STANDARDS TEST FIXTURE

Aluminum Adhesive Bond Wedge Fixture

Wedge test fixture for adhesive bond durability on aluminum to ASTM D3762



OVERVIEW

Wedge test fixture for evaluating adhesive bond durability of aluminum joints according to ASTM D3762. A hardened steel wedge, 3.2 mm thick with a 26 mm long cutting part, is held in a cylindrical holder and driven by the testing machine into the bond line of the specimen, opening a crack whose growth indicates bond durability.

KEY FEATURES

- Designed for adhesive wedge tests according to ASTM D3762
- Steel wedge, 3.2 mm thick, 26 mm cutting length
- Rated for loads up to 30 kN
- Cylindrical holder guides the wedge centrally
- Wedge clamped by screw for replacement
- Repeatable wedge insertion in place of manual hammering

TECHNICAL SPECIFICATIONS

Max. load	30 kN
Test type	Wedge insertion (crack opening)
Standard	ASTM D3762
Wedge	3.2 mm thick, 26 mm long cutting part
Material	Steel
Coupling	On request
Temperature range	On request

APPLICATIONS

- Aerospace adhesive bonding
- Aluminum surface treatment
- Adhesive durability research
- Bonded structure QC

STANDARDS ASTM D3762

Ordering & customization: Specify 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-430