

**Garant**
**Centring vice basic device Xtric, Type: 80MP**

**Order data**

|              |               |
|--------------|---------------|
| Order number | 363000 80MP   |
| GTIN         | 4062406090517 |
| Item class   | 310           |

**Description**
**Version:**

- **Very good accessibility and perfectly symmetrical.**
- **Fully hardened and precision milled on the underside.**
- **Clamps raw materials and finished parts with the least possible backstroke of the jaws / component.**
- **Supplied with holes for LONG positioning system, can be adapted to GARANT ZeroClamp and Erowa ITS148 (size 50 and 80) using an intermediate plate.**
- **Jaws can be changed without using tools. The clamping range can be changed by reversing the jaws.**
- **Interface for automated applications.**
- **Easy-to-use, chuck jaw quick-change system, no tools required.**
- **Clamping force up to 25 kN at 90 Nm torque.**
- **Quick to use and intuitive in operation.**
- **Repetition accuracy <0.01 mm.**
- **Scaling for pre-positioning the clamping modules.**
- **Spindle nut with or without pivot function.**
- **Clamping lip for steplessly adjustable clamps.**
- **Centring adjustment with pin wrench.**

**Application:**

Perfect for 5-face machining. Centred clamping.

**Suitable for:**

Top jaws No. 363010 – 363045.

**Supplied with:**

Base rail, spindle, spindle nuts, **spindle cover No. 363083.**

**Optional extras:**

Hexagon screwdriver No. 627424 size 5, pin spanner No. 628600 size 2, torque wrench No. 656050, socket No. 642229, stepless adjustable clamps No. 363081 80 and 361165 CS1, GARANT clamping stud No. 363190, adapter plates No. 363079, 363080, 363085. Height extension base No. 363090 (in conjunction with No. 363079). Assembly station No. 358595 52/96.

**Note:**

Suitable top jaws No. 363010 – 363045 are not included in the scope of supply. Clamping situation S2 arises by reversing the jaws. Use offset top jaws to overcome the clamping gaps with types XS and XSP and H.

## Technical description

|                                      |              |
|--------------------------------------|--------------|
| Colour code for suitable accessories | Xtric 80     |
| B                                    | 80 mm        |
| Weight                               | 4 kg         |
| Series                               | Xtric        |
| Clamping force up to maximum         | 25 kN        |
| L                                    | 220 mm       |
| Swing angle                          | ±2 degrees   |
| Width across flats                   | 10 mm        |
| Width across flats                   | 5 mm         |
| maximum torque                       | 85 Nm        |
| Clamping range S1                    | 0 - 126 mm   |
| Clamping range S2                    | 74 - 194 mm  |
| Height H                             | 40 mm        |
| Longitudinal slot                    | 20 mm        |
| Pitch underside                      | 52 mm        |
| Type of product                      | Machine vice |

## Accessories

|                                       |           |
|---------------------------------------|-----------|
| Pair of parallelmagnetic Height 20 mm | 363075 20 |
| Pair of parallelmagnetic Height 10 mm | 363075 10 |

|  |               |
|--|---------------|
| Pair of parallelmagnetic Height 5 mm                                   | 363075 5      |
| Pair of parallelmagnetic Height 20C mm                                 | 363075 20C    |
| Top jaw system, LANG, coated for type 80                               | 363022 80     |
| Pair of parallelmagnetic Height 22C mm                                 | 363075 22C    |
| Rigid right-hand spindle nut Type 80                                   | 363097 80     |
| Standard top jaw, width-reduced for type 40C                           | 363026 40C    |
| Soft top jaw Type 120S   | 363034 120S   |
| Standard top jaw for type 80   | 363010 80     |
| Pair of parallelmagnetic Height 15 mm                                  | 363075 15     |
| Top jaw system, LANG for type 80                                       | 363018 80     |
| Alignment and clamping strip set, Xtric Type 80                        | 363102 80     |
| Pair of parallelmagnetic Height 7 mm                                   | 363075 7      |
| Top jaw system, LANG, width-reduced for type 40C                       | 363030 40C    |
| Pair of parallelmagnetic Height 22 mm                                  | 363075 22     |
| Spindle bearing, complete Type 80/220                                  | 363008 80/220 |
| Hexagon socket, 1/2 inch Width across flats 10 mm                      | 642229 10     |
| Soft top jaw Type 120A   | 363034 120A   |
| Spindle nut with left-hand pivot function Type 80                      | 363098 80     |
| Spindle nut with right-hand pivot function Type 80                     | 363099 80     |
| Adapter plate for centring vice ZS type / for clamping pot<br>Ø 120 mm | 363080 120    |
| Torque wrench with reversible ratchet maximum torque<br>120 N·m        | 656050 120    |
| Standard top jaw, coated for type 80                                   | 363014 80     |