STANDARDS TEST FIXTURE

Metallic Coating Bend Fixture

Hand-crank bend fixture for adhesion of metallic coatings to ASTM B571



OVERVIEW

A bend test fixture for qualitative adhesion testing of metallic coatings to ASTM B571. A coated strip specimen is clamped and bent around a mandrel by turning a hand crank, and the bent area is then inspected for flaking, peeling or cracking of the coating. The rigid frame on a base plate keeps the bend geometry repeatable.

KEY FEATURES

- Bend test for metallic coating adhesion to ASTM B571
- Hand crank for controlled manual bending
- Specimen clamp holds strip in position
- Rigid frame on a bolt-down base plate
- Repeatable bend geometry for comparing coating batches
- Compact bench-top design with bolt-down base

TECHNICAL SPECIFICATIONS

Test type	Bend test, coating adhesion
Operation	Manual, hand crank
Specimen	Coated metal strip
Mandrel diameter	On request
Specimen width	On request
Mounting	Base plate, bench mounted
Material	Steel

APPLICATIONS

- Electroplated coatings
- Hot-dip galvanized strip
- Decorative metal finishes
- Coating process control

STANDARDS ASTM B571

Ordering & customization: Specify specimen thickness and width and the mandrel diameter required by the coating specification.

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-010