

Garant**Centring vice basic device Xtric, Type: 80M****Order data**

Order number	363000 80M
GTIN	4062406090500
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
L	220 mm
Clamping force up to maximum	25 kN
B	80 mm
Series	Xtric
Weight	4 kg
maximum torque	85 Nm
Width across flats	10 mm
Width across flats	5 mm
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

Spindle bearing, complete Type 80/220	363008 80/220
Standard top jaw for type 80	363010 80
Standard top jaw, coated for type 80	363014 80

Top jaw system, LANG for type 80	363018 80
Top jaw system, LANG, coated for type 80	363022 80
Standard top jaw, width-reduced for type 40C	363026 40C
Top jaw system, LANG, width-reduced for type 40C	363030 40C
Soft top jaw Type 120A	363034 120A
Soft top jaw Type 120S	363034 120S
Pair of parallelmagnetic Height 10 mm	363075 10
Pair of parallelmagnetic Height 15 mm	363075 15
Pair of parallelmagnetic Height 20 mm	363075 20
Pair of parallelmagnetic Height 20C mm	363075 20C
Pair of parallelmagnetic Height 22 mm	363075 22
Pair of parallelmagnetic Height 22C mm	363075 22C
Pair of parallelmagnetic Height 5 mm	363075 5
Pair of parallelmagnetic Height 7 mm	363075 7
Adapter plate for centring vice ZS type / for clamping pot Ø 120 mm	363080 120
Clamping claw Type 80	363081 80
Spare spindle for XTRIC Type 80M	363084 80M
Rigid right-hand spindle nut Type 80	363097 80
Spindle nut with left-hand pivot function Type 80	363098 80
Spindle nut with right-hand pivot function Type 80	363099 80
Alignment and clamping strip set, Xtric Type 80	363102 80
Hexagon socket, 1/2 inch Width across flats 10 mm	642229 10
Torque wrench with reversible ratchet maximum torque 120 N·m	656050 120