

# MG 905

## Thread types kit



### Learning objectives/experiments

- familiarisation with the most important thread types used in mechanical engineering and their specific applications
- use the thread gauge to determine the thread type

### Specification

- [1] kit of thread types
- [2] 8 thread types, arranged clearly
- [3] cut-out sections make thread flanks visible
- [4] galvanised parts
- [5] thread gauge for determining thread type
- [6] all parts arranged clearly in the storage system
- [7] multiple storage systems can be stacked on top of each other

### Technical data

Thread size: 24mm  
 Thread gauge for external and internal thread

- metric ISO thread
- Whitworth thread
- Whitworth pipe thread

LxWxH: 500x350x110mm (storage system)  
 Weight: approx. 3kg

### Scope of delivery

- 1 complete kit, arranged in storage system
- 1 set of instructional material

### Description

- **extensive teaching kit of the most important thread types used in mechanical engineering**
- **standardised designations, terms and specific applications**

Threads are the basis for detachable connections, such as screws with external threads and nuts with internal threads. A number of thread types have been developed over time, depending on the application and loads that a thread has to withstand. Standards guarantee the function of paired components with internal and external threads.

This kit is used for demonstration and information. It is not designed for performing exercises or experiments. Different bolt and nut threads are shown. The thread flanks are made visible by cut-out sections. A thread gauge allows you to determine the thread type and size.

The kit is arranged clearly in a storage system.