

SAV 242.01

PERMANENT MAGNETIC CLAMPING BLOCKS

With fine and extra-fine pole pitch



APPLICATION

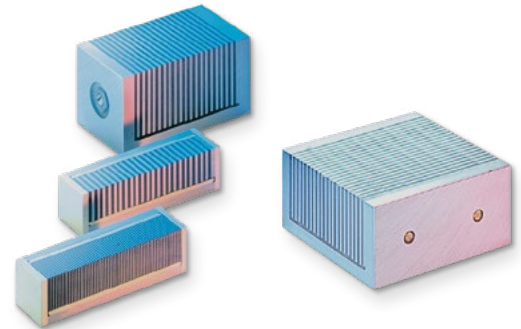
For profiling and machining small workpieces, e.g. dies. For chucking thin parts, we recommend chuck MH 204 with extra-fine pole pitch.

DESIGN

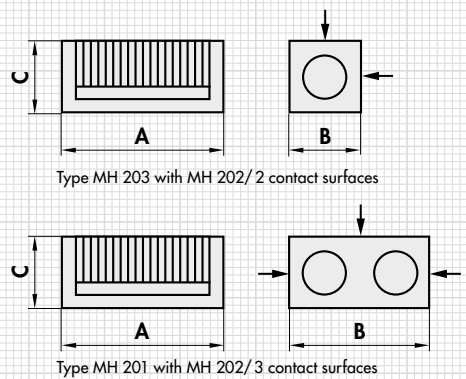
Two or three magnetic chucking areas, pole pitch 4 mm, for MH 204 pole pitch 1.3 mm. Chuck blocks MH 201S to MH 203S made of SmCo₅ magnets with extremely high holding force for materials which are difficult to chuck.

TECHNICAL DATA

- Rated holding force:
80 N/cm² for MH 201 to MH 204
180 N/cm² for MH 201S to MH 203S
- Magnetic field height: 6 mm
- Wear layer of the pole plate:
14 mm for MH 201 and MH 202
6 mm for MH 203 and MH 204



Type	mm			max. Angle deviation	Qty. Contact surfaces	kg Weight
	A	B	C			
MH 201 MH 201S	100	100	50	5'	1 area 100 x 100 2 areas 100 x 50	3.6
MH 202 MH 202S	100	50	50	5'	3 areas 100 x 50	1.7
MH 203 MH 203S	100	25	25	5'	2 areas 100 x 25	0.5
MH 204	100	25	25	5'	2 areas 100 x 25	0.5



ORDERING EXAMPLE

Designation SAV no. - type
Permanent magnetic clamping block SAV 242.01 - MH 201

SAV 242.02

PERMANENT MAGNETIC CLAMPING BLOCKS

With three magnetic chucking areas



APPLICATION

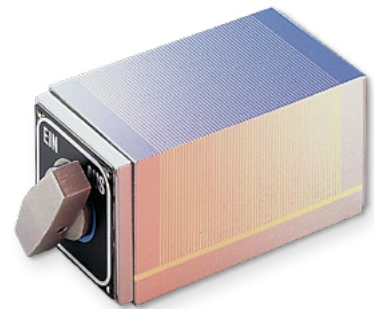
For angled and parallel grinding of small and medium workpieces. Suitable as an add-on block for the base magnet on the machine.

DESIGN

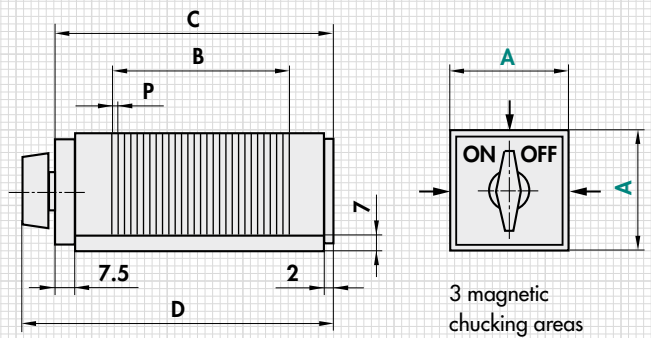
Switched on and off with a rotary knob.
3 magnetic contact surfaces.

TECHNICAL DATA

- Rated holding force: 60 N/cm²
- Magnetic field height: 2 mm
- Pole divisions: 0.5 mm brass/1.0 mm steel



A	B	C	D	P	kg Weight
55	90.5	125.5	146	0.5 +1	2.8
70	90.5	125.5	151	0.5 +1	4.0



ORDERING EXAMPLE

Designation SAV no. - A
Permanent magnetic clamping block SAV 242.02 - 55