Vise Grips 10kN & 20kN

TA154 – Screw Action Grip

Provides a simple and effective method to hold specimens. Dual-acting design, also for asymmetrical samples.

TA154 are supplied in pairs but can also be ordered as single grip (0.5 pair).

Grips and jaws need to be ordered separately.

Jaws with other dimensions and surface coatings on request.



Item No.	TA154-10	TA154-20
Tensile force	10 kN	20 kN
Temperature range	0°C - +180°C	0°C - +350°C
Body	Aluminium, anodized	Steel, nickel-plated
Weight	2.36 kg each grip (without jaws)	5.04 kg each grip (without jaws)
Scope of delivery	1 pair of grips without jaws	1 pair of grips without jaws

Jaws for TA154: Scope of delivery: 1 set = 4 jaws

Item No.	Surface	Clamping surface H x W	Opening for TA154-10 / -20	Weight per pair
TA154-B	Blank jaws	40 x 60 mm	0 – 32 mm	0.35 kg
TA154-BG	Rubber jaws	40 x 60 mm	0 – 30 mm	0.36 kg
TA154-BP	Pyramid jaws	40 x 60 mm	0 – 32 mm	0.33 kg
TA154-BV3*	V-jaws	Clamping height 40 mm	3 – 32 mm Ø	0.35 kg
TA154-BV6*	V-jaws	Clamping height 40 mm	6 – 32 mm Ø	0.32 kg
TA154-BW	Wave jaws	40 x 60 mm	0 – 32 mm	0.32 kg
TA154-BD	Diamond jaws	40 x 60 mm	0 – 32 mm	0.35 kg
TA154-BWC	Jaws for bitumen	40 x 60 mm	0 – 14 mm	0.63 kg
TA154-B100	Blank jaws	40 x 100 mm	0 – 28 mm	0.72 kg
TA154-BG100	Rubber jaws	40 x 100 mm	0 – 26 mm	0.74 kg
TA154-BP100	Pyramid jaws	40 x 100 mm	0 – 28 mm	0.69 kg
TA154-BW100	Wave jaws	40 x 100 mm	0 – 28 mm	0.66 kg
TA154-BD100	Diamond jaws	40 x 100 mm	0 – 28 mm	0.72 kg
TA154-BW200	Wave jaws	60 x 200 mm	0 – 20 mm	3.00 kg

*We recommend BV6 jaws for samples with a larger diameter



Blank jaws
•Suitable for own further treatments
•Steel blanks without coating



Rubber jaws
•1mm rubber coating (NBR)
•Nickel plated



Pyramid jaws
•Pyramids 1.2x45°
•Hardened steel 58HRC
•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



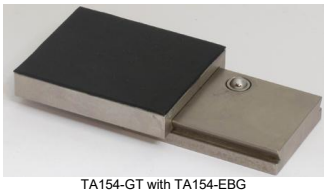
Diamond jaws
•Covered with synthetic diamonds
•Nickel plated

