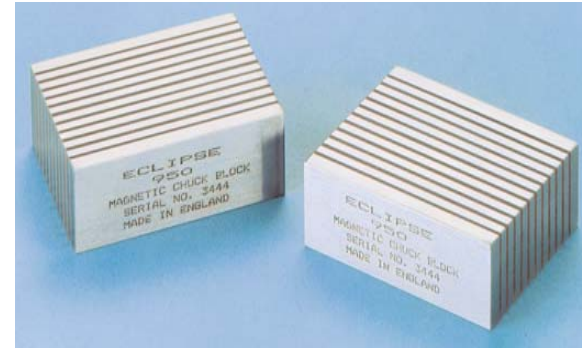


CHUCK BLOCKS

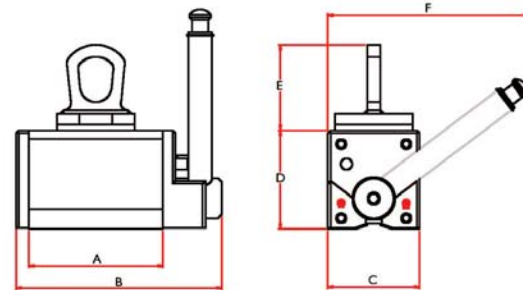
- Supplied in matched and numbered pairs
- They may be used horizontally or vertically
- Can be machined to accommodate awkward workpieces
- Can be used to extend the flux paths of a magnetic chuck with parallel poles



Product No.	Width (mm)	Length (mm)	Height (mm)	Weight (kg)	Unit of Pack
950	75	60	30	1.45	1 match pair

RARE EARTH LIFT MAGNET

- Lifting Eye Mechanism guarantees the load cannot be dropped under tension (patents pending).
- Patented 'Safety Shim' qualifies load.
- Guarantees a 3:1 Safety Factor irrespective of unknown weights, poor surface condition, thinner sections etc.
- Is quick and easy to use.
- Goods are not marked or damaged during the lifting operation.



Model No	Weight (kg)	Dimensions (mm)						Flat Section			Round Section	
		A	B	C	D	E	F	SWL kg	Thickness Min (mm)	Length Max (mm)	SWL kg	Diameter Max (mm)
UL0125+	4	101	155	69	74	64	152	125	20	1500	50	200
UL0250+	11	155	214	92	96	94	218	250	25	1500	100	300
UL0500+	27	224	300	122	128	123	266	500	30	1500	200	400
UL1000+	63	260	359	176	174	140	391	1000	45	1500	400	450
UL2000+	157	368	477	233	227	195	493	2000	55	2000	800	600

Model No	Weight (lb)	Dimensions (inches)						Flat Section			Round Section	
		A	B	C	D	E	F	SWL lbs	Thickness Min (inches)	Length Max (inches)	SWL lbs	Diameter Max (inches)
UL0275+	9	4.0	6.1	2.7	2.9	2.5	6.0	275	0.79	60	110	8
UL0550+	24	6.1	8.4	3.6	3.8	3.7	8.6	550	1	60	220	12
UL1100+	59	8.8	11.8	4.8	5.0	4.8	10.5	1100	1.18	60	440	16
UL2200+	139	10.2	14.1	6.9	6.9	5.5	15.4	2200	1.57	60	880	18
UL4400+	345	14.5	18.8	9.2	8.9	7.7	19.4	4400	2.17	80	1760	24

TABLE TOP DEMAGNETISER

- Lightweight units for the removal of residual magnetism from components after workholding
- CE approved

Product No.	Voltage (V)	Width (mm)	Height (mm)	Depth (mm)	Weight (kg)
DA955	240	150	117	87	3.83
DB956	110	150	117	87	3.83
DB956CAN	110	150	117	87	3.83
DB956EUR	110	150	117	87	3.83



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Magnetic Workholding

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.

PREMIER RANGE MAGNETIC CHUCKS

Based on the first Permanent Magnet Chuck invented in 1934 by Eclipse Magnetics the current Premier Range has evolved to embody the design and quality that typifies the standard of excellence in the market place.

- 'All Metal' (no resin) top plates for maximum coolant resistance and maximum accuracy
- Chrome plated steel side and end stops for maximum datum accuracy
- 3 Year Guarantee against faulty materials and workmanship
- Chucks can be partially energized to aid positioning and set-up
- New ergonomically designed and removable handles

RECTANGULAR MAGNETIC CHUCKS



Premier Rectangular Chucks (Grinding Series)								
Product No.	Length of chuck face (mm)	Length of base plate (mm)	Depth of top plate (mm)	Depth of base plate (mm)	Chuck height (mm)	Overall width (mm)	Pole Pitch	Delivery
AX510/P	258	276	19	14	53	129	35	S
AXS612/P	310	322	19	19	65	151	32	S
AXS614/P	351	360	19	19	65	151	32	S
AXS618/P	451	451	19	19	65	151	32	S
AMX824/P	601	601	19	19	66	201	35	S
AXM1220/P	501	501	22	19	69	301	35	S
AXM1224/P	601	601	22	19	69	301	35	S
AX44/P	103	127	10	9	42	127	35	S
AX47/P	178	203	10	9	40	127	35	S
AX255/P	134	N/A	12	N/A	75	64	35	S

S = Available from stock

M = Manufactured to order

Please note that the dimensions provided are for guidance only.

