SHEAR FIXTURES

Dental Restorative Bond Shear Fixture ISO 29022

Notched-edge shear fixture for dental restorative bond strength



OVERVIEW

A shear fixture for determining the adhesive bond strength between dental restorative material and tooth structure, similar to ISO 29022. The embedded tooth specimen is clamped in a V-block holder with two thumbscrews, and a notched shearing tool on the upper adapter loads the bonded restorative cylinder at the interface.

KEY FEATURES

- Designed similar to ISO 29022 notched-edge shear
- V-block holder with thumbscrews for embedded specimens
- Notched shearing tool for bonded cylinders
- Compact steel construction for low-force testing
- Upper loading tool mounts on a clevis adapter

TECHNICAL SPECIFICATIONS

Test type	Shear bond strength, dental restoratives
Max. load	On request
Specimen holder	V-block with 2 thumbscrews
Shearing tool	Notched edge
Coupling	Clevis pin coupling — other sizes via adapters
Material	Steel
Temperature range	Ambient

APPLICATIONS

- Dental adhesives
- Composite restoratives
- Dental cements
- Dental research labs

STANDARDS ISO 29022

Ordering & customization: Specify specimen embedding size, bonded cylinder diameter 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-SF-310