Neodymium Magnetic Block

SAV 242.12

With extreme high holding force

Material:
Steel base with St 37 / Brass pole plate

Technical Specifications:
- High pole plate stability ± 0.002 mm
- For difficult and small workpieces with complex eroding outline
- Bigger sizes available on request
- Holding force: 140 N/cm²
- Magnetic field height: approx. 10 mm
- Pole plate wearing limit: 3 mm
- Magnetic Block with (A) or without (N) adapter plate for Reference system*
- On request including Positioning Template (JS) on the clamping surface for quick and accurate workpiece positioning
- Suitable for connecting Precision Sine Guidance (S)
- Mounting of Positioning Template and Precision Sine Guidance using positioning pins with a repeatability of ± 0.003 mm
- On request the pole plate can be executed with a Z - 0 end stop (Z)
- Clamping of more than 1 workpiece is possible

Positioning pin

Clamping surface

Stability of pole plate ± 0.002 mm

Positioning template

Workpiece

Execution:
Neodymium Magnetic Block SAV 242.12-ND 200-JS

Execution:
Neodymium Magnetic Block SAV 242.12-ND 100-JS

Execution:
Neodymium Magnetic Block SAV 242.12-ND 100-Z

* Please specify reference system and robot adaptation; we can advice!

<table>
<thead>
<tr>
<th>System</th>
<th>Dimensions (mm)</th>
<th>Weight (kg)</th>
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<tbody>
<tr>
<td>ND 100</td>
<td>A 140 B 70 C 51 D 102 E 118 F 35 G 62</td>
<td>3.4</td>
</tr>
<tr>
<td>ND 200</td>
<td>A 200 B 70 C 51 D 157 E 178 F 36 G 62</td>
<td>4.2</td>
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</tbody>
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Ordering example: Neodymium Magnetic Block SAV 242.12 - ND - 200 - A - JS - Z

Ordering key: Name SAV - No. - ND - Size - A - JS - Z