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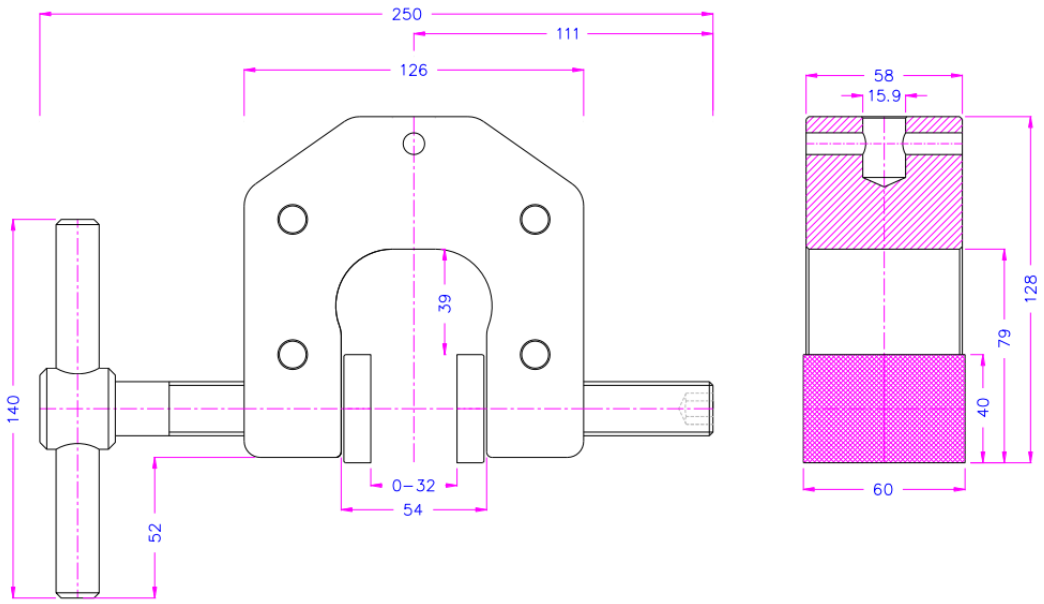
TA154

Insert jaws for TA154
Quick change system of jaw surfaces without any additional tools.
Insert jaws require carriers (TA154-GT for 60 mm wide jaws and TA154-GT100 for 100 mm wide jaws)
Scope of delivery: 1 set = 4 jaws

Item No.	Surface	Clamping surface H x W	Opening	Weight per pair
TA154-GT	Carrier	-		0.33 kg
TA154-EB	Blank insert jaws	50 x 60 mm	0 – 24 mm	0.29 kg
TA154-EBG	Rubber insert jaws	50 x 60 mm	0 – 22 mm	0.30 kg
TA154-EBP	Pyramid insert jaws	50 x 60 mm	0 – 24 mm	0.28 kg
TA154-EBV4	V- insert jaws	Clamping height 50 mm	4 – 24 mm Ø	0.29 kg
TA154-EBW	Wave insert jaws	50 x 60 mm	0 – 24 mm	0.26 kg
TA154-EBD	Diamond insert jaws	50 x 60 mm	0 – 24 mm	0.29 kg
TA154-GT100	Carrier	-		0.69 kg
TA154-EB100	Blank insert jaws	50 x 100 mm	0 – 16 mm	0.63 kg
TA154-EBG100	Rubber insert jaws	50 x 100 mm	0 – 14 mm	0.65 kg
TA154-EBP100	Pyramid insert jaws	50 x 100 mm	0 – 16 mm	0.60 kg
TA154-EBW100	Wave insert jaws	50 x 100 mm	0 – 16 mm	0.57 kg
TA154-EBD100	Diamond insert jaws	50 x 100 mm	0 – 16 mm	0.63 kg



TA154-GT with TA154-EBG

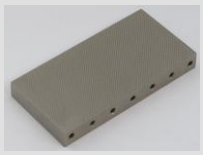


TA154-10, TA154-20

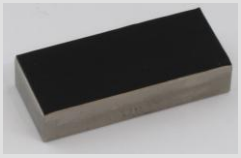
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TA154

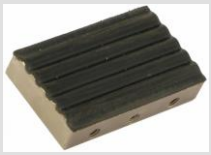
Examples for special solutions:



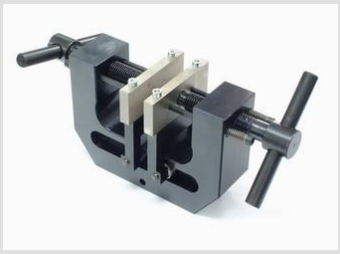
TA154-BP 50x100mm



TA154-BG 25x60mm



TA154-BWG



TA154-20-S100: Opening 100mm



TA154-BWC: Jaws to test bitumen (with water-cooling)