STANDARDS TEST FIXTURE

Honeycomb Core Delamination Fixture

Node-bond strength fixture for honeycomb core to ASTM C363



OVERVIEW

A fixture pair for determining the delamination (node bond) strength of honeycomb core materials to ASTM C363. The core specimen is mounted on inner pins in upper and lower box fixtures and pulled apart in the ribbon direction until the node bonds fail. Interchangeable inserts adapt the pins to different cell sizes.

KEY FEATURES

- Node bond strength test to ASTM C363
- Upper and lower box fixtures with handles
- Inner pins engage the honeycomb cells
- Two pairs of pin inserts for 18.7 mm and 25 mm cells
- Rated for a maximum load of 10 kN
- Nickel-plated steel construction for corrosion resistance

TECHNICAL SPECIFICATIONS

Max. load	10 kN
Test type	Honeycomb delamination (node bond)
Cell size inserts	18.7 mm and 25 mm
Coupling	Clevis pin coupling — other sizes via adapters
Material	Steel, nickel-plated
Temperature range	On request
Scope of supply	Upper and lower fixture, 2 pairs of inserts

APPLICATIONS

- Aluminum honeycomb core
- Aramid paper honeycomb
- Sandwich panel cores
- Aerospace materials qualification

STANDARDS ASTM C363

Ordering & customization: Specify honeycomb cell size and 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-ST-050