STANDARDS TEST FIXTURE

Fastener Shear Fixture 400 kN

400 kN shear test fixture for threaded fasteners M6 to M24



OVERVIEW

Heavy-duty shear test fixture for threaded fasteners with a capacity of 400 kN. Interchangeable inserts accept fasteners from M6 to M24. The fixture is placed between the upper and lower compression platens of the testing machine, which drive the shearing parts together until the fastener fails. Minimum specimen length is 70 mm.

KEY FEATURES

- Rated for shear loads up to 400 kN
- Inserts for M6, M8, M10, M12, M16, M20 and M24 fasteners
- Works between standard compression platens; no clevis coupling needed
- Accepts fastener specimens with a minimum length of 70 mm
- Solid steel construction for high-strength bolts
- Insert change for each thread size

TECHNICAL SPECIFICATIONS

Max. load	400 kN
Test type	Shear
Specimen	Threaded fasteners M6–M24
Min. specimen length	70 mm
Inserts	M6, M8, M10, M12, M16, M20, M24
Mounting	Between compression platens
Material	Steel
Temperature range	On request

APPLICATIONS

- Bolt and screw manufacturers
- Fastener quality control
- Structural steel connections
- Automotive fastener testing

Ordering & customization: Specify the thread sizes required and the compression platen size of the testing 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-ST-300