

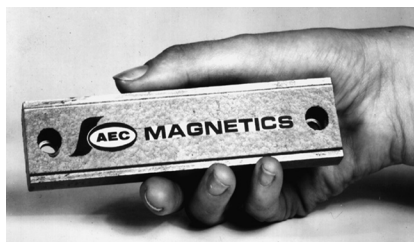


**LIFT, HOLD & TRANSPORT
PARTS WITH ELECTROMAGNETS**



MAGNETICS
(800) 635-3954
WWW.AECMAGNETICS.COM

MAGNETIC SPECIALISTS FOR AUTOMATED MANUFACTURING



**PERMANENT MAGNETIC
EQUIPMENT & TOOLS**



AEC MAGNETICS PROVIDES ATTRACTIVE SOLUTIONS TO PRODUCTION PROCESSES

**YOUR PRODUCT
YOUR PROCESS
YOUR OBJECTIVES**

AEC Engineers work diligently to understand your objectives:

- What parts or materials are you using in the production process
- What is being done with these parts or materials
- How often you perform this task
- What accuracy is required

**WE TEST
WE DESIGN
WE MANUFACTURE**

AEC Engineers will:

- Apply substantial magnetic expertise
- Design and quote magnetic solutions
- Closely monitor manufacturing and quality control
- Supervise shipment and provide implementation instruction

**FOR COMPLETE, CURRENT PRODUCT OFFERINGS AND SPECIFICATIONS,
VISIT OUR WEBSITE:**

AECMAGNETICS.COM

AEC has been designing and manufacturing magnetic solutions to production problems since 1961. Each year we manufacture thousands of standard and custom designed electromagnets, DC power supplies, permanent magnetic assemblies and tools, and other specialty equipment. Our value is in our willingness to listen to the problem and design an action plan for each customer that contacts us. You will not find more personalized service or attention to detail in our industry. We sell direct to our customers and through carefully selected resellers to provide a continuous channel of communication from conception through service after the sale. This catalog only represents a sample of our capabilities. New products are constantly added to solve our customers problems. We can design and build one piece for a prototype or custom tool or thousands of pieces to incorporate our part in your finished product. AEC can also repair our products, and many of our competitors' products, for substantial savings in time and money. We are competitive in price and delivery with any other magnetic products manufactured throughout the world. AEC products are durable and reliable, and we provide the best warranty and return policies in the industry.

AEC makes it easy to order. Please contact us by:

Phone: (800) 635-3954
Fax: (800) 635-3955
Email: aecsales@aecmagnetics.com
Mail: AEC Magnetix
4699 Interstate Drive
Cincinnati, OH 45246

Payments should be mailed to:
AEC Magnetix
P.O. Box 712475
Cincinnati, OH 45271-2475

We accept, VISA, MASTERCARD, and AMERICAN EXPRESS

If you would like to use ACH or wire transfers, call for routing information.

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Thank you for considering AEC Magnetix.

**AT AEC, WE DON'T SELL PRODUCTS,
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AEC MAGNETICS 1-800-635-3954 FAX 1-800-635-3955

CE STYLE CIRCULAR ELECTROMAGNETS

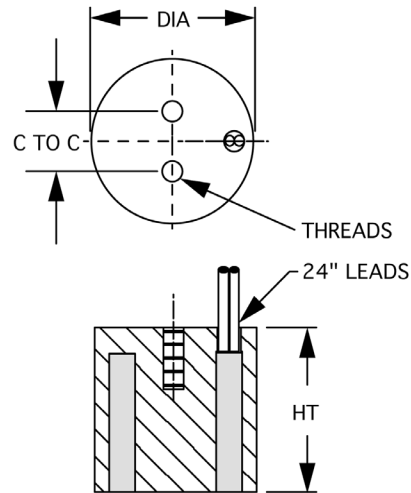
12 VOLT DC CONTINUOUS DUTY CYCLE

Small circular electromagnets are ideally suited for automated parts handling and packaging operations. These durable magnets are easily controlled by 12 volt power supplies and have none of the maintenance, noise or air pressure requirements of vacuum cups or grippers.



CE Series

CEA MODELS HAVE
TOP WIRE OUTLET

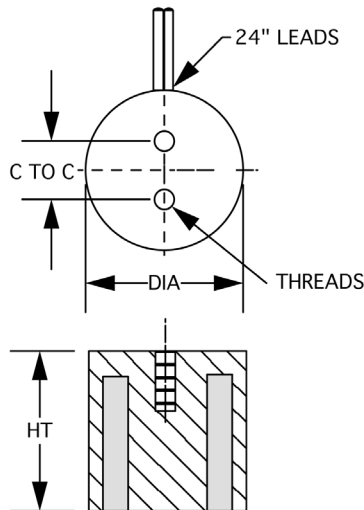


PRODUCT NUMBER	DIMENSIONS-(IN)		MOUNTING THREADS	C TO C	WATTS	WEIGHT (LBS)	POWER (LBS)
	DIA.	HT.					
CE-050-12C	0.50	.500	6-32	---	1.8	.08	2
CE-075-12C	0.75	.750	6-32	---	2.4	.10	7
CEA-075-12C	0.75	.500	6-32	---	3.8	.09	4
CSL-075-12C	0.75	1.25	6-32	---	1.5	.15	8
CEA-100-12C	1.00	.750	1/4-20	---	3.6	.20	12
CSA-100-12C	1.00	.750	10-32	---	3.0	.20	12
CE-100-12C	1.00	1.00	1/4-20	---	3.6	.25	19
CSL-100-12C	1.00	1.25	10-32	---	4.5	.25	30
CEA-125-12C	1.25	.750	1/4-20	---	3.6	.70	60
CE-125-12C	1.25	1.25	1/4-20	---	3.6	.75	70
CES-150-12C	1.50	.750	1/4-20	---	5.0	.60	70
CEA-150-12C	1.50	1.00	1/4-20	---	4.8	.80	80
CE-150-12C	1.50	1.50	1/4-20	---	5.0	1.00	110
CES-200-12C	2.00	.750	1/4-20	---	7.0	.75	120
CEA-200-12C	2.00	1.50	1/4-20	---	6.5	1.00	160
CSA-200-12C	2.00	1.625	1/4-20	---	5.2	1.50	140
CE-200-12C	2.00	2.00	1/4-20	---	4.5	1.20	170
CES-250-12C	2.50	.750	1/4-20	.75	7.2	1.50	200
CSA-250-12C	2.50	1.25	1/4-20	---	10.0	2.00	250
CS-250-12C	2.50	1.50	1/4-20	---	10.0	2.00	300
CEA-250-12C	2.50	2.00	1/4-20	---	8.0	2.00	320
CES-300-12C	3.00	.750	1/4-20	1.00	18.0	3.00	290
CEA-300-12C	3.00	2.00	1/4-20	1.00	10.0	3.75	370

DC STYLE CIRCULAR ELECTROMAGNETS

12 VOLT DC CONTINUOUS DUTY CYCLE

Small circular electromagnets are ideally suited for automated parts handling and packaging operations. These durable magnets are easily controlled by 12 volt power supplies and have none of the maintenance, noise or air pressure requirements of vacuum cups or grippers.



DC Series

DCA MODELS HAVE
SIDE WIRE OUTLET

PRODUCT NUMBER	DIMENSIONS-(IN)		MOUNTING THREADS	C TO C	WATTS	WEIGHT (LBS)	POWER (LBS)
	DIA.	HT.					
DCA-075-12C	0.75	.500	6-32	---	3.8	.09	4
DC-075-12C	0.75	.750	6-32	---	2.4	.10	7
DSL-075-12C	0.75	1.25	6-32	---	1.5	.15	8
DCA-100-12C	1.00	.750	1/4-20	---	3.6	.20	12
DSA-100-12C	1.00	.750	10-32	---	3.0	.20	12
DC-100-12C	1.00	1.00	1/4-22	---	3.6	.25	19
DSL-100-12C	1.00	1.25	10-32	---	4.5	.25	30
DCA-125-12C	1.25	.750	1/4-22	---	3.6	.70	60
DC-125-12C	1.25	1.25	1/4-20	---	3.6	.75	70
DCS-150-12C	1.50	.750	1/4-20	---	5.0	.60	70
DCA-150-12C	1.50	1.00	1/4-20	---	4.6	.80	80
DSA-150-12C	1.50	1.25	10-32	---	5.0	.80	100
DC-150-12C	1.50	1.50	1/4-20	---	5.0	1.00	110
DCS-200-12C	2.00	.750	1/4-20	---	7.0	.75	120
DCA-200-12C	2.00	1.50	1/4-20	---	6.0	1.00	160
DSA-200-12C	2.00	1.625	1/4-20	---	5.2	1.50	140
DC-200-12C	2.00	2.00	1/4-20	---	4.5	1.20	170
DCS-250-12C	2.50	.750	1/4-20	.75	7.2	1.50	200
DSA-250-12C	2.50	1.25	1/4-20	---	10.0	2.00	250
DS-250-12C	2.50	1.50	1/4-20	---	10.0	2.00	300
DCA-250-12C	2.50	2.00	1/4-20	---	8.0	2.00	320
DCS-300-12C	3.00	.750	1/4-20	1.00	18.0	3.00	290
DCA-300-12C	3.00	2.00	1/4-20	1.00	10.0	3.75	370

CE STYLE CIRCULAR ELECTROMAGNETS

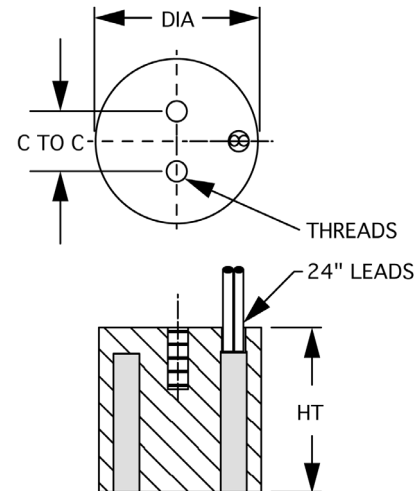
24 VOLT DC CONTINUOUS DUTY CYCLE

Small circular electromagnets are ideally suited for automated parts handling and packaging operations. These durable magnets are easily controlled by 12 volt power supplies and have none of the maintenance, noise or air pressure requirements of vacuum cups or grippers.



