STANDARDS TEST FIXTURE

Battery Handle Strength Fixture EN 50342-5

Pull test fixture for the handles of lead-acid starter batteries to EN 50342-5



OVERVIEW

Test fixture for checking the strength of carrying handles on lead-acid starter batteries according to EN 50342-5, clause 4.4.4. The battery is secured on a lower holding plate with T-slots and clamping bars, while an upper hook-type pulling device engages the handle and the testing machine applies the specified tensile load.

KEY FEATURES

- Designed for handle strength testing according to EN 50342-5, clause 4.4.4
- Upper hook-type pulling device engages the battery handle
- Lower T-slot holding plate with adjustable clamping bars secures the battery
- Handles batteries of different case sizes on one base
- Nickel-plated steel construction for durability and corrosion resistance
- Rated for loads up to 5 kN

TECHNICAL SPECIFICATIONS

Max. load	5 kN
Test type	Tensile, battery handle strength
Standard	EN 50342-5 (4.4.4)
Specimen	Lead-acid starter batteries
Scope of supply	Upper pulling device and lower holding plate
Material	Steel, nickel-plated
Coupling	On request
Temperature range	On request

APPLICATIONS

- Automotive starter batteries
- Battery handle qualification
- Battery production QC
- Battery housing development

STANDARDS EN 50342-5

Ordering & customization: Specify battery case dimensions, the machine coupling and the required load capacity.

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-090