**Precision sine table with enhanced holding force**  
**SAV 245.07**

**Swivel on longitudinal axis**

**Design**

Swivel over middle axis. Sine table base plate and other parts made from tool steel. Hardened to HRC 60, black finished and precision ground. Highest accuracy at extreme flat construction. Standard execution with permanent magnetic chuck SAV 243.11.

Delivery with attached sine bar (SL) for angle setting in pole plate plane possible against price adder (SAV 487.40).

Delivery in wooden storage case up to dimension 350 x 150 mm.

With sine table in of degrees / minutes in mm, precision long side stop and transverse side stop.

- Angle precision: ± 5 sec.
- Planar parallelism: ± 0.005 / 100 mm
- End gauge in 0°: 3 mm
- Angle range: 0° to 45°
- Nom. holding force: 150 N/cm²
- Pole pitch: 15 mm
- Pole plate wearing limit: 5 mm

**Application**

Setting of angles according the sine principle, using an end-gauge.

Fixation is achieved by side mounted pincers and by tightening the upper bearing clamps.

<table>
<thead>
<tr>
<th>Dimensions in mm</th>
<th>Weight in kg</th>
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</thead>
<tbody>
<tr>
<td>250</td>
<td>150 290 165 84 135 20.5</td>
</tr>
<tr>
<td>300</td>
<td>150 340 165 84 135 27.0</td>
</tr>
<tr>
<td>350</td>
<td>150 390 165 84 135 36.0</td>
</tr>
<tr>
<td>400</td>
<td>200 440 215 84 185 52.0</td>
</tr>
</tbody>
</table>

Other dimensions and executions on request. Also available with electro-magnet or other magnetic systems. All standard sizes of permanent magnetic chuck SAV 243.11 (chapter 1) are available as sine table.

**Ordering example:** High precision sine table SAV 245.07 - 400

**Ordering key:** Name SAV No. - A