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

Used On: Benchtop materials testing machines

Applications: Elastic and nylon filaments, threads and yarns

Specifications:
- Max. Capacity: 1.5 kN/300 lbf
- Min Loadcell: 50 N/10 lbf
- Max Specimen Width: 5 mm/0.2 in
- Max Specimen Thickness: 2.5 mm/0.1 in
- Length Each: 80 mm/3.15 in
- Weight Each: 170 g/0.37 lb
- Temperature Limits: -30 to 70 °C

Description: Single bollard grip. The free end of the test specimen is held in a vise clamp. The specimen is then wrapped around a single friction bollard; this friction bollard reduces the concentration of stress at the clamping point and prevents premature breakage of the specimen.

Used On: Benchtop materials testing machines

Applications: Yarn, threads, wool, cables, fishing line

Specifications:
- Max. Capacity: 2 kN/400 lbf
- Min Loadcell: 50 N/10 lbf
- Max Specimen Diameter: 5 mm/0.2 in
- Length Each: 70 mm/2.75 in
- Weight Each: 350 g/0.77 lb
- Temperature Limits: -30 to 70 °C

Description: Soft wire grip. The clamping force on the wire is exerted between two aluminum discs.

Used On: Benchtop materials testing machines

Applications: Fine ductile wire

Specifications:
- Max. Capacity: 2 kN/400 lbf
- Min Loadcell: 20 N/4 lbf
- Max Specimen Diameter: 1.5 mm/0.06 in
- Length Each: 80 mm/3.14 in
- Weight Each: 140 g/0.31 lb
- Temperature Limits: -30 to 70 °C
**Description:** Single bollard self-tightening grip. The specimen is wrapped around the split bollard and retained between two serrated jaw faces. The large circumference of the bollard reduces the concentration of stress within the specimen at the point of clamping thereby preventing breaks occurring between the jaw faces.

**Used On:** Benchtop materials testing machines

**Applications:** Light ropes, cords cables flexible tubing, flexible tape, fishing line

**Specifications:**
- Max. Capacity: 10 kN/2,000 lbf
- Min Loadcell: 100 N/20 lbf
- Max Specimen Width: 30 mm/1.2 in
- Max Specimen Thickness: 15 mm/0.6 in
- Length Each: 130 mm/5.1 in
- Weight Each: 1 kg/2.2 lb
- Temperature Limits: -30 to 70 °C

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

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**Description:** Double bollard grip. A vise clamp holds the free end of the specimen, the specimen is then wrapped around two bollards in a figure 8 configuration. Friction on the bollards reduces the stress at the clamp point, preventing premature failure of the specimen.

**Used On:** Benchtop materials testing machines

**Applications:** Light rope, ductile wire and cord

**Specifications:**
- Max. Capacity: 20 kN/4,000 lbf
- Min Loadcell: 50 N/10 lbf
- Max Specimen Diameter: 6 mm/0.23 in
- Length Each: 135 mm/5.3 in
- Weight Each: 850 g/1.87 lb
- Temperature Limits: -30 to 70 °C

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High and low temperature options available for use in temperature chambers.

Specifications subject to change without notice.

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**Contact Your Local Representative:**