

Grips & Fixture Selection Guide

Self-Tightening Grips	Model Number	Capacity		Maximum Sample Width
		N	lbf	
Eccentric Roller Grip (25 mm wide)	TG10	1 kN	225 lbf	25 mm (0.98 in)
Eccentric Roller Grip (50 mm wide)	TG22	1 kN	225 lbf	50 mm (1.97 in)
Sliding Roller Grip	TG14	2 kN	450 lbf	25 mm (0.98 in)
Bollard Grip	TG20	1 kN	225 lbf	50 mm (1.97 in)
Rubber Grip	GF-6	1 kN	225 lbf	25 mm (0.98 in)
Fabric Grip	GF-7	1 kN	225 lbf	75 mm (2.95 in)
Scissor Grip	TG210	10 kN	2248 lbf	100 mm (3.94 in)

TG10

Eccentric Roller Grip

General purpose, self-tightening grips feature an eccentric roller design ideal for dumbbell and flat specimens. The roller operates using a basic cam jamming principle. The rollers have a cross-hatched, serrated finish that helps prevent slipping. Clamps hold the sample securely against the horizontally-grooved back face. Maximum sample width is 25 mm (0.98 in). Maximum sample thickness is 5 mm (0.2 in).

Capacity

1 kN, 225 lbf

Packaging

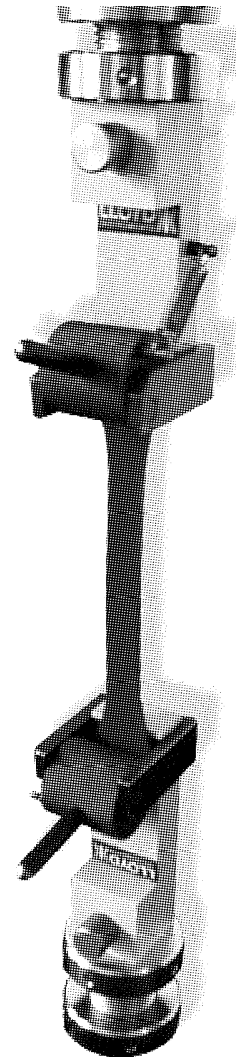
Includes upper and lower grip.

Applications

Ideal for tensile testing sheet materials including polymers and rubbers.

Specification

Maximum Capacity	1 kN	225 lbf
Minimum Loadcell	20 N	4.5 lbf
Maximum Sample Width	25 mm	0.98 in
Maximum Sample Thickness	5 mm	0.2 in
Eye End Diameter	15.85 mm	5/8 in
Weight Each	0.25 Kg	0.6 lb
Length Each	83 mm	3.27 in
Temperature Limits	Ambient	



Note: See Grip Adapter Section (Page 105) for adapters required to fit force gauges, loadcells and test stands.

Ordering Information

Model	Part No.	Description
TG10	01/2092	Self-Tightening Eccentric Roller Grip - 1kN (225 lbf)