

## U-Form Vice Grip, Double-action, 5 kN - Aluminium, QC fitting

### Mec240g



Shown fitted with a half-set of Mec240g-BW wave jaws

### Mec240g-S50



Shown fitted with a half-set of Mec240g-BG80 rubber jaws

### Mec240g-100



Shown fitted with a half-set of Mec240g-BD80 diamond jaws.

Mechanical Vice Grips apply a clamping force by manually tightening parallel jaw faces directly onto the specimen. Double-action vice grips allow free adjustment of both jaws, allowing them to be aligned around the central axis to accommodate tensile testing of both symmetrical and asymmetrical specimens. The 'U-Form' cut into the aluminium body of these Pneumatic Vice Grips creates the space for an operator to have specimen material below the jaws thereby facilitating loading and removal when testing.

The Mec240g U-form Vice Grips are rated to 5kN and available in 3 sizes with jaw openings ranging from 0-24mm, 0-50mm and 10-100mm depending on the jaw types selected. An extensive collection of interchangeable, high-performance jaws with differing surface profiles provide excellent gripping characteristics to ensure that a variety of materials and components can be securely held.

Ideal for tension tests on flat strips of metal and plastic, thin sheets and tapes plus non-woven and general fabrics.

Scope of delivery: 1 grip supplied fitted with bore-hole to allow connection to QC-20 fixing post

Item No:	Mec240g	Mec240g-S50	Mec240g-S100
Rated capacity:	5 kN	5 kN	5 kN
Opening (depending on jaws):	0-24 mm	0-50 mm	10 – 100 mm
Weight each grip(without jaws):	1.3 kg	1.3 kg	2.22 kg

**Note:** Jaws (see table below) must be ordered separately

**Jaws for Mec240g:** Scope of delivery 0.5 set = 2 jaws (left and right). Order any combination of 2 half-sets of jaws to fit into a pair of any Mec240g U-form Vice grips (upper and lower)

Item No.	Surface	Clamping surface H x W	Opening Mec240g	Opening Mec240g-S50	Opening Mec240g-S100	Weight per 0.5 set
Mec240g-B	Blank jaws	30x50 mm	0-30 mm	0-50 mm	-	0.22 kg
Mec240g-BG	Rubber jaws	30x50 mm	0-28 mm	0-50 mm	-	0.22 kg
Mec240g-BP	Pyramid jaws	30x50 mm	0-30 mm	0-50 mm	-	0.21 kg
Mec240g-BV2	V-jaws	30x50 mm	Ø 2-30 mm	Ø 2-50 mm	-	0.22 kg
Mec240g-BV5	V-jaws	30x50 mm	Ø 5-30 mm	Ø 5-50 mm	-	0.25 kg
Mec240g-BW	Wave jaws	30x50 mm	0-30 mm	0-50 mm	-	0.20 kg
Mec240g-BD	Diamond jaws	30x50 mm	0-30 mm	0-50 mm	-	0.22 kg
Mec240g-B80	Blank jaws	30x80 mm	0-26 mm	0-48 mm	10-100 mm	0.43 kg
Mec240g-BG80	Rubber jaws	30x80 mm	0-24 mm	0-46 mm	8-98 mm	0.44 kg
Mec240g-BP80	Pyramid jaws	30x80 mm	0-26 mm	0-48 mm	10-100 mm	0.42 kg
Mec240g-BW80	Wave jaws	30x80 mm	0-26 mm	0-48 mm	10-100 mm	0.39 kg
Mec240g-BD80	Diamond jaws	30x80 mm	0-26 mm	0-48 mm	10-100 mm	0.43 kg
Mec240g-B100	Blank jaws	30x100 mm	0-26 mm	0-48 mm	10-100 mm	0.54 kg
Mec240g-BG100	Rubber jaws	30x100 mm	0-24 mm	0-46 mm	8-98 mm	0.55 kg
Mec240g-BP100	Pyramid jaws	30x100 mm	0-26 mm	0-48 mm	10-100 mm	0.53 kg
Mec240g-BW100	Wave jaws	30x100 mm	0-26 mm	0-48 mm	10-100 mm	0.51 kg
Mec240g-BD100	Diamond jaws	30x100 mm	0-26 mm	0-48 mm	10-100 mm	0.54 kg



