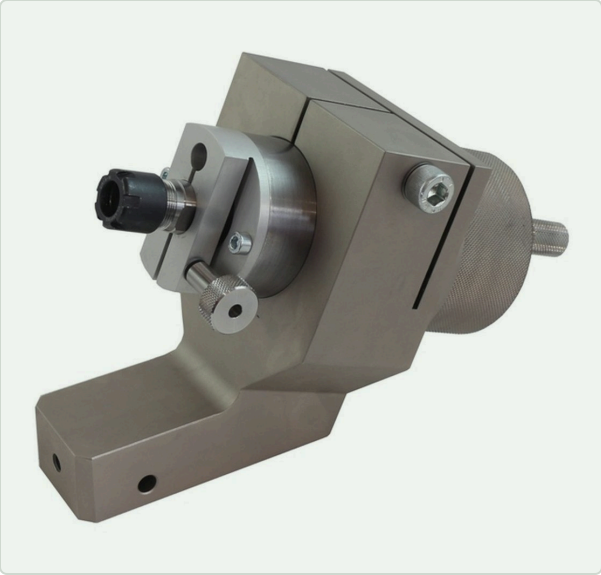
STANDARDS TEST FIXTURE

Dental Drill and Turbine Test Fixture ISO 8325

Test fixture for rotary dental instruments, burs and turbines to ISO 8325



OVERVIEW

Test fixture for rotating dental instruments such as dental drills, burs and turbines according to ISO 8325. The instrument shank is held in a drill chuck while a flat-tip punch applies a defined load, allowing shank strength and fit to be evaluated. Nickel-plated steel construction rated for 100 N.

KEY FEATURES

- Designed for testing rotary dental instruments to ISO 8325
- Suitable for dental burs, drills and turbine instruments
- Drill chuck with 3–27 mm range on the bur shank version
- Flat-tip punch, Ø 4.5 mm x 40 mm, applies the test load
- Rated for 100 N, suited to small precision instruments
- Nickel-plated steel with standard 20 mm clevis coupling

TECHNICAL SPECIFICATIONS

Max. load	100 N
Test type	Shank load test, rotary instruments
Standard	ISO 8325
Chuck range	3–27 mm (bur shank version)
Punch	Ø 4.5 mm, 40 mm long, flat tip
Coupling	Female clevis, Ø 20 mm pin
Material	Steel, nickel-plated
Temperature range	On request

AVAILABLE VERSIONS

Rotary instrument fixture	For dental drills and turbines, 100 N
Bur shank fixture	Drill chuck 3–27 mm, Ø 4.5 mm punch, 100 N clamping force

APPLICATIONS

- Dental instrument manufacturing
- Dental bur QC
- Handpiece and turbine testing
- Medical device compliance

STANDARDS ISO 8325

Ordering & customization: Specify instrument type and shank 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-ST-170