

FT 907

Grinding kit



Learning objectives/experiments

- familiarisation with typical abrasives and grinding tools used in engineering and their specific application
- investigation of
 - ▶ grain / shape / material
 - ▶ construction of grinding wheels
- discussion of areas of application

Specification

- [1] abrasives and grinding tools demonstration kit
- [2] content: 6 different grinding wheels, 5 sheets of abrasive paper with different grain sizes, 1 cylindrical abrasive pencil, 1 hand finishing stick
- [3] all parts clearly laid out on a plastic tray
- [4] multiple trays stackable

Technical data

3 flat grinding wheels: 1x for structural steel (rough grinding), 1x for tool steel (medium standard), 1x for hard metal (fine grinding)
 1 depressed centre wheel
 1 cup grinding wheel
 1 right angle grinder for surface grinding
 1 abrasive pencil with shaft
 1 hand finishing stick (fine grain)
 Abrasive paper: P=40, 100, 180, 320, 400

LxWxH: 500x350x110mm

Weight: approx. 6kg

Description

- **comprehensive instructional kit of typical abrasives and grinding tools used in engineering**

The kit is used primarily for viewing and information purposes. No provision is made for conducting exercises or experiments.

It includes 13 different grinding tools and abrasives. The largest tool diameter is 115mm.

The kit is clearly laid out on a plastic tray.

Scope of delivery

- 1 complete kit, laid out on a tray
- 1 set of instructional material