

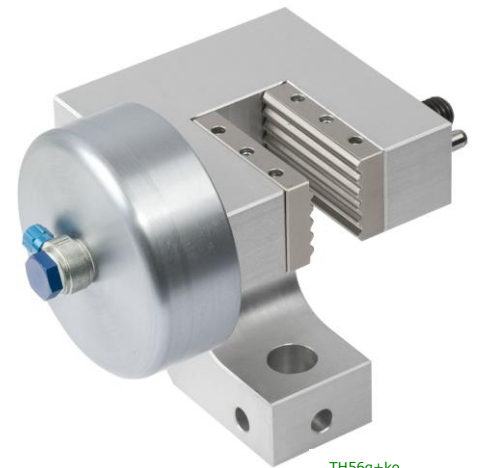
Pneumatic grips

TH56g+Ko TH56g+2Ko TH56g-H200+Ko TH56g-H200+2Ko

Ordering information

TH56g are supplied in pairs but can also be ordered as single grip (0.5 pair). Grips and jaws (1 set = 4 jaws) need to be ordered separately.

Jaws with other dimensions and surface coatings on request. Also as non pneumatic vise grip available ([item number TH56g](#)).



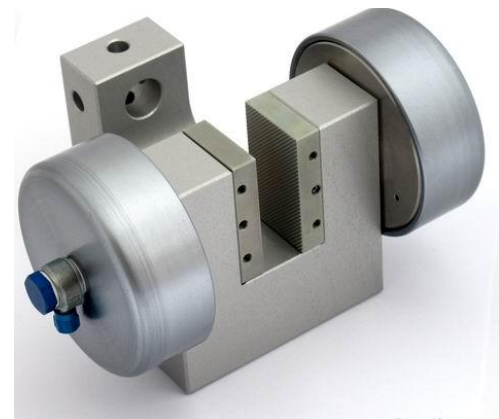
TH56g+ko

Item No.	TH56g+Ko (1 pneumatic piston)	TH56g+2Ko (2 pneumatic pistons)
Clamping force	2.6 kN	2.6 kN
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	Aluminum	Aluminum
Pneumatic connection	M5	M5
Weight per grip without jaws	1.5 kg	1.85 kg

*other temperature ranges on request

Jaws for TH56g+Ko:

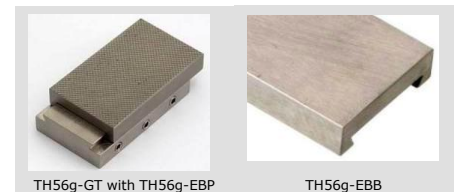
Item No.	Clamping surface	Opening	Weight per pair
TH56g-B	Blank jaws	0 – 15 mm	0.22 kg
TH56g-BG	Rubber jaws	0 – 13 mm	0.22 kg
TH56g-BP	Pyramid jaws	0 – 15 mm	0.21 kg
TH56g-BV2	V-jaws	Ø 2 – 15 mm	0.22 kg
TH56g-BV5	V-jaws	Ø 5 – 11 mm	0.26 kg
TH56g-BW	Wave jaws	0 – 15 mm	0.20 kg
TH56g-BD	Diamond jaws	0 – 15 mm	0.22 kg



TH56g+2ko

Inset jaws for TH56g+Ko: Quick change system
Inset jaws require carriers (TH56k-GT)

