SE 112
Mounting frame

Specification

[1] frame for mounting of experiments in statics, strength of materials and dynamics
[2] sturdy sectional steel double frame, welded
[3] easy, exact mounting of all components by precision clamp fixings
[4] stable on laboratory desktops or workbenches
[5] frame supplied disassembled

Technical data

Mounting frame made of steel sections
- frame opening WxH: 1250x900mm
- section groove width: 40mm

LxWxH: 1400x400x1130mm (assembled)
LxWxH: 1400x400x200mm (without mountings)
Weight: approx. 32kg

Scope of delivery

1 mounting frame, disassembled
1 set of bolts with hexagon socket wrench
1 instruction manual

Description

- **mounting frame for setup of experiments in statics, strength of materials and dynamics**

The mounting frame SE 112 provides a clearly laid-out, user-friendly means of setting up experiments in the fields of statics, strength of materials and dynamics.

SE 112 comprises four steel sections which are bolted together to form a frame. Two feet on the sides provide stability. The frame is quick and easy to assemble, with just a few actions needed.

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Required accessories

020.30009	WP 300.09	Laboratory trolley

Optional accessories

Equilibrium conditions		
022.11050	SE 110.50	Cable under dead-weight
022.11053	SE 110.53	Equilibrium in a single plane, statically determinate system
Bridges, beams and arches		
022.11012	SE 110.12	Lines of influence on the Gerber beam
022.11016	SE 110.16	Parabolic arch
022.11017	SE 110.17	Three-hinged arch
022.11018	SE 110.18	Forces on a suspension bridge
Forces and deformations in a truss		
022.11021	SE 110.21	Forces in various single plane trusses
022.11022	SE 110.22	Forces in an overdeterminate truss
022.11044	SE 110.44	Deformation of trusses
Elastic and permanent deformations		
022.11014	SE 110.14	Elastic line of a beam
022.11020	SE 110.20	Deformation of frames
022.11029	SE 110.29	Torsion of bars
022.11047	SE 110.47	Methods to determine the elastic line
022.11048	SE 110.48	Bending test, plastic deformation
Stability and buckling		
022.11019	SE 110.19	Investigation of simple stability problems
022.11057	SE 110.57	Buckling of bars
Vibrations in a bending beam		
022.11058	SE 110.58	Free vibrations in a bending beam