CE Series

CEA MODELS HAVE
TOP WIRE OUTLET

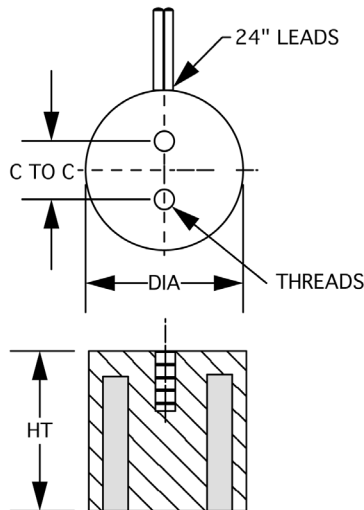


PRODUCT NUMBER	DIMENSIONS-(IN)		MOUNTING THREADS	C TO C	WATTS	WEIGHT (LBS)	POWER (LBS)
	DIA.	HT.					
CEA-075-24C	0.75	.500	6-32	---	3.0	.09	5
CE-075-24C	0.75	.750	6-32	---	3.8	.19	9
CSL-075-24C	0.75	1.25	6-32	---	3.0	.15	8
CEA-100-24C	1.00	.750	1/4-20	---	8.2	.20	15
CSA-100-24C	1.00	.750	10-32	---	3.0	.20	15
CE-100-24C	1.00	1.00	1/4-20	---	8.2	.25	22
CSL-100-24C	1.00	1.25	10-32	---	4.4	.25	30
CEA-125-24C	1.25	.750	1/4-20	---	8.2	.50	60
CE-125-24C	1.25	1.25	1/4-20	---	8.2	.75	70
CES-150-24C	1.50	.750	1/4-20	---	5.0	.60	70
CEA-150-24C	1.50	1.00	10-32	---	9.9	.80	100
CE-150-24C	1.50	1.50	1/4-20	---	9.6	1.00	110
CES-200-24C	2.00	.750	1/4-20	---	7.0	.75	120
CEA-200-24C	2.00	1.50	1/4-20	---	14.4	1.00	220
CSA-200-24C	2.00	1.625	1/4-20	---	5.2	1.50	170
CE-200-24C	2.00	2.00	1/4-20	---	12.8	1.20	230
CES-250-24C	2.50	.750	1/4-20	---	11.5	1.50	200
CSA-250-24C	2.50	1.25	1/4-20	---	10.0	2.00	250
CS-250-24C	2.50	1.50	1/4-20	---	7.0	2.00	300
CEA-250-24C	2.50	2.00	1/4-20	---	14.0	2.00	380
CES-300-24C	3.00	.750	1/4-20	1.00	18.0	3.00	290
CEA-300-24C	3.00	2.00	1/4-20	1.00	20.0	3.75	440

DC STYLE CIRCULAR ELECTROMAGNETS

24 VOLT DC CONTINUOUS DUTY CYCLE

Small circular electromagnets are ideally suited for automated parts handling and packaging operations. These durable magnets are easily controlled by 12 volt power supplies and have none of the maintenance, noise or air pressure requirements of vacuum cups or grippers.

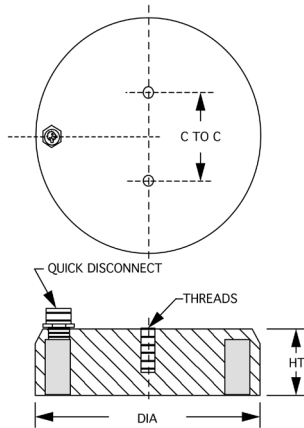


DC Series
DCA MODELS HAVE
TOP WIRE OUTLET

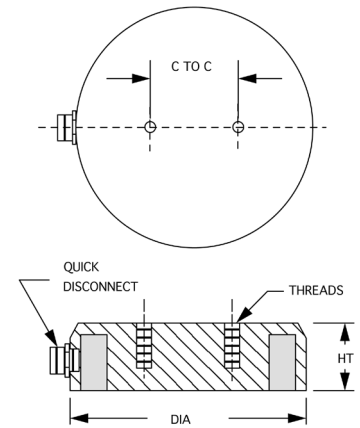
PRODUCT NUMBER	DIMENSIONS-(IN)		MOUNTING THREADS	C TO C	WATTS	WEIGHT (LBS)	POWER (LBS)
	DIA.	HT.					
DCA-075-24C	0.75	.500	6-32	---	3.0	.09	5
DC-075-24C	0.75	.750	6-32	---	3.8	.10	9
DSL-075-24C	0.75	1.25	6-32	---	3.0	.15	8
DCA-100-24C	1.00	.750	1/4-20	---	8.2	.20	15
DSA-100-24C	1.00	.750	10-32	---	3.0	.20	15
DC-100-24C	1.00	1.00	1/4-20	---	8.2	.25	22
DSL-100-24C	1.00	1.25	10-32	---	4.4	.25	30
DCA-125-24C	1.25	.750	1/4-20	---	8.2	.70	60
DC-125-24C	1.25	1.25	1/4-20	---	8.2	.75	70
DCS-150-24C	1.50	.750	1/4-20	---	5.0	.60	70
DCA-150-24C	1.50	1.00	1/4-20	---	9.6	.80	100
DSA-150-24C	1.50	1.25	10-32	---	9.9	.80	100
DC-150-24C	1.50	1.50	1/4-20	---	9.6	1.00	110
DCS-200-24C	2.00	.750	1/4-20	---	7.0	.75	120
DCA-200-24C	2.00	1.50	1/4-20	---	14.4	1.00	220
DSA-200-24C	2.00	1.625	1/4-20	---	5.2	1.50	170
DC-200-24C	2.00	2.00	1/4-20	---	12.8	1.20	230
DCS-250-24C	2.50	.750	1/4-20	.75	11.5	1.50	200
DSA-250-24C	2.50	1.25	1/4-20	---	10.0	2.00	250
DS-250-24C	2.50	1.50	1/4-20	---	7.0	2.00	300
DCA-250-24C	2.50	2.00	1/4-20	---	14.0	2.00	380
DCS-300-24C	3.00	.750	1/4-20	---	18.0	3.00	290
DCA-300-24C	3.00	2.00	1/4-20	1.00	20.0	3.75	440

HEAVY DUTY ROUND ELECTROMAGNETS

24 VOLT CONTINUOUS DUTY CYCLE



CEA Series
CEA MODELS HAVE
TOP WIRE OUTLET



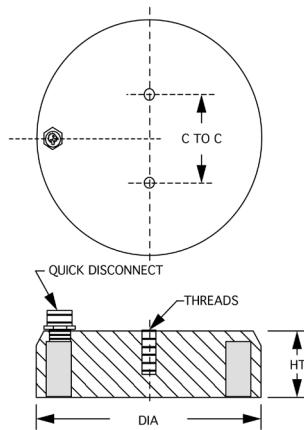
DCA Series
DCA MODELS HAVE
SIDE WIRE OUTLET

PRODUCT NUMBER	DIMENSIONS-(IN)		MOUNTING THREADS	C TO C	WATTS	CORD	WEIGHT (LBS)	POWER (LBS)
	DIA.	HT.						
CEA-300M-24C	3.0	2.00	1/4-20	1.0	21.0	M-STYLE	3.9	420
CES-350M-24C	3.5	1.25	1/4-20	1.0	21.0	M-STYLE	4.5	480
CEA-350M-24C	3.5	2.00	1/4-20	1.0	32.0	M-STYLE	4.5	690
CES-400M-24C	4.0	1.25	5/16-18	1.0	22.0	M-STYLE	7.0	780
CEA-400M-24C	4.0	2.00	5/16-18	1.0	29.0	M-STYLE	7.0	980
CES-500M-24C	5.0	1.25	3/8-16	2.0	39.0	M-STYLE	9.5	1400
CEA-500M-24C	5.0	2.00	3/8-16	2.0	44.0	M-STYLE	9.5	1900
CEA-600M-24C	6.0	2.00	1/2-13	2.0	44.0	M-STYLE	16.0	2200

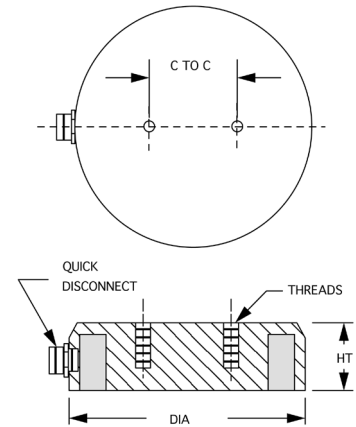
PRODUCT NUMBER	DIMENSIONS-(IN)		MOUNTING THREADS	C TO C	WATTS	CORD	WEIGHT (LBS)	POWER (LBS)
	DIA.	HT.						
DCS-250T-24C	2.5	0.75	1/4-20	.75	12.0	T-STYLE	1.5	200
DSA-250T-24C	2.5	1.25	1/4-20	---	10.0	T-STYLE	2.0	250
DS-250T-24C	2.5	1.50	1/4-20	---	10.0	T-STYLE	2.0	300
DCA-250T-24C	2.5	2.00	1/4-20	---	14.0	T-STYLE	2.0	380
DCS-300T-24C	3.0	0.75	1/4-20	1.0	18.0	T-STYLE	3.0	290
DCA-300M-24C	3.0	2.00	1/4-20	1.0	21.0	M-STYLE	3.9	420
DCS-350M-24C	3.5	1.25	1/4-20	1.0	21.0	M-STYLE	4.5	480
DCA-350M-24C	3.5	2.00	1/4-20	1.0	32.0	M-STYLE	4.5	690
DCS-400M-24C	4.0	1.15	5/16-18	1.0	22.0	M-STYLE	7.0	780
DCA-400M-24C	4.0	2.00	5/16-18	1.0	29.0	M-STYLE	7.0	980
DCS-500M-24C	5.0	1.25	3/8-16	2.0	39.0	M-STYLE	9.5	1400
DCA-500M-24C	5.0	2.00	3/8-16	2.0	44.0	M-STYLE	9.5	1900
DCA-600M-24C	6.0	2.00	1/2-13	2.0	44.0	M-STYLE	16.0	2200

HEAVY DUTY ROUND ELECTROMAGNETS

110 VOLT CONTINUOUS DUTY CYCLE



CEA Series
CEA MODELS HAVE
TOP WIRE OUTLET



DCA Series
DCA MODELS HAVE
SIDE WIRE OUTLET

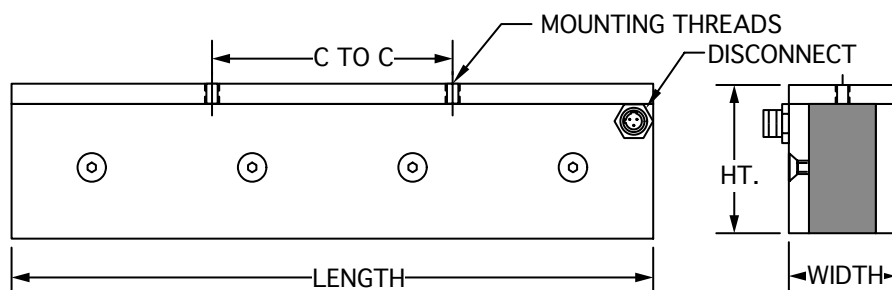
PRODUCT NUMBER	DIMENSIONS-(IN)		MOUNTING THREADS	C TO C	WATTS	CORD	WEIGHT (LBS)	POWER (LBS)
	DIA.	HT.						
CEA-300M-110C	3.0	2.00	1/4-20	1.0	20.0	M-STYLE	3.9	440
CES-350M-110C	3.5	1.25	1/4-20	1.0	25.0	M-STYLE	4.5	500
CEA-350M-110C	3.5	2.00	1/4-20	1.0	25.0	M-STYLE	4.5	700
CES-400M-110C	4.0	1.25	1/4-20	1.0	31.0	M-STYLE	7.0	800
CEA-400M-110C	4.0	2.00	1/4-20	1.0	30.3	M-STYLE	7.0	1000
CES-500M-110C	5.0	1.25	3/8-16	2.0	25.5	M-STYLE	9.5	1400
CEA-500M-110C	5.0	2.00	3/8-16	2.0	34.6	M-STYLE	9.5	1900
CEA-600M-110C	6.0	2.00	1/2-13	2.0	44.0	M-STYLE	16.0	2200
CE-600M-110C	6.0	3.00	1/2-13	2.0	44.0	M-STYLE	16.0	2800
CEA-800S-110C	8.0	2.00	1/2-13	3.0	60.5	S-STYLE E	25.0	3300
CE-800S-110C	8.0	4.00	1/2-13	3.0	49.0	S-STYLE	25.0	4000
CEA-1000S-110C	10.0	2.50	5/8-11	3.0	60.5	S-STYLE	45.0	4700

