

TH240k Screw Action Grip

Provides a simple and effective method to hold specimens
Dual acting design, also for asymmetrical samples
Jaws articulate and provide a self-alignment and cause a self-tightening effect

- Tensile force: 2.5 kN
- Opening: 0 – 10 mm (with rubber jaws 0-8 mm)
- Weight: 0.29 kg each grip (without jaws)

TH240k-S20 Vise grip

- Tensile force: 1 kN
- Opening: 0 – 20 mm
- Weight: 0.33 kg each grip (without jaws)

TH240k-S30 Vise grip

- Tensile force: 1 kN
- Opening: 0 – 30 mm
- Weight: 0.32 kg each grip (without jaws)

TH240k-S50 Vise grip

- Tensile force: 1 kN
- Opening: 0 – 50 mm
- Weight: 0.57 kg each grip (without jaws)



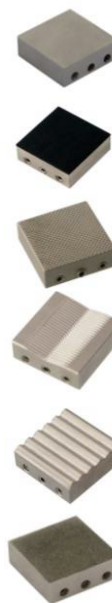
- Temperature range: 0°C - +180°C (depending on jaws)
- Other temperature ranges possible on request
- Body: aluminum
- Scope of delivery: 1 pair (without jaws)
- Also as pneumatic version available (see data sheet TH240k+ko)

Jaws for TH240k: Scope of delivery 1 set = 4 jaws

Item-No.	Surface	Clamping surface H x W	Weight/ pair
TH240k-B	Blank jaws	30 x 30 mm	0.13 kg
TH240k-BG	Rubber jaws	30 x 30 mm	0.13 kg
TH240k-BP	Pyramid jaws	30 x 30 mm	0.12 kg
TH240k-BV2	V-jaws	30 x 30 mm	0.12 kg
TH240k-BV3	V-jaws	30 x 30 mm	0.13 kg
TH240k-BW	Wave jaws	30 x 30 mm	0.12 kg
TH240k-BD	Diamond jaws	30 x 30 mm	0.13 kg
TH240k-B50	Blank jaws	30 x 50 mm	0.22 kg
TH240k-BG50	Rubber jaws	30 x 50 mm	0.23 kg
TH240k-BP50	Pyramid jaws	30 x 50 mm	0.21 kg
TH240k-BW50	Wave jaws	30 x 50 mm	0.20 kg
TH240k-BD50	Diamond jaws	30 x 50 mm	0.22 kg
TH240k-B80	Blank jaws	30 x 80 mm	0.36 kg
TH240k-BG80	Rubber jaws	30 x 80 mm	0.37 kg
TH240k-BP80	Pyramid jaws	30 x 80 mm	0.35 kg
TH240k-BW80	Wave jaws	30 x 80 mm	0.32 kg
TH240k-BD80	Diamond jaws	30 x 80 mm	0.36 kg
TH240k-B100	Blank jaws	30 x 100 mm	0.45 kg
TH240k-BG100	Rubber jaws	30 x 100 mm	0.46 kg
TH240k-BP100	Pyramid jaws	30 x 100 mm	0.45 kg
TH240k-BW100*	Wave jaws	30 x 100 mm	0.51 kg
TH240k-BD100	Diamond jaws	30 x 100 mm	0.45 kg

*Opening is reduced by 4 mm

Jaws with other dimensions and surface coatings on request



Blank jaws

- Applicable for own further treatments
- Steel-blanks without coating

Rubber jaws

- 1 mm rubber coating (NBR)
- Nickel-plated

Pyramid jaws

- Pyramids 1.2x45°
- Hardened steel 58 HRC
- Nickel-plated

V-jaws

- For all kinds of round samples
- Tooth pitch 1.2 mm
- Hardened steel 58HRC
- Nickel-plated

Wave jaws

- For flexible materials
- Wave 5 mm
- Hardened steel 58HRC
- Nickel-plated

Diamond jaws

- Clamping surface coated with synthetic diamonds D91 (170/200 mesh)
- Nickel-plated

Specimen for V-jaws

BV3 jaws are preferable for samples with a larger diameter, clamping height 30 mm

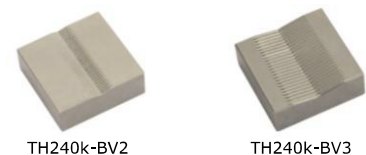
	TH240k	TH240k-S20	TH240k-S30	TH240k-S50
TH240k-BV2	Ø 2 – 9 mm	Ø 2- 20 mm	Ø 2- 30 mm	Ø 2 – 50 mm
TH240k-BV3	Ø 3 – 9 mm	Ø 3 – 20 mm	Ø 3 - 30 mm	Ø 3 – 50 mm

Insert jaws for TH240k: Scope of delivery 1 set = 4 jaws

For a quick change of jaws, insert jaws require carriers (TH240k-GT30)
The specified openings are reduced by 2 mm

