

Garant

Centring vice basic device Xtric, Type: 80S



Order data

Order number	363000 80S
GTIN	4062406090487
Item class	310

Description

Version:

- **Very good accessibility and perfectly symmetrical.**
- **Fully hardened and precision milled on the underside.**
- **Central alignment delivers perfectly centred clamping.**
- **Clamps raw materials and finished parts with the least possible backstroke of the jaws / component.**
- **Supplied with holes for LANG 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. Changing the jaws may result in a change of clamping capacity.**
- **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 clamping claws.**
- **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 wrench 628600 size 2, torque wrench No. 656050, hexagon socket No. 642229, clamping claw 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.

Clamping force up to maximum: 25 kN

Weight: 3.2 kg

L: 170 mm

B: 80 mm

Height H: 40 mm

Clamping range S1: 0 - 76 mm

Technical description

Weight	3.2 kg
Colour code for suitable accessories	Xtric 80
Series	Xtric
Clamping force up to maximum	25 kN
L	170 mm
B	80 mm
Width across flats	5 mm
Width across flats	10 mm
maximum torque	85 N·m
Clamping range S2	74 - 144 mm
Clamping range S1	0 - 76 mm
Height H	40 mm
Longitudinal slot	20 mm
Grid scale, underside	52 mm
Type of product	Machine vice

Accessories

Pair of parallels magnetic Height 22C mm	363075 22C
Pair of parallels magnetic Height 20C mm	363075 20C
Pair of parallels magnetic Height 15 mm	363075 15
Top jaw system, LANG for type 80	363018 80
Hexagon socket, 1/2 inch Width across flats 10 mm	642230 10
Top jaw system, LANG, width-reduced for type 40C	363030 40C
Rigid right-hand spindle nut Type 80	363097 80
Pair of parallels magnetic Height 20 mm	363075 20
Spindle nut with right-hand pivot function Type 80	363099 80
Pair of parallels magnetic Height 10 mm	363075 10
Clamping claw Type 80	363081 80
Top jaw system, LANG, coated for type 80	363022 80
Standard top jaw, coated for type 80	363014 80
Adapter plate for centring vice ZS type / for clamping pot Ø 120 mm	363080 120
Pair of parallels magnetic Height 5 mm	363075 5
Hexagon screwdriver, with T-handle and ball point Hexagon 5 mm	627424 5
Standard top jaw for type 80	363010 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
Adapter plate for centring vice ZS type / for clamping pot Ø 138 mm	363080 138
Pair of parallels magnetic Height 22 mm	363075 22
Soft top jaw Type 120S	363034 120S
Soft top jaw Type 120A	363034 120A
Alignment and clamping strip set, Xtric Type 80	363102 80
Spindle nut with left-hand pivot function Type 80	363098 80

Standard top jaw, width-reduced for type 40C	363026 40C
Pair of parallels magnetic Height 7 mm	363075 7
Spare spindle for XTRIC Type 80S	363084 80S
Hexagon screwdriver, with T-handle and ball point Hexagon 5 mm	627712 5