### Description:
Ultra light vise grip. This grip uses an easy to operate screw action and is fitted with flat rubber coated jaw faces.

**Used On:** Benchtop materials testing machines

**Applications:** Sheet materials, paper, plastic films, and waxed paper

**Specifications:**
- Max. Capacity: 1.5 kN/300 lbf
- Min Loadcell: 50 N/10 lbf
- Max Specimen Width: 60 mm/2.3 in
- Max Specimen Thickness: 5 mm/0.2 in
- Gripping Length: 18 mm/0.7 in
- Length Each: 75 mm/3 in
- Weight Each: 380 g/0.83 lb
- Temperature Limits: -30 to 70 °C

### Description:
General purpose side loading vice clamp with 25 x 25 mm (1 x 1 in) rubber faced jaws. The open face design allows easy loading of thin non rigid specimens.

**Used On:** Benchtop materials testing machines

**Applications:** Flexible sheet materials, paper, film, and polymers

**Specifications:**
- Max. Capacity: 1.5 kN/300 lbf
- Min Loadcell: 50 N/10 lbf
- Max Specimen Width: 25 mm/1 in
- Max Specimen Thickness: 2.5 mm/0.1 in
- Gripping length: 25 mm/1 in
- Length Each: 75 mm/3 in
- Weight Each: 240 g/0.5 lb
- Temperature Limits: -30 to 70 °C

### Description:
Ultra light vise grip with a hinged front specimen clamping plate for easy loading and unloading of the test specimen. Vise gripping pressure is applied via a screw action. The vise jaws are rubber coated.

**Used On:** Benchtop materials testing machines

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

**Specifications:**
- Max. Capacity: 1.5 kN/300 lbf
- Min Loadcell: 50 N/10 lbf
- Max Specimen Width: 60 mm/2.36 in
- Max Specimen Thickness: 5 mm/0.2 in
- Gripping Length: 18 mm/0.7 in
- Length Each: 75 mm/3 in
- Weight Each: 380 g/0.83 lb
- Temperature Limits: -30 to 70 °C

**Note:** A 100 mm/4 in wide version of this grip is available
**Description:** Miniature vise clamp grip, general purpose tensile grip that uses a pivot action to initially grip the specimen and a clamping screw to tighten the vise. Rubber faced jaws prevent specimen slippage. The design of the grip allows easy and accurate setting of the distance between jaws.

**Used On:** Benchtop materials testing machines

**Applications:** Thin ductile wire, yarn, and wool

**Specifications:**
- Max. Capacity: 2 kN/400 lbf
- Min Loadcell: 20 N/4 lbf
- Max Specimen Width: 10 mm/0.4 in
- Max Specimen Thickness: 2 mm/0.08 in
- Length Each: 80 mm/3.15 in
- Weight Each: 100 g/0.22 lb
- Temperature Limits: -30 to 70 °C

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**Description:** Medium duty vise grip where gripping pressure is exerted on the specimen via a large handwheel. A variety of gripping jaws and faces are available and must be ordered separately; these include corrugated (corrugations are graduated from the back of the jaw to minimize jaw breaks at the point where the specimen enters the jaw) serrated, plain steel, rubber faced and “grab” jaws. For grab test, specify back fixed jaw as either 50 or 75 mm wide and the front moving jaw 25 x 25 mm.

**Used On:** Benchtop materials testing machines

**Applications:** Paper, plastic film, woven and non-woven textiles

**Specifications:**
- Max. Capacity: 10 kN/2,000 lbf
- Min Loadcell: 100 N/20 lbf
- Max Specimen Width: 80 mm/3.15 in
- Max Specimen Thickness: 4 mm/0.15 in
- Gripping Length: 50 mm/2 in
- Length Each: 100 mm/4 in
- Weight Each: 1 kg/2.2 lb
- Temperature Limits: -30 to 70 °C

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**Description:** Heavy duty vise grip. Considerable gripping pressure can be exerted on via a large handwheel. A variety of jaws and faces are available for order separately; these include corrugated (corrugations are graduated from back of jaw to minimize jaw breaks at the point where specimen enters jaw), serrated, plain steel, rubber faced, and “grab” jaws. For grab test, specify back fixed jaw as either 50 or 75 mm wide and the front moving jaw 25 x 25 mm.

**Used On:** Benchtop materials testing machines

**Applications:** Flexible sheet materials including non-wovens, textiles, plastic film, foam and insulating materials

**Specifications:**
- Max. Capacity: 20 kN/4,000 lbf
- Min Loadcell: 500 N/100 lbf
- Max Specimen Width: 100 mm/4 in
- Max Specimen Thickness: 10 mm/0.4 in
- Gripping Length: 50 mm/2 in
- Length Each: 150 mm/6 in
- Weight Each: 2.8 kg/6 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.