COMPRESSION CAGES

Pull Cage for Compression 140 × 200 mm

Four-column pull cage that converts machine tension into compression, -70 to +280 °C



OVERVIEW

A four-column pull cage that turns the tensile stroke of a testing machine into a compression load on the specimen. Two interlocking frames with 140 × 200 mm platens slide on guide rods, giving 220 mm of working space between the platens. The nickel-plated steel cage is rated for -70 to +280 °C, so compression tests can be run with the cage inside a temperature chamber on pull rods.

KEY FEATURES

- Converts machine tension into specimen compression
- Large 140 × 200 mm platens for bulky specimens
- 220 mm working space between platens
- Four guide rods for parallel platen travel
- Temperature range -70 to +280 °C for chamber use
- Nickel-plated steel construction for corrosion resistance

TECHNICAL SPECIFICATIONS

Test type	Compression via tension (pull cage)
Platen size	140 × 200 mm
Working space	220 mm between platens
Coupling	Male clevis, Ø 35 mm pin hole
Material	Steel, nickel-plated
Temperature range	-70 to +280 °C
Max. load	On request
Guides	Four guide rods

APPLICATIONS

- Foams and elastomers at temperature
- Plastic and composite parts
- Springs and components
- Compression set studies

Ordering & customization: Specify required load, platen size, working space, coupling and temperature range.

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-CC-010