

**Garant****Centring vice, pneumatic IOT, Type: 160****Order data**

Order number	360181 160
GTIN	4062406572983
Item class	310

**Description****Version:**

- **Adjustable stroke + 5 mm per end.**
- **Clamping force steplessly adjustable up to 22.5 kN. Arithmetical sum = 45 kN.**
- **Even if the compressed air supply fails, the centring vice maintains a slight (approx. 60 kg) pre-load, to ensure secure positioning of the workpiece, such as when a shuttle table is being used.**

**Advantage:**

- **Incl. pressure reservoir with double-acting non-return valves.**
- **Continuous monitoring of clamping and release pressure and of battery state via WiFi.**
- **No rotary union necessary.**
- **Clamping and release by compressed air via robot.**
- **Connection block no. 360191 for horizontal or vertical compressed-air transfer available.**

**Application:**

For centralised clamping of components. Suitable for **automated operation** with 4-channel clamping pots, even with side connections.

**Optional extras:**

Connection block no. 360191.

Range of jaws no. 360183 - 360187.

## Technical description

L	160 mm
Weight	19 kg
Jaw width A	104 mm
H <sub>1</sub>	175 mm
Maximum compressed air supply	9 bar
suitable for colour code	PCV 160
Clamping force up to maximum	22.5 kN
B	160 mm
Clamping range	8.5 mm
Height H	99.2 mm
Type of product	Machine vice