PRODUCT NUMBER	DIMENSIONS-(IN)		MOUNTING THREADS	C TO C	WATTS	CORD	WEIGHT (LBS)	POWER (LBS)
	DIA.	HT.						
DCA-300M-110C	3.0	2.00	1/4-20	1.0	20.0	M-STYLE	3.9	440
DCS-350M-110C	3.5	1.25	1/4-20	1.0	25.0	M-STYLE	4.5	500
DCA-350M-110C	3.5	2.00	1/4-20	1.0	25.5	M-STYLE	4.5	700
DCS-400M-110C	4.0	1.25	1/4-20	1.0	31.0	M-STYLE	7.0	800
DCA-400M-110C	4.0	2.00	1/4-20	1.0	30.3	M-STYLE	7.0	1000
DCS-500M-110C	5.0	1.25	3/8-16	2.0	25.5	M-STYLE	9.5	1400
DCA-500M-110C	5.0	2.00	3/8-16	2.0	34.6	M-STYLE	9.5	1900
DCA-600M-110C	6.0	2.00	1/2-13	2.0	44.0	M-STYLE	16.0	2200
DC-600M-110C	6.0	3.00	1/2-13	2.0	44.0	M-STYLE	16.0	2800
DCA-800S-110C	8.0	2.00	1/2-13	3.0	60.5	S-STYLE	25.0	3300
DC-800S-110C	8.0	4.00	1/2-13	3.0	49.0	S-STYLE	25.0	4000
DCA-1000S-110C	10.0	2.50	5/8-11	3.0	60.5	S-STYLE	45.0	4700

PARALLEL POLE ELECTROMAGNETS

24, & 110 VOLT DC CONTINUOUS DUTY CYCLE

AEC Parallel Pole Electromagnets offer a continuous magnetic surface along the length of the magnet. These models are ideal for spanning gaps or holes and can be used to hold multiple parts along an array. Parallel pole magnets are often used in multiples to lift and load sheet and plate for burning and forming operations. AEC Engineers can design a system around your needs.

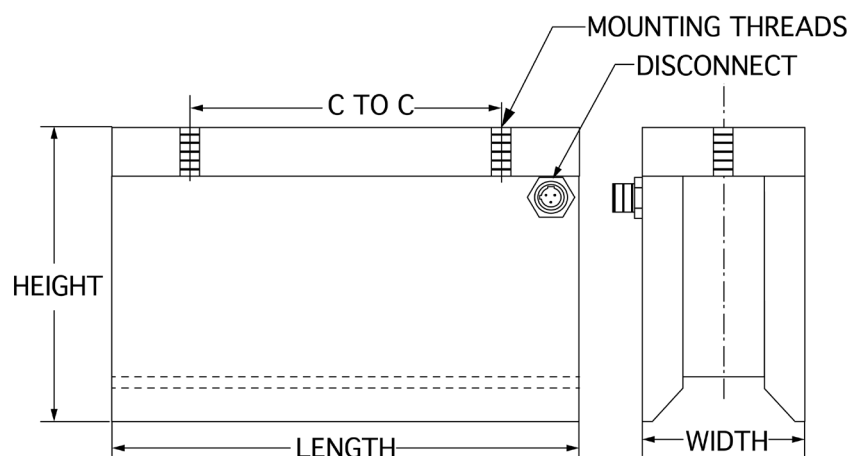


PRODUCT NUMBER	DIMENSIONS-(IN)			MOUNTING THREADS	C TO C	VDC	WATTS	CORD	WGT. (LBS)	POWER (LBS)
	WIDTH	LGTH.	HT.							
BPF-10040M-24C	1.0	4.0	2.75	1/4-20	3.00	24	16	M-STYLE	1.5	180
BPF-10060M-24C	1.0	6.0	2.75	1/4-20	4.00	24	24	M-STYLE	2.0	240
BPF-10080M-24C	1.0	8.0	2.75	1/4-20	6.00	24	32	M-STYLE	2.0	300
BPF-10120M-24C	1.0	12.0	2.75	1/4-20	8.00	24	48	M-STYLE	2.0	440
BPF-15040M-24C	1.5	4.0	2.75	1/4-20	3.00	24	22	M-STYLE	1.5	210
BPF-15060M-24C	1.5	6.0	2.75	1/4-20	4.00	24	36	M-STYLE	2.0	260
BPF-15080M-24C	1.5	8.0	2.75	1/4-20	6.00	24	44	M-STYLE	4.0	310
BPF-15120M-110C	1.5	12.0	2.75	1/4-20	8.00	110	66	M-STYLE	6.0	510
BPF-15180M-110C	1.5	18.0	2.75	1/4-20	2.00	110	108	M-STYLE	9.0	810
BPF-15240M-110C	1.5	24.0	2.75	1/4-20	12.00	110	140	M-STYLE	12.0	1100
BPF-20040M-24C	2.0	4.0	2.75	5/16-18	3.00	24	32	M-STYLE	4.0	470
BPF-20060M-24C	2.0	6.0	2.75	5/16-18	4.00	24	48	M-STYLE	5.0	620
BPF-20080M-24C	2.0	8.0	2.75	5/16-18	6.00	24	64	M-STYLE	8.0	940
BPF-20120M-110C	2.0	12.0	2.75	5/16-18	8.00	110	96	M-STYLE	12.0	1200
BPF-20180M-110C	2.0	18.0	2.75	5/16-18	12.00	110	144	M-STYLE	18.0	1600
BPF-20240M-110C	2.0	24.0	2.75	5/16-18	12.00	110	192	M-STYLE	24.0	2000
BPF-20300M-110C	2.0	30.0	2.75	5/16-18	12.00	110	240	M-STYLE	30.0	2400
BPF-20360M-110C	2.0	36.0	2.75	5/16-18	12.00	110	288	M-STYLE	36.0	2800
BPS-1020-24C	1.0	2.0	1.38	10-32	1.00	24	6	LEADS	0.5	80
BPS-1030-24C	1.0	3.0	1.38	1/4-20	2.00	24	11	LEADS	1.0	170
BPS-1040-24C	1.0	4.0	1.38	1/4-20	3.00	24	12	LEADS	1.5	210
BPS-1060-24C	1.0	6.0	1.38	1/4-20	4.50	24	14	LEADS	2.0	260
BPS-1080-24C	1.0	8.0	1.38	1/4-20	6.25	24	24	LEADS	2.0	310

V-BLOCK ELECTROMAGNETS

24, & 110 VOLT DC CONTINUOUS DUTY CYCLE

Widely used in electric motor manufacturing and centerless grinding applications. 24 volt DC continuous duty V-block electromagnets are ruggedly built to withstand around-the-clock service. Other sizes and mounting configurations are available. Please contact one of our engineers for assistance.



PRODUCT NUMBER	DIMENSIONS-(IN)			MOUNTING THREADS	C TO C	VDC	WATTS	CORD	WGT. (LBS)	POWER (LBS)
	WIDTH	LGTH.	HT.							
BPV-10020T-24C	1.0	2.0	2.75	1/4-20	1.00	24	5.0	T-STYLE	.50	40
BPV-10040M-24C	1.0	4.0	2.75	1/4-20	3.00	24	16	M-STYLE	1.5	180
BPV-10060M-24C	1.0	6.0	2.75	1/4-20	4.00	24	24	M-STYLE	2.0	240
BPV-10080M-24C	1.0	8.0	2.75	1/4-20	6.00	24	32	M-STYLE	2.0	300
BPV-10120M-24C	1.0	12.0	2.75	1/4-20	8.00	24	48	M-STYLE	2.0	440
BPV-15020T-24C	1.5	2.0	2.75	1/4-20	1.00	24	12	T-STYLE	1.0	85
BPV-15040M-24C	1.5	4.0	2.75	1/4-20	3.00	24	22	M-STYLE	1.5	210
BPV-15060M-24C	1.5	6.0	2.75	1/4-20	4.00	24	36	M-STYLE	2.0	260
BPV-15080M-24C	1.5	8.0	2.75	1/4-20	6.00	24	44	M-STYLE	4.0	310
BPV-15120M-110C	1.5	12.0	2.75	1/4-20	8.00	110	66	M-STYLE	6.0	510
BPV-20020M-24C	2.0	2.0	2.75	1/4-20	1.00	24	13	M-STYLE	1.5	105
BPV-20040M-24C	2.0	4.0	2.75	5/16-18	3.00	24	32	M-STYLE	4.0	470
BPV-20060M-24C	2.0	6.0	2.75	5/16-18	4.00	24	48	M-STYLE	5.0	620
BPV-20080M-24C	2.0	8.0	2.75	5/16-18	6.00	24	64	M-STYLE	8.0	940
BPV-20120M-110C	2.0	12.0	2.75	5/16-18	8.00	110	96	M-STYLE	12.0	1200

RECTANGULAR ELECTROMAGNETS

24 & 110 VOLT DC CONTINUOUS DUTY CYCLE



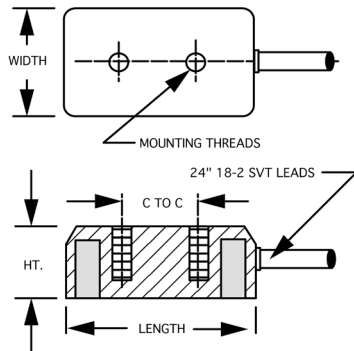
12 & 24 VOLT

Electromagnets are widely used for drilling, tapping and assembly fixturing. Magnets speed set-up and allow for precise alignment. Magnets also have uniform clamping pressure across the entire surface.

