Neodymium Magnetic Switchable Block SAV 242.05

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:**
Extremely high holding force due to a specially developed construction. Stable all-steel body.
ON-OFF control on end face.
Larger models - with optional power-operated switching mechanism - available on request. Laminations 4 mm steel and 2 mm brass with NdFeB magnets in the pole gaps.
For wire EDM use type 242.12 (stainless steel).

Nominal holding force: 180 N/cm²
Magnetic field height: ca. 10 mm
Pole plate wearing limit: 3 mm

Available with adaption for Zero-Reference-System

Clamping of multiple parts possible

stability of pole plate ± 0.002 mm

see also SAV 242.12, chapter 8 for EDM

### Dimensions in mm

<table>
<thead>
<tr>
<th>Type</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
<th>H</th>
<th>Weight in kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>ND 100</td>
<td>140</td>
<td>70</td>
<td>51.0</td>
<td>102</td>
<td>118</td>
<td>35</td>
<td>62</td>
<td>12</td>
<td>3.0</td>
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<tr>
<td>ND 200</td>
<td>200</td>
<td>70</td>
<td>51.0</td>
<td>157</td>
<td>178</td>
<td>36</td>
<td>62</td>
<td>12</td>
<td>4.2</td>
</tr>
</tbody>
</table>

Ordering example: Neodymium Magnetic Switchable Block SAV 242.05 - ND 100
Ordering key: Name