

Garant**ZeroClamp clamping pot Ø120mm self-locking, Type: Z138L****Order data**

Order number	360045 Z138L
GTIN	4062406576110
Item class	310

Description**Version:**

- **6 bar compressed-air connection required to unlock.**
- **Radial compensation 0.1 mm.**
- **Maximum pin retraction 1 mm.**
- **Repetition accuracy < 2.5 µm.**
- **All components made of stainless or corrosion-resistant steel.**

Advantage:

- **Compatible with existing installations.**
- **Repetition accuracy < 2.5 µm.**
- **Clearance is always zero thanks to HSK principle. (hollow shank taper)**
- **Thermal symmetry through pre-loaded machine tapers. These equalise pitch inaccuracies towards zero point.**
- **Only one type of clamping stud is required, which simplifies logistics.**
- **30% greater force/stroke volume than standard clamping pots. Clamping jaws motion is linear and does not need to be divided into rapid stroke and clamping stroke.**
- **Blow-out function, turbo function and jaw position query.**
- **No free pins or locating pins required, but still works the classic way with these types of pins.**

Function:

A piston with recesses in the piston valve area that includes attachments arranged at an angle of 15° which engage in the valves.

Piston stroke motion moves the clamping jaws radially, locking the clamping stud by applying the spring force of the 14 locking springs.

Application:

For individual incorporation in the clamping system. For retrofitting on existing base plates for greater holding force.

Optional extras:

Clamping stud no. 360025 size 18M12/138, 25M16/138 and 18M16/138.

Holding force M10: 35 kN

Holding force M12: 50 kN

Holding force M16: 70 kN

Draw-in force: 7 kN

Draw-in force with turbo: 20 kN

Clamping pot Ø d: 138 mm

Technical description

Clamping pot Ø d	138 mm
Indexing hole available	no
Series	ZeroClamp
Draw-in force	7 kN
Draw-in force with turbo	20 kN
Holding force M12	50 kN
Holding force M10	35 kN
Holding force M16	70 kN
Radial compensation	0.1 mm
Repetition accuracy	< 2.5 µm
Type of product	Zero-point clamping system