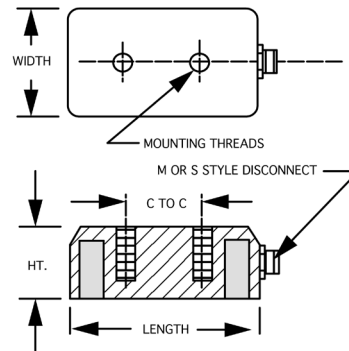


110 VOLT

24 VOLT DC CONTINUOUS DUTY MODELS



110 VOLT DC CONTINUOUS DUTY MODELS



PRODUCT NUMBER	DIMENSIONS-(IN)			MOUNTING THREADS	C TO C	VDC	WATTS	CORD	WGT. (LBS)	POWER (LBS)
	WIDTH	LGTH.	HT.							
EM-1525-12C	1.5	2.5	1.00	1/4-20	.75	12	8	LEADS	1.25	200
ES-1525-12C	1.5	2.5	1.25	10-32	1.00	12	8	LEADS	1.25	200
EMS-1525-12C	1.5	2.5	1.00	10-32	1.00	12	8	LEADS	1.25	200
EM-2545-12C	2.5	4.5	2.00	1/4-20	2.00	12	20	LEADS	5.0	500
EM-3060-12C	3.0	6.0	2.00	3/8-16	1.50	12	35	LEADS	9.0	1200
EM-4080-12C	4.0	8.0	2.25	1/2-13	2.00	12	40	LEADS	16.0	1500
EMS-4080-12C	4.0	8.0	2.50	1/2-13	2.00	12	40	LEADS	18.0	2000
ES-4080-12C	4.0	8.0	2.50	3/8-16	4.00	12	40	LEADS	18.0	2000
EM-6012S-12C	6.0	12.0	3.50	1/2-13	3.00	12	36	S-STYLE	53.0	3800
EM-1525-24C	1.5	2.5	1.00	1/4-20	.75	24	15	LEADS	1.25	200
ES-1525-24C	1.5	2.5	1.25	10-32	1.00	24	13	LEADS	1.25	200
EMS-1525-24C	1.5	2.5	1.00	10-32	1.00	24	15	LEADS	1.25	200
EM-2545-24C	2.5	4.5	2.00	1/4-20	2.00	24	26	LEADS	5.0	600
EM-3060-24C	3.0	6.0	2.00	3/8-16	1.50	24	32	LEADS	9.0	1500
EM-4080-24C	4.0	8.0	2.25	1/2-13	2.00	24	72	LEADS	16.0	1500
EMS-4080-24C	4.0	8.0	2.50	1/2-13	2.00	24	72	LEADS	18.0	2200
ES-4080-24C	4.0	8.0	2.50	3/8-16	4.00	24	72	LEADS	18.0	2200
EM-6012S-24C	6.0	12.0	3.50	1/2-13	3.00	24	96	S-STYLE	53.0	4000
EM-2545M-110C	2.5	4.5	2.00	1/4-20	2.00	110	24	M-STYLE	5.0	700
EM-3060M-110C	3.0	6.0	2.00	3/8-16	1.50	110	35	M-STYLE	9.0	1500
EM-4080S-110C	4.0	8.0	2.25	1/2-13	2.00	110	27	S-STYLE	16.0	2000
EMS-4080S-110C	4.0	8.0	2.50	1/2-13	2.00	110	58	S-STYLE	18.0	2500
ES-4080S-110C	4.0	8.0	2.50	3/8-16	4.00	110	58	S-STYLE	18.0	2500
EM-6012S-110C	6.0	12.0	3.50	1/2-13	3.00	110	65	S-STYLE	53.0	5000

AC POWERED ELECTROMAGNETS

120 VOLT AC CONTINUOUS DUTY CYCLE



AEC AC powered electromagnets have all the same great features and specifications as our DC powered electromagnets with the added convenience of a rectified power cord to plug directly into a standard 120 VAC outlet



CIRCULAR MODELS

RECTANGULAR MODELS

PRODUCT NUMBER	DIMENSIONS-(IN)		MOUNTING THREADS	C TO C	WATTS	WEIGHT (LBS)	POWER (LBS)
	DIA.	HT.					
CSA-200-120AC	2.0	1.63	1/4-20	---	12.6	1.4	170
CE-200-120AC	2.0	2.00	1/4-20	---	13.0	1.4	230
CS-250-120AC	2.5	1.50	1/4-20	.75	16.1	2.1	320
CEA-250-120AC	2.5	2.00	1/4-20	.75	16.0	2.1	380
CEA-300-120AC	3.0	2.00	1/4-20	1.00	20.0	3.9	440
CES-350-120AC	3.5	1.25	1/4-20	1.00	25.5	4.5	500
CEA-350-120AC	3.5	2.00	1/4-20	1.00	25.5	4.5	700
CES-400-120AC	4.0	1.25	1/4-20	1.00	31.0	7.0	800
CEA-400-120AC	4.0	2.00	1/4-20	1.00	30.3	7.0	1000
CES-500-120AC	5.0	1.25	3/8-16	2.00	25.5	9.5	1900
CEA-500-120AC	5.0	2.00	3/8-16	2.00	34.6	9.5	1900
CEA-600-120AC	6.0	2.00	1/2-13	2.00	44.0	16.0	2200
CE-600-120AC	6.0	3.00	1/2-13	2.00	44.0	16.0	2800
CEA-800-120AC	8.0	2.00	1/2-13	3.00	60.5	25.0	3300
CE-800-120AC	8.0	4.00	1/2-11	3.00	49.0	25.0	4000
CEA-1000-120AC	10.0	2.50	5/8-11	3.00	60.5	45.0	4700
DSA-200-120AC	2.0	1.63	1/4-20	---	12.6	1.4	170
DC-200-120AC	2.0	2.00	1/4-20	---	13.0	1.4	230
DS-250-120AC	2.5	1.50	1/4-20	.75	16.1	2.1	320
DCA-250-120AC	2.5	2.00	1/4-20	.75	16.0	2.1	380
DCA-300-120AC	3.0	2.00	1/4-20	1.00	20.0	3.9	440
DCS-350-120AC	3.5	1.25	1/4-20	1.00	25.5	4.5	500
DCA-350-120AC	3.5	2.00	1/4-20	1.00	25.5	4.5	700
DCS-400-120AC	4.0	1.25	1/4-20	1.00	31.0	7.0	800
DCA-400-120AC	4.0	2.00	1/4-20	1.00	30.3	7.0	1000
DCS-500-120AC	5.0	1.25	3/8-16	2.00	25.5	9.5	1900
DCA-500-120AC	5.0	2.00	3/8-16	2.00	34.6	9.5	1900
DCA-600-120AC	6.0	2.00	1/2-13	2.00	44.0	16.0	2200
DC-600-120AC	6.0	3.00	1/2-13	2.00	44.0	16.0	2800
DCA-800-120AC	8.0	2.00	1/2-11	3.00	60.5	25.0	3300
DC-800-120AC	8.0	4.00	1/2-11	3.00	49.0	25.0	4000
DCA-1000-120AC	10.0	2.50	5/8-11	3.00	60.5	45.0	4700

PRODUCT NUMBER	DIMENSIONS-INCHES			MOUNTING THREADS	C TO C	WATTS	WEIGHT (LBS)	POWER (LBS)
	WIDTH	LENGTH	HT.					
ES-1525-120AC	1.5	2.5	1.25	10-32	1.00	13.4	2.0	85
EM-2545-120AC	2.5	4.5	2.00	1/4-20	1.50	24.2	5.0	700
EM-3060-120AC	3.0	6.0	2.00	3/8-16	1.50	27.0	9.0	1500
EM-4080-120AC	4.0	8.0	2.25	1/2-13	2.00	26.9	16.0	2000
EM-6012-120AC	6.0	12.0	3.50	1/2-13	3.00	65.4	53.0	4500

RECTIFIED POWER CORDS

Rectified power cords are a simple and cost effective way to provide 110 Volts DC to continuous duty electromagnets. Simply select the electromagnet you wish to use from the tables below to determine which power cord should be used with the magnet. Now you can connect the magnet to the cord and plug the cord into any switched 120 VAC outlet. Plug must be used as part of the cord, hard-wired versions are not available. Circuit breaker protection of the outlet is also required.



RCM-04552

**110 VOLT DC
CONTINUOUS
DUTY**

THE RPC-1 PLUGS DIRECTLY INTO THE FOLLOWING HEAVY DUTY MODELS:

EM-2545M-110C
EM-3060M-110C
DCA-350M-110C
DCA-400M-110C
DCA-500M-110C
DCA-600M-110C



RCS-03207

**110 VOLT DC
CONTINUOUS
DUTY**

THE RPC-2 PLUGS DIRECTLY INTO THE FOLLOWING HEAVY DUTY MODELS:

EM-4080S-110C
ES-4080S-110C
EMS-4080S-110C
EM-6012S-110C
DCA-800S-110C
DCA-1000S-110C

PRODUCT NUMBER	MAGNET TYPE	LENGTH	MAGNET END	END B TERMINATION
RCS-03207	S	2 METER	STRAIGHT	120 VAC PLUG
RCS-03214	S	1 METER	STRAIGHT	120 VAC PLUG
RCS-03208	S	4 METER	STRAIGHT	120 VAC PLUG
RCS-07308	S	6 METER	STRAIGHT	120 VAC PLUG
RCS-07868	S	10 METER	STRAIGHT	120 VAC PLUG
RCS-07122	S	2 METER	RIGHT ANGLE	120 VAC PLUG
RCS-09349	S	4 METER	RIGHT ANGLE	120 VAC PLUG
RCS-07987	S	6 METER	RIGHT ANGLE	120 VAC PLUG
RCS-08998	S	16 METER	STRAIGHT	120 VAC PLUG
RCM-04552	M	2 METER	STRAIGHT	120 VAC PLUG
RCM-04553	M	4 METER	STRAIGHT	120 VAC PLUG
RCM-07885	M	6 METER	STRAIGHT	120 VAC PLUG
RCM-07341	M	2 METER	STRAIGHT	120 VAC PLUG
RCM-08678	M	4 METER	RIGHT ANGLE	120 VAC PLUG
RCM-09348	M	6 METER	RIGHT ANGLE	120 VAC PLUG
RCM-11558	M	3 METER	STRAIGHT	120 VAC PLUG
RCM-11956	M	3 METER	RIGHT ANGLE	120 VAC PLUG
RCT-06421	T	2 METER	STRAIGHT	120 VAC PLUG
RCT-06422	T	6 METER	STRAIGHT	120 VAC PLUG
RCT-07223	T	2 METER	RIGHT ANGLE	120 VAC PLUG