Item number	Surface	Clamping surface H x W	Weight Per pair
TH240k-GT30	Carrier	-	0.09 kg
TH240k-EB	Blank insert jaws	30 x 30 mm	0.05 kg
TH240k-EBG	Rubber insert jaws	30 x 30 mm	0.06 kg
TH240k-EBP	Pyramid insert jaws	30 x 30 mm	0.05 kg
TH240k-EBD	Diamond insert jaws	30 x 30 mm	0.06 kg

Insert jaws with other dimensions and surface coatings on request

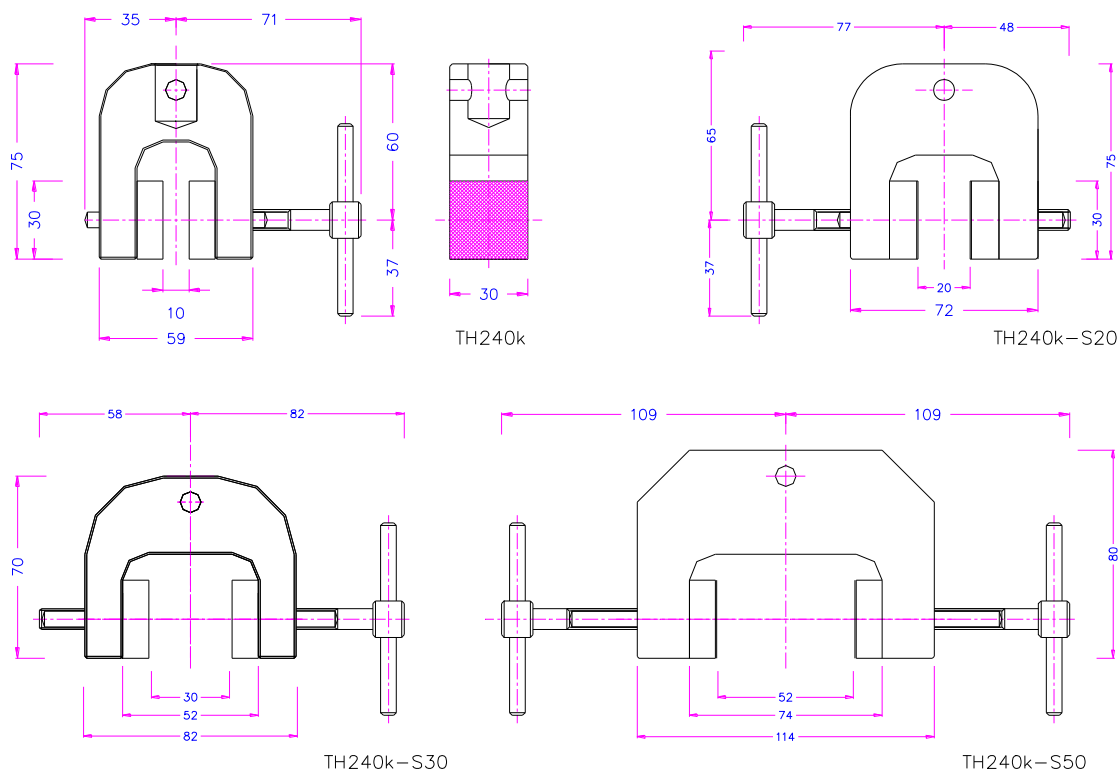


TH240k-BV2

TH240k-BV3



TH240k-GT30+TH240k-EBP



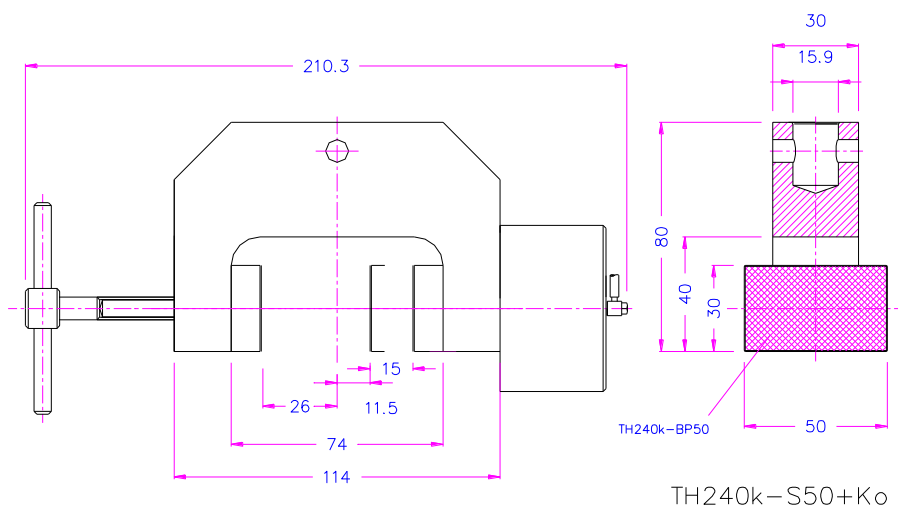
Pneumatic versions (see data sheet TH240k+ko)



