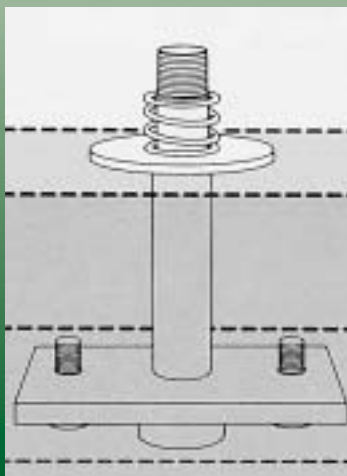




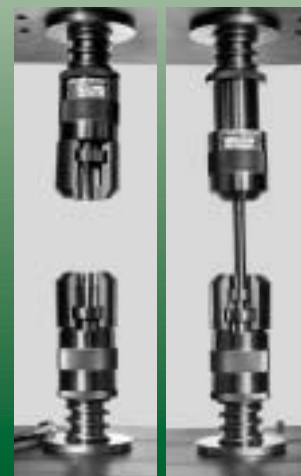
Tensile Grips



Grip Reference 67-N-27



Grip Reference 67-N-93



Grip Reference 67-N-91

Description: Used for testing standard threaded and headed specimens in accordance with ASTM E8. These holders are used in conjunction with two spherically seated plates and nuts with matching studs and are typically made for testing 0.505" diameter threaded specimens although adaptors are available to accommodate 0.357" or 0.252" diameter test bars or cast iron bars of 0.5", 0.75", or 1.25" diameter. Additionally, split adaptors for headed specimens can be supplied in various sizes and metric versions are also available for both headed and threaded holders.

Used On: LoCaps, benchtop testers, Super L hydraulic testers machines and Electomatic materials testing machines with closed crossheads

Applications: Metals and other high strength materials.

Specifications:

Maximum Force	150 kN/30,000 lbf
Length Each	40 mm/1.6 in
Weight Each	150 g/0.33 lb

Description: Unique spherically seated design of all Tinius Olsen stud mounted grips ensures positive alignment. Automatic self alignment is obtained by free movement of spherical nut in matching spherical counter-sink in mounting plate. When sample fails, shock and grip recoil is absorbed by helical spring.

Used On: LoCaps, benchtop testers, Super L hydraulic testers machines, and Electomatic materials testing machines with closed crossheads

Applications: Metals and other high strength materials

Specifications:

Length Each	40 mm/1.6 in
Weight Each	150 g/0.33 lb

Description: Used for rapid testing standard headed specimens in accordance with ASTM E8, A370, and B557. Sample is inserted into two pairs of split sockets and outer clamping ring slides down over them to lock sample in place.

Used On: LoCaps, benchtop testers, Super L hydraulic testers machines, and Electomatic materials testing machines with closed crossheads

Applications: Metals and other high strength materials

Specifications (for testing 0.505" specimens):

Maximum Force	200 kN/40,000 lbf
Length Each	40 mm/1.6 in
Weight Each	50 g/0.33 lb

Specifications (for testing 0.357" specimens):

Maximum Force	100 kN/20,000 lbf
Length Each	40 mm/1.6 in
Weight Each	150 g/0.33 lb

Specifications (for testing 0.252" specimens):

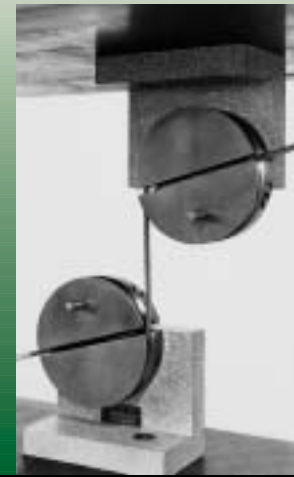
Maximum Force	50 kN/10,000 lbf
Length Each	40 mm/1.6 in
Weight Each	150 g/0.33 lb



Grip Reference 67-N-42



Grip Reference 67-N-39



Grip Reference 67-N-38

Description: Originally developed in USAF Wright Field Lab for testing parachute webbing, these Sedam grips are made in several capacities.

Used On: LoCaps, benchtop testers, Super L hydraulic testers machines and Electomatic materials testing machines with closed crossheads

Applications: Fabric, webbing, strapping and other flexible flat material

Specifications:

Maximum Capacity 11 kN/5,000 lbf
 Max. Width 23 mm/0.9 in
 Max. Thickness 7.6 mm/0.3 in
 Length Each 40 mm/1.6 in
 Weight Each 150 g/0.33 lb

Maximum Capacity 50 kN/12,000 lbf
 Max. Width 152 mm/6 in
 Max. Thickness 9.5 mm/0.375 in
 Length Each 40 mm/1.6 in
 Weight Each 150 g/0.33 lb

Maximum Capacity 150 kN/30,000 lbf
 Max. Width 23 mm/0.9 in
 Max. Thickness 7.6 mm/0.3 in
 Length Each 40 mm/1.6 in
 Weight Each 150 g/0.33 lb

Maximum Capacity 300 kN/60,000 lbf
 Max. Width 23 mm/0.9 in
 Max. Thickness 7.6 mm/0.3 in
 Length Each 40 mm/1.6 in
 Weight Each 150 g/0.33 lb

Maximum Capacity 1,000 kN/200,000 lbf
 Max. Width 23 mm/0.9 in
 Max. Thickness 7.6 mm/0.3 in
 Length Each 40 mm/1.6 in
 Weight Each 150 g/0.33 lb

High and low temperature options available for use in temperature chambers.
 Specifications subject to change without notice.

Description: Designed for testing fabric, webbing, strapping and similar materials. Sample is wrapped around 2"(50 mm) diameter smooth spools with end securely held between serrated faces of split spools.

Used On: LoCaps, benchtop testers, Super L hydraulic testers machines and Electomatic materials testing machines with closed crossheads

Applications: Fabric, webbing, strapping and other similar flexible flat material

Specifications:

Maximum Capacity	11kN/5,000 lbf
Max. Width	23 mm/0.9 in
Max. Thickness	7.6 mm/0.3 in
Length Each	40 mm/1.6 in
Weight Each	150 g/0.33 lb

Description: Designed for testing wire rope, flexible cable, rope and similar items up to 3/8" (9.5 mm) diameter. Sample is wrapped around 4.5" (114 mm) diameter grooved spools with end securely held between split spools by action of integral clamping bolts.

Used On: LoCaps, benchtop testers, Super L hydraulic testers machines and Electomatic materials testing machines with closed crossheads

Applications: Rope, wire, cable and other high strength flexible materials.

Specifications:

Maximum Capacity	66 kN/15,000 lbf
Max. Diameter	9.5 mm/0.375 in
Length Each	40 mm/1.6 in
Weight Each	150 g/0.33 lb



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