REPLACEMENT CORDSETS



S



M



T



PRODUCT NUMBER	MAGNET TYPE	LENGTH	MAGNET END	END B TERMINATION	NOTES
MCS-03207	S	2 METER	STRAIGHT	LEADS	FEMALE
MCS-03214	S	1 METER	STRAIGHT	LEADS	FEMALE
MCS-03208	S	4 METER	STRAIGHT	LEADS	FEMALE
MCS-07308	S	6 METER	STRAIGHT	LEADS	FEMALE
MCS-07868	S	10 METER	STRAIGHT	LEADS	FEMALE
MCS-07122	S	2 METER	RIGHT ANGLE	LEADS	FEMALE
MCS-09349	S	4 METER	RIGHT ANGLE	LEADS	FEMALE
MCS-07987	S	6 METER	RIGHT ANGLE	LEADS	FEMALE
MCS-08998	S	16 METER	STRAIGHT	LEADS	FEMALE
MCM-04552	M	2 METER	STRAIGHT	LEADS	FEMALE
MCM-04553	M	4 METER	STRAIGHT	LEADS	FEMALE
MCM-07885	M	6 METER	STRAIGHT	LEADS	FEMALE
MCM-07341	M	2 METER	RIGHT ANGLE	LEADS	FEMALE
MCM-08678	M	4 METER	RIGHT ANGLE	LEADS	FEMALE
MCM-09348	M	6 METER	RIGHT ANGLE	LEADS	FEMALE
MCM-11558	M	3 METER	STRAIGHT	LEADS/COILED CORD	FEMALE
MCM-11956	M	3 METER	RIGHT ANGLE	LEADS/COILED CORD	FEMALE
MCT-06421	T	2 METER	STRAIGHT	LEADS	FEMALE
MCT-06422	T	6 METER	STRAIGHT	LEADS	FEMALE
MCT-07223	T	2 METER	RIGHT ANGLE	LEADS	FEMALE

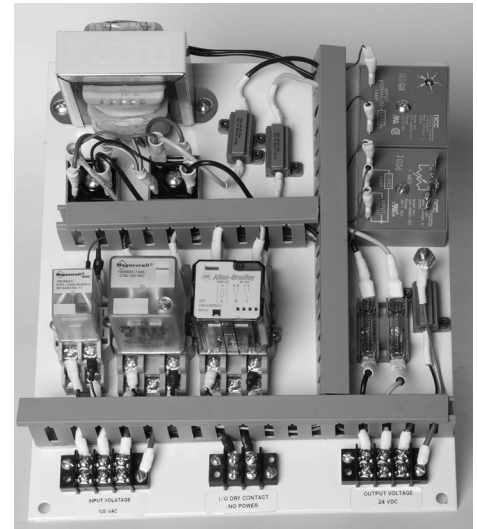
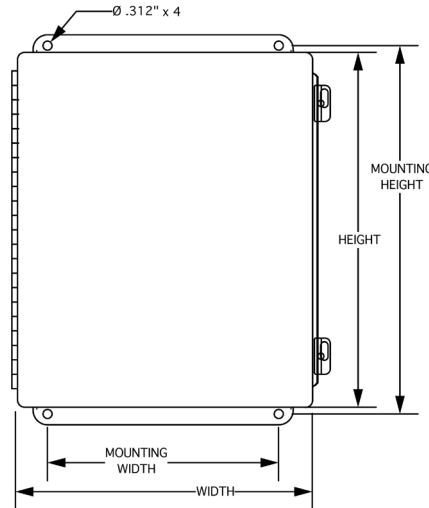
AUTOMATIC POWER SUPPLIES

12, 24, & 110 VDC OUTPUT

Electromagnets require direct current power for operation. Whether used in manual or automated handling of ferrous parts, they must release the work. Release is a function of the power supply, not the electromagnet.

AUTOMATIC POWER SUPPLY (AP)

The AUTOMATIC power supply is designed with a timed pulse reverse current release that ensures positive release of even alloy steels, which are magnetically retentive. A 50ma single pole switch closure is all that is required to activate the power supply and can be incorporated with PLC or other computerized equipment. All automatic power supplies must be mounted vertically and are available with or without a NEMA-12 enclosure. Other enclosures are available.



PRODUCT NUMBER	DIMENSIONS-(IN)			MOUNT HEIGHT	MOUNT WIDTH	OUTPUT	WATTS	WGT.	ENCLOSURE
	HT.	WIDTH	DEPTH						
AP4-048-12V	12.00	10.00	4.25	12.75	8.00	12 VDC	48	18	NEMA-12
AP4-048-12V-P	10.75	8.88	4.25	10.25	8.25	12 VDC	48	6	NONE
AP4-048-24V	12.00	10.00	4.25	12.75	8.00	24 VDC	48	19	NEMA-12
AP4-048-24V-P	10.75	8.88	4.25	10.25	8.25	24 VDC	48	6	NONE
AP4-096-12V	14.00	12.00	5.25	12.75	8.00	12 VDC	96	27	NEMA-12
AP4-096-12V-P	12.75	10.88	5.25	10.25	8.25	12 VDC	96	11	NONE
AP4-096-24V	14.00	12.00	5.25	12.75	8.00	24 VDC	96	27	NEMA-12
AP4-096-24V-P	12.75	10.88	5.25	10.25	8.25	24 VDC	96	11	NONE
AP4-1000-110V	14.00	12.00	5.25	14.75	10.00	110 VDC	1000	27	NEMA12
AP4-1000-110V-P	12.75	10.88	5.25	12.25	10.25	110 VDC	1000	11	NONE
AP4V-1000-110V	16.00	14.00	5.25	16.75	12.00	110 VDC	1000	34	NEMA-12
AP4-250-12V	14.00	12.00	5.25	14.75	10.00	12 VDC	1000	34	NEMA-12
AP4-250-12V-P	12.75	10.88	5.25	12.25	10.25	12 VDC	250	18	NONE
AP4-250-24V	14.00	12.00	5.25	12.75	8.00	24 VDC	250	34	NEMA-12
AP4-250-24V-P	12.75	10.88	5.25	12.25	10.25	24 VDC	250	18	NONE
AP4-300-110V	12.00	10.00	4.25	12.75	8.00	110 VDC	300	19	NEMA-12
AP4-300-110V-P	10.75	8.88	4.25	10.25	8.25	110 VDC	300	6	NONE
AP4-500-12V	16.00	14.00	5.25	16.75	12.00	12 VDC	500	49	NEMA-12
AP4-500-12V-P	14.75	12.88	5.25	14.25	12.25	12 VDC	500	28	NONE
AP4-500-24V	16.00	14.00	5.25	16.75	12.00	24 VDC	500	49	NEMA-12

HEAVY DUTY MANUAL POWER SUPPLIES

12, 24, & 110 VDC OUTPUT

COMPLETE YOUR ELECTROMAGNET INSTALLATION WITH A MANUAL DC POWER SUPPLY



MPS-800S-110V - 120 VOLTS AC INPUT

- 800 WATT CAPACITY
- 110 VDC OUTPUT
- HEAVY DUTY NEMA-12 ENCLOSURE
- "ON/OFF/RELEASE" SWITCH FOR REVERSE POLARITY
- 5' HEAVY DUTY MOLDED 3-PRONG POWER CORD
- 5' MOLDED "S" STYLE DISCONNECT OUTPUT CORD
- FUSED OUTPUT



MPS-800S-110V

THE MPS-800S-110V PLUGS DIRECTLY INTO THE FOLLOWING HEAVY DUTY MODELS:

PRODUCT NUMBER	DIMENSIONS-(IN)			INPUT	OUTPUT	MAX WATTS	WEIGHT	OUTPUT CORD
	LENGTH	WIDTH	HEIGHT					
MPS-048-12V	6.0	4.0	3.5	120 VAC	12 VDC	48	6	LEADS
MPS-048-24V	6.0	4.0	3.5	120 VAC	48 VDC	48	6	LEADS
MPS-096-24V	6.0	6.0	4.0	120 VAC	24 VDC	96	8	LEADS
MPS-300M-110V	4.0	4.0	3.5	120 VAC	110 VDC	300	4	M-STYLE
MPS-800L-110V	6.0	4.0	3.5	120 VAC	110 VDC	800	6	LEADS
MPS-800S-110V	6.0	4.0	3.0	120 VAC	110 VDC	800	6	S-STYLE

BATTERY BACK-UPS FOR ELECTROMAGNETS

For use with manual or automatic power supplies to prevent load drop during brown-outs or black-outs.

FEATURES:

- 10 MINUTE BACK-UP AT FULL LOAD
- INDUSTRIAL DUTY
- 120 VAC INPUT ON ALL MODELS



PRODUCT NUMBER	HEIGHT	WIDTH	DEPTH	OUTPUT VOLTS	WATTS	WEIGHT	MOUNTING
UPS4-1000-110V	17.5	8.2	17.5	120 VAC	1000	75	FLOOR
UPS4-3000-110V	29.8	10.2	26.8	120 VAC	3000	285	FLOOR
UPS4-5000-110V	31.0	15.0	30.0	120 VAC	5000	502	FLOOR

AEC MAGNETICS 1-800-635-3954

FAX 1-800-635-3955

LP SERIES RECTANGULAR LIFTING MAGNETS

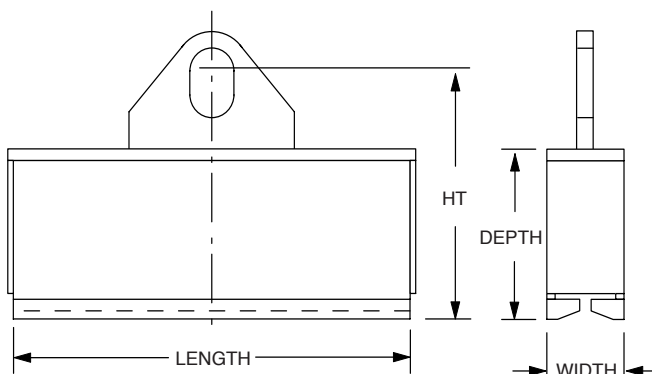
PARALLEL POLE LIFTING MAGNETS ARE IDEAL FOR TUBING & STRUCTURALS



LP SERIES

These high strength electromagnets are furnished with one pair of flat pole shoes to be machined to your requirements. We will quote pricing to machine the poles, or you can machine them to your specifications. LP Series electromagnets are also available with a power supply mounted directly on the magnet. All models are furnished with a 6' disconnect or power cord.

