



**TiefbohrSysteme<sup>®</sup> GmbH**

DEEP HOLE BORING TECHNOLOGY | EQUIPMENT

## AT A GLANCE

Passion for Precision

DEEP HOLE BORING TECHNOLOGY





## **Our Program:**

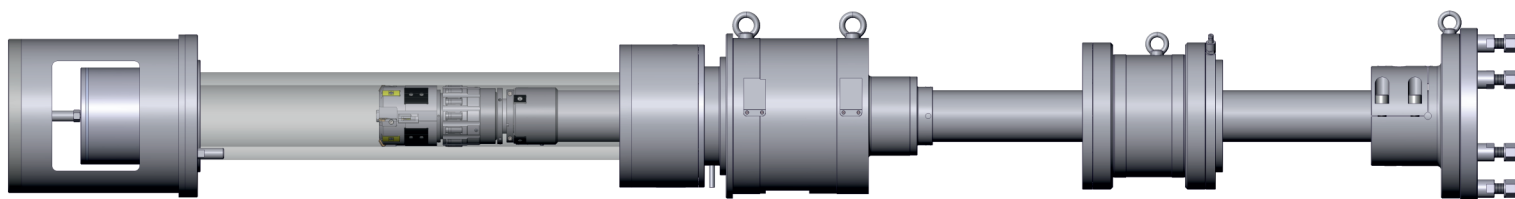
### **Tools:**

- Solid Boring Tools up to Ø 250 mm
- Trepanning Tools up to Ø 650 mm
- Counter Boring Tools for pushed and pulled operations
  - Form Tools for Counter Boring
- Combined Tools for machining of Hydraulic Cylinders
  - NC Controlled Tools

### **Deep Hole Boring Accesories:**

Drill Tubes - Oil Pressure Heads - Vibration Dampers  
Boring Bar Clamping Units - Lanterns

This program provides users technical solutions and support in the production of long borings in metallic materials.  
To accomplish your tasks and problems we are always at your disposal. Please contact us.





## Product Overview

Tools	<b>Solid Boring</b> Solid Boring Tools up to Ø 250 mm or 10 inch	
	<b>Trepanning</b> Trepanning Tools up to Ø 650 mm or 25,6 inch	
	<b>Counterboring</b> Counter Boring Tools from Ø 20 bis > Ø 1000 mm; Pushed and pulled operations	
	<b>Skiving and Roller Burnishing</b> Skiving Tools and Combined Tools for counter boring, skiving and roller burnishing. Especially for machining hydraulic cylinder	
	<b>NC controlled Tools</b> Pull-Counter Boring Tool used for chamber (bottle) boring as well as for components with tapered bores.	
	<b>Special designed Tools</b> Special design according to customer	
Equipment	<b>Oil Pressure Heads (BOZA), Lanterns</b> Oil Pressure Heads to supply coolant, guiding the tool, hold and seal steady or rotating workpieces; Diameter range from Ø 6.5 to > Ø 1000 mm Lantern to guide the tool, hold and seal the workpieces	
	<b>Vibration Dampers</b> Reduction of vibrations which occur at the Drill Tube and the Tool; Hydraulic and manuell Designs	
	<b>Boring Bar Clamping Unit, drill Tubes</b> Secure mounting of the Drill Tube due to an fitted Boring Bar Clamping; High torque transmission Drill Tubes in different sizes and designs	



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**Our Program:**

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