**Blank jaws**

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



**Rubber jaws**

- 1mm 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



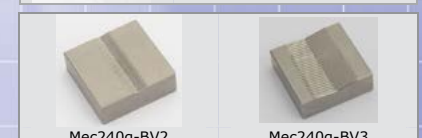
**Wavejaws**

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



**Diamondjaws**

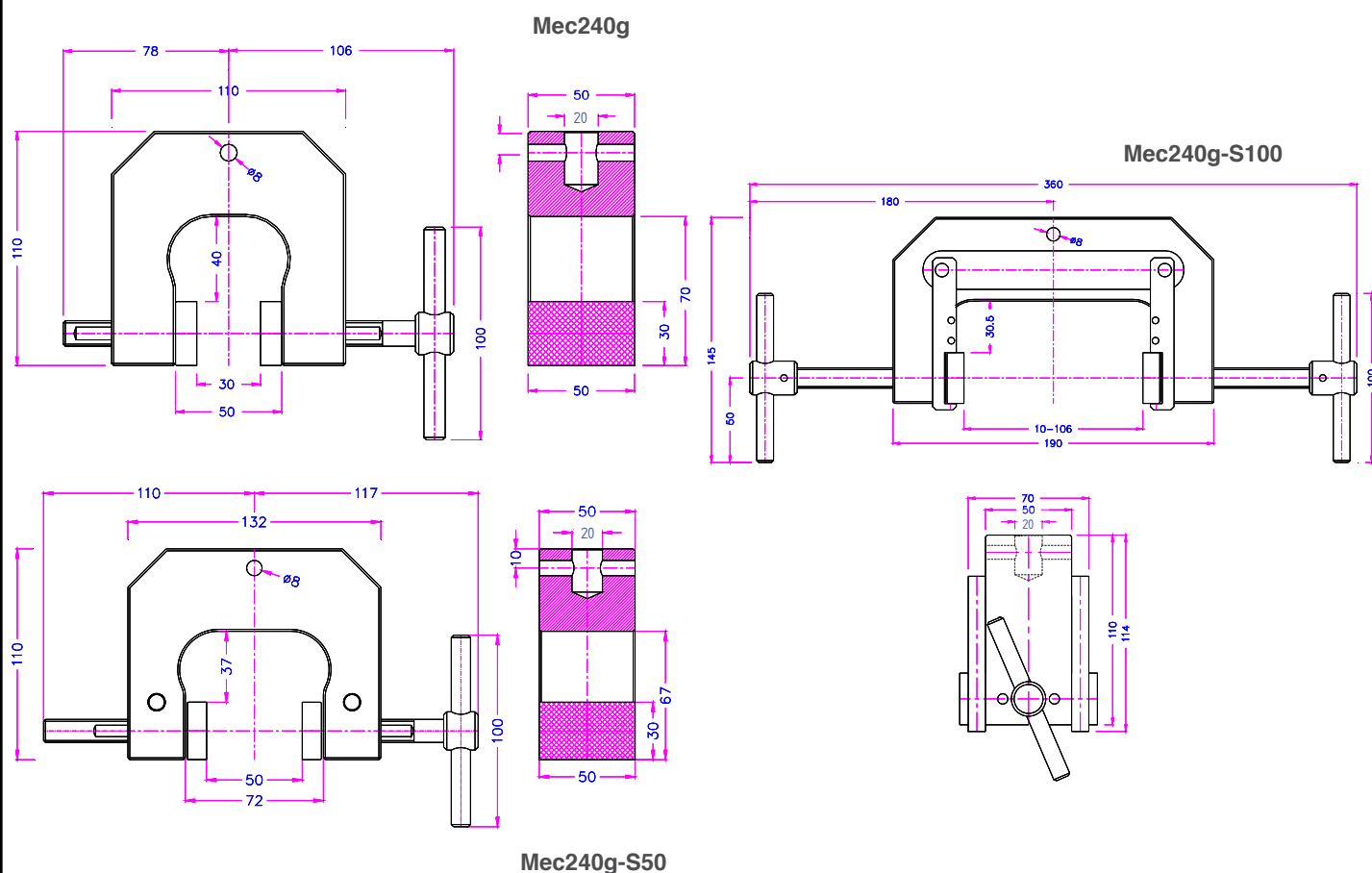
- Clamping surface coated with synthetic diamonds D91 (170/200 mesh)
- Nickel plated



Mec240g-BV2

Mec240g-BV3

## Dimensions mm



FS 58553

Mecmesin reserves the right to alter equipment specifications without prior notice.

E&OE

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