110 VDC Continuous Duty



LPR SERIES

PRODUCT NUMBER	DIMENSIONS-(IN)				INPUT	WATTS	CORD	WEIGHT (LBS)	MAX LOAD WORKING
	WDTH.	LGTH.	HT.	DPTH.					
LP-3506-110C	3.5	6.0	7.0	11.5	110 VDC	70	M-STYLE	45	350
LP-3512-110C	3.5	12.0	7.0	11.5	110 VDC	180	M-STYLE	75	500
LP-3518-110C	3.5	18.0	7.0	10.0	110 VDC	280	M-STYLE	105	800
LP-6012-110C	6.0	12.0	7.5	10.5	110 VDC	242	S-STYLE	110	750
LP-6018-110C	6.0	18.0	7.5	10.5	110 VDC	320	S-STYLE	160	1000
LP-6024-110C	6.0	24.0	7.5	10.5	110 VDC	360	S-STYLE	210	1500
LP-8008-110C	8.0	8.0	10.0	13.0	110 VDC	360	S-STYLE	266	900
LP-8016-110C	8.0	16.0	10.0	13.0	110 VDC	420	S-STYLE	370	1600
LP-8024-110C	8.0	24.0	10.0	13.0	110 VDC	480	S-STYLE	480	2400

PRODUCT NUMBER	DIMENSIONS-(IN)				INPUT	WATTS	CORD	WEIGHT (LBS)	MAX LOAD WORKING
	WDTH.	LGTH.	HT.	DPTH.					
LPR-3506-110C	3.5	6.0	7.0	11.5	120 VAC	70	AC PLUG	45	350
LPR-3512-110C	3.5	12.0	7.0	11.5	120 VAC	180	AC PLUG	75	500
LPR-3518-110C	3.5	18.0	7.0	10.0	120 VAC	280	AC PLUG	105	800
LPR-6012-110C	6.0	12.0	7.5	10.5	120 VAC	242	AC PLUG	110	750
LPR-6018-110C	6.0	18.0	7.5	10.5	120 VAC	320	AC PLUG	160	1000
LPR-6024-110C	6.0	24.0	7.5	10.5	120 VAC	360	AC PLUG	210	1500
LPR-8008-110C	8.0	8.0	10.0	13.0	120 VAC	360	AC PLUG	266	900
LPR-8016-110C	8.0	16.0	10.0	13.0	120 VAC	420	AC PLUG	370	1600
LPR-8024-110C	8.0	24.0	10.0	13.0	120 VAC	480	AC PLUG	480	2400

CIRCULAR ELECTROMAGNETIC LIFTS

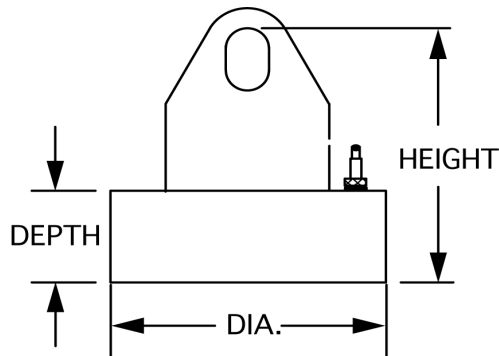
110 VOLT DC CONTINUOUS DUTY

FEATURES:

- FULL WELDED CONSTRUCTION
- ALL COPPER WOUND COILS
- CLASS H INSULATION THROUGHOUT
- STAINLESS STEEL FACE PLATES ARE STANDARD ON THE 8", 10", 12", AND 16" LIFTS AND OPTIONAL ON OTHERS



LCR TYPE LIFT HAS THE MANUAL POWER SUPPLY WITH AN "ON-OFF-RELEASE" SWITCH MOUNTED DIRECTLY ON THE MAGNET



LC TYPE LIFT UTILIZING A REMOTE POWER SUPPLY

MAXIMUM PLATE SIZE FOR ONE LC MAGNET

THICKNESS

LC-600	2' X 4'	12 GA. - 3.5"
LC-800	3' X 5'	12 GA. - 4.0"
LC-1000	4' X 6'	12 GA. - 4.5"
LC-1200	5' X 7'	.250" - 4.5"

PRODUCT NUMBER	DIMENSIONS-(IN)			INPUT	WATTS	CORD	WEIGHT (LBS)	MAX LOAD WORKING
	DIA.	DEPTH	HT.					
LC-600-110C	6.0	3.00	7.5	110 VDC	44	M-STYLE	22	750
LC-800-110C	8.0	4.00	9.0	110 VDC	80	S-STYLE	50	2000
LC-1000-110C	10.0	4.25	13.5	110 VDC	240	S-STYLE	100	3000
LC-1200-110C	12.0	4.25	13.5	110 VDC	403	S-STYLE	138	4000
LC-1600-110C	16.0	4.25	18.7	110 VDC	480	S-STYLE	330	8000

PRODUCT NUMBER	DIMENSIONS-(IN)			INPUT	WATTS	CORD	WEIGHT (LBS)	MAX LOAD WORKING
	DIA.	DEPTH	HT.					
LCR-600-110C	6.0	3.00	7.5	120 VAC	44	AC PLUG	22	750
LCR-800-110C	8.0	4.00	9.0	120 VAC	80	AC PLUG	50	2000
LCR-1000-110C	10.0	4.25	13.5	120 VAC	240	AC PLUG	100	3000
LCR-1200-110C	12.0	4.25	13.5	120 VAC	403	AC PLUG	138	4000
LCR-1600-110C	16.0	4.25	18.7	120 VAC	480	AC PLUG	330	8000

AEC MAGNETICS 1-800-635-3954

FAX 1-800-635-3955

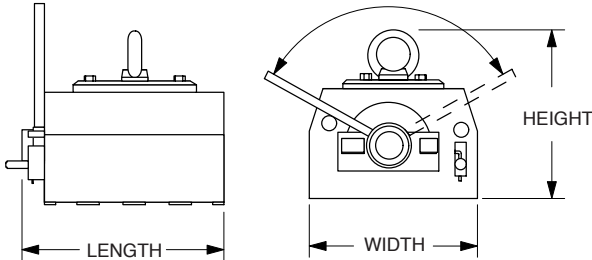
JLM SERIES MAGNETIC LIFTS

JLM MODELS EASILY HANDLE ROUNDS AND FLATS WITH "ON-OFF" CONVENIENCE

Permanent Magnetic Lifts With Internal Release

FEATURES:

- Rugged Construction
- Internal Release System
- Never Needs Recharging
- Smooth "On-Off" Operation
- Forged Eyebolts



PRODUCT NUMBER	DIMENSIONS-(IN)			WEIGHT (LBS)	FLAT CAPACITY	ROUND CAPACITY
	WIDTH	LENGTH	HEIGHT			
JLM-0275	2.7	6.10	5.4	9	275	110
JLM-0550	3.6	8.40	7.3	24	550	335
JLM-1100	4.8	11.8	9.8	59	1100	650
JLM-2200	6.9	14.10	11.7	139	2200	1100
JLM-4400	9.2	18.8	16.0	180	4400	2200

Industrial Magnetic Lifters are made with super strong neodymium rare earth magnets. Completely enclosed and works without electricity, batteries or cables. Magnetic force can be "turned on" or "turned off" by using self-locking control handle. Made for safe and easy industrial operation. New Design with stronger magnetic force and safer operation

To turn on the lifter's magnetic force, just turn the handle towards the right approximately 100 degrees and lock it in the security latch, which blocks it during the working period. And efficient design allows the lifter to handle either flat or round surfaces, it has a safety lever, which avoids accidental "turn off". These Permanent magnet lifters are able to solve handling needs of ferrous materials at an exceptionally low cost, without using electricity, without any installation or maintenance cost whatsoever. Besides, thanks to its low weight, it can be incorporated in any type of crane.

POWERFUL Super Strong, even with air gaps and surface coatings.

SAFE: A3 safety rate and a lever with security blocker.

LIGHT: Detachment strength from 80 to 115 times its weight

Easy To Use: They can be "turn on" or "turn off" and with one hand.

Breakaway Force: The force required to detach a magnet from a work load surface when the force is applied normally to the work load surface and through the center of force of the magnet.

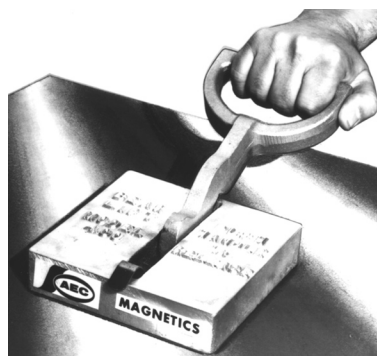
MAGNETIC SHEET HANDLERS



SH-600 \$190.00



SH-400 \$170.00



SH-250 \$150.00



SH-100 \$100.00

SH-100 for handling 25 to 50 lbs.

SH-250 for light gauge sheet up to 125 lbs.

SH-400 for maximum loads of 200 lbs.

SH-600 for loads up to 300 lbs. Powerful, yet light enough for hand use.

PRODUCT NUMBER	DIMENSIONS-(IN)				WEIGHT	WORKING LOAD
	LENGTH	WIDTH	DEPTH	HEIGHT		
SH-100	6	3.5	1.375	8.75	3.50	50
SH-250	6	6.0	1.375	8.75	6.75	125
SH-400	6	6.0	1.375	8.75	6.75	200
SH-600	6	7.25	1.375	8.75	8.25	300

HANDI-TOOL

An effective, rapid means of handling small iron and steel parts from stock bins, boxes, kegs, tables or floor. Smooth, uninterrupted side surfaces allows fast, easy burrowing into loose material. A fingertip raise of the release bar drops the entire load.

PRODUCT NUMBER	DIMENSIONS-(IN)			WEIGHT	CAPACITY
	WIDTH	LENGTH	HEIGHT		
T-71	1.625	4.75	9.25	2.75	3
T-72	3.125	4.75	9.25	4.50	5
T-74	4.75	6.25	9.25	8.00	9
LONG HANDLED:					
T-71-30	1.625	4.75	34	2.75	3
T-72-30	3.125	4.75	34	4.50	5



RUGGED CONSTRUCTION
NEVER NEEDS RECHARGING
STAINLESS STEEL HOUSING



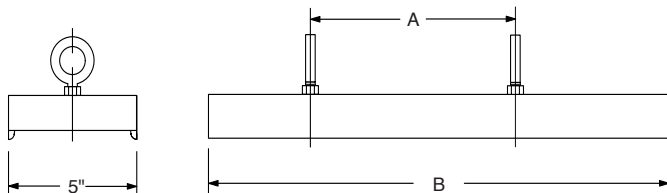
AEC MAGNETICS 1-800-635-3954

FAX 1-800-635-3955

PERMANENT MAGNETIC SWEEPERS



Pick up steel tramp on construction sites, etc.



YARD SWEEPERS

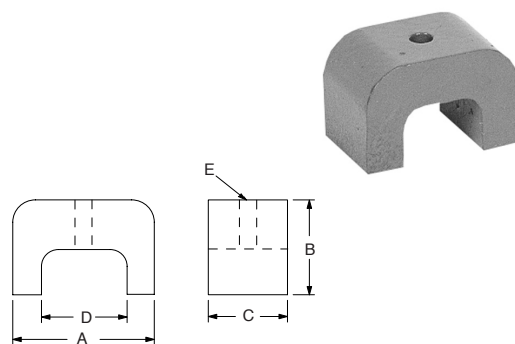
PRODUCT NUMBER A B WEIGHT

YS-36	22"	36"	48 lbs.
YS-48	34"	48"	63 lbs.
YS-60	46"	60"	78 lbs.
YS-72	46"	72"	93 lbs.
YS-84	46"	84"	108 lbs.

