

GRIPS

Tensile Vice Grips



LIGHT DUTY SCISSOR ACTION GRIP, 2kN

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 centreline 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

- Maximum capacity: 2kN/440lbf
- Minimum load cell: 25N/5lbf
- Jaw face: Diamond knurl
- Maximum specimen width: 25mm/1in
- Maximum sample thickness: 10mm/0.4in
- Length each: 130mm/5.1in
- Weight each: 0.47kg/1lb
- Temperature limits: -70-150°C

Specifications

- Maximum capacity: 5kN/1,000lbf
- Minimum load cell: 250N/50lbf
- Jaw face: Diamond cut
- Maximum specimen width: 50mm/2in
- Maximum sample thickness: 15mm/0.6in
- Length each: 205mm/8.1in
- Weight each: 2.65kg/5.8lb
- Temperature limits: -70-150°C

MEDIUM DUTY SCISSOR ACTION GRIP, 5kN

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 centreline of the specimen remains constant in relation to the test machine, irrespective of the specimen thickness.

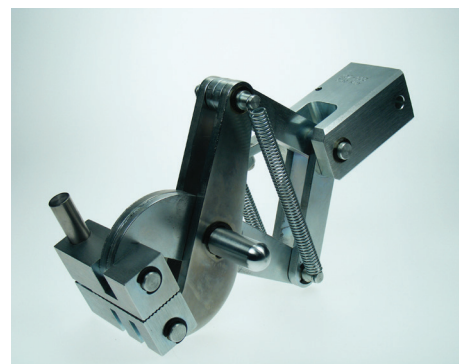
Used on:

Benchtop materials testing machines.

Applications:

Polystyrene, rubber, composites,

sintered materials, medical tablets and components.



LIGHT FILAMENT GRIP, 100N

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

- Maximum capacity: 100N/22lbf
- Minimum load cell: 5N/1lbf
- Jaw face: Rubber
- Maximum specimen width: 10mm/0.4in
- Maximum sample thickness: 1.5mm/0.06in
- Length each: 75mm/2.95in
- Weight each: 0.14kg/0.3lb
- Temperature limits: -10-50°C