

A *Nidec* Group Company

SHIMPO



Adjustable Tension Grip

FG-M6ATC25U

The tension force attachment possesses large, adjustable-width teeth for securely clamping down on test specimens. The serrated grip teeth are altered to the desired opening and tightness with an adjustable handle to a maximum of 1" (25 mm) wide. Units are built to withstand tension forces up to 220 lb (100 kg).

Features

The serrated grip teeth are altered to the desired opening and tightness with an adjustable handle to a maximum of 1" (25 mm) wide. Units are built to withstand tension forces up to 220 lb (100 kg).

Specifications

| | |
|------------------|----------------------|
| Model | FG-M6ATC25U |
| Maximum Opening | 1" (25 mm) |
| Maximum Capacity | 220 lb. (100 kg) |
| Connection | M6 female connection |

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Compression Plates

FG-M6COMP50U: 50mm dia., 100lb capacity, M6 thread

FG-M6COMP100U: 100mm dia., 500lb capacity, M6 thread

FG-M10COMP50U: 50mm dia., 100lb capacity, M10 thread

FG-M10COMP100U: 100mm dia., 500lb capacity, M10 thread

50 and 100MM steel compression plates for top load testing, large sample compression or crush testing, with polished finish. 50mm & 100mm plates available in M6 or M10 threading.

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Fabric Grip

FG-FAB

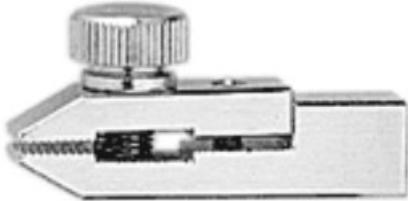
FG-M10FAB80U: 500 lb / 250 Kg / 2500 N Capacity - M10 Threading

FG-FAB80B: Test Stand Mounting - Attaches to base plate of test stand

Eccentrically mounted, serrated roller grip allow for self-tightening of specimens up to 3" (76.20 mm) wide and .25" (6.4 mm) thick.

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Fine Point Grip

Perfect for testing fine and medium gauge wire, ribbon, tape and paper. Two jaw widths and load capacities are available, both can handle material thickness up to .04" (1 mm).

Ranges

| Model | Width | Capacity |
|-----------|-------------|-------------|
| FG-M6FPG3 | 0.12" (3mm) | 30lb (15kg) |
| FG-M6FPG8 | 0.31" (8mm) | 60lb (30kg) |

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Flat Chuck Tensile Grip

Capacity: 100 lb / 50 Kg / 500 N

Each serrated gripping face is .79" (20 mm) square and can accept samples up to .79" (20 mm) thick.

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Heavy-Duty Tensile Grip

Capacity: 187 lb / 85 Kg / 850 N

Manually tightened jaw faces can accept samples 1.25" (31.75 mm) wide and .25" (6.35 mm) thick. Contact faces are serrated hardened tool steel.

Sold as single grips, not as pair as shown in the picture.

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Heavy Duty Wedge Grip

FG-HWDG

The Heavy Duty Wedge Grip provides high-capacity tensile testing for materials with strengths up to 1124 lb (500 kg) capacities.

Features

- The wedge grips serrated jaws have a maximum opening allowing items to be tested up to approximately 0.2" (5 mm) thick.

Specifications

| Model | FG-HWDG5B | FG-M10HWDG5U |
|--------------|------------------|------------------|
| Max Opening | 0.02" (5 mm) | 0.02" (5 mm) |
| Max Capacity | 1124 lb (500 kg) | 1124 lb (500 kg) |

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Peel Test Grip

FG-M6PTG2U

The Peel Test Grip possesses wide, serrated teeth for securely clamping down on test specimens such as films, tapes, labels or similar materials used in adhesive peel tests. Adjustment screw conveniently opens and closes the serrated teeth for quick test change out. Units are built to withstand tension forces up to 112 lb (50 kg).