TH240k+ko with TH240k+BP pyramid jaws



TH240k-S20+2ko with TH240k-EBP pyramid insert jaws

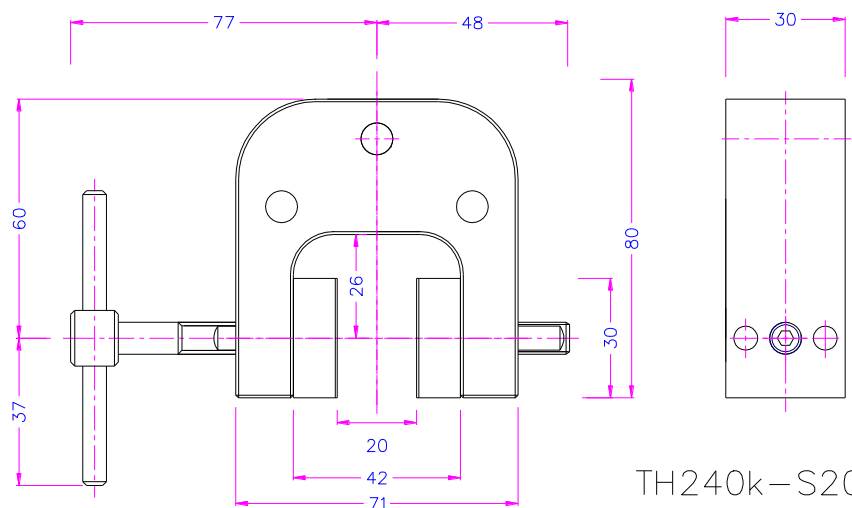


TH240k-S50

Rod movement is 15 mm

It can be adjusted from 0 to 15 mm or from -10 to -25 mm

TH240k-S50+Ko

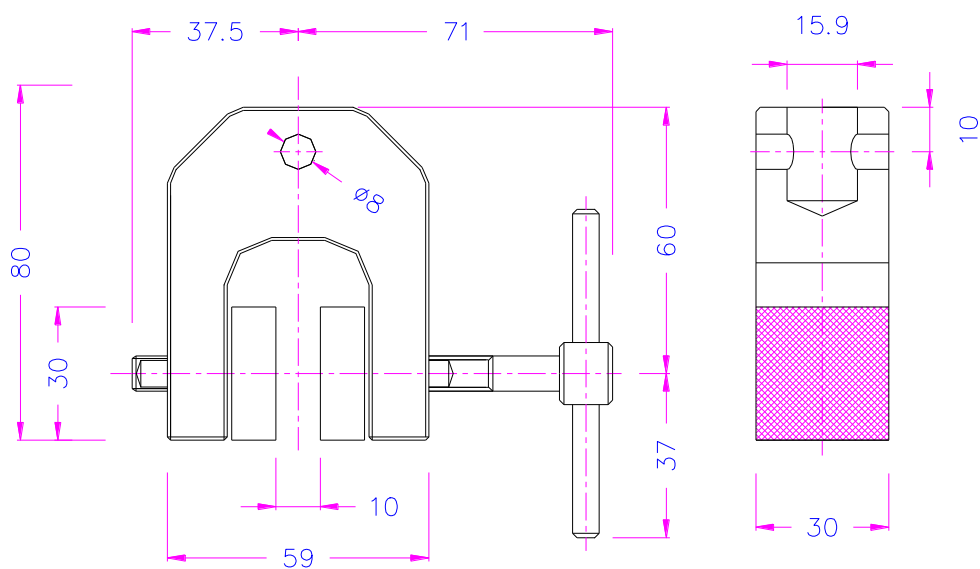


TH240k-S20

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TH240k-S20

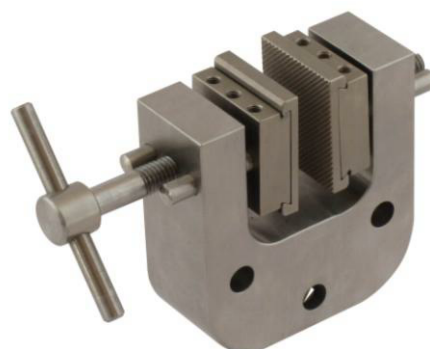
BP and BW jaws are hardened (58 HRC) and nickel-plated (5µm chemical)



TH240k



TH240k-S20+BW30



TH240k-S30+GT30+EBP-SS stainless steel version

28.12.2015OI

All specifications subject to change without prior notice