

Pneumatic Air Tensile Grips Family

Ordering Notes -- G56G Pneumatic Grips are ordered as a single grip body. Jaws (1 set = 2 jaws for one grip body) need to be ordered separately. Jaws with other dimensions and surface coatings on request. Also same version mechanical vise grips are also available (see G56G-5-15).

Model	G56GP-1.3-15	G56G2P-1.3-15
Cylinders	One	Two
Clamping force	2.6 kN (600 lb)	2.6 kN (600 lb)
Temperature range*	0°C to +70°C *	0°C to +70°C *
Min. specimen length	85 mm	120 mm
Max. specimen width	50 mm	50 mm
Body	Aluminium	Aluminium
Pneumatic connection	M5	M5
Weight	1.34kg	1.71kg

* Other temperature ranges optional

J56G Jaws

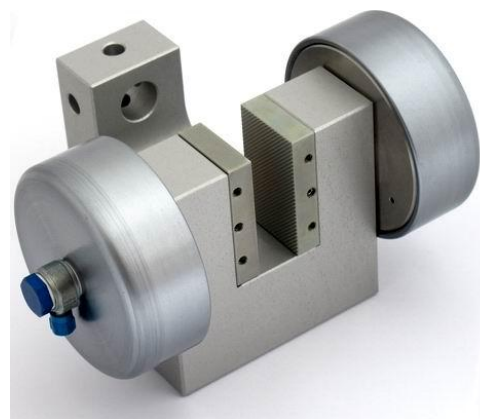
Model	Clamping surface	Opening	Weight per pair
J56GB	Blank / Smooth jaws	0 – 15mm	0.22kg
J56GBG	Rubber jaws	0 – 13mm	0.22kg
J56GBP	Pyramid / Serrated jaws	0 – 15mm	0.21kg
J56GBV2	V-jaws (for round samples)	Ø 2 – 15 mm	0.22kg
J56GBV5	V-jaws (for round samples)	Ø 5 – 11 mm	0.26kg
J56GBW	Wave / Corrugated jaws	0 – 15mm	0.20kg
J56GBD	Diamond jaws	0 – 15mm	0.22kg

J56GE Inset jaws Quick change system Inset jaws require carriers (J56G-GT)

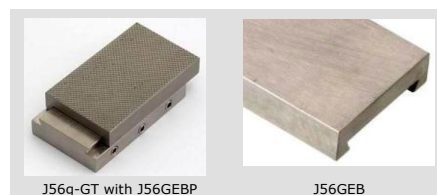
Model No.	Clamping surface	Opening	Weight per pair
J56g-GT	Carrier	-	0.18kg
J56gEB	Blank inset jaws	0 – 5mm	0.14kg
J56gEBG	Rubber inset jaws	0 – 3mm	0.14kg
J56gEBP	Pyramid inset jaws	0 – 5mm	0.13kg
J56gEBD	Diamond inset jaws	0 – 5mm	0.14kg



G56GP-1.3-15

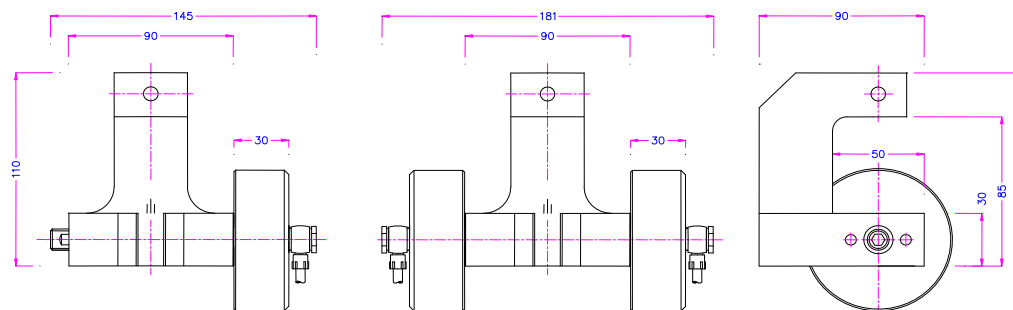


G56G2P-1.3-15



J56g-GT with J56GEBP

J56GEB



Model	G56GP-1.3-43	G56G2P-1.3-43
Cylinders	One	Two
Clamping force	2.6 kN (600 lb)	2.6 kN (600 lb)
Temperature range*	0°C to +70°C *	0°C to +70°C *
Min. specimen length	85 mm	120 mm
Max. specimen width	50 mm	50 mm
Body	Aluminium	Aluminium
Pneumatic connection	M5	M5
Weight	1.86kg	2.24kg

