

**Garant**
**Clamping rail 120, Beam length: 300 mm**

**Order data**

Order number	360110 300
GTIN	4045197555403
Item class	310

**Description**
**Version:**

- All functional faces precision ground, pairing accuracy 0.03 mm.
- Base rail and jaws case hardened.
- Compact modular design, high clamping force up to 40 kN, maximum tightening torque 50 Nm.
- Attachment hole pattern for GARANT ZeroClamp zero-point clamping system (reference dimension 200 mm) as standard, can be mounted on clamping plates or matrix tables, or using table clamps.
- Ruler inset into the top face permits repeatable positioning of the clamp attachments in the serrations of the clamping rail.
- Variable pitches can be achieved using cross connectors.
- Conventional and Gripp clamping available.
- Clamping range can be extended individually.
- Easily clamped using a torque wrench.

**Application:**

- 5-face machining on multi-axis machining centres.
- As a cost-effective clamping solution for use with the GARANT ZeroClamp zero-point clamping system or with pallet and automated systems, or directly on to the machine table or clamping towers.

**Optional extras:**

Clamping jaw variants, magnetic strip, workpiece backstop see No.360112 to 360129. Torque wrench No.656050 size60, clamping stud No.360025 size18M16, clamp No. 360127.

Length L: 300 mm

Width B: 120 mm

Height H: 60 mm

## Technical description

Width B	120 mm
Beam length	300 mm
Height H	60 mm
Length L	300 mm
Type of product	Multi-point clamping rail

## Accessories

Parallel clamping jaw Jaw width 120 mm	360115 120
Base jaw Jaw width 120 mm	360161 120
Gripper front jaw Jaw width 120ST mm	360125 120ST
Top jaw Material STAHL	360162 STAHL
Fixed jaw Jaw width 120 mm	360116 120
Cross connector	360112
Gripper front jaw Jaw width 120 mm	360125 120
Aluminium top jaw Jaw width 120 mm	360122 120
Gripp insert Type GRIPP-1,8	360118 GRIPP-1,8
Pull-down front jaw Jaw width 120HM mm	360129 120HM
Torque wrench with reversible ratchet maximum torque 60 Nm	656050 60
Pull-down jaw Jaw width 120 mm	360114 120
Clamping pot socket Jaw width 120 mm	360117 120
Gripp insert Type GLATT-HM	360118 GLATT-HM
ZeroClamp clamping stud with internal thread Type 18M16	360025 18M16
Top jaw Material ALU	360162 ALU
Base jaw Type P	360119 P

Pack of clamps 6 pieces	360127
Gripp insert Type GRIPP-3,8	360118 GRIPP-3,8
Carbide coated front jaw Jaw width 120 mm	360124 120
Pull-down front jaw Jaw width 120G mm	360129 120G
Base jaw Type F	360119 F