TOOL HOLDERS
CITIZEN CINCOM
C16-C32.
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.
Advantages

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 ratios available

Case-hardened and paired bevel gears system

Available with coolant through the spindle

Different clamping systems in high precise concentricity

High flexible coolant system (Hirt Line)

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Visit us online: www.pcm.ch
# CITIZEN CINCOM C16/C32

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Face drill/mill tools</td>
<td>5</td>
</tr>
<tr>
<td>Cross drill/mill tools</td>
<td>8</td>
</tr>
<tr>
<td>Accelerated tools</td>
<td>9</td>
</tr>
<tr>
<td>Polygon tools</td>
<td>10</td>
</tr>
<tr>
<td>Whirling tools</td>
<td>11</td>
</tr>
<tr>
<td>Special tools</td>
<td>12</td>
</tr>
</tbody>
</table>

**Rotation:**  
- **CW** Clockwise  
- **CCW** Counterclockwise  

**Cooling:**  
- **INT** Interior  
- **EXT** Exterior  
- **Without**
CITIZEN CINCOM C16-C32
Face drill/mill tools

GSE-507-DE

<table>
<thead>
<tr>
<th>ER11+ER08</th>
<th>1:1</th>
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<tbody>
<tr>
<td>RPM max.</td>
<td>8'000</td>
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Machines Types

- M212-C
- M212-V
- M216-C
- M216-V
- M312-III
- M312-V
- M316-III
- M316-V

Note:
Position T06-T09

GSE-707

<table>
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<th>ER11</th>
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Machines Types

- M212-C
- M212-V
- M216-C
- M216-V
- M312-III
- M312-V
- M316-III
- M316-V

Note:
Position T06-T09
GSE-90G-4

- 16
- 4:1
- RPM max. 2'000
- Machines Types C16-VII C16-IX

Note:

GSC-707

- 11
- 1:1
- RPM max. 5'000
- Machines Types C16-VII C16-IX

Note:
## GSE-508

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<th>Description</th>
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<td>1:1</td>
<td></td>
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<td>RPM max.</td>
<td>8'000</td>
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</table>

### Machines Types
- M212-C
- M212-V
- M216-C
- M216-V
- M312-III
- M312-V
- M316-III
- M316-V

### Note:
Position T06-T09

## GSE-810

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<td>-</td>
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<tr>
<td>RPM max.</td>
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### Machines Types
- C16-VII
- C16-IX
- C32

### Note:

### GSE-807

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**Note:**

### GSE-808

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<td>Machines Types</td>
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**Note:**
### GSE-8-3X

<table>
<thead>
<tr>
<th>Specification</th>
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<tr>
<td>Number of Units</td>
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<td>Reduction Factor</td>
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<td>Machines Types</td>
<td>C16-VII, C16-IX</td>
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**Note:**

GSE-8-3X Accelerated tools.
GSF-130

- \( n \) 16
- \( \phi \) 1:1
- RPM max. 5'000

Machines Types
- C16-VII
- C16-IX

Note:
Max. tool Ø50 mm
### LSW-424

<table>
<thead>
<tr>
<th>RPM max.</th>
<th>8'000</th>
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</table>

Machines Types

- M212-C
- M212-V
- M216-C
- M216-V
- M312-III
- M312-V
- M316-III
- M316-V

#### Machines Types

Position T08-T09
Adjustable ±10°

Schwanog cutter head SWG-196617, Z=5, Ø6 mm
Gloor cutter head 501-0002, Z=6, Ø12 mm
Utilis cutter head 137876/137568, Z=9 or Z=12, Ø12 mm

Note:
CITIZEN CINCOM C16-C32
Special tools

GDF901

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<th>Diameter</th>
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Machines Types

- M212-C
- M212-V
- M216-C
- M216-V
- M312-III
- M312-V
- M316-III
- M316-V

Note:
Position T06-T09

SAU-225

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Machines Types

- C16-VII
- C16-IX
- C32

Note:
### GDF902

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**Machines Types**
- M212-C
- M212-V
- M216-C
- M216-V
- M312-III
- M312-V
- M316-III
- M316-V

**Note:**
Position T06-T09

### SAU-319

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**Machines Types**
- C16-VII
- C16-IX

**Note:**