

# MG 901

## Nuts and bolts kit



### Description

- extensive kit comprising the most important screws and nuts used in mechanical engineering
- standard designations, terms and graphical representation

Screws and nuts are standardised machine elements that are classified as detachable elements. These connecting elements are used when components of a machine need to be firmly fixed to each other. Different screws and nuts are used depending on the application.

This kit is used for demonstration and information. It is not designed for performing exercises or experiments. The original standard parts are screwed clearly into an aluminium plate. The symbols on the plate show the DIN and standard designation of the relevant part, in addition to the correct graphical representation.

The kit is arranged clearly in a storage system.

### Learning objectives/experiments

- familiarisation with the most important screws and nuts used in mechanical engineering and their specific applications
- familiarisation with relevant standardised designations and terms including their graphical representations

### Specification

- [1] kit of screws and nuts
- [2] 42 standard parts arranged clearly on an aluminium plate
- [3] plate with screen print
- [4] shown in the screen print: graphic representation and DIN designation
- [5] all parts arranged clearly in the storage system
- [6] multiple storage systems can be stacked on top of each other

### Technical data

Aluminium plate, LxW: 350x255mm  
Screws: C4,8, K4,8, M6, M8, M10  
Nuts: M6, M8, M10

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

### Scope of delivery

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