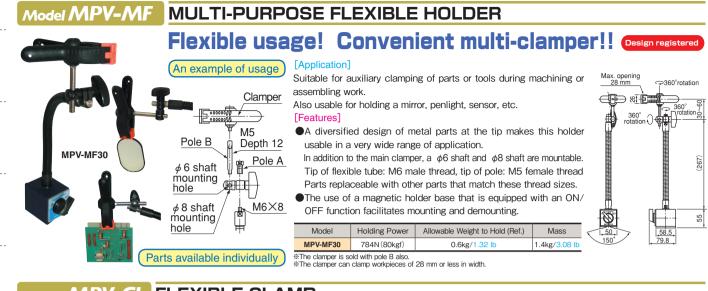
HOLDING TOOLS



Model MPV-CL FLEXIBLE CLAMP



VACUUM

ELECTROMAGNETIC CHUCKS

CHUCK

MAGNETIC CHUCKS

ELECTROMAGNETIC CHUCKS PERMANENT

PERMANENT

SINE BAR

BLOCKS, HOLDERS, MINI CHUCKS

MPV-F50A

Suitable for holding parts during assembly.

Suitable for wiring as it can clamp electric cables.

[Features]

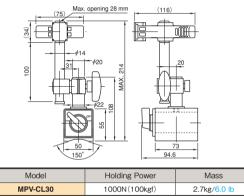
[Application]

Parts available individually

The employment of a powerful ON/OFF selectable magnetic holder facilitates mounting on an iron work table and work table of machine tools.

Suitable for soldering of circuit boards of electric parts.

- The clamp part is equipped with a tough plastic clamper and can be tilted freely.
- The clamper opens 28 mm maximum and can be moved up and down in a range of about 90 mm.



*The holding power is based on a test piece of SS400, 10 mm thick, ground surface.

Model MPV-F FLEXIBLE VICE

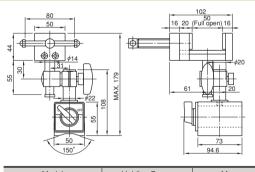


Parts available individually

[Application]

Suitable for temporarily holding workpieces during assembly. Also suitable for such jobs as hand filing and drilling and tapping of nonmagnetic materials. [Features]

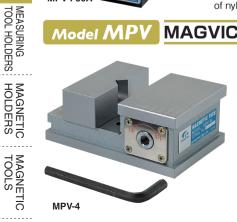
- The employment of a powerful ON/OFF selectable magnetic holder facilitates mounting on an iron work table and work table of machine tools.
- The vice can be tilted freely to secure workpieces according to their shapes and machining directions.
- The plates on the workpiece clamping parts are made of nylon to hold non-flat workpieces strongly.



Mode Holding Power Mass MPV-F50A 1000N (100kgf) 2.7kg/6

*The holding power is based on a test piece of SS400, 10 mm thick, ground surface.

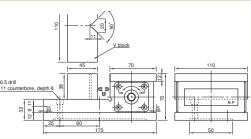
Model MPV MAGVICE*



[Application]

Suitable for securing irregularly shaped workpieces or tapered workpieces and for machining end faces of round bars and flat workpieces. [Features]

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



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 ϕ 30 \times 130 mm thanks to the powerful built-in permanent magnet. Thus, the MAGVICE works well in grinding operations also. Mass: 7.3 kg/ 16.01 lb