

# WEDGE ACTION GRIPS



**SPECIFICATION**  
SS-FM-3409-0101  
January 2001

**INTERNET**  
[www.force-gauge.net](http://www.force-gauge.net)

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## TG15: Sliding Wedge, Self Tightening Grip

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### Description

General purpose sliding wedge, self tightening grips supplied with straight cut faces as standard. Two additional face options are available.

### Specification

Maximum Capacity	5kN
Minimum Load Cell	100N
Gripping Length	50mm
Maximum Sample Width	25mm
Maximum Sample Thickness	10mm
Eye End Diameter	15.85mm (5/8")
Weight Each	1.5Kg
Length Each	125mm
Temperature Limits	-70°C +200°C

### Applications

Tensile testing of flat or round rigid materials, plastics, light metals etc.. by stretching a sample to break and recording the relationship between force and extension.



## GF-9: Universal Self-Tightening Wedge Grip

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### Description

Spring-action lever allows quick installation and release of specimen. Standard Jaw faces are hardened tool steel with serrated clamping surface. Smooth clamping surfaces are also available (specify when ordering). Both grips have swivel mounting to assure top-to-bottom alignment.

### Specification

Maximum Capacity	2.5 kN	500 lbf
Distance Between Faces	6 mm	1/4 in
Face Width	25 mm	1 in
Gripping Length	38 mm	1-1/2 in
Combined Grip Length	187 mm	7-3/8 in
Upper Grip Weight	0.86 Kg	1.9 lb

## GF-11: Miniature Self-Tightening Wedge

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### Description

Spring-action lever allows quick installation and release of specimen. Jaw faces are hardened tool steel with serrated clamping surface. Provided with #10-32 female thread attachment for use with chatillon light duty gauges. Sold individually.

### Specification

Maximum Capacity	500 N	100 lbf
Opening Between Faces	2.4 mm	3/32 in
Face Width	4.8 mm	3/16 in
Gripping Length	13 mm	1/2 in
Single Grip Length	53 mm	2 1/8 in
Grip Weight	0.03 Kg	0.07 lb



## GF-21: Heavy Duty Rack & Pinion Action Wedge Grip

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### Description

Rack and pinion action allows quick installation and release of specimen. Jaw faces are hardened tool steel with serrated clamping surfaces. Faces with a serrated 'V notch' are also available for holding round specimens to 5 mm - 3/16 in diameter (specify when ordering)

### Specification

Maximum Capacity	5 kN	1.1 lbf
Opening Between Faces	5 mm	3/16 in
Face Width	25 mm	1 in
Gripping Length	50 mm	2 in
Combined Grip Length	250 mm	10 in
Grip Weight	1.8 Kg	4.0 lb

### Applications

Tensile testing of flat or round rigid materials, plastics, light metals etc.. by stretching a sample to break and recording the relationship between force and extension.



## ORDERING INFORMATION

Model	Part No.	Description
TG15	01/1388	Self Tightening Sliding Wedge Grip (5 kN 1124 lbf)
TG15/C	01/1389	Cross Cut Jaw Faces for TG15 (25 x 50mm - 1 x 2 in)
TG15/S	01/1409	Straight Cut Jaw Faces for TG15 (25 x 50mm - 1 x 2 in)
TG15/R12	01/1390	V Notch Cut Jaw Faces for TG15(4 - 12mm 0.2 - 0.5 inØ)
GF-9	Chatillon GF9	Universal Tensile Grip
GF-11	Chatillon GF11	Miniature Tensile Grip
GF-21	Chatillon GF21	Heavy Duty, Universal Tensile Grip