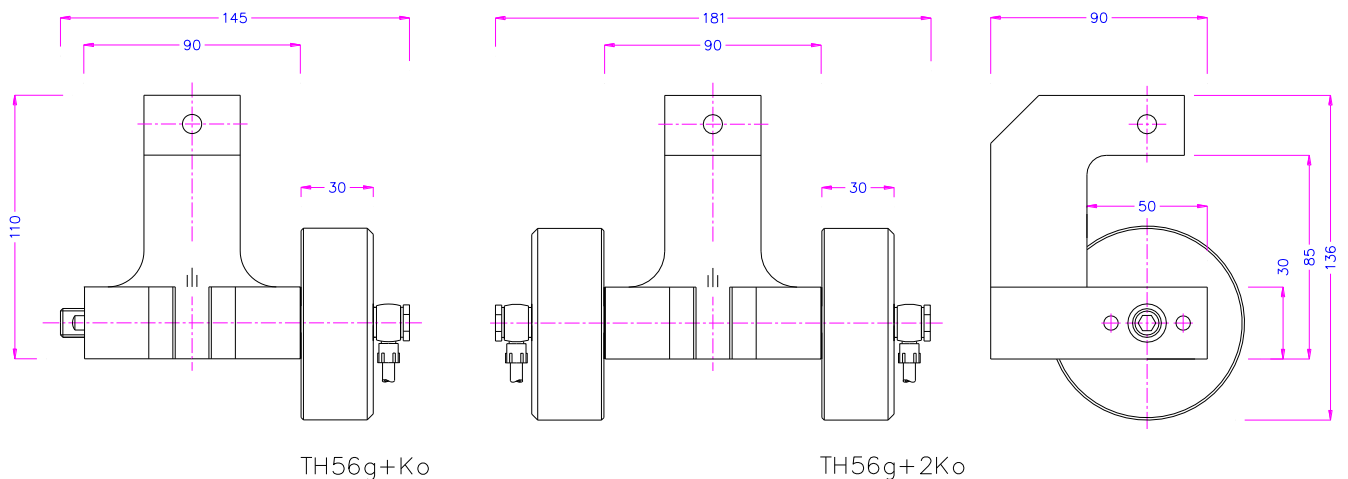
Item No.	Clamping surface	Opening	Weight per pair
TH56g-GT	Carrier	-	0.18 kg
TH56g-EBB	Blank inset jaws	0 – 5 mm	0.14 kg
TH56g-EBG	Rubber inset jaws	0 – 3 mm	0.14 kg
TH56g-EBP	Pyramid inset jaws	0 – 5 mm	0.13 kg
TH56g-EBD	Diamond inset jaws	0 – 5 mm	0.14 kg



TH56g-GT with TH56g-EBP

TH56g-EBB

BP and BW jaws are hardened (58 HRC) and nickel-plated (5µm chemical)



TH56g+Ko

TH56g+2Ko

Item No.	TH56g-H200+Ko (1 pneumatic piston)	TH56g-H200+2Ko (2 pneumatic pistons)
Clamping force	2.6 kN	2.6 kN
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	Aluminum	Aluminum
Pneumatic connection	M5	M5
Weight	1.86 kg	2.24 kg

*other temperature ranges on request

Jaws for TH56g-H200+Ko

Item No.	Surface	Opening**	Weight per pair
TH56g-B	Blank jaws	0 – 44 mm	0.22 kg
TH56g-BG	Rubber jaws	0 – 42 mm	0.22 kg
TH56g-BP	Pyramid jaws	0 – 44 mm	0.21 kg
TH56g-BV2	V-jaws	∅ 2 – 41 mm	0.22 kg
TH56g-BV5	V-jaws	∅ 5 – 41 mm	0.26 kg
TH56g-BW	Wave jaws	0 – 44 mm	0.20 kg
TH56g-BD	Diamond jaws	0 – 44 mm	0.22 kg

Inset jaws for TH56g-H200+Ko: Quick change system
Inset jaws require carriers (TH56g-GT)

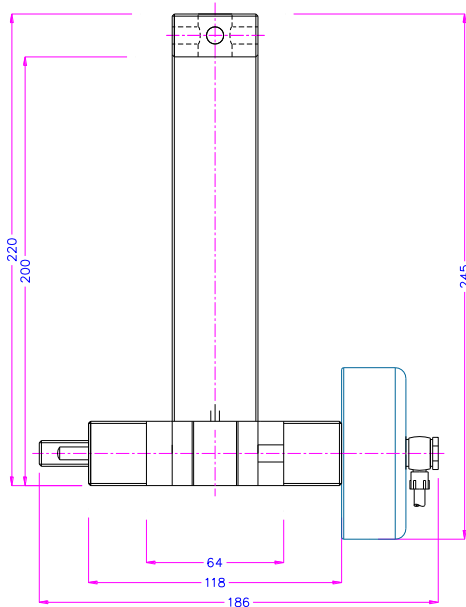
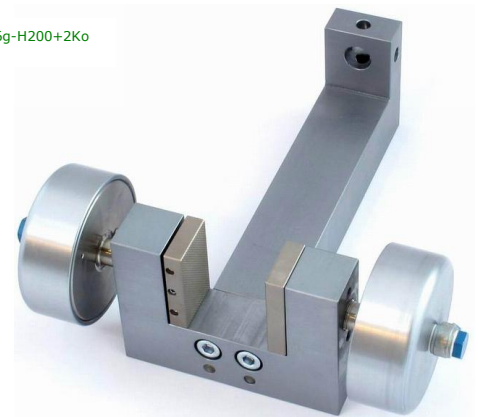
Item No.	Surface	Opening**	Weight per pair
TH56g-GT	Carrier	–	0.18 kg
TH56g-EBB	Blank inset jaws	0 – 34 mm	0.14 kg
TH56g-EBG	Rubber inset jaws	0 – 32 mm	0.14 kg
TH56g-EBP	Pyramid inset jaws	0 – 34 mm	0.13 kg
TH56g-EBD	Diamond inset jaws	0 – 34 mm	0.14 kg

