STANDARDS TEST FIXTURE

Composite Fastener Pull-Through Fixture Method A

Fastener pull-through fixture for fiber-reinforced composites to ASTM D7332 Method A



OVERVIEW

Fixture for measuring the fastener pull-through resistance of fiber-reinforced polymer matrix composites according to ASTM D7332, Method A. A plate specimen with an installed fastener is supported in the fixture while the testing machine pulls the fastener head through the laminate. Hardened, nickel-coated steel construction rated for 50 kN.

KEY FEATURES

- Designed for fastener pull-through tests to ASTM D7332 Method A
- Supports flat composite plate specimens with installed fasteners
- Hardened steel resists wear from repeated high-load tests
- Nickel coating protects the fixture against corrosion
- Rated for loads up to 50 kN
- Suitable for structural composite joint qualification

TECHNICAL SPECIFICATIONS

Max. load	50 kN
Test type	Fastener pull-through
Standard	ASTM D7332 Method A
Specimen	Fiber-reinforced polymer composite plates
Material	Steel, hardened, nickel-coated
Coupling	On request
Temperature range	On request

APPLICATIONS

- Aerospace composite structures
- Composite fastener qualification
- Automotive lightweight joints
- Materials research laboratories

STANDARDS ASTM D7332

Ordering & customization: Specify fastener size and type, specimen thickness and the machine coupling.

Drawings available on request
Contact us for dimensional drawings or 3D models of this product.

Specifications are typical and may vary by configuration; confirm at time of quote. Custom versions, couplings and adapters available on request. Part ref. UGC-ST-230