

**SAV 242.05**  
**SAV 242.12**

**NEODYMIUM MAGNETIC BLOCKS**

With P = 6 mm transverse pole pitch, neodymium iron boron magnets, extremely high holding force



**APPLICATION**

For workpieces which are difficult to chuck, e.g. **Ferro-Tic**, **tungsten carbide** with cobalt content, very **small workpieces**. For fast and easy chucking – also for workpieces with complicated EDM contours or workpieces which are difficult to chuck.

**DESIGN**

Extremely high holding force using a specially developed process. Sturdy solid steel body. ON/OFF control on the face side. Larger versions also available with force-actuated control mechanism on request. Pole divisions made of 4 mm steel and 2 mm brass with NdFeB magnets in the pole gap.

**AS STAINLESS VERSION**

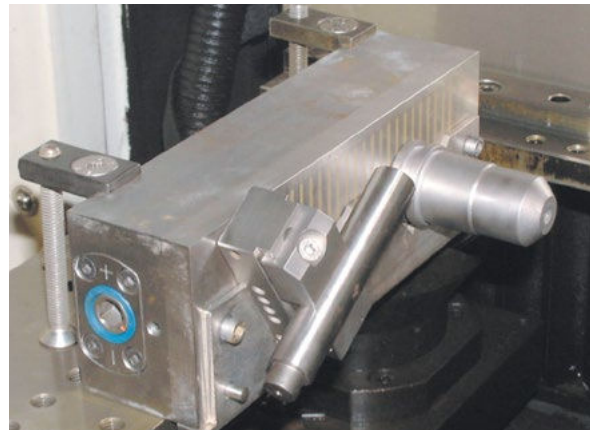
**SAV 242.12**

High holding force due to specially developed process. Sturdy solid steel body. ON/OFF control on the face side. Precision-ground version.

Housing, ON-switch and pole grid stainless, poles made of steel.

**TECHNICAL DATA**

- Rated holding force on inducible steel surface: 180 N/cm<sup>2</sup>
- Rated holding force: 120 N/cm<sup>2</sup>
- Magnetic field height: approx. 4 mm
- Wear layer of the pole plate: 3 mm
- Available with adaptation for zero-point workholding system



Type	A	B	C <sup>+0.5/-2</sup>	D	E	F	G	H	Weight
ND 100	140	70	51	102	118	35	62	12	3.0
ND 200	200	70	51	157	178	36	62	12	4.2

4 x M 6/9 deep

1 magnetic chucking area

**ORDERING EXAMPLE**

Designation: SAV no. - type  
Neodymium magnetic block: SAV 242.05 - ND 100

**ORDERING EXAMPLE**

Designation: SAV no. - type  
Neodymium magnetic block, stainless: SAV 242.12 - ND 100