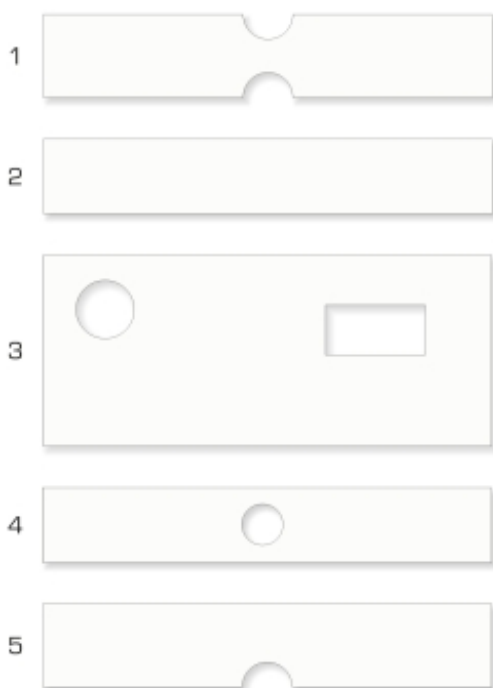


FL 200.01

Set of 5 photoelastic models



Learning objectives/experiments

- with FL 200 Photoelastic experiments with a transmission polariscope: generate plane stress states in various models under compressive load

Specification

- [1] ready-made models for the representation of mechanical stress sequences
- [2] models for compression tests
- [3] support for model pick-up, bracket for initiating the load
- [4] accessory for FL 200 Photoelastic experiments with a transmission polariscope

Technical data

5 different models
Material: polycarbonate (PC)

model 1: 250x10x50mm
model 2: 250x10x50mm
model 3: 250x10x140mm
model 4: 250x10x50mm
model 5: 250x10x50mm

Scope of delivery

- 5 models
- 1 set of accessories

Description

■ generate plane stress states in various models under compressive load

These models are used for the representation of mechanical stresses under compressive load. The set contains five different models and is available as an accessory for FL 200 Photoelastic experiments with a transmission polariscope.

The models are made from polycarbonate, which is available in plate form. A carefully manufactured model plate can be used practically an unlimited number of times for qualitative demonstration purposes if handled properly.

In addition to the five models, the scope of delivery includes a support for the model as well as a bracket for initiating the load. The models can be attached quickly within the frame of FL 200.

FL 200.01

Set of 5 photoelastic models

Required accessories

FL 200 Photoelastic experiments with a transmission polariscope