UNIAXIAL & TRIAXIAL TESTS

Product Code

UTR-0400 Compression Jig Assembly for Rock Core Specimens
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 Indirect/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.

Supplied with 2 pcs. 32mm and 1 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	Platens Dimensions	80 mm dia.
	Min. Hardness of Platens	58 HRC
	Vertical Clearance	165 mm
	Loading Head Stroke	65
	Load Capacity	Max. 1250 kN

UTR-0426	Platens Diameter	72 mm dia.
	Min. Hardness of Platens	60 HRC
	Vertical Clearance	66 mm