* Other temperature ranges on request

J56G Jaws for G56GP-1.3-43 & G56G2P-1.3-43

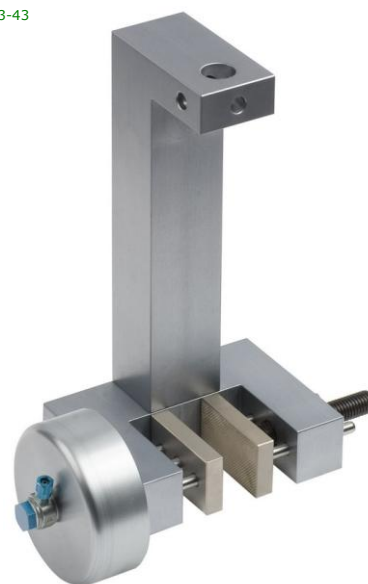
Model No.	Surface	Opening**	Weight per pair
J56GB	Blank jaws	0 – 44mm	0.22kg
J56GBG	Rubber jaws	0 – 42mm	0.22kg
J56GBP	Pyramid jaws	0 – 44mm	0.21kg
J56GBV2	V-jaws	Ø 2 – 41 mm	0.22kg
J56GBV5	V-jaws	Ø 5 – 41 mm	0.26kg
J56GBW	Wave jaws	0 – 44mm	0.20kg
J56GBD	Diamond jaws	0 – 44mm	0.22kg

Inset jaws for G56GP-1.3-43 & G56G2P-1.3-43: Quick change system
Inset jaws require carriers (J56G-GT)

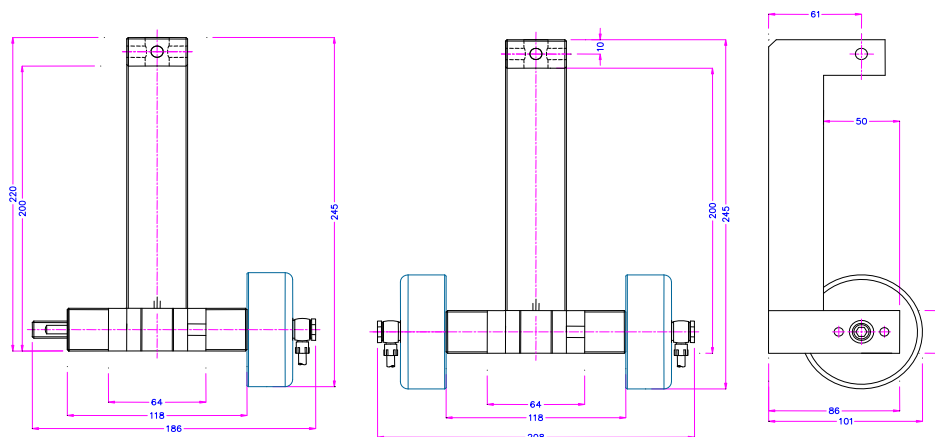
Model No.	Surface	Opening**	Weight per pair
J56GGT	Carrier	–	0.18kg
J56GEB	Blank inset jaws	0 – 34mm	0.14kg
J56GEBG	Rubber inset jaws	0 – 32mm	0.14kg
J56GEBP	Pyramid inset jaws	0 – 34mm	0.13kg
J56GEBD	Diamond inset jaws	0 – 34mm	0.14kg

** The pneumatic pistons of G56GP-1.3-43 & G56G2P-1.3-43 are adjustable and so the opening width can be adjusted from 0 to 44mm (depending on the type of jaws used).

G56GP-1.3-43



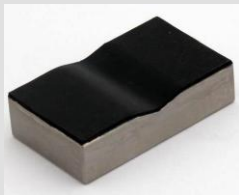
G56G2P-1.3-43



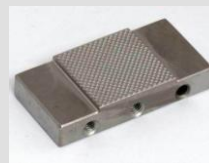
Examples grip accessories and special solutions



J56G-EI
Optional: G56G with quick release lever



J56GBVG
Rubber coated V-jaws



J56GBP25x25
Clamping surface 25x25mm

Jaws surfaces



J56GB
Steel blank (smooth)
without coating



J56GBG
Rubber coating
(NBR)



J56GBP
Pyramids 1,2x45°,
hardened steel



J56GBV
Tooth pitch 1.2 mm,
hardened steel



J56GBW
Wave 5mm,
hardened steel



J56GBD
Diamond coating
(synthetic)

Accessories:



G205-2

2 pneumatic foot switches, tubes and fittings

With locking function: The jaws of the grip open by pressing the foot pedal and remain open after removing the foot from the pedal. The jaws close by pressing the pedal one more time.
Scope of delivery: 1 pair of foot switches including tubes and fittings



G205H

1 set of 2 pneumatic hand switches, tubes and fittings

With locking function: Handle with 2 positions. The jaws of the grip close by pulling the handle and remain closed. The jaws open by pushing the handle back.
Scope of delivery: 1 set of hand switches including tubes and fittings