



Compression Tools



Grip Reference 67-N-45



Grip Reference 67-N-46

Description: The standard, hardened steel, circular compression plate that is quickly and easily attached to underside of lower testing machine crosshead by means of stud and thumb-screw tightened pressure plate. Each compression plate is scribed with concentric circles to simplify centering of sample.

Used On: Hydraulic testers and high force electromechanical materials testing machines

Applications: Cinder and concrete blocks

Specifications:

Max. Capacity 5 kN/1,000 lbf
Platen Diameter 150 mm/6 in
Weight Each

Max. Capacity 5 kN/1,000 lbf
Platen Diameter 225 mm/9 in
Weight Each

Max. Capacity 2,000 kN/400,000 lbf
Platen Diameter 250 mm/10 in
Weight Each

Max. Capacity 3,000 kN/600,000 lbf
Platen Diameter 300 mm/12 in
Weight Each

Description: These tools are attached to lower machine crosshead. They have a ball and socket which enable tool to assume considerable degree of angular motion and so are ideally used to compensate for nonparallel bearing surfaces on compression samples, light compression anvils, or platens. Flat machined surface with witness rings for centering test sample.

Used On: Hydraulic testers and high force electromechanical materials testing machines

Applications: Cinder and concrete blocks

Specifications:

Max. Capacity 400 kN/90,000 lbf
Platen Diameter 80 mm/3.125 in
Weight Each

Max. Capacity 1,550 kN/350,000 lbf
Platen Diameter 165 mm/6.5 in
Weight Each

Max. Capacity 3,000 kN/600,000 lbf
Platen Diameter 215 mm/8.5 in
Weight Each

Max. Capacity 5,000 kN/1,000,000 lbf
Platen Diameter 250 mm/10 in
Weight Each

Max. Capacity 6,200 kN/1,400,000 lbf
Platen Diameter 317 mm/12.5 in
Weight Each



Grip Reference 67-N-47

Description: These tools are attached to machine table. They have ball and socket that enable tool to assume considerable degree of angular motion and so are ideally used to compensate for non-parallel bearing surfaces on compression samples. Flat machined surface with witness rings for centering the test sample.

Used On: Hydraulic testers and high force electromechanical materials testing machines

Applications: Cinder and concrete blocks

Specifications:

Max. Capacity 1,000 kN/200,000 lbf
Platen Diameter 109 mm/4.25 in
Weight Each

Max. Capacity 1,550 kN/350,000 lbf
Platen Diameter 165 mm/6.5 in
Weight Each

Max. Capacity 3,000 kN/600,000 lbf
Platen Diameter 215 mm/8.5 in
Weight Each

Max. Capacity 5,000 kN/1,000,000 lbf
Platen Diameter 266 mm/10.5 in
Weight Each

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

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