



WORKHOLDING AND AUTOMATION

## Permanent Magnetic Switchable Block

SAV 242.11

With 4 magnetic clamping surfaces, also in stainless execution

### Use:

Angular and parallel grinding of small and medium-sized workpieces.

### Features:

Robust construction with good holding force.  
Laminations 2 mm brass / 2 mm steel.

Nominal holding force: 50 N/cm<sup>2</sup>

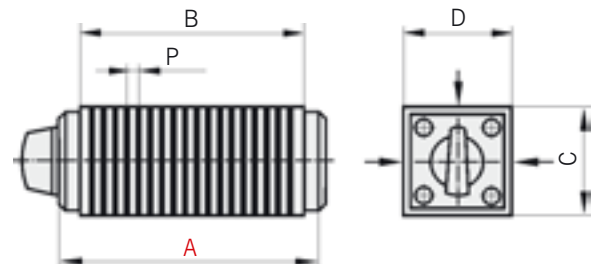
Magnetic field height: 2 mm

Pole plate wearing limit: 4 mm

Can be supplied with stainless, high-alloyed chrome steel pole plates (RF). Best suited for use on wire erosion machines.



| Dimensions in mm |     |    |    |       | Weight in kg |
|------------------|-----|----|----|-------|--------------|
| A                | B   | C  | D  | P     |              |
| 140              | 115 | 64 | 64 | 2 + 2 | 3.1          |
| 160              | 135 | 64 | 64 | 2 + 2 | 4.0          |



Ordering example: Permanent Magnetic Switchable Block SAV 242.11 - 140 - RF  
Ordering key: Name SAV - No. - A - Execution

## Neodymium Magnetic Block

SAV 242.12

With neodymium-iron-boron magnets, extremely high holding force

### Use:

For workpieces that are particularly difficult to clamp, such as ferrotic and hard metals containing cobalt (carbides), as well as very small workpieces.

### Features:

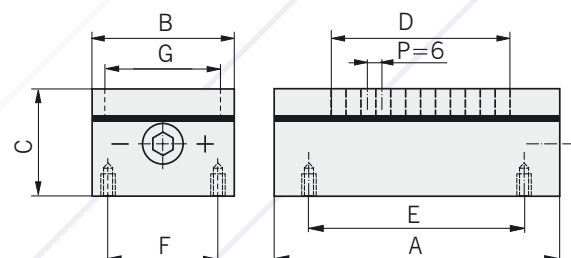
- high pole plate stability  $\pm 0.002$  mm
- for difficult and small workpieces with complex eroding outline
- bigger sizes available on request
- housing and grid of pole plate: stainless steel
- magnetic active area: St 37/ brass
- adapter plate for reference system possible
- on request including Positioning Template on the clamping surface for quick and accurate workpiece positioning
- on request the pole plate can be executed with an end-stop (2 - Ø)

Nominal holding force: 140 N/cm<sup>2</sup>

Magnetic field height: approx. 10 mm

Pole plate wearing limit: 3 mm

| Size   | Dimensions in mm |    |    |     |       |    |    | Weight in kg |
|--------|------------------|----|----|-----|-------|----|----|--------------|
|        | A                | B  | C  | D   | E     | F  | G  |              |
| ND 100 | 140              | 70 | 51 | 102 | 128.0 | 35 | 62 | 3.0          |
| ND 200 | 200              | 70 | 51 | 157 | 172.5 | 36 | 62 | 4.2          |



Ordering example: Neodymium Magnetic Block SAV 242.12 - ND 200  
Ordering key: Name SAV - No. - Size