**Precision Sine Table**

**SAV 245.02**

Swivel on longitudinal and transverse axis, with fine pole chuck

**Design:**
Swivel on the longitudinal and transverse axis. The base plate of the sine table is made of hardened steel (HRC 60), black-finished and precision ground. High accuracy due to extreme flat type construction. Standard execution with permanent magnetic chuck. The sine tables are supplied in wooden storage cases with 2 sine charts degrees / minutes in mm, precision long side stop and short side stop.

**Angle precision:** ± 5 sec.
**Planar parallelism:** ± 0.005 / 100 mm
**Shimming measure at 0°:** 3 mm
**Angle range longitudinal axis:** 0° to 45°
**Angle range transversal axis:** 0° to 30°
**Nominal holding force:** 80 N/cm²
**Pole pitch:** 1.9 mm
**Magnetic field height:** 6 mm
**Pole plate wearing limit:** 8 mm

**Application:**
The angle is set 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>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E°</th>
<th>F</th>
<th>Weight in kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>175</td>
<td>100</td>
<td>210</td>
<td>140</td>
<td>108</td>
<td>160 / 115</td>
<td>15.0</td>
<td></td>
</tr>
<tr>
<td>255</td>
<td>130</td>
<td>290</td>
<td>170</td>
<td>119</td>
<td>240 / 145</td>
<td>32.0</td>
<td></td>
</tr>
<tr>
<td>300</td>
<td>150</td>
<td>335</td>
<td>190</td>
<td>121</td>
<td>285 / 160</td>
<td>43.5</td>
<td></td>
</tr>
<tr>
<td>350</td>
<td>150</td>
<td>385</td>
<td>190</td>
<td>121</td>
<td>335 / 160</td>
<td>49.5</td>
<td></td>
</tr>
<tr>
<td>400</td>
<td>200</td>
<td>435</td>
<td>240</td>
<td>117</td>
<td>385 / 210</td>
<td>73.0</td>
<td></td>
</tr>
</tbody>
</table>

Execution with flushing holes available against price adder.

Other dimensions and executions – also with electro magnetic or other magnetic system – and all sizes of permanent magnetic chucks SAV 243.01 are available as sine table.