STANDARDS TEST FIXTURE

Rebar Stress Corrosion Cracking Fixture GOST 34028

Dead-weight stress corrosion cracking rig for reinforcing steel to GOST 34028



OVERVIEW

Stress corrosion cracking test fixture for reinforcing rolled products used in reinforced concrete according to GOST 34028. The bar specimen passes through a transparent test cell filled with calcium ammonium nitrate solution at 100 °C, and lever arms with dead weights hold it under constant tensile load until cracking or the test duration ends.

KEY FEATURES

- Designed for stress corrosion cracking tests according to GOST 34028
- Lever arms with dead weights apply constant tensile load
- Weight set included: 5 × 1 kg, 5 × 2 kg and 5 × 5 kg
- Transparent test cell for calcium ammonium nitrate solution
- Heated bath maintains the 100 °C test temperature
- Free-standing frame with leveling feet; no testing machine needed

TECHNICAL SPECIFICATIONS

Test type	Stress corrosion cracking, constant load
Standard	GOST 34028
Specimen	Reinforcing bars and rolled products
Loading	Lever arms with dead weights
Weights included	5 × 1 kg, 5 × 2 kg, 5 × 5 kg
Test medium	Calcium ammonium nitrate solution
Test temperature	100 °C
Max. load	On request

APPLICATIONS

- Reinforcing steel producers
- Prestressing steel qualification
- Construction materials laboratories
- Corrosion research

STANDARDS GOST 34028

Ordering & customization: Specify bar diameter range, required test load and whether the heating unit is to be supplied.

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-270