Latest turning toolholders with easy insert clamping system
Enables easy and quick insert exchange

New tool holders for VNMG1204**E insert

- Machine type
  - For Swiss machines
- Features
  - Lever lock clamping (to be clamped from the back)
  - Without offset
  - Square shanks in sizes: 12X12 and 16X16
  - Insert: VNMG1204**E

- Machine type
  - For general CNC lathes
- Features
  - Standard Lever lock clamping
  - With offset
  - Square shanks in sizes: 16X16, 20X20, and 25X25
  - Insert: VNMG1204**E

Latest grades offer excellent cutting performance in a wide variety of applications

<table>
<thead>
<tr>
<th>Material</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>P</td>
<td>T9215</td>
</tr>
<tr>
<td>P</td>
<td>T9225</td>
</tr>
<tr>
<td>P</td>
<td>AT9530/6T9530/NS9530</td>
</tr>
<tr>
<td>M</td>
<td>AH630/AH645</td>
</tr>
<tr>
<td>M</td>
<td>T6120/T6130</td>
</tr>
</tbody>
</table>

- CVD coating
- Coated and uncoated cermets
- PVD coating
- CVD coating

Chipbreaker

- TF / TSF / TM
- TF / TSF
- TSF
- SS / SM
- SS / SM

Cutting performance

- Insert: VNMG120404E-TSF T9215
- Workpiece material: S45C / C45
- Cutting speed: Vc = 150 m/min
- Feed: f = 0.1 mm/rev
- Depth of cut: ap = 0.5 mm
- Coolant: Wet

2 times tool life!
PVJNR/L-Eco

Lever-lock toolholder with 93° approach angle, for negative 35° rhombic inserts

Designation | H | B | LF | LH | HF | WF | RE** | Insert | Torque*
--- | --- | --- | --- | --- | --- | --- | --- | --- | ---
PVJNR/L1616H1204 | 16 | 16 | 100 | 35 | 16 | 20 | 0.8 | VN**1204... | 2
PVJNR/L2020K1204 | 20 | 20 | 125 | 35 | 20 | 25 | 0.8 | VN**1204... | 2
PVJNR/L2525M1204 | 25 | 25 | 150 | 35 | 25 | 32 | 0.8 | VN**1204... | 2

*Torque: Recommended torque (N∙m) for clamping
**RE: The holder measurements are true with this insert radius

SPARE PARTS

<table>
<thead>
<tr>
<th>Designation</th>
<th>Shim</th>
<th>Clamping screw</th>
<th>Wrench</th>
<th>Spring pin</th>
<th>Lever</th>
</tr>
</thead>
<tbody>
<tr>
<td>PVJNR/L**1204</td>
<td>LSV212</td>
<td>LCS3V</td>
<td>P-2.5</td>
<td>LSP3</td>
<td>LCL3V</td>
</tr>
</tbody>
</table>

JPVJ2NR/L-Eco

Back-clamp toolholder with 93° approach angle, for negative 35° rhombic inserts

Designation | H | B | LF | LH | HF | WF | RE** | Insert | Torque*
--- | --- | --- | --- | --- | --- | --- | --- | --- | ---
JPVJ2NR/L1212X1204 | 12 | 12 | 120 | 23 | 12 | 0 | 0.2 | VN**1204... | 0.9
JPVJ2NR/L1616X1204 | 16 | 16 | 120 | 23 | 16 | 0 | 0.2 | VN**1204... | 0.9

*Torque: Recommended torque (N∙m) for clamping
**RE: The holder measurements are true with this insert radius

SPARE PARTS

<table>
<thead>
<tr>
<th>Designation</th>
<th>Lever</th>
<th>Pin</th>
<th>Clamping screw</th>
<th>Wrench</th>
</tr>
</thead>
<tbody>
<tr>
<td>JPVJ2NR/L**1204</td>
<td>SLLV-4</td>
<td>SL-PI-2</td>
<td>SR10400611</td>
<td>HW2.0/5RED</td>
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</tbody>
</table>
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