TOOL HOLDERS
STAR MICRONICS SR-32.
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

High performance seal for an hermetic tool holder

High precision preloaded spindle ball bearings class P4S

Low backlash and high transmission accuracy

Case-hardened and grinded spindle

Different clamping systems in high precise concentricity

Available with coolant through the spindle

Case-hardened and paired bevel gears system

Different ratios available

High flexible coolant system (Hirt Line)

Long service life

Very gentle transmission even at high speed operation

100% tested

Customised tool available

PCM Willen SA · Route du Grammont 101 · 1844 Villeneuve · Switzerland
Tél. +41 21 967 33 66 · Fax +41 21 960 38 95 · office@pcm.ch

Visit us online: www.pcm.ch
Table of Contents

STAR MICRONICS SR-32

Face drill/mill tools  5
Cross drill/mill tools  6
Hobbing tools  7
Whirling tools  8

Rotation:  \textit{cw} Clockwise  \textit{ccw} Counterclockwise
Cooling:  \textit{int} Interior \textit{ext} Exterior \textit{w} Without

Visit us online: www.pcm.ch
SR32J-GSE-3710

- **3xER16+3xER11**
- **1:1**
- **RPM max.** 8'000
- **Machines Types** SR-32J, SR-32JN

**Note:**

SR20J-RSC-007

- **ER11**
- **1:1**
- **RPM max.** 8'000

**Note:**
STAR MICRONICS SR-32
Cross drill/mill tools

E20-GSC-110

- ER16
- 1:1
- RPM max. 8'000

Machines Types
- ECAS-12
- ECAS-20
- SR-20J
- SR-20JN
- SR-20RIII
- SR-20RII
- SR-20RIV
- SR-32J
- SR-32JN
- SV-12
- SV-20
- SV-32
- SV-32JI
- SW-20

Note:

E20-GSE-110

- ER16
- 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-20RIV
- SR-32J
- SR-32JN
- SW-12RII

Note:
### E20-RSH-035

- **Pitch**: 3.5
- **Gear Ratio**: 1:1
- **RPM Max.**: 5’000

**Machines Types**
- ECAS-12
- ECAS-20
- SR-20J
- SR-20JN
- SR-20RIII
- SR-20RII
- SR-32J
- SR-32JN

**Note**: Adjustable ±5°

### E20-RSH-080

- **Pitch**: 8
- **Gear Ratio**: 1:1
- **RPM Max.**: 5’000

**Machines Types**
- ECAS-12
- ECAS-20
- SR-20J
- SR-20JN
- SR-20RIII
- SR-20RII
- SR-32J
- SR-32JN

**Note**: Adjustable ±5°
**STAR MICRONICS SR-32**

**Whirling tools**

---

**SR20J-W20**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Speed</td>
<td>8'000 RPM (max.)</td>
</tr>
</tbody>
</table>

**Machines Types**

- ECAS-12
- ECAS-20
- SR-20J
- SR-20JN
- SR-20RIII
- SR-20RI
- SR-32J
- SR-32JN
- SW-20

**Note:**

- Use 2 Locations
- Adjustable ±20°
- SCHWANOG 191884, Z=6, Ø12mm

---

**E20-W20**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Speed</td>
<td>8'000 RPM (max.)</td>
</tr>
</tbody>
</table>

**Machines Types**

- ECAS-12
- ECAS-20
- SR-20J
- SR-20JN
- SR-20RIII
- SR-20RI
- SR-32J
- SR-32JN
- SW-20

**Note:**

- Adjustable ±20°
- Need 2 positions
- SCHWANOG 218135, Z=5, Ø6mm
- GLOOR 501-0003, Z=5, Ø6mm

---

Visit us online: www.pcm.ch