



Turning holder system with high pressure cooling



– EN –



ZCC Cutting Tools Europe GmbH

your Partner | your Value



100% chip control

- 100% chip control when machining long-chipping materials
- Exchangeable cartridge ensures high economic efficiency of the system: In case of tool crash, only the cartridge needs to be changed
- Star-shaped coolant nozzles for improved coolant performance
- Due to cartridge toothing: positive fit, exact positioning is guaranteed
- The open truss version reduces vibrations even more and prevents the tool head from overheating
- Holders available with all machine tool interfaces

Primary workpiece materials

- Heat-resistant alloys
- Titanium alloys
- Roller bearing steels

Main industry segments and components

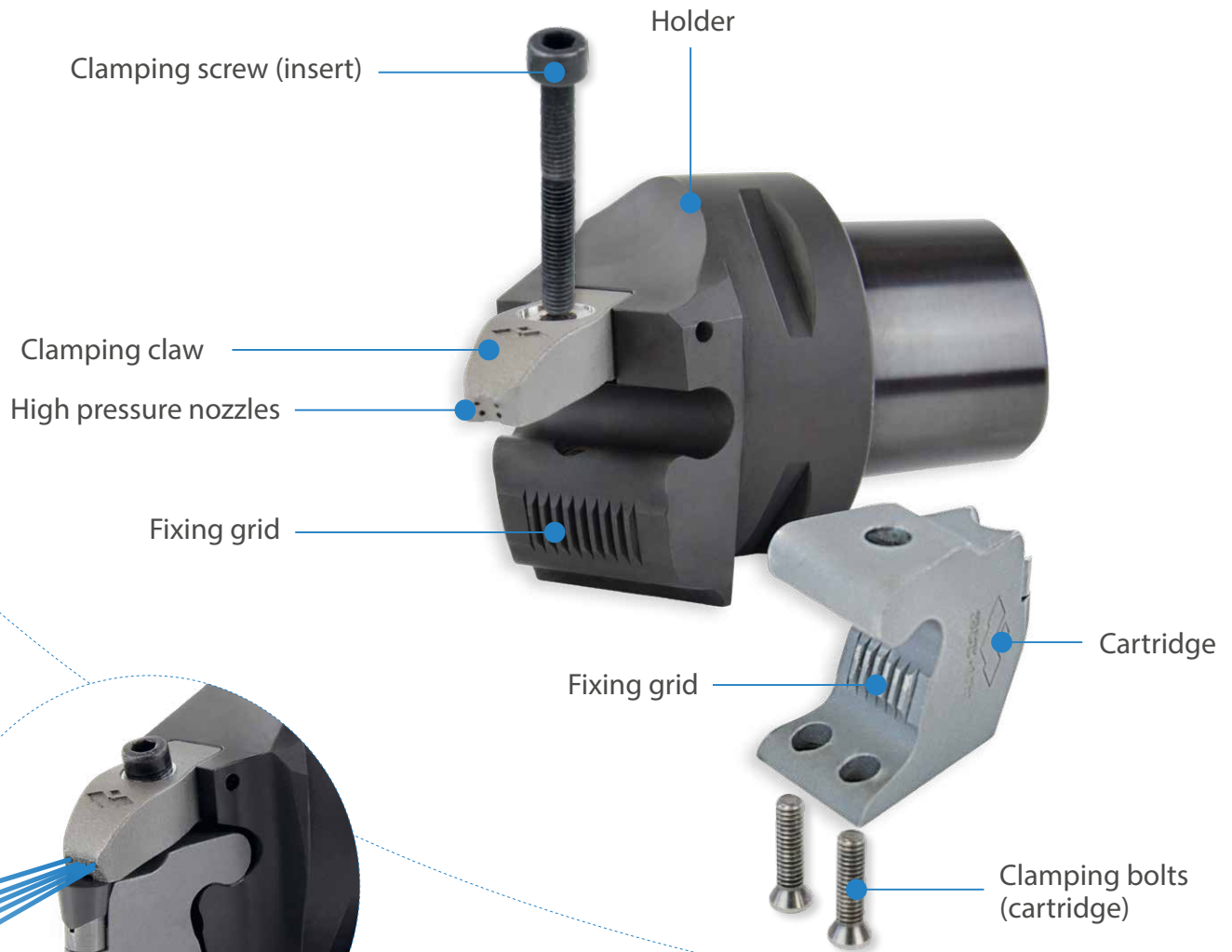
- Aerospace industry (engine components)
- Energy technology (turbine components)
- Transport (naval engine components)
- Bearing industry



