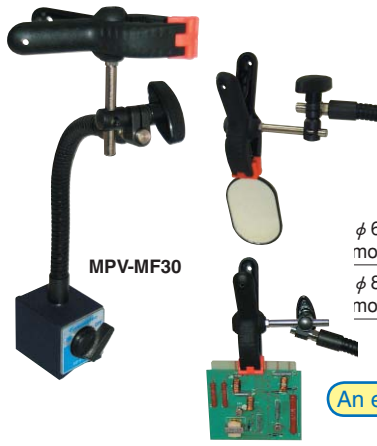


Model MPV-MF FLEXIBLE HOLDER

ELECTROMAGNETIC CHUCKS
ELECTROMAGNETIC CHUCK CONTROLLERS
PERMANENT MAGNETIC CHUCKS
PERMANENT ELECTROMAGNETIC CHUCKS



Universal use! Convenient multi clammer !!

Patent pending

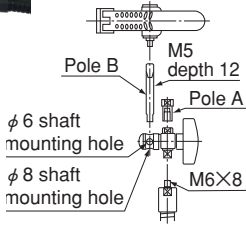
Parts for sale!

[Application]

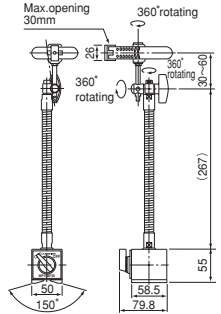
Suitable for auxiliary clamping of parts or tools during machining or assembling work.

[Features]

- Due to various connection options for holding metal parts, application in various use is excellent. In addition to main clammer, shaft of dia. 6. dia. 8 can be fixed.
- Top flexible edge : M6 male screw, top pole edge: M5 male screw parts can be changed.
- Magnetic base with on/off switch makes setting and removing easily done.



An example of mounting



Model	Holding Power	Allowable holding weight	Mass
MPV-MF30	784N (80kgf)	0.6kg	1.4kg/3.08 lb

*clammer with supporting rod is sold separately.
*Clammer can clamp a work piece which length is shorter than 30mm.

Model MPV-CL FLEXIBLE CLAMP

BLOCKS FOR MC
VACUUM CHUCKS
PROMELTA SYSTEM



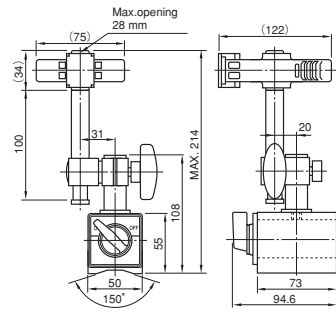
Parts for sale!

[Application]

Suitable for soldering of circuit board of electric parts.
Suitable for holding parts during assembly.
Suitable for wiring as it can clamp electric cables.

[Features]

- The employment of a powerful ON/OFF selectable magnet holder facilitates installation on iron-made worktables and worktables of machine tools.
- The clamp parts are equipped with tough plastic clammers and can be tilted freely.
- The clammers open 28 mm maximum and can be moved up and down in a range of about 90 mm. The clammers are exchangeable. (Optional)



Model	Holding Power	Mass
MPV-CL30	1000N (100kgf)	2.7kg/6.0 lb

*The holding power applies to SS400, thickness 10 mm and ground surface.

Model MPV-F FLEXIBLE VICE

SINE BAR CHUCKS
MAGNETIC BLOCKS
WORKING TOOLS



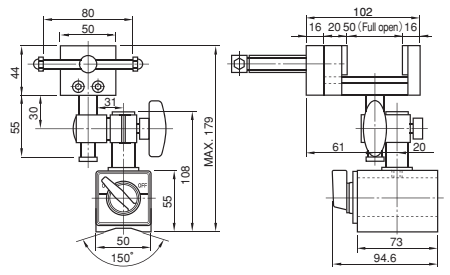
Parts for sale!

[Application]

Suitable for temporarily holding workpieces during assembly.
Suitable for such jobs as manual filing and drilling and tapping of nonmagnetic materials.

[Features]

- The employment of a powerful ON/OFF selectable magnet holder facilitates installation on iron-made worktables and worktables of machine tools.
- The vice can be tilted freely to secure workpieces according to their shapes and machining directions.
- The plates on the workpiece clamping parts are made of nylon to hold non-flat workpieces strongly. The plates are exchangeable. (Optional)



Model	Holding Power	Mass
MPV-F50A	78N (80kgf)	2.7kg/6.0 lb

*The holding power applies to SS400, thickness 10 mm and ground surface.

Model MPV MAGVICE*

MEASURING TOOL HOLDERS
MAGNETIC HOLDERS
MAGNETIC TOOLS

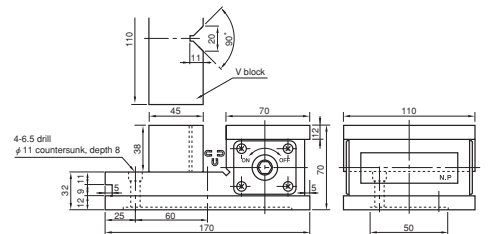


[Application]

Suitable for securing irregular shaped workpieces or tapered workpieces and for machining end faces of round bars and flat workpieces.

[Features]

- The force to secure a workpiece is produced by a magnetic force. Thus, unlike mechanical clamping, no undue force is applied. (Nonmagnetic workpieces cannot be held.)
- The select handle can be operated from both sides.
- Can be mounted on a magnetic chuck on a machine.



■Magnetic force: Side slip resistance is 575 N (57.5 kg) for iron square bars of 30 mm × 30 mm × 130 mm and 480 N (48 kgf) for iron round bars of φ30 × 130 mm thanks to the strong built-in permanent magnet. Thus, the MAGVICE works well in grinding operations also.
■Mass: 7.3 kg