**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 / 5 lbf
- 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 / 1 lb
- 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 / 50 lbf
- 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 / 5.8 lb
- 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 / 1 lbf
- Jaw Face: Rubber
- Max Specimen Width: 10mm / 0.4in
- Max. Sample Thickness: 15mm / 0.6in
- Length Each: 75mm / 2.95in
- Weight Each: 0.14kg / 0.3 lb
- Temperature Limits: -10 to 50 °C
Optional Level 1 — Test Navigator Basic

• A user-friendly graphic interface.
• A Wizard for creating or modifying test settings.
• Built-in recall functionality.
• An advanced HTML help system, which includes the ability to print a manual.
• An advanced database interface: SQL Server.
• A standard device interface to accept inputs from micrometers, calipers, and scales (Gageport NT receiver is required).
• Password protection for test settings.
• Free technical support.

Optional Level 2 — Test Navigator Standard

To all the features of Test Navigator Basic, we add:

• A test result creator.
• A zoom feature for zeroing in on graph sections.
• The ability to simultaneously display and print different versions of the same graph.
• The ability to simultaneously display and print different versions of the same report.
• Advanced modulus calculations.
• Multi-curve functionality.
• Exporting of test results and test curve data in ASCII delimited format.
• Instrument set-up — channel definition.
• Users can incorporate their company's logo on printouts.

Optional Level 3 — Test Navigator Plus

To all the features of Test Navigator Standard, we add:

• The ability to create results using your own formulas.
• Importing of test information (ASCII or XML formats).
• Direct query editing for recalling tests.
• Advanced device input.
• Calculation of results from a stored curve.
• Crosshead remote control via a versatile handheld controller.

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**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

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**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