COMPRESSION CAGES

Compression Cage with Ceramic Insert

Compact heavy-duty pull cage with ceramic insert for compression tests in chambers



OVERVIEW

A compact, heavy-duty cage that redirects the tensile force of the machine into compression on the specimen. Two interlocking round frames on guide posts keep the load axial and prevent buckling of the load train. A ceramic insert at the loading point suits elevated-temperature testing, and the cage is designed for use in temperature chambers.

KEY FEATURES

- Converts the machine's tensile stroke into specimen compression
- Prevents buckling of the load train
- Ceramic insert at the loading point
- Compact round design, Ø 96 mm
- Strong version designed for high compressive loads
- Suited to use inside temperature chambers

TECHNICAL SPECIFICATIONS

Test type	Compression via tension
Outer diameter	96 mm
Insert	Ceramic
Coupling	Female clevis, Ø 60 mm pin
Material	Steel
Max. load	On request
Temperature range	On request (chamber use)

APPLICATIONS

- High-temperature compression
- Ceramics and refractories
- Small metal specimens
- Temperature chamber testing

Ordering & customization: Specify maximum load, temperature range, specimen 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-CC-030