Major advantages

- The large centre hole embraces the workpiece deeply to minimize run-out during machining and the backup wall reduces the deformation of the workpiece to help machining with high roundness and high cylindricity.
- This chuck is ideal for machining workpieces such as differential cases and flanged shafts.
- A large opening for discharging chips is provided in the backup wall to prevent troubles caused by accumulated chips.
Application examples

Differential case machining

Flanged shaft machining

Optional air and/or water injection circuits can be added for up to 2 systems. The left figure shows an example of adding air seating confirmation and coolant.

Specifications

<table>
<thead>
<tr>
<th>Type</th>
<th>Gripping diameter (in diameter)</th>
<th>Jaw stroke stroke</th>
<th>Plunger stroke</th>
<th>Max. permissible input force</th>
<th>Max. static gripping force</th>
<th>Max. permissible speed</th>
<th>Mass</th>
<th>Moment of inertia</th>
<th>Matching cylinder</th>
</tr>
</thead>
<tbody>
<tr>
<td>PUD12</td>
<td>192mm 150mm</td>
<td>5mm 10mm</td>
<td>24kN</td>
<td>60kN</td>
<td>3300min⁻¹</td>
<td>50kg</td>
<td>0.67kg-m²</td>
<td>Y1225R</td>
<td></td>
</tr>
</tbody>
</table>

Dimensions

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