PUNCTURE FIXTURES

Bi-Metal Coin Core Push-Out Fixture

Push-out fixture measuring the shear force that holds the core of bi-metal coins and tokens



OVERVIEW

A test fixture for measuring the shear force needed to press the core out of a bi-metal coin or token. The coin sits in a seat on a hollow cylindrical support while a punch on the upper adapter pushes the center pill through the outer ring. The peak force indicates the strength of the press fit between core and ring.

KEY FEATURES

- Measures the core push-out shear force of bi-metal coins
- Suitable for circulation coins as well as gaming tokens
- Hollow support with viewing window for the ejected core
- Round punch mounted in the upper adapter
- Nickel-coated steel construction for corrosion resistance
- Coin seat matched to the coin diameter

TECHNICAL SPECIFICATIONS

Test type	Compression / core push-out shear
Specimen	Bi-metal coins and tokens
Coupling	Female clevis, Ø 15.9 mm (5/8 in) pin
Material	Steel, nickel-coated
Max. load	On request
Coin diameter	On request (seat made to coin)
Punch	Round punch (as pictured)

APPLICATIONS

- Mint quality control
- Bi-metal coin production
- Casino token testing
- Press-fit joint strength

Ordering & customization: Specify coin or token diameter and core diameter, expected push-out force and the machine coupling.

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-PF-020