Serrated Locking Plates

Plastic

EN 189

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**Metric table**

<table>
<thead>
<tr>
<th>d₁</th>
<th>z</th>
<th>d₂</th>
<th>d₃</th>
<th>d₄</th>
<th>d₅</th>
<th>d₆</th>
<th>d₇</th>
<th>h₁</th>
<th>h₂</th>
<th>h₃</th>
<th>h₄ (2 x h₂)</th>
<th>m</th>
<th>A/F</th>
<th>w min. Stroke</th>
</tr>
</thead>
<tbody>
<tr>
<td>32</td>
<td>60</td>
<td>23.5</td>
<td>6.3</td>
<td>5</td>
<td>4</td>
<td>5</td>
<td>35.5</td>
<td>9.5</td>
<td>9</td>
<td>8.2</td>
<td>18.09</td>
<td>18</td>
<td>0.71</td>
<td>1.2</td>
</tr>
<tr>
<td>40</td>
<td>60</td>
<td>30</td>
<td>8.3</td>
<td>6</td>
<td>5</td>
<td>5</td>
<td>43.5</td>
<td>12</td>
<td>11.4</td>
<td>10.5</td>
<td>22.81</td>
<td>23</td>
<td>0.91</td>
<td>1.3</td>
</tr>
</tbody>
</table>

**Dimensions in: millimeters - inches**

<table>
<thead>
<tr>
<th>z</th>
<th>Tooth count</th>
<th>Angle steps</th>
<th>Possible angles / index positions</th>
</tr>
</thead>
<tbody>
<tr>
<td>60</td>
<td>6°</td>
<td></td>
<td>0° 6° 12° 18° 24° 30° 60° 90°</td>
</tr>
</tbody>
</table>

**Specification**

- **Plate**
  Plastic
  Technopolymer (Polyamide PA-HP)
  - Glass fiber reinforced
  - Temperature resistant up to 176 °F (80 °C)
  - Black, matte finish
- **Hex nut inserts (Type D / DC)**
  Stainless steel AISI 304
- **Plastic Characteristics → page 2135**
- **RoHS compliant**

**Information**

With GN 189 serrated locking plates, components can be adjusted and locked form-fit at a defined angle.

The tooth count of 60 enables the adjustment in 6° steps, resulting in the indexing positions listed in the separate table.

The range of designs makes these plates adaptable for almost any application in this particular field. Thrust springs GN 187.2 can be placed between the locking plates during installation, allowing a clean separation upon removal.

**see also...**

- Serrated Locking Plates GN 187.4 (Steel / Stainless Steel) → page 1160

**Accessory**

- Conical thrust springs GN 187.2 → page 1163

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[How to order]

1. Outer diameter d₁
2. Tooth count z
3. Type