



New Style Tensile Clamps



Grip Reference 157-004



Grip Reference 157-005



Grip Reference 121-013

Description: Light duty scissor action grip. Self-tightening and self aligning grips that use two knurled rollers. The grip is particularly efficient for testing flexible dumbbell specimens. The centerline of the specimen remains constant in relation to the test machine, irrespective of the specimen thickness.

Used On: Benchtop materials testing machines

Applications: Polystyrene, rubber, foil, and other flexible polymers.

Specifications:

Max Capacity	2kN / 440 lbf
Min. Loadcell	25N / 5lbf
Jaw Face:	Diamond knurl
Max Specimen Width:	25mm / 1 in
Max. Sample Thickness:	10mm / 0.4in
Length Each:	130mm/5.1in
Weight Each:	0.47kg/1lb
Temperature Limits	-70 to 150 °C

Description: Medium duty scissor action grip. Self-tightening and self aligning grips that use two cross cut faces. The grip is particularly efficient for testing flexible dumbbell specimens. The centerline of the specimen remains constant in relation to the test machine, irrespective of the specimen thickness.

Used On: Benchtop materials testing machines

Applications: Polystyrene, rubber, composites, sintered materials, medical tablets, and components.

Specifications:

Max Capacity	5kN/1,000 lbf
Min. Loadcell	250N / 50lbf
Jaw Face:	Diamond cut
Max Specimen Width:	50mm / 2 in
Max. Sample Thickness:	15mm / 0.6in
Length Each:	205mm/8.1in
Weight Each:	2.65kg/5.8lb
Temperature Limits	-70 to 150 °C

Description: Light filament grip. Fitted with rubber faced jaws and spring loaded to retain the specimen prior to applying final gripping pressure via a knurled thumb wheel.

Used On: Benchtop materials testing machines

Applications: Elastic and nylon filaments, yarns and threads.

Specifications:

Max Capacity	100N / 22 lbf
Min. Loadcell	5N / 1lbf
Jaw Face:	Rubber
Max Specimen Width:	10mm / 0.4in
Max. Sample Thickness	1.5mm / 0.06 in
Length Each:	75mm/2.95in
Weight Each:	0.14kg/0.3lb
Temperature Limits	-10 to 50 °C



Grip Reference 121-003

Description: Light duty clamps with a hinged front specimen clamping plate for easy loading and unloading of test specimens. Gripping pressure is applied via a screw action. Jaw faces are rubber.

Used On: Benchtop materials testing machines

Applications: Sheet materials, paper, plastic films, medical and packaging components.

Specifications:

Max Capacity	2kN / 440 lbf
Min. Loadcell	50N / 10lbf
Jaw Face:	Rubber
Max Specimen Width:	60mm / 2.4in
Max. Sample Thickness	3mm / 0.1 in
Length Each:	63mm/2.5in
Weight Each:	0.55kg/1.2lb
Temperature Limits	-10 to 50 °C



Grip Reference 121-014

Description: Medium duty clamps with a hinged front specimen clamping plate for easy loading and unloading of test specimens. Gripping pressure is applied via a screw action. Jaw faces are rubber.

Used On: Benchtop materials testing machines

Applications: Sheet materials, paper, plastic films, medical and packaging components.

Specifications:

Max Capacity	5kN/1,000 lbf
Min. Loadcell	250N / 50lbf
Jaw Face:	Rubber
Max Specimen Width:	80mm / 3.2in
Max. Sample Thickness	10mm /0.4 in
Length Each:	105mm/4.1in
Weight Each:	2.7kg/5.9lb
Temperature Limits	-10 to 50 °C

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