



Roller Style Tensile Grips



Grip Reference HT53



Grip Reference HT37



Grip Reference HT35

Description: Self tightening miniature knurled roller grips. Versatile and quick loading, suitable for flat dumbbell shaped specimens. The pivot position of the eccentric roller is set to give maximum gripping efficiency.

Used On: Benchtop materials testing machines

Applications: Sheet materials, rubber, and polymers

Specifications:

Max. Capacity	1 kN/200 lbf
Min Loadcell	20 N/4 lbf
Max Specimen Width	12 mm/0.5 in
Max Specimen Thickness	3 mm/0.1 in
Length Each	70 mm/2.75 in
Weight Each	200 g/0.4 lb
Temperature Limits	-30 to 70 °C

Description: Self clamping bollard grip. Test specimen is clamped around a 12mm (1/2 inch) diameter bollard against a rubber coated backing plate to eliminate stress concentration. By gripping in this fashion, the maximum surface of the specimen's gauge length is exposed, making this an ideal grip for use with contacting and non-contacting extensometers.

Used On: Benchtop materials testing machines

Applications: Suitable for thin flexible materials such as latex, vulcanized rubber, plastic film, and paper

Specifications:

Max. Capacity	1.5 kN/300 lbf
Min Loadcell	25 N/5 lbf
Max Specimen Width	50 mm/2 in
Max Specimen Thickness	5 mm/0.2 in
Length Each	70 mm/2.75 in
Weight Each	350 g/0.75 lb
Temperature Limits	-30 to 70 °C

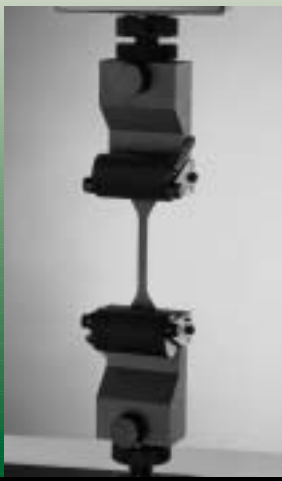
Description: Self tightening knurled roller grips. Versatile and quick loading, suitable for flat dumbbell shaped specimens. The eccentric knurled roller and serrated back plate provide efficient gripping on the smoothest specimen surface.

Used On: Benchtop materials testing machines

Applications: Sheet materials, rubber, and polymers

Specifications:

Max. Capacity	2 kN/400 lbf
Min Loadcell	50 N/10 lbf
Max Specimen Width	25 mm/1 in
Max Specimen Thickness	5 mm/0.2 in
Length Each	80 mm/3.15 in
Weight Each	250 g/0.5 lb
Temperature Limits	-30 to 70 °C



Grip Reference HT36



Grip Reference HT38



Grip Reference HT52

Description: Self tightening knurled roller grips. Versatile and quick loading, suitable for flat dumbbell shaped specimens. The eccentric knurled roller and serrated back plate provide efficient gripping on the smoothest specimen surface.

Use On: Benchtop materials testing machines

Applications: Sheet materials, rubber, and polymers

Specifications:

Max. Capacity	2 kN/400 lbf
Min Loadcell	50 N/10 lbf
Max Specimen Width	50 mm/2 in
Max Specimen Thickness	5 mm/0.2 in
Length Each	80 mm/3.15 in
Weight Each	420 g/1 lb
Temperature Limits	-30 to 70 °C

Description: Designed for testing fabric, webbing, strapping, and similar materials. The specimen is wrapped around the 2" (50 mm) diameter smooth spools with its end securely held between the serrated faces of the split spools.

Used On: LoCaps, benchtop testers, Super L hydraulic testers machines and Electomatic materials testing machines with closed crossheads

Applications: Fabric, webbing, strapping, and other similar flexible flat material

Specifications:

Maximum Capacity	11kN/5,000 lbf
Max. Width	23mm/0.9 in
Max. Thickness	7.6 mm/0.3 in
Length Each	40 mm/1.6 in
Weight Each1	50 g/0.33 lb
Temperature Limits	-30 to 70 °C

Description: High force, self tightening, knurled roller grips. Quick and easy to load, suitable for flat dumbbell and parallel shaped specimens. The eccentric knurled roller and serrated back plate provide a robust gripping surface to hold specimens that are prone to reduction in thickness during the test.

Used On: Benchtop materials testing machines

Applications: Sheet materials, rubber, polymers, and flat electrical or medical components

Specifications:

Max. Capacity	3 kN/600 lbf
Min Loadcell	100 N/20 lbf
Max Specimen Width	75 mm/3 in
Max Specimen Thickness	5 mm/0.2 in
Length Each	90 mm/3.5 in
Weight Each	1 kg/2.2 lb
Temperature Limits	-30 to 70 °C

High and low temperature options available for use in temperature chambers.
Specifications subject to change without notice.

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