

# FT 909

## Turning kit



### Description

#### ■ comprehensive instructional kit of typical lathe 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 lathe tools, including a reversible carbide tip holder. Four reversible carbide tips and a turned part are also included. The turned part features examples of machining with the different tools.

The kit is clearly laid out on a plastic tray.

### Learning objectives/experiments

- familiarisation with typical lathe tools used in engineering and their specific application
- familiarisation with
  - ▶ different lathe tools: shape, application
  - ▶ reversible carbide tips (cutting geometry)
- discussion of specific examples of application

### Specification

- [1] lathe tools demonstration kit
- [2] content: 13 different lathe tools, 4 reversible carbide tips, 1 turned part
- [3] turned part: aluminium  
shaft 262mm long, diameter 70mm
- [4] all parts clearly laid out on a plastic tray
- [5] multiple trays stackable

### Technical data

1 reversible carbide tip holder  
 4 reversible carbide tips of different materials  
 12 lathe tools with soldered-in carbide tips (including inside tool, parting-off tool, side tool, face tool)

LxWxH: 500x350x110mm (tray)  
 Weight: approx. 10kg

### Scope of delivery

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