

PNEUMATIC GRIPS



SPECIFICATION
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INTERNET
www.force-gauge.net

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TG412/H: 5 kN (1124 lbf) Pneumatic Vice Grips

Description

Air operated vice grips available in two forms. TG412/H is operated using a hand switch, while TG412F uses a foot pedal. Both are supplied with plain metal faces as standard, but additional jaw faces are available as listed below.

Specification

Maximum Capacity	5kN	1124 lbf
Minimum Load Cell	100N	22.5 lbf
Standard Jaw Face	30 x 38mm wide	1.2 x 1.5 in
Maximum Sample Thickness	6mm	0.24 in
Eye End Diameter	15.85mm	0.62 in
Weight Each	1.8Kg	3.97 lb
Length Each	175mm	6.89 in
Temperature Limits	0°C +35°C	32°F + 95°F

Applications

General purpose grips for tensile testing of rubber, plastics, textiles etc.. where self tightening is required.



TG420/F: 500N (112 lbf) Pneumatic Vice Grips

Description

Pneumatically operated vice grips TG420/F are operated using a foot pedal. TG420/H are hand operated. Both are supplied with plain metal 25mm wide x 25mm faces as standard, but a series of interchangeable jaw faces are available as listed below.

Specification

Maximum Capacity	500N	112.4 lbf
Minimum Load Cell	50N	11.24 lbf
Standard Jaw Face	25 x 25mm	0.98 x 0.98 in
Maximum Sample Thickness	6mm	0.24 in
Eye End Diameter	15.85mm	0.62 in
Weight Each	0.6Kg	1.32 in
Length Each	85mm	3.35 in
Temperature Limits	0°C +35°C	32°F + 95°F

Applications

General purpose grips for tensile testing of flat, ductile and rigid materials eg: rubber, plastics, textiles, etc.. where self tightening is required.

ORDERING INFORMATION

Model	Part No.	Description
TG420/F	01/1437	Foot Switch Operated 500N (112 lbf) Pneumatic Vice Grips
TG420/H	01/1452	Hand Switch Operated 500N (112 lbf) Pneumatic Vice Grips
TG420/C1	01/1440	Cross Cut Jaw Faces, 25mm x 25mm (1.0 x 1.0 in)
TG420/C4	01/1566	Cross Cut Jaw Faces 50mm x 50mm (2.0 x 2.0 in)
TG420/P1	01/1438	Plain Jaw Faces 25mm x 25mm (1.0 x 1.0 in)
TG420/P4	01/1559	Plain Jaw Faces, 50mm x 50mm (2.0 x 2.0 in)
TG420/R1	01/1439	Rubber Jaw Faces, 25mm x 25mm (1.0 x 1.0 in)
TG420/R2	01/1521	Rubber Jaw Faces, 25mm x 50mm (1.0 x 2.0 in)
TG420/R4	01/1558	Rubber Jaw Faces, 50mm x 50mm (2.0 x 2.0 in)
TG412/F	01/2296	Foot Switch Operated 5 kN (1124 lbf) Pneumatic Vice Grips
TG412/H	01/2295	Hand Switch Operated 5 kN (1124 lbf) Pneumatic Vice Grips
TG412/C3	01/2333	Cross Cut Faces, 38mm x 30mm (1.5 x 1.2 in) horizontal
TG412/C4	01/2327	Cross Cut Jaw Faces, 50mm x 50mm (2.0 x 2.0 in)
TG412/P1	01/2330	Plain Jaw Faces, 25mm x 25mm (1.0 x 1.0 in)
TG412/P2	01/2326	Plain Jaw Faces, 25mm x 50mm (1.0 x 2.0 in) horizontal
TG412/P3	01/2331	Plain Jaw Faces, 38mm x 30mm (1.5 x 1.2 in) horizontal
TG412/P4	01/2329	Plain Jaw Faces, 50mm x 50mm (2.0 x 2.0 in)
TG412/R1	01/2489	Rubber Jaw Faces, 25mm x 25mm (1.0 x 1.0 in)
TG412/R2	01/2325	Rubber Jaw Faces, 25mm x 50mm (1.0 x 2.0 in) horizontal
TG412/R3	01/2332	Rubber Jaw Faces, 38mm x 30mm (1.5 x 1.2 in)
TG412/R4	01/2328	Rubber Jaw Faces, 50mm x 50mm (2.0 x 2.0 in)



TEST AND CALIBRATION INSTRUMENTS