AC Cut VL 900

Open the door to productivity
AC Cut VL 900

The first step towards achieving increased productivity at a lower cost

**Comparative test**

Part production (per machine per year)

- AC Brass 900 Ø 0.25 mm: 1219 parts
- AC Cut VL 900 Ø 0.25 mm: 1396 parts
  - +15%

Cost including wire (per part)

- AC Brass 900 Ø 0.25 mm: €47.30
- AC Cut VL 900 Ø 0.25 mm: €41.30
  - -13%

**Test conditions and protocol**

- Part material: Steel 1.2379 / X153CrMoV12
- Part height: 50 mm
- Part geometry: M punch (see picture)
- Part roughness: Ra 0.24 µm
- Flushing conditions: Minimum gap
- Machines: CUT C / E / P series

**Cost calculation assumptions**

- Total fixed costs per machine hour: 30 €
- Machine usage: 8 hours/day, 5 days/week, 48 weeks/year

**Available items**

<table>
<thead>
<tr>
<th>Ø in mm</th>
<th>Ø 0.20</th>
<th>Ø 0.25</th>
<th>Ø 0.30</th>
<th>package</th>
</tr>
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<tbody>
<tr>
<td>160</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>2 spools</td>
</tr>
<tr>
<td>200</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>1 spool</td>
</tr>
<tr>
<td>250</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>1 spool</td>
</tr>
<tr>
<td>5</td>
<td>●</td>
<td>●</td>
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<td>2 spools</td>
</tr>
<tr>
<td>10</td>
<td>●</td>
<td>●</td>
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</tr>
<tr>
<td>15</td>
<td>●</td>
<td>●</td>
<td>●</td>
<td>1 spool</td>
</tr>
</tbody>
</table>

**Specifications**

- Coating: γ special alloy diffused
- Conductivity: 23% IACS
- Elongation: >1%
- Tensile strength: 900 N/mm²
- Material: Brass CuZn37