Mag Vise

Electro-Permanent Magnetic Chuck EEPM-A \ EEPM-B \ EEPM-D \ EEPM-E Series



Magnetic Workholding Suitable for CNC Vertical machining center (Can do 5 sides machining)

Features:

- 1. 1-2 seconds control for power ON & OFF. No electric power supply required to keep magnetic chuck ON and provides maximized safety in case of power failure. Never get temperatures to affect the accuracy of workpieces.
- 2. With 8 Magnetic levels for different workpiece size and application to avoid sticking the iron chip.
- 3. Capable for 5 sides machining and un-obstructed cutter movement during machining. Allow workpiece machining finished in one cycle, while still achieving best machining accuracy and highly increased working efficiency.
- 4. Easy and convenient to clamp a workpiece, shortens clamping time.
- 5. Minimum size of workpiece required as 4 alternate magnetic square poles and above contacts is necessary for optimum clamping.
- 6. More functions for cooperate with Induction Block and Spring Block. (See the detail of Option Accessories)

Specification of poles size & Height of magnetic field (Flux Line):

EEPM Chucks are designed for different mold thickness. Specify the mold to be Large, Medium and Small sizes make 4 poles sizes, bigger pole size with higher flux line. Different pole sizes have different magnetic field height (flux line) to ensure mold clamping safety.

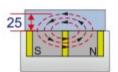
EEPM-A Series Flux Line 15 mm

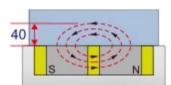
EEPM-B Series Flux Line 25 mm

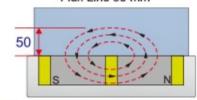
EEPM-D Series Flux Line 40 mm

EEPM-E Series Flux Line 50 mm









Model No.	pole size	Flux line	Workpiece	Application	Magnetic force
EEPM-A	35X35 mm	15 mm	Thin, small	Cutting, milling	580 ±5% Kgf/4 poles
EEPM-B	50X50 mm	25 mm	Small, medium		1250 ±5% Kgf/4 poles
EEPM-D	70X70 mm	40 mm	Medium, large		2800 ±5% Kgf/4 poles
EEPM-E	92X92 mm	50 mm	Large		4800 ±5% Kgf/4 poles

