

Span Adjustment	Part Number	Packaging	Mounting Size
25 - 75 mm (0.98 - 2.95 in)	GF-54	Complete Fixture	#10-32 Female
10 - 400 mm (0.39 - 15.75 in)	01/1511	Complete Fixture	
20 - 550 mm (0.79 - 21.65 in)	01/1894	Complete Fixture	
20 - 300 mm (0.79 - 11.81 in)	01/1112	Complete Fixture	
25 - 550 mm (0.98 - 21.65 in)	01/2544	Complete Fixture	
10 - 150 mm (0.39 - 5.91 in)	01/1894	Complete Fixture	

TG18

3-Point Bend Jig

This jig operates in compression only. Specimen supports are supplied in the following diameters: 1 mm, 4 mm and 10 mm (0.01, 0.16 and 0.39 in).

Capacity

5 kN at 400 mm (1124 lbf at 15.75 in)

Packaging

Complete jig with multiple sample supports.

Applications

Used to determine the flexural properties of rigid and semi-rigid materials including glass, ceramics, composites, wood and plastics.

Note: See pages 93-113 for adapters required to fit grips to force gauges, loadcells, and test stands.

Specification

Maximum Capacity	5 kN at 400 mm	1124 lbf at 15.75 in
Minimum Loadcell	50 N	11.25 lbf
Max Sample Width	50 mm	1.97 in
Eye End Diameter	15.85 mm	5/8 in
Weight	5 Kg	11 lb
Temperature Limits	Ambient	
Span Adjustment	10 - 400 mm	0.39 - 15.75 in
Span Support Diameter	1,4,10 mm	0.01, 0.16, 0.39 in

Ordering Information

Model	Part No.	Description
TG18	01/1511	Three Point Bend Flexural Jig - 5 kN (1124 lbf max)