ECLIPSE ALNICO HORSESHOE MAGNET

PRODUCT NUMBER	A	B	C	D	E	POWER (LBS)
E-811	1.187	0.750	0.750	0.562	.156	10
E-812	1.562	1.000	1.000	0.750	.187	18
E-813	1.750	1.187	1.187	0.875	.187	23
E-814*	2.250	1.375	1.750	1.375	.312	51
E-815*	2.750	1.625	2.250	1.625	.312	71
E-816*	3.125	2.125	3.250	1.875	.375	104

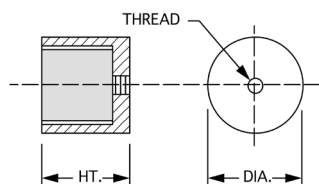
* (2) HOLES



POT MAGNETS

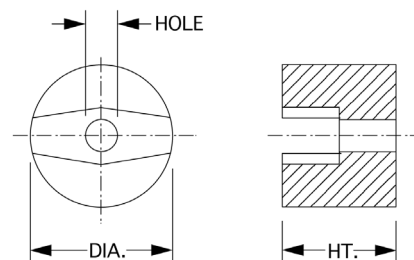
PRODUCT NUMBER DIA. LENGTH HEIGHT POWER (LBS)

E-831	0.687	0.625	10-32	6
E-832	0.812	0.750	10-32	9
E-833	1.062	1.000	10-32	15
E-834	1.375	1.875	10-32	44

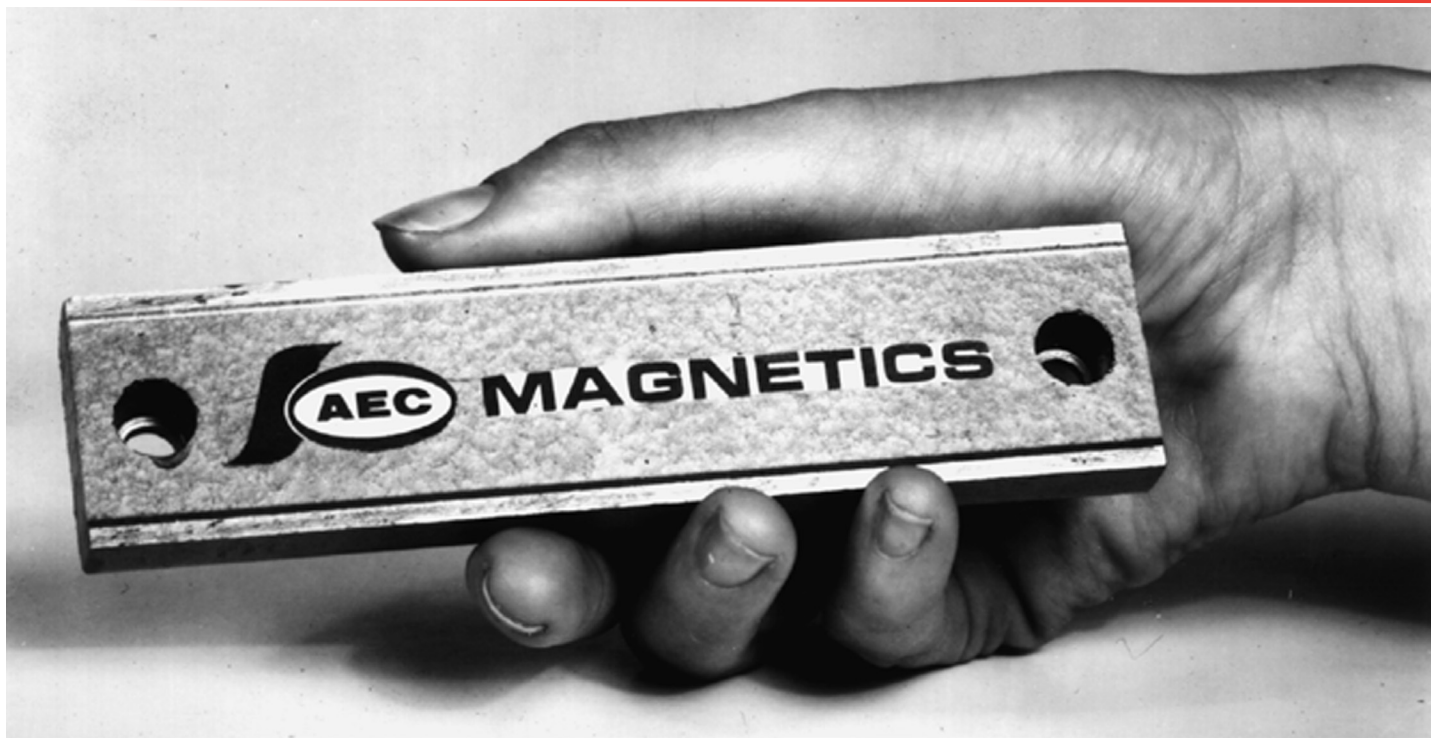


ALNICO V BUTTON MAGNETS

PRODUCT NUMBER	DIA.	HT.	MOUNTING HOLE	POWER (LBS)
E-821	0.500	0.375	.172	2
E-822	0.750	0.500	.187	4
E-823	1.000	0.625	.187	8
E-824	1.250	1.000	.281	11

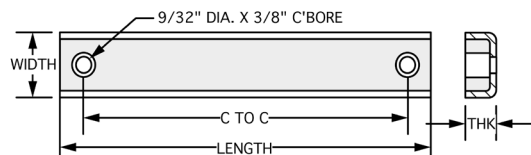


PERMANENT CERAMIC MAGNETIC RAILS

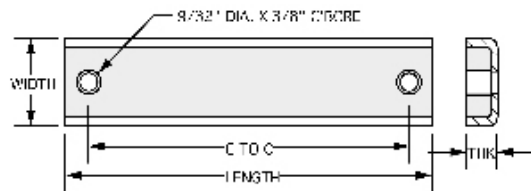


Ideal for holding materials on conveyors, press work, paint racks, fixtures, display units, engineering rooms, tool holders, etc. Other lengths are available.

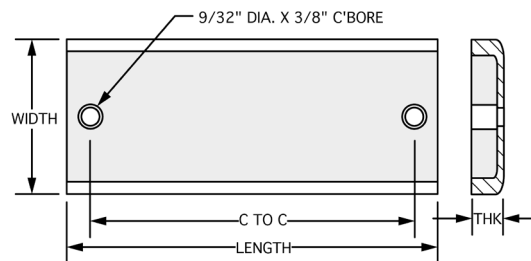
PRODUCT NUMBER	WIDTH	LENGTH	THICKNESS	C TO C	WGT. (LBS)	POWER
MH-1010-040	1.00	4.00	.500	3.25	.25	34
MH-1010-060	1.00	6.00	.500	5.25	.05	51
MH-1010-080	1.00	8.00	.500	7.25	.75	68
MH-1010-120	1.00	12.00	.500	11.25	1.00	78
MH-1010-180	1.00	18.00	.500	17.25	1.50	117



PRODUCT NUMBER	WIDTH	LENGTH	THICKNESS	C TO C	WGT. (LBS)	POWER
MH-1037-033	1.38	3.37	.500	2.63	.25	32
MH-1037-055	1.38	5.50	.500	4.75	.05	62
MH-1037-060	1.38	6.00	.500	5.25	.75	62
MH-1037-080	1.38	8.00	.500	7.25	.75	91
MH-1037-120	1.38	12.00	.500	11.25	1.25	161
MH-1037-180	1.38	18.00	.500	17.25	2.25	270



PRODUCT NUMBER	WIDTH	LENGTH	THICKNESS	C TO C	WGT. (LBS)	POWER
MH-1237-040	2.38	4.00	.500	3.25	.75	112
MH-1237-060	2.38	6.00	.500	5.25	1.20	168
MH-1237-080	2.38	8.00	.500	7.25	1.60	224
MH-1237-120	2.38	12.00	.500	11.25	2.25	336
MH-1237-180	2.38	18.00	.500	17.25	3.60	504

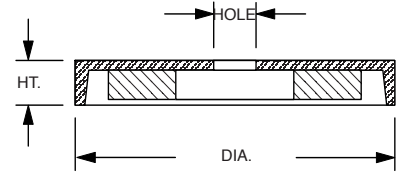


AEC MAGNETICS 1-800-635-3954

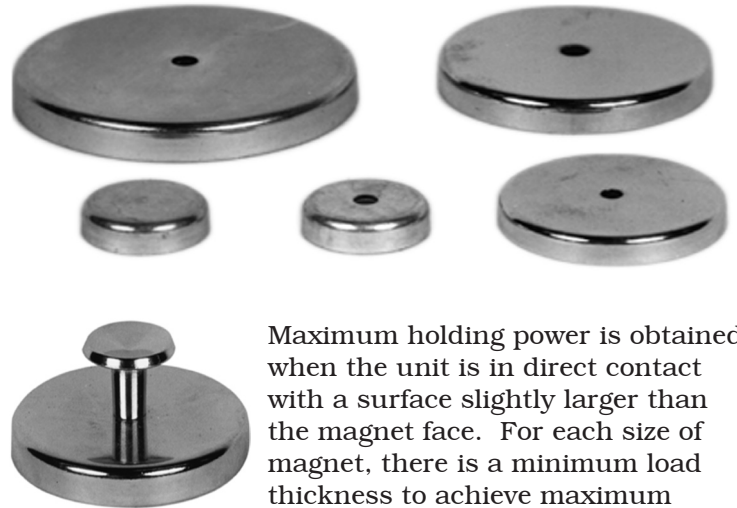
FAX 1-800-635-3955

CERAMIC MAGNETIC CUP ASSEMBLIES

A permanent magnet bonded in a round, brightly-plated steel cup gives these assemblies added holding power. Post notes and announcements on any steel surface or use as fixturing magnets to hold parts in place. Quantity discounts available.



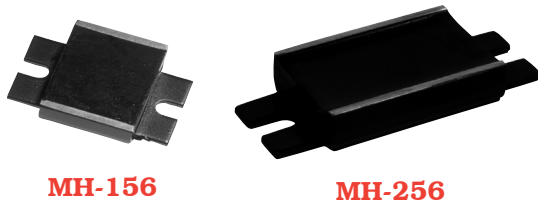
PRODUCT NUMBER	DIA.	HT.	HOLE	HANDLE	POWER (LBS)
MA-125-H	1.42	.28	.187	NO	7
MA-125-HH	1.50	.28	---	YES	7
MA-175-H	2.06	.32	.187	NO	10
MA-175-HH	2.06	.32	---	YES	10
MA-238-BH	2.65	.38	.375	NO	25
MA-238-H	2.65	.38	.250	NO	25
MA-238-HH	2.65	.38	---	YES	25
MA-287-H	3.20	.44	.281	NO	50
MA-287-HH	3.20	.44	---	YES	50
MA-338-H	3.75	.50	.313	NO	90
MA-338-HH	3.75	.50	---	YES	90
MA-454-H	4.90	.50	.500	NO	120
MA-454-HH	4.90	.50	---	YES	120



Maximum holding power is obtained when the unit is in direct contact with a surface slightly larger than the magnet face. For each size of magnet, there is a minimum load thickness to achieve maximum

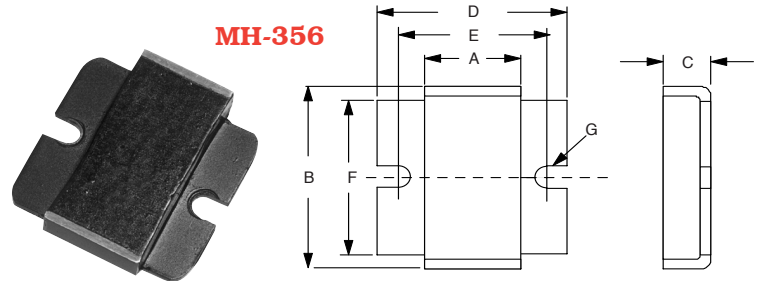
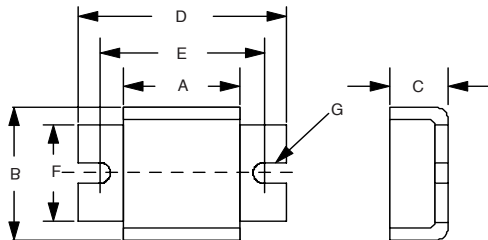
HORSE SHOE MAGNET ASSEMBLIES

These magnets are ideal for holding tools, mounting in fluid reservoirs, as conveyor rails, etc.

