COMPRESSION PLATENS

T-Groove Compression Platens

T-slotted aluminum or steel platens for mounting grips and fixtures



OVERVIEW

T-slotted platens provide a flat mounting base for attaching fixtures, grips and specimens for tensile and compression tests. They mount to the machine with four threaded holes or a clevis adapter and can carry a chuck or vise grip for clamping large specimens. Available in anodized aluminum or nickel-plated steel in three standard sizes.

KEY FEATURES

- Parallel T-slots for flexible fixture and grip mounting
- Attach to the machine with four threads or a clevis adapter
- Available in anodized aluminum or heavier nickel-plated steel
- Three standard sizes: 250 × 250, 220 × 400, 380 × 400 mm
- Usable on single-column testers with a grip mounted on the platen
- Custom versions with diagonal slots or cut-outs on request

TECHNICAL SPECIFICATIONS

Max. load	Depends on coupling, platen material and load application
Test type	Fixture base for tensile and compression tests
Platen size	250 × 250, 220 × 400 or 380 × 400 mm
Material	Aluminum, anodized; or steel, nickel-plated
Temperature range	-70 to +180 °C (aluminum); -70 to +280 °C (steel)
Coupling	Female clevis Ø 15.9 mm (5/8 in), 20, 30, 31.8 mm (1-1/4 in), 32, 36 or 40 mm; male Ø 31.7 mm; or 4 threads
Weight	4 to 10 kg (aluminum), 11.7 to 26.3 kg (steel)
Scope of supply	1 platen

AVAILABLE VERSIONS

250 × 250 mm, aluminum	4 kg
220 × 400 mm, aluminum	5.6 kg
380 × 400 mm, aluminum	10 kg
250 × 250 mm, steel	11.7 kg
220 × 400 mm, steel	16.3 kg
380 × 400 mm, steel	26.3 kg

APPLICATIONS

- Large and irregular specimens
- Furniture screw-holding tests
- Battery and component testing
- Custom fixture setups

Ordering & customization: Specify platen size, material, machine coupling or thread mounting, and the grips or fixtures to be mounted.

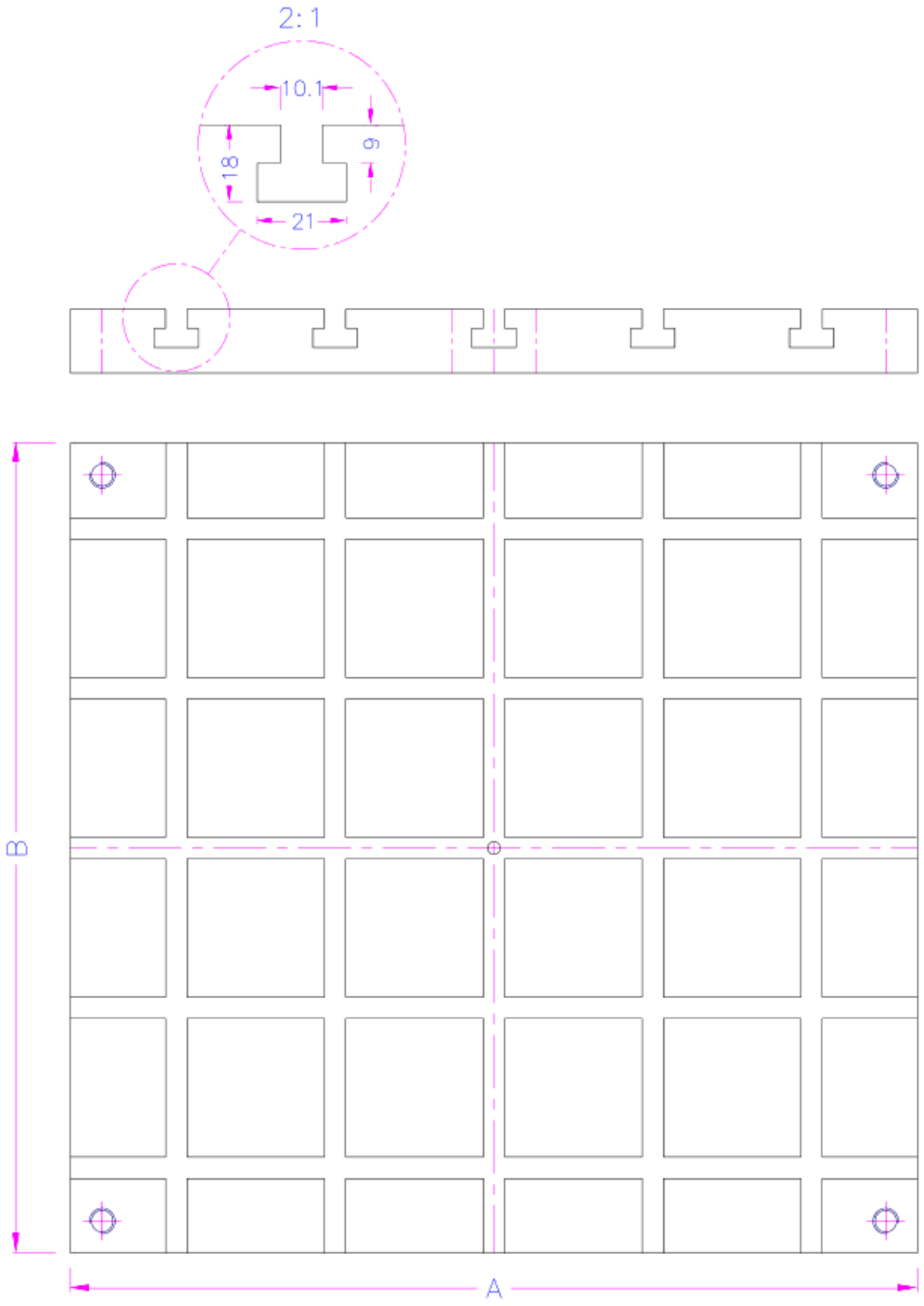
Dimensional drawings
See page 2. Certified drawings and 3D models available on request.

Specifications are typical and may vary by configuration; confirm at time of quote. Custom versions, couplings and adapters available on request. Part ref. UGC-CP-190

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DIMENSIONAL DRAWINGS

FIG. 1



Dimensions in mm. Drawings are representative of the product family and may show optional versions or accessories; dimensions are for reference only and may change without notice. Certified dimensional drawings and 3D models are available on request.