STAR MICRONICS SR-10J.

TOOL HOLDERS
PCM WILLEN SA

For over 40 years, PCM Willen SA is one of the world’s leading manufacturers of special tool holders for automatic lathes. All our products are developed and manufactured in Switzerland and bear the label «Swiss Made», which is synonymous with precision, quality and reliability.

Our company is located in the middle of French-speaking part of Switzerland at the edge of Lake Geneva near Montreux. Our international dealer network ensures continued after sales support. We offer training courses, which we tailor to individual customer requirements.

PCM stays for innovation and progress. Our superbly qualified engineering staff ensures finest quality of manufacturing solutions and keeps our customers ahead of the competition. In close cooperation with machine builders and end users, we stay on the way to satisfied customers. We will keep this track in the future.

The best quality toolholders can only provide optimum performance if they are maintained or repaired with first class replacement parts. PCM experts emphasize professional after sale support for all PCM equipment.
YOUR CHOICE N°1 IN TOOLING SYSTEMS

- Long service life
- Very gentle transmission even at high speed operation
- 100% tested
- Customised tool available

Advantages:

- High performance seal for an hermetic tool holder
- High precision preloaded spindle ball bearings class P4S
- Low backlash and high transmission accuracy
- Different clamping systems in high precise concentricity
- Case-hardened and grinded spindle
- High flexible coolant system (Hirt Line)
- Different ratios available
- Available with coolant through the spindle
- Case-hardened and paired bevel gears system

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STAR MICRONICS SR-10J

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Rotation: CW Clockwise  CCW Counterclockwise
Cooling: INT Interior  EXT Exterior  Without

Visit us online: www.pcm.ch
**SR10J-GSC-E11S**

- **ER11**
- **1:1.666**
- **RPM max.** 13'328

### Machines Types

- **SR10J**

### Note:

Original main block is to replace by this tool. To adjust the offset please contact your local Star Micronics dealer. Tool N°3100 are losted. Tool N°3200 in ER11 with RPM 13’328. Tool N°3300 is a modular quick change for different operation.

**SR10J-GSC-E11AZ**

- **ER11**
- **1:1.666**
- **RPM max.** 13’328

### Machines Types

- **SR10J**

### Note:

Original main block is to replace by this tool. To adjust the offset please contact your local Star Micronics dealer. Tool N°3100 are losted. Tool N°3200 in ER11 with RPM 13’328. Tool N°3300 is a modular quick change for different operation. Same construction as the SR10J-GSC-E11S but: The fixed spindle ER11 with RPM 13’328 are 8.7mm setback. The main block are 10mm longer.
STAR MICRONICS SR-10J
Cross drill/mill tools

SR10J-GSC-E08

- 8
- 1:1
- RPM max. 8'000
- Machines Types SR10J
- Note :

SR10J-GSC-E11-2X

- 2xER08
- 1:1
- RPM max. 8'000
- Machines Types SR10J
- Note :
  Offset second spindle : 4mm / 16.5mm
**SR10J-GSC-E11-2X-DEC**

- Tools: 2xER08
- Ratio: 1:1
- RPM max.: 8’000
- Machines Types: SR10J

**Note:**
Offset seconde spindle: 0mm / 22mm

**E20-GSE-110**

- Tools: ER16
- Ratio: 1:1
- RPM max.: 8’000
- Machines Types:
  - ECAS-12
  - ECAS-20
  - SB-12
  - SB-20B
  - SR10J
  - SR-20J
  - SR-20JN
  - SR-20RIII
  - SR-20RII
  - SR-20RIIV
  - SR-32J
  - SR-32JN
  - SW-12RII

**Note:**
### SR10J-GSF-080-II

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<tr>
<th>Parameter</th>
<th>Value</th>
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<td>8</td>
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<td>Reduction Ratio</td>
<td>1:1</td>
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<tr>
<td>RPM max.</td>
<td>8’000</td>
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<td>Machines Types</td>
<td>SR10J</td>
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### SR10J-GSF-100-II

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<td>Reduction Ratio</td>
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<td>8’000</td>
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<td>Machines Types</td>
<td>SR10J</td>
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</table>
STAR MICRONICS SR-10J
Hobbing tools

SR10J-GSH-035-II

- \textbf{Pitch} \hspace{1cm} 3.5
- \textbf{V/F} \hspace{1cm} 1:1
- RPM \textbf{max.} \hspace{1cm} 8'000

\textbf{Machines Types} \hspace{1cm} SR10J

\textbf{Note :}

\begin{itemize}
  \item CW
\end{itemize}

SR10J-GSH-050-II

- \textbf{Pitch} \hspace{1cm} 5
- \textbf{V/F} \hspace{1cm} 1:1
- RPM \textbf{max.} \hspace{1cm} 8'000

\textbf{Machines Types} \hspace{1cm} SR10J

\textbf{Note :}

\begin{itemize}
  \item CW
\end{itemize}
### STAR MICRONICS SR-10J

**Whirling tools**

<table>
<thead>
<tr>
<th><strong>SR10J-GSW-010</strong></th>
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<tr>
<td><strong>-</strong></td>
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<tr>
<td><strong>( \Phi \times \Phi )</strong></td>
</tr>
<tr>
<td><strong>RPM max.</strong></td>
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<tr>
<td><strong>Machines Types</strong></td>
</tr>
</tbody>
</table>
| **Note:** | Adjustable ±10°
Special cutter head from PCM Willen SA, Z=5, Ø6 mm |

Adjustable ±10°
Special cutter head from PCM Willen SA, Z=5, Ø6 mm