

# GRIPS

## Vise Style Tensile Grips

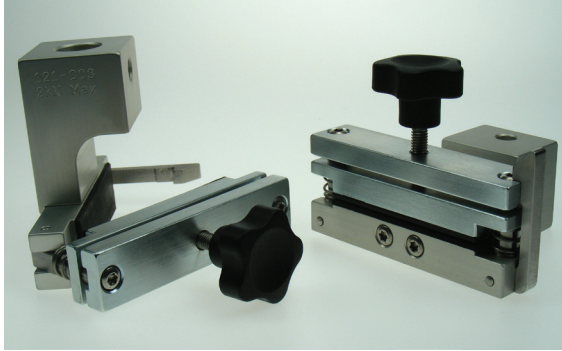


### LIGHT DUTY CLAMPS, 2kN

**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**

- Maximum capacity: 2kN/440lbf
- Minimum load cell: 50N/10lbf
- Jaw face: Rubber
- Maximum specimen width: 60mm/2.4in
- Maximum sample thickness: 3mm/0.1in
- Length each: 63mm/2.5in
- Weight each: 0.55kg/1.2lb
- Temperature limits: -10-50°C

**Specifications**

- Maximum capacity: 5kN/1,000lbf
- Minimum load cell: 250N/50lbf
- Jaw face: Rubber
- Maximum specimen width: 80mm/3.2in
- Maximum sample thickness: 10mm /0.4in
- Length each: 105mm/4.1in
- Weight each: 2.7kg/5.9lb
- Temperature limits: -10-50°C

### MEDIUM DUTY CLAMPS, 5kN

**Description:**

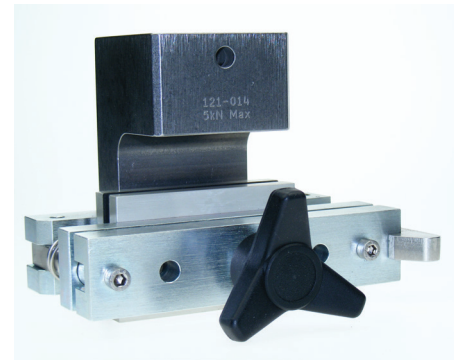
Medium duty clamps with a hinged front specimen clamping plate for easy loading and unloading of test specimens. Gripping pressure is applied via a screw action. Jaw faces are rubber.

**Used on:**

Benchtop materials testing machines.

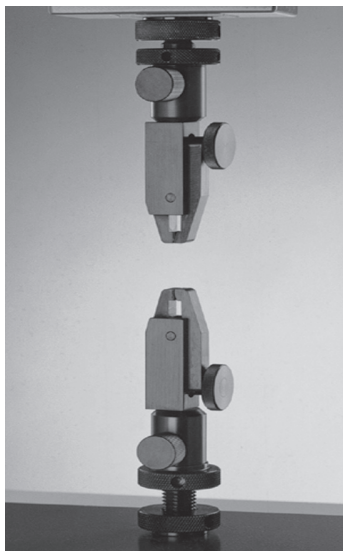
**Applications:**

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



## GRIPS

## Vise Style Tensile Grips



### MINIATURE VISE CLAMP GRIP, 2kN

**Description:**

Miniature vise clamp grip – general purpose tensile grip that uses a pivot action to initially grip the sample and a clamping screw to tighten the vise. Rubber faced jaws prevent sample slippage. The design of the grip allows easy and accurate setting of the distance between jaws.

**Used on:**

ST Series materials testing machines.

**Applications:**

Fibre optics, yarn and wool.

**Specifications**

- Maximum capacity: 2kN/400lbf
- Minimum load cell: 20N/4lbf
- Maximum sample width: 10mm/0.4in
- Maximum sample thickness: 2mm/0.08in
- Length each: 80mm/3.15in
- Weight each: 100g/0.22lb
- Temperature limits: -70-200°C

**Specifications**

- Maximum capacity: 1.5kN/300lbf
- Minimum load cell: 50N/10lbf
- Maximum sample width: 25mm/1in
- Maximum sample thickness: 2.5mm/0.1in
- Gripping length: 25mm/1in
- Length each: 75mm/3in
- Weight each: 240g/0.5lb
- Temperature limits: -70-200°C

### SIDE-LOADING VISE CLAMP, 1.5kN

**Description:**

General purpose side-loading vise clamp with 25 x 25mm (1 x 1in) rubber faced jaws. The open face design allows easy loading of thin non-rigid samples.

**Used on:**

ST Series materials testing machines.

**Applications:**

Flexible sheet materials, paper, film and polymers.

