CARBIDE BLADES for BEVEL GEARS

Mitsubishi Carbide Blades features precision, quality, and durability by adopting cemented carbide technology and top-tier manufacturing process.

Features

- Excellent wear resistance and fracture resistance
  TF15 grade has exceptional advantages of high strength and toughness with optimizing high fracture resistance and strong edge sharpness.

- Proprietary grinding technology
  Our grinding technology enables you to machine a high precision cutting edge with grinded faces.

- Effective high speed gear cutting
  A uniform carbide particle and binder structure enables perfect cutting edges to be formed in high speed gear cutting due to toughness and heat resistance.

<table>
<thead>
<tr>
<th>Grade</th>
<th>Grain size (μm)</th>
<th>Cobalt content (mass%)</th>
<th>Hardness (HV)</th>
<th>Hardness (HRA)</th>
<th>TRS (GPa)</th>
</tr>
</thead>
<tbody>
<tr>
<td>TF15</td>
<td>&lt;0.9</td>
<td>10</td>
<td>1550</td>
<td>91.0</td>
<td>4.0</td>
</tr>
</tbody>
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