SHEAR FIXTURES

Double Shear Fastener Fixture NASM 1312-13

Compression-mode double shear fixture for fasteners per NASM 1312-13



OVERVIEW

A double shear fixture for determining the shear strength of fasteners to NASM 1312-13. The fastener passes through a hardened steel block and is sheared across two planes as a central blade is pushed down between compression platens. The fixture accepts fasteners up to 6.3 mm diameter.

KEY FEATURES

- Conforms to NASM 1312-13 double shear testing
- Accepts fasteners up to 6.3 mm diameter
- Fastener is sheared across two planes simultaneously
- Hardened, nickel-plated steel construction for long service life
- Operates in compression between standard platens

TECHNICAL SPECIFICATIONS

Test type	Double shear of fasteners, compression mode
Max. load	On request
Max. specimen diameter	6.3 mm
Material	Steel, nickel-plated, hardened
Coupling	None - placed between compression platens
Temperature range	Ambient
Scope of delivery	Fixture; compression platens not included

APPLICATIONS

- Aerospace fasteners
- Screws and bolts
- Dowel and clevis pins
- Fastener qualification

STANDARDS NASM 1312-13

Ordering & customization: Specify fastener diameter and order compression platens to suit the machine.

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-120