



Product Code

- UTR-0400 Compression Jig Assembly for Rock Core Specimens Ø47,6 mm (NQ) to Ø63,5 mm(HQ), ASTM
- UTR-0408 Compression Jig Assembly for Ø47,6mm(NQ) Rock Core Specimens, ISRM, ASTM
- UTR-0410 Compression Jig Assembly for Ø54,74mm(NX) Rock Core Specimens, ISRM, ASTM
- UTR-0422 Indirect Tensile (Brazil) Test Apparatus for NX (Ø54.74 mm) Rock Specimens, ISRM
- UTR-0424 Indirect Tensile (Brazil) Test Apparatus for HQ (Ø63,5 mm) Rock Specimens, ISRM
- UTR-0426 Splitting Tensile Test Device for NX (Ø54.74 mm) and 63,5mm (HQ) Rock Specimens, ASTM

Standards

ASTM D7012, D3967; ISRM

UTR-0400 is used for uniaxial compressive strength tests of rock core specimens with Ø47,6 mm to Ø63,5 mm acc. to ASTM. Supplied with 2 pcs. 32mm and 1 pcs. 20 mm distance pieces.

UTR-0408 and UTR-0410 are used for uniaxial compressive strength tests of rock core specimens acc. to ISRM and ASTM. UTR-0408 is supplied with 1 pcs. 10 mm and 2 pcs. 15 mm distance pieces and UTR-0410 with 1 pcs. 15 mm and 2 pcs. 20 mm distance pieces.

The radius of the upper and lower jaws of UTR-0422 and UTR-0424 are designed in accordance with the sample diameter and they are supplied with spherical seat with a 25- mm half ball bearing acc. to ISRM.

UTR-0426 is designed for testing splitting tensile strength of rock specimens with diameter of 54,7 mm and 63,5 mm and supplied with a distance piece acc. to ASTM.

WARNING : Many rock types fail in a violent manner when loaded to failure in compression .For protecting the operator from this danger, the specimens can be wrapped with a protective shield before the compression test.



UTR-0400



UTR-0426



UTR-0422

Product Code	UTR-0400	UTR-0408	UTR-0410	UTR-0426
Load Capacity	Max. 1250 kN	Max. 1250 kN	Max. 1250 kN	---
Platens Diameter	80 mm dia	48,5 mm dia	55,5 mm dia	72 mm dia
Min. Hardness of Platens	58 HRC	58 HRC	58 HRC	60 HRC
Vertical Clearance	165 mm	144 mm	166 mm	66
Loading Head Stroke	65	25	25	---