

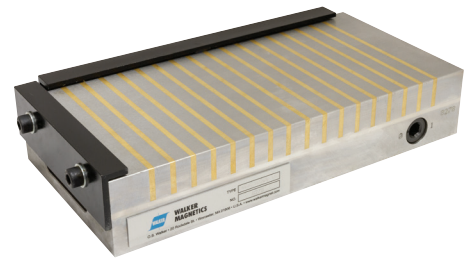
WORKHOLDING CHUCKS FOR GRINDING & MILLING

NEOMILL PERMANENT MAGNETIC CHUCK - MILLING

Neomill Permanent Magnetic Chuck for milling. These permanent magnetic chucks are designed using Neodymium magnets for milling applications. The dual Neodymium magnet pack generates an exceptionally high holding force on workpieces with an uneven or rough contact surface.

FEATURES:

- » Low magnetic field, concentrated near the top plate surface to reduce chip contamination of the work-piece & cutting tool
- » Transverse, close pole division of 11 mm of steel and 4mm of brass allows optimal holding of work-pieces only 26 mm long and 6 mm thick (Usable top plate life: 5 mm)
- » Nominal holding force 120 N/cm²
- » Allen key for actuation and 2 clamps included
- » The top plate can be drilled and tapped to accommodate pins, pegs or other clamping aids.



Face Size AxB (in)	Face Ht. C (in)	Overall Wd. D (in)	Overall Lg. E (in)	Clamp Slot G (in)	Clamp Slot H (in)	Pole Width I (in)	Brass Width J (in)	Weight (lbs)	Model No.
6x12	2.2	6.63	12.31	0.43	0.47	0.433	0.157	45	CP0612MIL
6x18	2.2	6.63	18.31	0.43	0.47	0.433	0.157	77	CP0618MIL
8x18	2.2	8.63	18.31	0.43	0.47	0.433	0.157	110	CP0818MIL
12x24	2.5	12.63	24.31	0.43	0.47	0.433	0.157	196	CP1224MIL

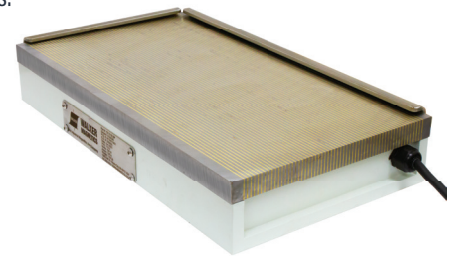
RECTANGULAR ELECTROMAGNETIC CHUCKS

LOW-PROFILE ELECTROMAGNETIC CHUCK - GRINDING

Fine division Long Bar Pole electromagnetic chuck ideal for surface grinding small to medium parts.

FEATURES:

- » Maximum workholding surface
- » Fine pole division for more uniform magnetic holding of small parts
- » Lowest height for maximum clearance
- » Solid brazed construction top plate protects coil from penetration of coolant; provides stronger, more stable work surface.
- » The LBP is an extremely versatile chuck. Its variable holding power permits easy flat grinding (without shimming) or workpieces that do not have one true surface.
- » The magnetic surface pattern allows for simple and inexpensive tooling designs to hold intricate shaped workpieces.
- » Suitable for EDM applications



Face Size AxB (in)	Watts	Face Ht. C (in)	Overall Width D (in)	Overall Length E (in)	Overall Height F (in)	Clamp Slot G (in)	Clamp Slot H (in)	Pole Width I (in)	Brass Width J (in)	Weight (lbs)	Model No.	Recommended Control
4x8	26	2.88	4.54	8.54	3.06	0.5	1.43	0.13	0.03	22	CE0408LBP	SMART150WB
6x12	50	2.88	6.54	12.54	3.06	0.5	1.43	0.13	0.03	46	CE0612LBP	SMART150WB
6x18	85	2.88	6.54	18.54	3.06	0.5	1.43	0.13	0.03	70	CE0618LBP	SMART150WB
8x15	95	2.88	8.54	15.54	3.06	0.5	1.43	0.13	0.03	80	CE0815LBP	SMART150WB
8x18	100	2.88	8.54	18.54	3.06	0.5	1.43	0.13	0.03	100	CE0818LBP	SMART150WB
8x20	125	2.88	8.54	20.54	3.06	0.5	1.43	0.13	0.03	95	CE0820LBP	SMART150WB
8x24	150	2.88	8.54	24.54	3.06	0.5	1.43	0.13	0.03	130	CE0824LBP	SMART150WB
10x18	82	2.88	10.54	18.54	3.06	0.5	1.43	0.13	0.03	130	CE1018LBP	SMART150WB
12x24	141	3.13	12.54	24.54	3.06	0.5	1.43	0.13	0.03	185	CE1224LBP	SMART150WB
16x32	294	3.69	16.54	32.54	3.06	0.5	1.43	0.13	0.03	312	CE1632LBP	SMART300WB

CUSTOM CHUCK OPTIONS

ELECTROMAGNETIC & ELECTROPERM - GRINDING & LIGHT MILLING

With years of experience in recommending the right chuck design for your application, chucks can be custom designed and specified when a standard chuck does not meet the needs of your application. Many times the application can call for unique pole designs and configurations. We can help select the right match for your application for a turn-key solution in many electromagnetic and electro-permanent chuck configurations and sizes. These can be designed to integrate into existing systems to replace old chucks or improve clamping performance. Chuck controls can also be provided and engineered to meet the exact needs of your processes.

