.1	6.4 - 6.4	4.8	0.05	3	10



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MINOR MAGNETS

- The Minor Magnet is cast from Alnico material
- Minor Magnets can be used in temperatures up to 550°C

Product	Height (mm)	Width (mm)	Depth (mm)	Weight (kg)	Max. Pull (kg)	Pole Gap (mm)	Units per Pack
E801	11.1	22.2	7.9	0.02	0.9	6.4	10



MAJOR MAGNETS

- Casted using powerful Alnico 5 magnetic material and mild steel
- The large gap design provides the highest practical field strength

Product	Height (mm)	Width (mm)	Depth (mm)	Weight (kg)	Pole Area (mm)	Pole Gap (mm)	Flux Density at Pole Centre	Units per Pack
862	111	103.5	50	2.9	22.2 x 52.4	27.3	0.21 (wb/m ²) 2000 (Gauss)	1



POCKET MAGNETS

- Casted using powerful Alnico 5 magnetic material and mild steel
- The large gap design provides the highest practical field strength

Product	Length of Pole Face (mm)	Height (mm)	Width (mm)	Width of Gap (mm)	Weight (kg)	Max. Pull (kg)	Units per pack
E802	22.2	25.4	7.9	6.4	0.03	2.4	10
E803	27	35	15.9	7.9	0.09	4	5



POWER MAGNETS

- Power Magnets are cast from Alnico 5C material
- Power Magnets can be used in temperatures up to 550°C

Product	Length (mm)	Height (mm)	Width (mm)	Width of gap (mm)	Hole size	Weight (kg)	Max. Pull (kg)	Units per Pack
811	30	20	20	15	4	0.06	4.5	5
812	40	25	25	20	5	0.12	9	5
813	45	30	30	23	5	0.18	11.8	1
814	57	35	40.5	27.8	2 x 7.9	0.37	23.5	1
815	70	41.3	57.2	34.1	2 x 7.9	0.71	37	1
816	79.4	54	82.6	38.5	2 x 9.5	1.45	47	1
817	60.3	40	62	31.75	no holes	0.8	35	1
818	79.4	54	85.7	47.6	no holes	1.8	60	1



Rare Earth

NEO-HOLD BI-POLE MAGNETS

- Constructed from Neodymium Iron Boron Magnets and an Aluminum Pot
- Maximum operating temperature 100°C

Product	Diameter (mm)	Height (mm)	Weight (mm)	Thread size	Max. Pull (kg)	Units per pack
NH025	12.7	11.6	0.01	M5	2	10
NH065	16	15.6	0.018	M6	5	10
NH130	22	20	0.04	M6	9	5
NH240	25	25	0.07	M6	15	5



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Raw Materials

CERAMIC MAGNET MATERIAL

Ceramic Ring Product Number				
Material	Type	Outside Dia.	Inside Dia.	Thickness
MC	RI	.500	.187	.125
MC	RI	.750	.270	.250
MC	RI	1.079	.597	.250
MC	RI	1.125	.395	.250
MC	RI	1.230	.885	.430
MC	RI	1.625	.705	.1875
MC	RI	1.723	.705	.250
MC	RI	11.10	7.90	3.70
MC	RI	2.086	.692	.300

All Dimensions are in Inches

Ceramic Slug Product Number			
Material	Type	Diameter	Width
MC	SL	0.875	1.00

All Dimensions are in Inches

PRODUCT NUMBER EXAMPLE:

MC-RI-11.1-7.9-3.7
MN-SL-.375-.250
MA-SL-.125-4



Ceramic Block Product Number				
Material	Type	Thickness	Width	Length
MC	BL	.125	2.00	3.00
MC	BL	.312	4.00	6.00
MC	BL	.375	.875	1.875
MC	BL	.500	4.00	6.00
MC	BL	.750	4.00	6.00
MC	BL	1.00	4.00	6.00

All Dimensions are in Inches

RARE EARTH MAGNET MATERIAL

Rare Earth Slug Product Number			
Material	Type	Diameter	Width
MN	SL	.220	.250
MN	SL	.250	.100
MN	SL	.250	.200
MN	SL	.250	.250
MN	SL	.250	.500
MN	SL	.375	.100
MN	SL	.375	.200
MN	SL	.375	.250
MN	SL	.375	.375
MN	SL	.375	.500
MN	SL	.500	.120
MN	SL	.500	.250
MN	SL	.500	.500
MN	SL	.750	.375
MN	SL	.750	.500
MN	SL	.875	.500
MN	SL	.922	.500

All Dimensions are in Inches



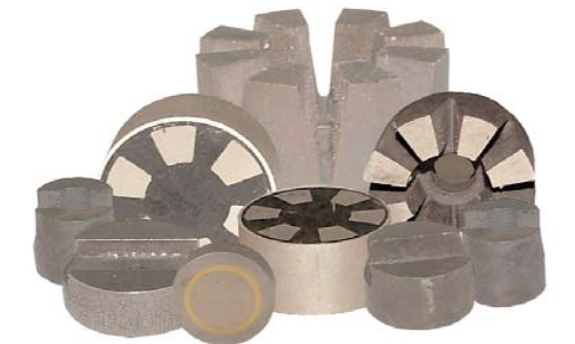
Rare Earth Block Product Number				
Material	Type	Thickness	Width	Length
MN	BL	.250	.500	.750
MN	BL	.500	1.00	1.00
MN	BL	.500	1.00	2.00
MN	BL	.500	2.00	2.00
MN	BL	1.00	2.00	2.00

All Dimensions are in Inches

ALNICO MAGNET MATERIAL

Alnico Slug Product Number			
Material	Type	Diameter	Width
MA	SL	.125	4.00
MA	SL	.187	6.00
MA	SL	.300	8.00
MA	SL	.500	6.00
MA	SL	.875	3.00

All Dimensions are in Inches



PLEASE SEE HIGH ENERGY RARE EARTH MATERIALS LITERATURE FOR MATERIAL SPECIFICATIONS

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