

CHUCK GRIPS



SPECIFICATION
SS-FM-3401-0101
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INTERNET
www.ametek.com
www.chatillon.com
www.loyd-instruments.co.uk

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GF-51 Small Cylindrical Samples (4.0 mm, 0.16 in Ø)

Description

The model GF-51 grip is a single stainless steel jacob's chuck which securely holds samples during tension or compression testing. Includes a #10-32 male stud for mounting. The model GF-51 does not come in pairs.

Specification

Maximum Capacity	100 N	20 lbf
Maximum Specimen	4.0 mm Ø	0.16 in Ø
Single Grip Length	32 mm	1.25 in
Weight Each	0.11 Kg	0.24 lb

GF-52: Small Cylindrical Samples (6.0 mm, 0.25 in Ø)

Description

The model GF-52 grip is a single stainless steel jacob's chuck which securely holds samples during tension or compression testing. Includes a #10-32 male stud for mounting. The model GF-51 does not come in pairs.

Specification

Maximum Capacity	100 N	20 lbf
Maximum Specimen	6.0 mm Ø	0.25 in Ø
Single Grip Length	32 mm	1.25 in
Weight Each	0.11 Kg	0.24 lb

Applications (GF-51 & GF-52)

Straining small cylindrical samples, generally to fracture, and recording the relationship between force and extension to determine one or more of the following mechanical properties:

Elongation	Stress
Percentage Elongation	Tensile Strength
Extension	Yield Stress
Percentage yield point extension	Proof Stress
Maximum force	Young's Modulus of Elasticity



ORDERING INFORMATION

Model	Part No.	Description
GF-51	Chatillon GF51	Drill Chuck Pin Vice 4 mm 0.16 in
GF-52	Chatillon GF52	Drill Chuck Pin Vice 4 mm 0.16 in



TEST AND CALIBRATION INSTRUMENTS

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Manufacturer