Company: 
Customer #: 
Address: 

Contact: 
Department: 

Phone: 
Fax: 
E-Mail: 

Workpiece sketch: 

Fax to Tri-State at 1-513-347-3728 

Special tool quote request: Step drill 

Tool: Step drill

<table>
<thead>
<tr>
<th>Dimension</th>
<th>Tolerance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ø D1</td>
<td></td>
</tr>
<tr>
<td>Ø D2</td>
<td></td>
</tr>
<tr>
<td>Ø D3</td>
<td></td>
</tr>
<tr>
<td>Shank- D4</td>
<td></td>
</tr>
<tr>
<td>L1</td>
<td></td>
</tr>
<tr>
<td>L2</td>
<td></td>
</tr>
<tr>
<td>L3</td>
<td></td>
</tr>
<tr>
<td>L4</td>
<td></td>
</tr>
<tr>
<td>Shank length L5</td>
<td></td>
</tr>
<tr>
<td>Point angle V</td>
<td></td>
</tr>
<tr>
<td>Chamfer angle V1</td>
<td></td>
</tr>
<tr>
<td>Chamfer angle V2</td>
<td></td>
</tr>
</tbody>
</table>

Number of cutting edges z

Tools required pieces

Workpiece pieces / year

Work material to be machined:

- Structural steel, good machining qualities
- Tool steel
- Stainless steels
- Hardened steel
- Malleable iron
- Spheroidal cast iron
- Non-ferrous metals (brittle)
- Non-ferrous metals (ductile)
- Other

Material description

Straight shank

DIN 6535

Machine info

Machine type

Spindle type / size

Spindle output (kW)

Cutting speed $v_C$ (m/min)

Number of cutting edges $z$

Straight toothed

R.H. spiraled, spiral angle $\lambda$

L.H. spiraled, spiral angle $\lambda$

Cutting direction

Coating

Internal coolant supply

Yes

No

Hardness (HRc, HB, HV, ...)

Strength Rm (N/mm²)