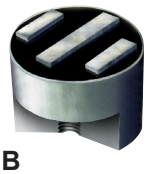
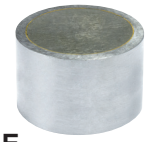
MAG-MATE® CYLINDRICAL FIXTURE MAGNET ASSEMBLIES


A


B


C


D


E

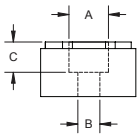

F


G&H


I


J&K


L



	A	B	C
AR1501	.370	.280	.500
AR1502	.500	.280	.500
AR1504	.780	.500	.810

CYLINDRICAL FIXTURE ASSEMBLIES

A1: Rare Earth Neodymium 1-Pole magnet in an Aluminum insulated cup. Powerful compact magnet that can be press fit or use tapped hole for mounting. +/- .003" diameter & .015" length. Maximum temperature 180°F (82°C).

A2: Max-Attach™ Rare Earth Neodymium in an Aluminum insulated cup. Multi-pole compact magnet that can be press fit or use tapped hole for mounting. +/- .003" diameter & .015" length. Maximum temperature 180°F (82°C).

B: Rare Earth 3-Pole magnet in an Aluminum insulated cup. Extended poles can be lightly machined. Can be press fit or use tapped hole for mounting. +/- .003" diameter & .015" length. Maximum temperature 180°F (82°C).

C: Rare Earth Neodymium 4-Pole magnet in an Aluminum insulated cup. Extended poles can be lightly machined. Can be press fit or use thru-hole for mounting. +/- .008" diameter & +/- .015" length. Maximum temperature 180°F (82°C).

D: Rare Earth Neodymium 3-Pole magnet in an Aluminum insulated cup. Maximum strength in a compact package. Can be press fit or use thru-holes for mounting. +/- .008" dia. & +/- .015" length. Maximum temperature 180°F (82°C). Mounting hole center 1-13/16".

E: Rare Earth Neodymium Island 2-Pole magnet in a steel cup. Ideal for shallow fixtures. Can not be press fit without additional insulation. Use tapped hole for mounting. +/- .005" dia. & +/- .015" length. Maximum temperature 180°F (82°C).

F: Rare Earth Neodymium parallel 2-Pole magnet in an Aluminum insulated cup. Flush face magnet, can be press fit or use tapped hole for mounting. +/- .008" diameter & +/- .015" length. Maximum temperature 180°F (82°C).

G: Rare Earth Neodymium parallel 2-Pole magnet in a brass insulated cup. Ideal for metric press fit applications. +/- .002" diameter & length. Maximum temperature 180°F (82°C).

H: Rare Earth Samarium Cobalt parallel 2-Pole magnet in a brass insulated cup. Ideal for high heat metric press fit applications. +/- .002 diameter & length. Maximum temperature 392°F (200°C).

I: Alnico Island 2-Pole magnet in a steel cup. Especially effective in mold applications. Can not be press fit without additional insulation. Use tapped hole for mounting. +/- .005" diameter & +/- .015" length. Maximum temperature 800°F (427°C).

J: Alnico magnet material shielded in a non-conductive sleeve, 1-Pole on each end. Insulator prevents loss of magnetic flux when inserted into steel components or fixtures. No mounting holes. +/-.001" diameter & +/- .005" length. Maximum temperature 800°F (427°C).

K: Rare Earth Neodymium magnet material shielded in a non-conductive sleeve, 1-Pole on each end. Insulator prevents loss of magnetic flux when inserted into steel components or fixtures. No mounting holes. +/- .001 diameter & +/- .005" length. Maximum temperature 180°F (82°C).

L: Alnico Multi-Pole magnet in an Aluminum insulated cup. Very effective on thin metal or difficult applications. Counter sunk mounting hole for easy installation. +/- .006" diameter & +/- .015" length. Maximum temperature 300°F (148°C).

