

Product Code

UTC-4630	Distance Pieces, Ø165x15 mm (Ø6,5" x 0,59")
UTC-4631	Distance Pieces, Ø165x30 mm (Ø6,5" x 1,18")
UTC-4633	Distance Pieces, Ø165x50 mm (Ø6,5" x 1,97")
UTC-4634	Distance Pieces, Ø165x100 mm (Ø6,5" x 3,93")
UTC-4636	Distance Pieces, Ø205x30 mm (Ø8,07" x 1,18")
UTC-4638	Distance Pieces, Ø205x50 mm (Ø8,07" x 1,97")
UTC-4639	Distance Pieces, Ø205x100 mm (Ø8,07" x 3,93")
UTC-4680	Pedestal for 600kN (135000 lbf) and 1100kN (245000 lbf) Compression Testing Frames
UTC-4682	Pedestal for 1500 kN (335000 lbf), 2000 kN (450000 lbf) and 3000 kN (670000 lbf) Compression Testing Frames
UTC-4684	Pedestal for Four Column 2000 kN (45000 lbf) and 3000 kN (670000 lbf) Compression Testing Frames
UTC-4686	Pedestal for Four Column 4000 kN (900000 lbf) and 5000 kN (1250000 lbf) Compression Testing Frames

Standards

EN 12390-3, 12390-4; BS 1881; ASTM C39

Distance pieces are used to reduce the amount of vertical clearance between the upper platen and the lower platen. For lowering the minimum distance between upper and lower platens down to required height, 2000 kN, 3000 kN and 4000 kN machines are supplied with 205 mm (8,07") dia. distance pieces and 600 kN, 1100kN and 1500 kN machines are supplied with 165 mm (6,5") dia. distance pieces.

Distance pieces are equipped with handles.

LOADING CYLINDER ASSEMBLY

All frames have a single acting up stroking ram. The diameter of the piston is designed to work with the load capacity.

The maximum ram movement is 50 mm. The pressure transducer is used for load measurements. There is a low friction coaxial PTFE seal between the cylinder and the piston fitted to the cylinder.

PEDESTAL FOR FRAMES

The pedestals make it easier for the user to placement of specimens in the frames for compression test.

	Dimensions	Weight (approx.)
UTC-4630	165x165x15 mm	2,5 kg (5,5 lbs)
UTC-4631	165x165x30 mm	5 kg (11 lbs)
UTC-4633	165x165x50 mm	8 kg (17,6 lbs)
UTC-4634	165x165x100 mm	15,5 kg (34,2 lbs)
UTC-4636	205x205x30 mm	8 kg (17,6 lbs)
UTC-4638	205x205x50 mm	13 kg (28,7 lbs)
UTC-4639	205x205x100 mm	24,5 kg (54 lbs)
UTC-4680	545x540x545 mm	50 kg (110 lbs)
UTC-4682	725x540x445 mm	55 kg (122 lbs)
UTC-4684	775x580x445 mm	84 kg (186 lbs)
UTC-4686	785x580x445 mm	90 kg (199 lbs)



Distance Pieces



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Loading Cylinder Assembly and Limit Switch



UTC-4680 or UTC-4682 Pedestal