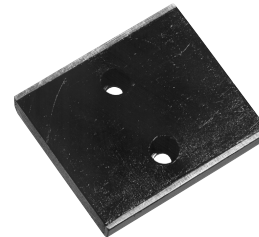


MH-156

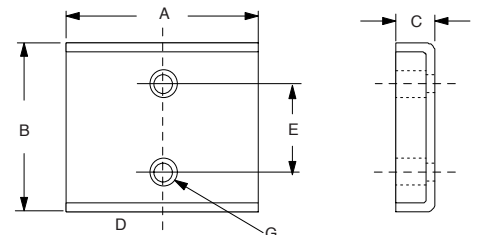
MH-256



MH-356



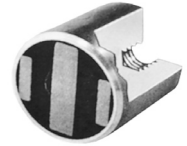
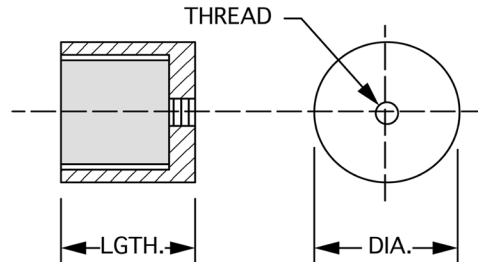
MH-856



PRODUCT NUMBER	A	B	DIMENSIONS-(IN)			F	G	WGT.	POWER (LBS)
MH-156	1.130	1.375	0.563	2.000	1.560	1.000	.281	.06	18
MH-256	2.125	1.312	0.500	3.250	2.625	1.000	.281	.08	31
MH-356	1.130	2.380	0.500	2.250	1.750	2.000	.281	1.0	31
MH-856	2.750	2.375	0.500	1.375	1.250	-----	.281	1.2	60

PERMANENT MAGNETIC ASSEMBLIES

Maximum holding power is obtained when the unit is in direct contact with a surface slightly larger than the magnet face. For each size of magnet there is a minimum load thickness to achieve maximum holding power. Alnico magnet assemblies can handle temperatures up to 800 degrees Fahrenheit. Ceramic magnet assemblies can handle temperatures up to 200 degrees Fahrenheit.



TAPPED ALNICO ASSEMBLIES

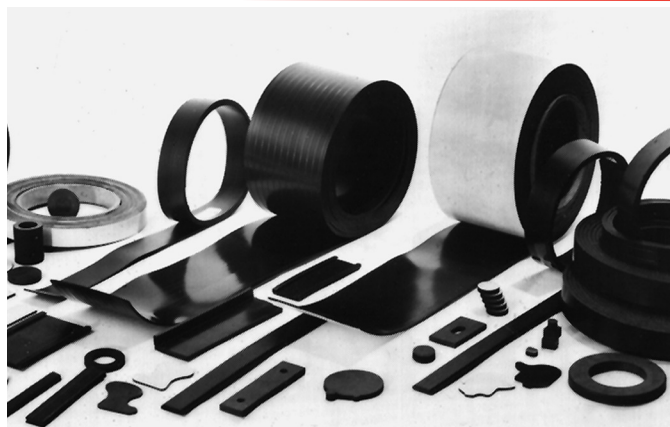
PRODUCT NUMBER	DIA.	LENGTH	THREADS	POWER (LBS)
1290-T-08	0.250	0.500	8-32	0.34
1291-T-08	0.312	0.500	8-32	0.79
1292-T-08	0.375	0.500	8-32	1.55
1293-T-08	0.500	0.500	10-32	2.50
1293-T-12	0.500	0.750	10-32	3.00
1293-T-16	0.500	1.000	10-32	3.50
1294-T-08	0.625	0.500	10-32	2.75
1294-T-12	0.625	0.750	10-32	4.25
1294-T-16	0.625	1.000	10-32	4.80
1295-T-08	0.750	0.500	10-32	5.25
1295-T-12	0.750	0.750	10-32	9.15
1295-T-16	0.750	1.000	10-32	9.45
1295-T-20	0.750	1.250	10-32	10.00
1296-T-08	0.875	0.500	1/4-20	8.60
1296-T-12	0.875	0.750	1/4-20	13.20
1296-T-16	0.875	1.000	1/4-20	16.50
1296-T-20	0.875	1.250	1/4-20	17.30
1297-T-08	1.000	0.500	1/4-20	7.25
1297-T-12	1.000	0.750	1/4-20	15.50
1297-T-16	1.000	1.000	1/4-20	17.00
1297-T-20	1.000	1.250	1/4-20	19.00
1298-T-12	1.250	0.750	1/4-20	17.50
1298-T-16	1.250	1.000	1/4-20	21.00
1298-T-20	1.250	1.250	1/4-20	25.00

2 & 3 POLE CERAMIC ASSEMBLIES

PRODUCT NUMBER	DIA.	LENGTH	THREADS	POWER (LBS)
1100-08	0.250	0.500	--	0.100
1100-12	0.250	0.750	--	0.150
1102-08	0.375	0.500	--	1.000
1102-12	0.375	0.750	--	1.750
1102-16	0.375	1.000	--	2.250
1104-08	0.500	0.500	--	2.750
1104-12	0.500	0.750	--	3.250
1104-16	0.500	1.000	--	3.750
2200-T-08	0.625	0.500	10-24	2.300
2200-T-12	0.625	0.750	10-24	5.100
2200-T-16	0.625	1.000	10-24	7.100
2201-T-08	0.750	0.500	10-24	5.000
2201-T-12	0.750	0.750	10-24	7.800
2201-T-16	0.750	1.000	10-24	9.800
2202-T-08	0.875	0.500	1/4-20	6.200
2202-T-12	0.875	0.750	1/4-20	11.800
2202-T-16	0.875	1.000	1/4-20	16.600
2203-T-08	1.000	0.500	1/4-20	8.400
2203-T-12	1.000	0.750	1/4-20	17.600
2203-T-16	1.000	1.000	1/4-20	20.800
PAINTED ALNICO MODELS				
2204-T-08	1.250	0.500	1/4-20	7.200
2204-T-12	1.250	0.750	1/4-20	22.800
2204-T-16	1.250	1.000	1/4-20	26.000
2204-T-20	1.250	1.250	1/4-20	34.000

FLEXIBLE MAGNETIC STRIP AND SHEET

Flexible magnetic material has opened up new areas of product design by introducing a highly versatile, low cost solution for permanent magnetic applications. This material is great for environments where shock absorption and irregular shapes are necessary. Flexible magnetic material is easily cut, punched, machined and slit to almost any specification. The magnetic strip is also available with a pressure sensitive adhesive backing.



MAGNETIC STRIP

NON-ADHESIVE BACKED

PRODUCT#	THICKNESS	WIDTH	LENGTH	WEIGHT	ADHESIVE	COLOR
P-120	.030	0.50	200	4	NONE	BROWN
P-130	.030	0.75	200	7	NONE	BROWN
P-140	.030	1.00	200	9	NONE	BROWN
P-180	.030	2.00	200	18	NONE	BROWN
P-220	.060	0.50	100	4	NONE	BROWN
P-230	.060	0.75	100	7	NONE	BROWN
P-240	.060	1.00	100	9	NONE	BROWN
P-280	.060	2.00	100	18	NONE	BROWN
P-420	.120	0.50	50	4	NONE	BROWN
P-440	.120	1.00	50	9	NONE	BROWN
P-480	.120	2.00	50	18	NONE	BROWN

ADHESIVE BACKED

PA-120	.030	0.50	200	4	ACRYLIC	BROWN
PA-130	.030	0.75	200	7	ACRYLIC	BROWN
PA-140	.030	1.00	200	9	ACRYLIC	BROWN
PA-180	.030	2.00	200	18	ACRYLIC	BROWN
PA-220	.060	0.50	100	4	ACRYLIC	BROWN
PA-230	.060	0.75	100	7	ACRYLIC	BROWN
PA-240	.060	1.00	100	9	ACRYLIC	BROWN
PA-280	.060	2.00	100	18	ACRYLIC	BROWN

MAGNETIC SHEETING

P-03050	.030	24.25	50	54	NONE	PLAIN
P-03050-WG	.030	24.25	50	54	NONE	WHITE
P-03050-AD	.030	24.25	50	54	ACRYLIC	BROWN
P-03050-BK	.030	24.25	50	54	NONE	BLACK
P-03050-BL	.030	24.25	50	54	NONE	BLUE
P-03050-BR	.030	24.25	50	54	NONE	BROWN
P-03050-GO	.030	24.25	50	54	NONE	GOLD
P-03050-GR	.030	24.25	50	54	NONE	GREEN
P-03050-OR	.030	24.25	50	54	NONE	ORANGE
P-03050-RE	.030	24.25	50	54	NONE	RED
P-03050-SL	.030	24.25	50	54	NONE	SILVER
P-03050-YE	.030	24.25	50	54	NONE	YELLOW



MAGNETICS

AUTOMATIC EQUIPMENT CORPORATION
4699 INTERSTATE DR, CINCINNATI, OHIO 45246
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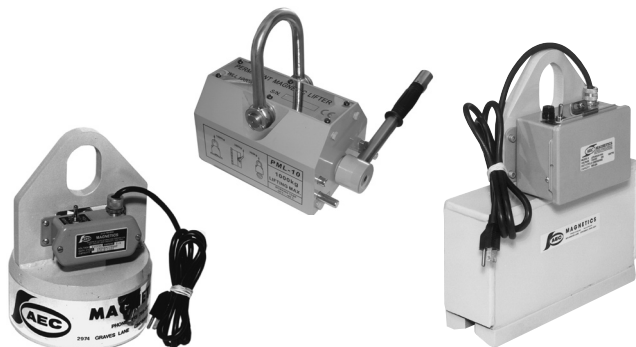
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