



*PT honing tool and connecting piece*

### **Standardized precision**

The newly developed multiple-stone PT tooling system is designed for honing bores with a diameter range of 68-110 mm. A special feature is the re-structured modular system which distinguishes itself with the use of standardized components.

### **Technical highlights**

The so-called tool string consists of the honing tool and connecting piece for the spindle. The revision of the joint kinematics in the tool string as a whole - in particular the integration of the lower joint into the honing tool - leads to an ideal compensation of the angular deviation and offset of the workpiece bore to the machine spindle. The adjustability of the joints ensures an extremely long life. The newly designed air and coolant supply of the tool string enables optimal cooling on the area being worked on as well as an in-process gauging in two levels. These technical features ensure that machining tasks meet

the quality requirements for shape and dimensional tolerances of 5-10  $\mu\text{m}$ . This applies to all the industry-standard surface requirements of our customers.

### **Typical areas of application**

Cylinder crank cases in the most diverse models are applications for the PT series.

### **Your benefits**

In addition to the technical and application-related advantages the modular structure of the tooling system enables the best delivery times both for new tools as well as tooling rework.

A high degree of standardization results in reduced production costs - an additional customer benefit in respect of economy in the application.

**Trust in the technology leader with many years' experience and global presence!  
Innovative technology combined with an economical mindset sets us apart.**