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CIRCULAR MAGNETIC CHUCKS

The Unique top plate configuration means that the magnetic energy is concentrated on the top face of the chuck.

- The chucks can be partially magnetized to aid the correct positioning of the workpiece
- Grooved rings in the top plate assist visual positioning/centering
- Excellent for holding irregular and thin ring shaped components which can be subject to distortion
- Removable handle

Product No.	Dia. (mm)	Height (mm)	Mounting recess dia. (mm)	Mounting recess depth (mm)	Mounting holes PCD (mm)	Mounting holes thread size	Distance between 4 outer mounting holes (mm)
AX475C/P	121	45	51	6	76	M6	102
AX651C/P	165	57	76	4	102	M10	140
AX91C/P	229	60	86	5	114	M10	191
AX12C/P	305	76	152	5	184	M12	254
AX15C/P	381	83	197	8	N/A	M12	235

Please note that the dimensions provided are for guidance only.

Additional sizes not covered above, can be considered upon request.



RADIAL POLE MAGNETIC CHUCKS

The radial pole configuration concentrates the entire magnetism of the chuck into the workpiece - ideal for a wide range of operations from precision grinding to heavy turning.

- Physically balanced to enable use where RPM is high
- Resin filled mild steel top plate
- Through-bore allows through flushing of coolant during machining

Product No.	Dia. (mm)	Depth (mm)	Mount recess dia. (mm)	Mount recess depth (mm)	Mount holes PCD (mm)	Mount holes thread size	Dist. bet. 4 outer mount holes (mm)	Thro' bore dia. (mm)	No. of poles
NR100C	100	48	51	6	N/A	M6	76	N/A	6
NR150C	150	69	76	4	N/A	M10	102	36	10
NR225C	225	71	86	5	114	M10	191	54	14
NR300C	300	71	152	5	184	M12	254	66	18

Please note that the dimensions provided are for guidance only.



STANDARD RANGE MAGNETIC CHUCKS

Standard Range Chucks are designed to provide a high performance at an extremely competitive price.

Standard Range Chucks are available in 2 different pole pitch configurations for maximum flexibility and are suitable for most applications.

- Brass and steel top plates for maximum coolant resistance and maximum accuracy
- Removable hexagon key handles on the fine pole and medium pole models
- Chrome plated steel side and end stops for maximum datum accuracy
- 1 Year Guarantee against faulty materials and workmanship
- Lifetime Magnetism Guarantee - they cannot become demagnetized unless dismantled

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RECTANGULAR & CIRCULAR MAGNETIC CHUCKS

- All metal top plates - hard wearing brass and steel
- Brass and steel top plates for maximum coolant resistance and maximum accuracy
- Removable hexagon key handles on the fine pole and medium pole models
- Chrome plated steel side and end stops for maximum datum accuracy
- Lifetime Magnetism Guarantee - they cannot become demagnetised unless dismantled
- Efficient rare earth magnetic circuit
- High performance at a competitive price
- 1 Year Guarantee against faulty materials and workmanship

Fine Pole pitch = 1.5mm steel pole piece / 0.5mm brass, giving 80N/cm² clamping force.

• Ideal for thin - medium grinding operations

Standard Pole pitch = 2mm brass strip and 4mm steel piece, providing 80N/cm² clamping force

• Ideal for medium - heavy grinding operations



Product No.	RECTANGULAR				Product No.	CIRCULAR		
	W(mm)	L(mm)	Ht.(mm)	Wt.(kgs)		W(mm)	Ht.(mm)	Wt.(kgs)
ERSP1018	100	180	50	8	ECSP100	100	50	3
ERSP1325	130	250	50	14	ECSP125	125	50	5
ERSP1530	150	300	50	18.5	ECSP160	160	50	7.5
ERSP1535	150	350	50	21.5	ECSP195	195	50	11
ERSP1545	150	450	50	27.5	ECSP255	255	50	16
ERSP2060	200	600	50	50	ECSP310	310	50	24
					ECSP350	350	50	27

MAGNETIC VEE BLOCKS

- Contain powerful Alcomax III magnetic materials
- The units are suitable for holding cylindrical and complex workpieces for marking, spark erosion, grinding and measurement operations



Product No.	Width (mm)	Length (mm)	Height (mm)	Weight (kg)	Max. clamping force on top face (kg)	Max. clamping force on bottom face (kg)
E934 (single unit)	69.85	101.6	95.25	3.96	200	150
E934 MP	69.85	101.6	95.25	7.92	200	150
E935 (single unit)	69.85	80	95.25	3.12	160	120
E935 MP	69.85	80	95.25	6.24	160	120

NB. E934 MP & E935 MP - two Vee Blocks manufactured in pairs to identical height and vee dimensions.

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