

TZ 200.06

Drilling jig for an annular disc



Description

- **functional drilling jig as a practice model providing an introduction to technical drawing**
- **complete set of production-oriented drawings**

The drilling jig model forms part of the extensive GUNT course providing an introduction to technical drawing. The didactic approach involves teaching the systematic and transferable learning matter based on an operational mechanism.

All parts, made from steel, are precision-manufactured on CNC machines. The surfaces of the steel parts have a gun-metal finish to prevent corrosion.

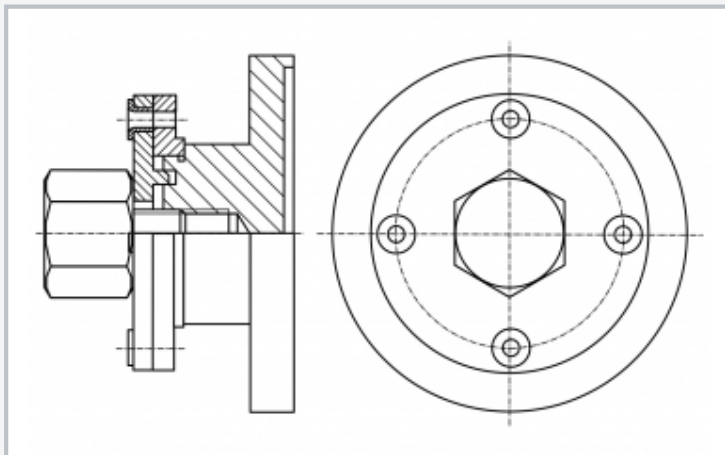
Comprehensive and well-structured instructional material supports wide-ranging use of the model in technical training. Optimal learning is established when one model is used with two/three students.

Learning objectives/experiments

- reading and understanding engineering drawings and parts lists
- production-oriented and standardised representation of turned parts: dimensioning, surface finish and tolerance specifications
- technological aspects: material selection, functions, manufacturing methods, work planning, manufacturing aids, jigs and fixtures, and much more.

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Sectional view

Specification

- [1] part of the GUNT technical drawing course
- [2] practical drilling jig for machining of a bearing cover
- [3] all drilling jig components made from steel, precision-manufactured, with gunmetal surface finish
- [4] instructional material incorporates action-oriented and interdisciplinary forms of teaching

Technical data

DxH: 120x70mm (drilling jig)
 DxH: 90x10mm (ring)
 Weight: approx. 3kg

Scope of delivery

- 1 drilling jig
- 1 bearing cover as workpiece
- 1 set of instructional material