

## COMPRESSION TESTING FRAME ACCESSORIES

### Product Code

- UTC-4511** Lower and Upper (spherically seated) Bearing Blocks, Ø105 mm (6,5"), ASTM C39
- UTC-4512** Lower and Upper (spherically seated) Bearing Blocks, Ø165 mm (6,5"), ASTM C39
- UTC-4513** Lower and Upper (spherically seated) Bearing Blocks, Ø 216 mm (8,5"), ASTM C39
- UTC-4514** Lower and Upper (spherically seated) Loading Platens, (220x410x50) mm (8,66x16,1x1,97")
- UTC-4516** Lower and Upper (spherically seated) Bearing Blocks (310x410x90) mm (8,66x16,1x1,97"), ASTM C140
- UTC-4517** Lower and Upper (spherically seated) Loading Platens, Ø 300 mm, EN 12390-4
- UTC-4518** Lower and Upper (spherically seated) Loading Platens, Ø 360 mm, EN 12390-4
- UTC-4519** Lower and Upper (spherically-seated) Loading Platens, 310x510x50 mm EN 12390-4 and EN 772-1
- UTC-4528** Upper Bearing Platens Replacement Console for UTC-4725 and UTC-4735
- UTC-4622E** Fixture for Centering Specimens, for Ø300 mm Lower Loading Platen
- UTC-4624E** Fixture for Centering Specimens, for Ø360 mm Lower Loading Platen
- UTC-4626E** Fixture for Centering Specimens for 310x510x50mm Lower Loading Platen for UTC-5729, UTC-5739, UTC-6729, UTC-6739 UTC-6749 and UTC-6759 Frames
- UTC-4629** Jack for Loading Platens/Bearing Blocks for UTC-4514, UTC-4516 and UTC-4519

The platens enable the testing of a wide variety of cylinder, cube, blocks or similar specimens.

- Manufactured from high quality steel, which is then hardened, smoothed and finished.
- The roughness value for the surface texture of the auxiliary platens are  $\leq 3.2 \mu\text{m}$ .
- UTC-4512, UTC-4513, UTC-4517 and UTC- 4518 have centering rings on the lower platens for proper centering of 100 mm and 150 mm cube, 100 mm and 150 mm cylinder samples.
- Ø 300 mm UTC-4517 has an specimen centering apparatus on lower platen as standard for 150 mm cube

Lifting Device for Lower Loading Platen (UTC-4629) which can be used easy replacement of the distance pieces between the piston and the lower platen for setting the vertical clearance of the frames.

The device should be ordered separately for UTC-4514, UTC-4516 and UTC-4519.





UTC-4511



UTC-4512



UTC-4513



UTC-4514



UTC-4516



UTC-4517



Centering apparatus on  
UTC-4518



UTC-4519

	UTC-4511	UTC-4512	UTC-4513	UTC-4514	UTC-4516	UTC-4517	UTC-4518	UTC-4519
Sizes of Platens	Ø105 mm (4,13") Upper Ø165 mm (6,5") Lower	Ø165 mm (6,5")	Ø216 mm (8,5")	220x410x50 mm	310x410x90mm (12,2x16,1x3,54")	Ø300 mm	Ø360 mm	310x510x50mm
Sizes of Specimens (Can be tested)	2", 3", 4" dia. cylinders	4", 6" dia. cylinders	6" dia. cylinders	Blocks up to 210x410 mm	Blocks up to 310x390 mm (8,7"x15",3")	100, 150, 160, 250 mm dia. cylinders 100, 150, 200 mm cubes	100, 150, 160, 250 mm dia. cylinders 100,150,200mm cubes	Masonry Units up to 310x510 mm
Standards	ASTM C39	ASTM C39	ASTM C39	EN 772-1	ASTM C140 C1314	EN 12390-4	EN 12390-4 For ≥4000 kN compression frames	EN 12390-4 EN 772-1
Hardness	≥ 55 HRC	≥ 55 HRC	≥ 55 HRC	≥ 600 HV	≥ 60 HRC	≥ 53 HRC	≥ 53 HRC	≥ 600 HV
Dimensions	11x11x13 cm (4,3"x4,3"x5")	17x17x13 cm (6,7"x6,7"x5")	22x22x13 cm (8,7"x8,7"x5")	23x43x15 cm	33x43x15 cm (13"x17"x6")	32x32x20 cm	43x43x30 cm	33x50x14 cm
Weight	7 kg (15,4 lbs)	20 kg (44 lbs)	37 kg (82 lbs)	170 kg	200 kg (241 lbs)	75 kg	110 kg	180 kg