**** The pneumatic pistons of TH56g-H200 are adjustable, therefore the opening width can be adjusted from 0 to 44 mm (depending on the type of jaws used).**

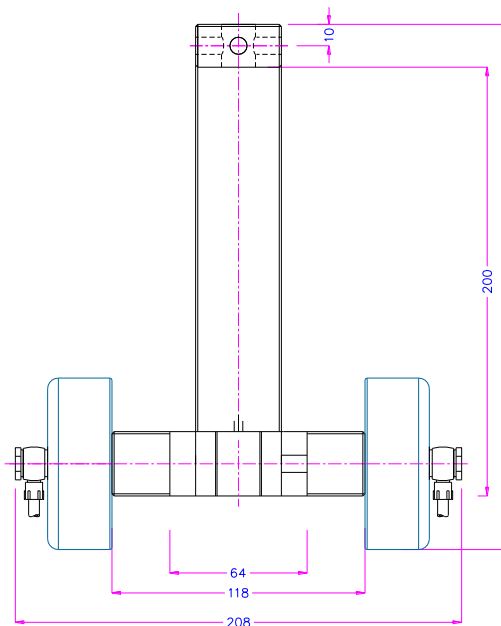
TH56g-H200+Ko



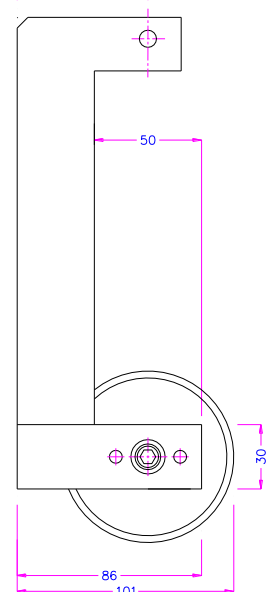
TH56g-H200+2Ko



TH56g-H200+Ko



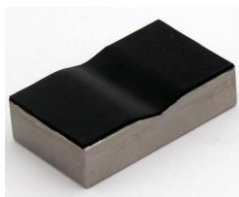
TH56g-H200+2Ko



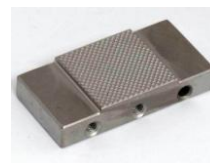
Examples for other version and custom built solutions



TH56g-EI
Optional: TH56g with quick release lever



TH56g-BVG
Rubber coated V-jaws



TH56g-BP25x25
Clamping surface 25x25 mm

Jaws surfaces



TH56g-B
Steel blank (smooth)
without coating



TH56g-BG
Rubber coating
(NBR)



TH56g-BP
Pyramids 1,2x45°,
hardened steel



TH56g-BV
Tooth pitch 1.2 mm,
hardened steel



TH56g-BW
Wave 5 mm,
hardened steel



TH56g-BD
Diamond coating
(synthetic)

Accessories:



TH205-1 Foot pedals

None locking: The jaws of the grip open by pressing the foot pedal and close after removing the foot from the pedal.

Scope of delivery: 1 pair of foot switches including tubes and fittings



TH205-2 Foot pedals

With locking function: The jaws of the grip open by pressing the foot pedal and remain opened 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



TH205-PR10bar Pressure regulator

Optional for TH205-1 or TH205-2

To adjust air pressure: 1-10 bar



TH205-3 Hand switches

With locking function: 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 unit of hand switches including tubes and fittings



TH205-4-M5 Hand switches

Pneumatic micro – hand switches, tubes and fittings, M5 connection

With locking function: The hand switches are directly installed at the grips, 3/2 directional valve. Only for single action rods with spring inside.

Scope of supply: 2 hand switches including tubes and fittings



TH216 Silent compressor for laboratories, oil-lubricated, with pressure reducer

Max pressure 16 bar; 230 V/50 HZ; noise level: 38 dB(A)

Motor: 0.13 kW; displacement: 17 l/min; tank size 3.5 l

Dimensions: 340x290x340 mm (L x W x H); weight 18 kg