Customized tool system available on request.

Safe chip control due to precise coolant pressure (min. 40 bar, max. 150 bar) at the spindle discharge.
Recommended pressure: 80 bar





Standard cartridge (top jet only)



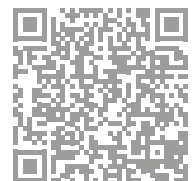
Standard cartridge (top and bottom jet)



Premium cartridge (top and bottom jet)

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Customized Tool System zRay

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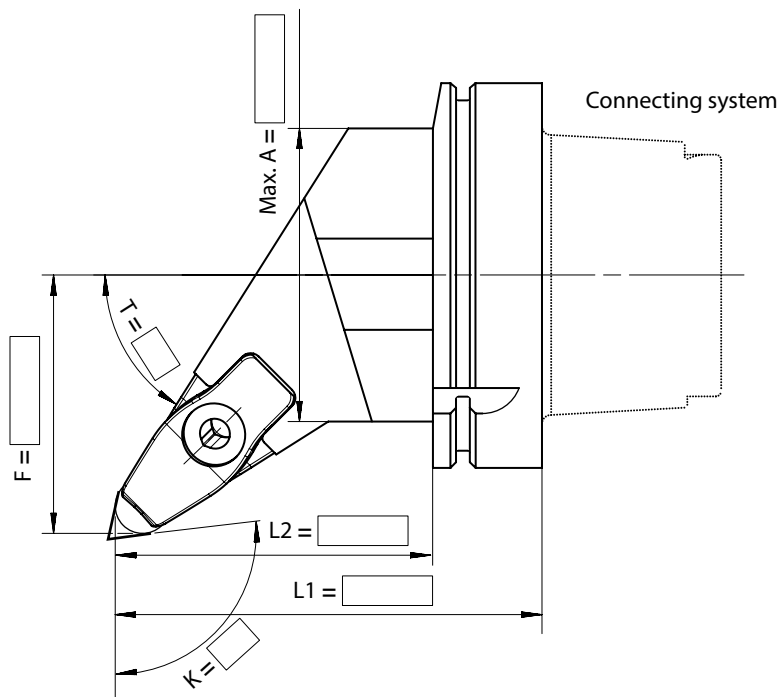
Tool type	
External turning	<input type="checkbox"/>
Internal turning	<input type="checkbox"/>
Right hand	<input type="checkbox"/>
Left hand	<input type="checkbox"/>
Neutral	<input type="checkbox"/>
Connecting system:	
Insert:	

Cooling	
Top jet only	<input type="checkbox"/>
Top & bottom jet	<input type="checkbox"/>
Low pressure	<input type="checkbox"/>

If chip control is required, use inserts without chip breaker.

Global delivery information: Design and manufacturing = 10 to 12 weeks
 Manufacturing only = 8 to 10 weeks

Machining information	
Workpiece material:	
Existing max. coolant pressure:	[bar]
Max. depth of cut:	[mm]
Max. feed rate:	[mm/rev]
Cutting speed:	[m/min]
Continuous cut	<input type="checkbox"/>
Lightly interrupted cut	<input type="checkbox"/>
Strongly interrupted cut	<input type="checkbox"/>



Remark
Please attach any additional information required. For internal turning operations, please indicate the minimum workpiece diameter prior to machining.

Order quantity:	Desired delivery date:
Date:	Signature: