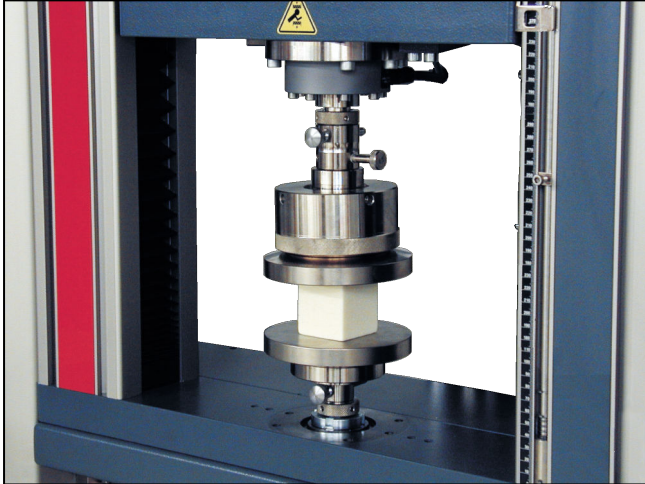


Product Information

Complete compression test kit

CTA: 45053 204166

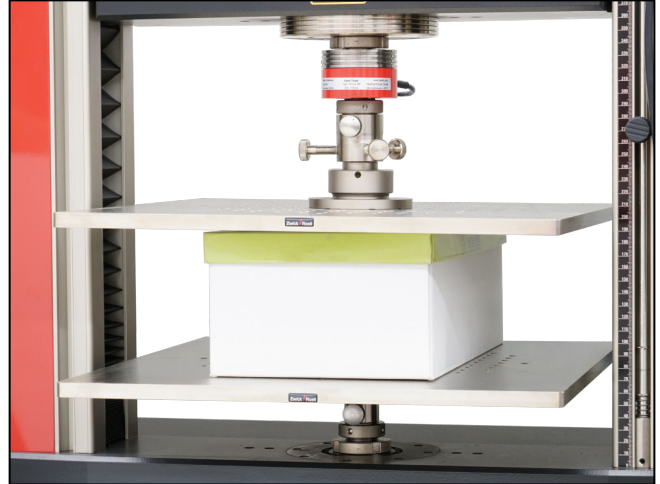


Complete compression test kit Ø 136 mm, example of mounting option

Applications

Function test on components and simple materials testing on elastic materials. Compression tests are used to determine material behavior under compression loading. The compression specimen is compressed until break, until crack, or up to a specified compression value.

The complete compression test kits include a lower and an upper compression platen in different dimensions, in fixed version or with adjustable ball-joint.



Complete compression test kit 400 x 400 mm

Advantages and features

- Cost effective testing solutions for function tests on components and simple materials testing
- The complete compression test kits provide complete fixtures with corresponding components.
- Low wear due to surface hardened compression platens.
- The adjustable ball-joint allows for plane-parallel alignment of the compression platens to each other.

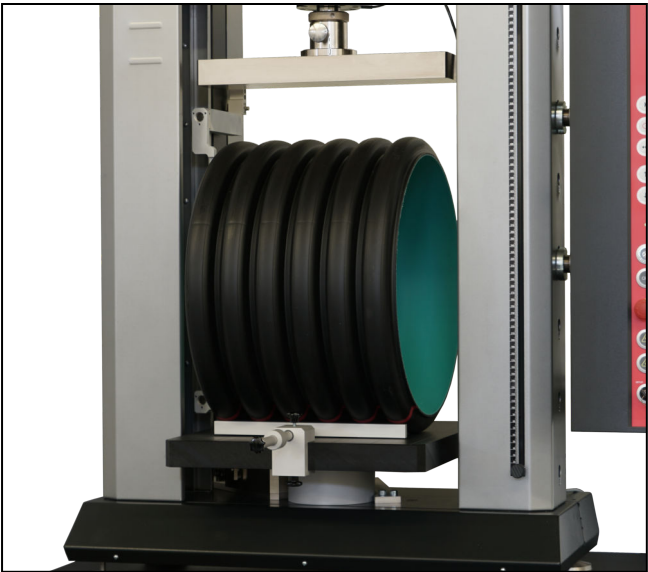
Product Information

Complete compression test kit

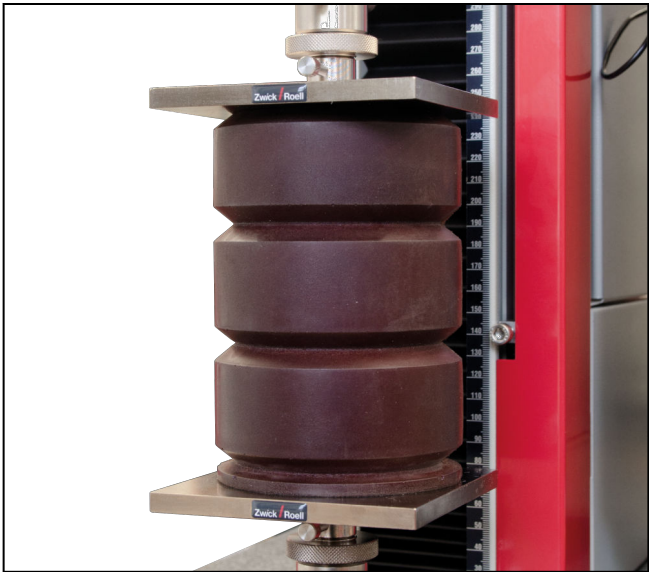
Technical data

Square

Type Item No.	Complete compression test kit 320492	Complete compression test kit 316226	Complete compression test kit 1096048	Complete compression test kit 320502	Complete compression test kit 310988	
Test load F_{max}	0.5	10	50	10	250	kN
Dimensions						
Compression platen, upper						
Length	110	120	100	400	400	mm
Width	110	120	360	400	400	mm
Compression platen, lower						
Length	110	120	400	400	400	mm
Width	110	120	400	400	400	mm
Connection, upper	Stud Ø 8	Adapter 16 ^{H7}	Stud Ø 36	Adapter 16 ^{H7}	Adapter 16 ^{H7}	mm
Connection, lower	Stud Ø 8	Connector TK 75 mm Flange Item No. 316649/317 877	Pitch circle Ø 115 (4 x M8)	Base cross- head Connector TK 75 mm Flange Item No. 316649/317 877	Base cross- head Connector TK 75 mm Flange Item No. 316649/317 877	mm
Ambient temperature	-70 ... +250	-70 ... +250	-80 ... +250	-70 ... +250	+10 ... +35	°C



Complete compression test kit 360 x 400 mm, aluminum



Complete compression test kit 110 x 110 mm

All data at ambient temperature.

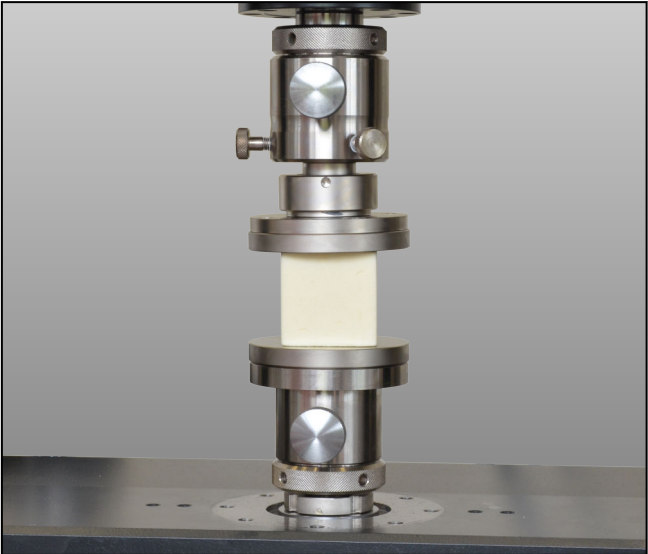
Subject to change in the course of further development.

Product Information

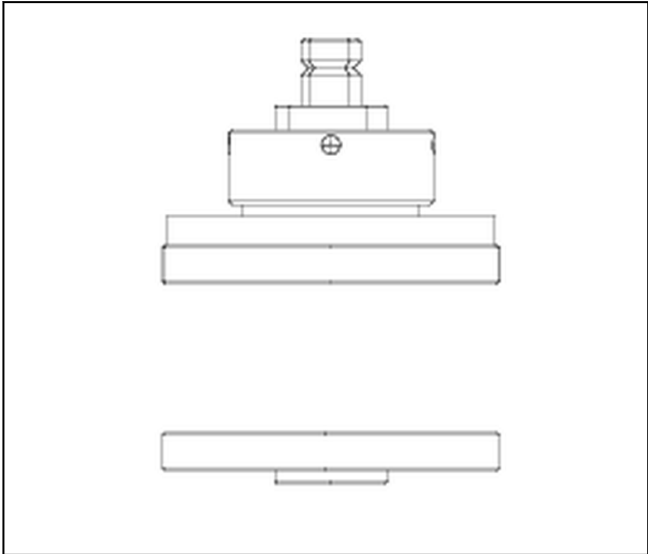
Complete compression test kit

Round

Type	Complete compression test kit	Complete compression test kit	
Item No.	320504	310986	
Test load F_{max}	20	250	kN
Dimensions			
Compression platen, upper			
Diameter	90	136	mm
Compression platen, lower			
Diameter	90	136	mm
Connection, upper	Adapter 16 ^{H7}	Adapter 16 ^{H7}	
Connection, lower	Connector TK 75 mm Flange Item No. 316649/317877 (Allround-Line) Base crosshead (ProLine)	Connector 75 mm Flange Item No. 316649/317877	
Ambient temperature	-70 to +250	-70 ... +250	°C



Complete compression test kit, Ø 90 mm. Connections shown: top, adapter Ø 36 mm; bottom, connector Ø 36 mm



Overview of complete compression test kit, Ø 90 mm.