	Hold - lbs (kg)	Dia. (in)	Ln. (in)	Tap Size	Depth	Wt. (lbs)	Model No.
A1	0.25 (0.11)	1/4	1/2	#6-32	1/4	0.01	N250T
A1	1.30 (0.59)	3/8	1/2	#8-32	1/4	0.01	N375T
A1	2.65 (1.20)	1/2	1/2	#10-24	1/4	0.01	N500T
A1	4.35 (1.97)	5/8	1/2	#10-24	1/4	0.02	N625T
A1	6.00 (2.72)	3/4	1/2	#10-24	1/4	0.03	N750T
A1	7.50 (3.40)	1	1/2	#1/4-20	1/4	0.06	N1000T
A2	7.80 (3.54)	3/4	1/2	#10-24	1/4	0.03	CMP750T
A2	10.4 (4.72)	1	1/2	#1/4-20	1/4	0.06	CMP1000T
B	15.50 (7.03)	1	3/4	#1/4-20	1/4	0.08	N3T1002
B	26.00 (11.79)	1-1/4	3/4	#5/16-18	1/4	0.14	N3T1252
C	45.00 (20.41)	2	1/2	#1/4 - Flat	-	0.18	C4H2000
C	50.00 (22.68)	2	3/4	#1/4 - Flat	-	0.26	C4H2002
C	60.00 (27.21)	2	1	#1/4 - Flat	-	0.33	C4H2004
C	90.00 (40.82)	2-1/2	1	#1/4 - Flat	-	0.53	C4H2504
D	145.00 (65.77)	3	1	#1/4 - Flat	-	1.23	C5H3004
E	3.00 (1.36)	3/8	1/2	#8-32	.100	0.02	R375
E	8.00 (3.63)	1/2	1/2	#10-32	.120	0.03	R500
E	22.00 (9.98)	3/4	1/2	#10-32	.150	0.06	R750
E	46.00 (20.86)	1	1/2	#1/4-20	.150	0.10	R1000
E	50.00 (22.68)	1-1/4	1/2	#5/16-18	.150	0.16	R1250
F	18.00 (8.16)	3/4	1-3/16	#1/4-20	1/4	0.10	NT750
F	43.00 (19.50)	1	1-5/16	#1/4-20	5/16	0.20	NT1000
F	102.00 (46.26)	1-1/2	2-1/16	#5/16-18	5/16	0.60	NT1500
F	172.00 (78.01)	2	2-7/16	#3/8-16	5/16	1.30	NT2000
G	0.90 (0.41)	06 mm	20 mm	-	-	0.02	PF06N
G	4.40 (1.99)	10 mm	20 mm	-	-	0.03	PF10N
G	6.60 (2.99)	13 mm	20 mm	-	-	0.04	PF13N
G	13.80 (6.26)	16 mm	20 mm	-	-	0.06	PF16N
G	25.40 (11.52)	20 mm	25 mm	-	-	0.14	PF20N
H	0.90 (0.41)	06 mm	20 mm	-	-	0.02	PF06S
H	4.40 (1.99)	10 mm	20 mm	-	-	0.03	PF10S
H	6.60 (2.99)	13 mm	20 mm	-	-	0.04	PF13S
H	13.80 (6.26)	16 mm	20 mm	-	-	0.06	PF16S
H	25.40 (11.52)	20 mm	25 mm	-	-	0.14	PF20S
H	44.10 (20.00)	25 mm	35 mm	-	-	0.30	PF25S
I	0.72 (0.32)	3/8	1/2	#8-32	3/32	0.02	A375
I	1.13 (0.51)	1/2	1/2	#10-32	5/32	0.03	A500
I	1.54 (0.70)	1/2	3/4	#10-32	3/16	0.04	A502
I	1.19 (0.54)	5/8	1/2	#10-32	5/32	0.07	A625
I	2.69 (1.22)	3/4	1/2	#10-32	5/32	0.06	A750
I	4.56 (2.07)	3/4	3/4	#10-32	1/4	0.06	A752
I	4.69 (2.13)	3/4	1	#10-32	1/4	0.08	A754
I	4.00 (1.81)	1	1/2	#1/4-20	5/32	0.11	A1000
I	7.25 (3.29)	1	1	#1/4-20	9/32	0.21	A1004
I	12.50 (5.67)	1-1/4	1-1/4	#1/4-20	9/32	0.39	A1256
				Wall Th.			
J	0.025 (0.0113)	3/16	1/4	0.018	-	0.01	ABS1825
J	0.040 (0.0181)	3/16	1/2	0.018	-	0.01	ABS1850
J	0.055 (0.0249)	1/4	1/4	0.032	-	0.01	ABS2525
J	0.140 (0.0635)	1/4	1/2	0.032	-	0.01	ABS2550
J	0.060 (0.0272)	5/16	1/4	0.032	-	0.01	ABS3125
J	0.175 (0.0793)	5/16	1/2	0.032	-	0.01	ABS3150
J	0.100 (0.0453)	3/8	3/8	0.032	-	0.01	ABS3737
J	0.200 (0.0907)	3/8	3/4	0.032	-	0.01	ABS3775
J	0.225 (0.1021)	1/2	1/2	0.032	-	0.03	ABS5050
J	0.680 (0.3084)	3/4	3/4	0.062	-	0.06	ABS7575
K	0.13 (0.059)	1/8	1/4	0.018	-	0.01	RBS1225
K	0.37 (0.168)	3/16	1/4	0.032	-	0.01	RBS1825
K	0.88 (0.399)	1/4	1/4	0.032	-	0.01	RBS2525
K	0.95 (0.043)	1/4	1/2	0.032	-	0.01	RBS2550
K	1.00 (0.45)	5/16	1/4	0.032	-	0.01	RBS3125
K	2.63 (1.19)	3/8	3/8	0.032	-	0.01	RBS3737
K	3.13 (1.42)	1/2	1/4	0.062	-	0.03	RBS5025
K	4.63 (2.10)	1/2	1/2	0.062	-	0.03	RBS5050
K	7.50 (3.40)	3/4	3/8	0.062	-	0.05	RBS7537
				Socket	**Poles**		
L	8.00 (3.63)	1-1/8	25/32	#1/4-20	4	0.10	AR1501
L	12.00 (5.44)	1-3/8	25/32	#1/4-20	6	0.30	AR1502
L	35.00 (15.88)	2-1/2	1-9/32	#1/2-13	8	1.30	AR1504