Features

- Tension forces up to 112 lb (50 kg)
- Serrated teeth for securely clamping down on test specimens
- Adjustment screw

Specifications

| | |
|------------------|----------------------|
| Model | FG-M6PTG2U |
| Maximum Opening | 0.08" (2 mm) |
| Maximum Capacity | 112 lb. (50 kg) |
| Width | 2.36" (60 mm) |
| Connection | M6 female connection |

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Pincer Wedge Grip

FG-PWDG15U

The Pincer Wedge Grip is a dynamic force gauge attachment that allows the user to easily attach items to its serrated jaw opening via its adjustable, retractable legs.

Features

- Designed to allow thicker materials up to approximately 0.6" (15 mm) thick to be tested, larger than other style tensile grips. These pincer grips can withstand tensile loads up to 112 lb. (50 kg).

Specifications

| | |
|-------------------|---------------|
| Model | FG-M6PWDG15U |
| Max Opening Width | 0.6" (15 mm) |
| Max. Capacity | 112 LB (50KG) |

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Quick Release Film Grip

FG-M6FLMQR20U

The Quick Release Film Grip is perfect for those with repetitive test requirements. With their quick release lever, operators can quickly change out materials under test and be ready for the next test in seconds.

Features

- Each unit has a 0.8" (20 mm) wide gripping surface and can accept materials up to approximately 1/32" (2 mm) thick.

Specifications

| | |
|--------------------|---------------|
| Model | FG-M6FLMQR20U |
| Max. Opening Width | 1/32" (2 mm) |
| Max. Capacity | 45 lb (20 kg) |

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Small Pin Grip

Ideal for gripping fine wires and filaments; three ranges, see table below:

Ranges

| Model | Width | Capacity |
|------------|---------------|----------|
| FG-M6PIN05 | 0.02" (0.5mm) | 22lbs |
| FG-M6PIN1 | 0.04" (1.0mm) | 22lbs |
| FG-M6PIN2 | 0.08" (2.0mm) | 22lbs |

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Wire Clamp Fixture Grip

FG-M6WCF5U

The Wire Clamp Fixture is the ideal force gauge attachment for repetitive, tensile testing of wire and similar materials.

Features

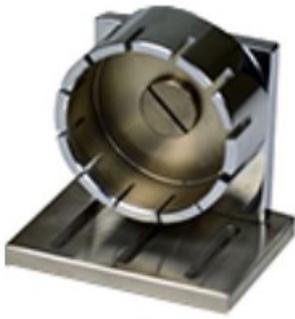
Large lever allows the quick loading and unloading of materials up to approximately 0.2" (5 mm). These wire clamps can withstand material tensile strengths up to 112 lb. (50 kg).

Specifications

| | |
|--------------|----------------|
| Model | FG-M6WCF5U |
| Max Capacity | 112 lb (50 kg) |
| Max Width | .02" (5mm) |

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Wire Terminal Pull Grip

FG-WTG4B

Capacity: 112 lb / 50 Kg

NIDEC-SHIMPO's FG-WTG4B Wire Terminal Pull Grip with rotating turret is a simple, yet versatile force test stand attachment utilized in testing the tensile strength of various size wire-terminal assemblies. Each unit possesses 12 openings of various widths enabling usage on a multitude of wire-terminal assemblies. The heavy, robust fixture provides a maximum load capacity up to 112 lb (50 kg). Its integral mounting plate possesses three slots that allow flexible alignment with NIDEC-SHIMPO Force Test Stands as well as compatibility with many common stands or custom-made test apparatus.

Specifications

Model FG-WTG4B

Turret Opening Sizes - MM 1.1, 1.4, 1.6, 2.1, 2.4, 2.6, 3.1, 3.4, 3.6, 4.1, 4.4, 4.6, 0.04, 0.05, 0.06

Turret Opening Sizes (In) 0.08, 0.09, 0.10, 0.12, 0.13, 0.14, 0.16, 0.17, 0.18

Capacity 112 LB (50kg)