STANDARDS TEST FIXTURE

Denture Tooth Bond Fixture ISO TS 19736

Angle-adjustable fixture for bond strength between polymer teeth and denture base



OVERVIEW

Fixture for the bonding test between polymer denture teeth and denture base materials according to ISO/TS 19736. The specimen is held in a holder with a 25 mm inner diameter mounted on an angle-adjustable bracket with a degree scale, and a loading rod from the crosshead pushes against the tooth until it debonds. Rated to 2 kN.

KEY FEATURES

- Test arrangement designed to ISO/TS 19736 requirements
- Specimen holder with 25 mm inner diameter
- Angle-adjustable bracket with graduated degree scale for repeatable setup
- Loading rod applies force to the tooth
- Rated to 2 kN for denture tooth debonding
- Female clevis coupling Ø 15.9 mm (5/8 in)

TECHNICAL SPECIFICATIONS

Max. load	2 kN
Test type	Tooth-to-denture-base bond, shear/compression
Specimen holder	Ø 25 mm inner diameter
Loading angle	Adjustable, graduated scale
Material	Steel, nickel-plated
Coupling	Female clevis, Ø 15.9 mm (5/8 in) pin
Temperature range	Ambient

APPLICATIONS

- Denture teeth manufacturers
- Denture base resins
- Dental materials R&D
- Dental laboratories QC

STANDARDS ISO/TS 19736

Ordering & customization: Specify specimen dimensions, required loading angle and 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-830