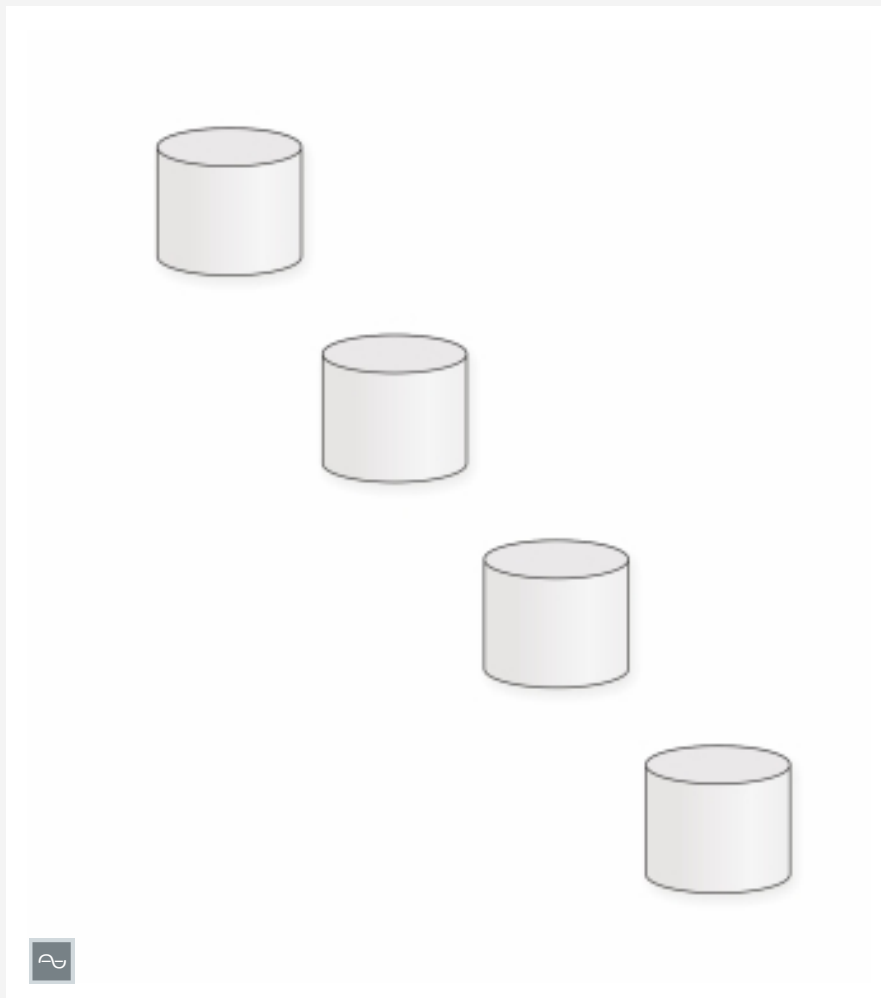


## WP 300.72

### Set of 4 compression specimens, plastic



#### Learning objectives/experiments

- compression tests on the WP 300 experimental unit

#### Specification

- [1] compression specimens for compression tests
- [2] 4 specimens made of plastic
- [3] accessory for WP 300 Materials testing, 20kN

#### Technical data

- 4 compression specimens
- specimens diameter: 10mm
  - total specimen length: 10mm
  - material: plastic

Weight: approx. 25g

#### Scope of delivery

- 1 set of specimens (4 pieces)

#### Description

##### ■ compression specimens made of plastic

This set of specimens is available as an accessory for the WP 300 experimental unit. The specimen is secured between the crosshead and lower cross member of WP 300.

In the compressive test, a uniaxial state of stress is produced in a geometrically defined specimen. This state of stress is produced by an external load on the specimen in the longitudinal direction via a compressive force.

Then a uniform normal stress distribution prevails in the test cross-section of the specimen. In order to determine the strength of the material, the load on the specimen is slowly and steadily increased, until the specimen ruptures.

The set contains four specimens made of plastic.

## **WP 300.72**

### **Set of 4 compression specimens, plastic**

Required accessories

WP 300                    Materials testing, 20kN