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)
- Available with coolant through the spindle
- Different ratios available
- Case-hardened and paired bevel gears system
- 100% tested
- Customised tool available
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**GOODWAY SW-42**

**Face drill/mill tools**

## LL-ZBD0-ER16-HP

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**Note:**

For internal coolant in high pressure max 150Bar.
### LL-ZBB0-ER16-3X

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**Note:**

### LL-ZBB0-ER25

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<td>Ratio</td>
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<td>5'000</td>
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**Note:**
GOODWAY SW-42
Accelerated tools

**LL-ZBDO-CR-3X**

- **3xER11**
- **1:3**
- **RPM max.** 15'000
- **Machines Types** SW-42

**Note:**
Quick change

**LL-ZBDO-CR-2X**

- **3xER11**
- **1:3**
- **RPM max.** 15'000
- **Machines Types** SW-42

**Note:**
Quick change
### LL-ZD-CR

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**Machines Types**  
SW-42

**Note:**  
For 2x KM-23 tool holders pre-setting block.

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### ZBDO-CR

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**Machines Types**  
SW-42

**Note:**  
Pre-setting block for Quick change
LL-30-KM32

Note:
For KM-23 tool holders.
Basis LL-30-00
Head LL-30-01

LL-30-HF

Note:
For high frequency spindle.
Basis LL-30-00
Head LL-30-02