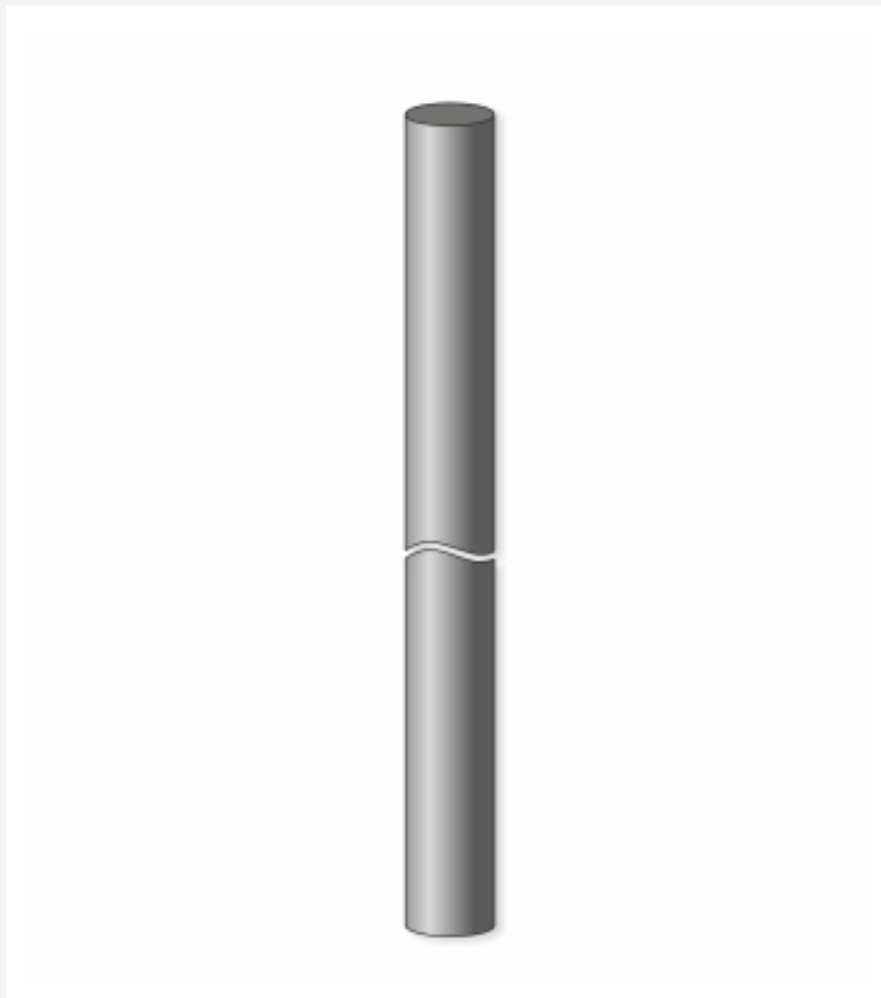


WP 310.81

Set of 25 bending specimens, St



Learning objectives/experiments

- together with WP 310.03
 - ▶ loading of a bending beam by a point force
 - ▶ influence of modulus of elasticity and second moment of area on deformation

Specification

- [1] specimens for bending experiments
- [2] 25 specimens made of steel
- [3] accessory for bending device WP 310.03
- [4] accessory for WP 310 Materials testing, 50kN

Technical data

25 bending specimens

- specimens diameter: 12mm
- specimen length: 400mm
- material: steel

Weight: approx. 9kg

Scope of delivery

- 1 set of specimens (25 pieces)

Description

- together with WP 310.03 as accessories for the WP 310 experimental unit

This set of specimens is available as an accessory for the WP 310 experimental unit. The relationship between load and deformation can be demonstrated. The influence of the modulus of elasticity and second moment of area is also demonstrated.

The bending beam is mounted on two supports in WP 310.03 and loaded with a point force generated by the test device. By sliding the bearing it is possible to apply the force in different positions and change the support width.

An I-section steel beam is bolted to the lower cross-member on the WP 310 and is used as the base.

The set contains 25 specimens made of steel.

WP 310.81

Set of 25 bending specimens, St

Required accessories

WP 310	Materials testing, 50kN
WP 310.03	Bending test device