### Plastic Screw Gears (spiral gear)

#### Specifications
- **Material:** JIS grade N9 (JIS B1711-1:1994)
- **Gear Teeth:** Standard full depth
- **Stress Reference Angle:** 20°
- **Backlash Reference:** 40°

#### Catalog Number

<table>
<thead>
<tr>
<th>Module</th>
<th>No. of Teeth</th>
<th>Diameter of Addendum</th>
<th>Finger Dia.</th>
<th>Spiral Dia.</th>
</tr>
</thead>
<tbody>
<tr>
<td>PN1-13R</td>
<td>13 R L</td>
<td>8</td>
<td>28.28</td>
<td>30.28</td>
</tr>
<tr>
<td>PN1-13L</td>
<td>13 R L</td>
<td>10</td>
<td>21.21</td>
<td>21.21</td>
</tr>
</tbody>
</table>

#### Allowable Torque (Nm)

<table>
<thead>
<tr>
<th>Catalog Number</th>
<th>Allowable Torque (Nm)</th>
<th>Allowable Torque (kgf·m)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PN1-13R</td>
<td>0.019</td>
<td>0.20—0.34</td>
</tr>
<tr>
<td>PN1-13L</td>
<td>0.029</td>
<td>0.068</td>
</tr>
</tbody>
</table>

### Other Products

- **Products:**
  - Gears
  - Spur Gears
  - Helical Gears
  - Internal Gears
  - Racks
  - Bevel Gears
  - Worm Gears

### Caution on Secondary Operations

- Please read "Cautions on Performing Secondary Operations" (Page 343) when performing modifications and/or secondary operations for safety concerns. KHK Quick-Mod Gears, the KHK system for quick modification of KHK stock gears, is also available.
- Avoid performing secondary operations that narrow the tooth width, as it affects precision and strength.
- Plastic gears are susceptible to the effects of temperature and moisture. Dimensional changes may occur while performing secondary operations and during post-machining operations.

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*In regard to MC Nylon gears, other materials are available for plastic gears, including Ultra High Molecular Weight Polyethylene (U-PE), which has excellent abrasion resistance and resin conforming to the Plastic Implementation Measure (PIM). A single piece order is acceptable and will be produced as a custom-made gear.

Please see Page 16 for more details on quotations and orders.