

**Garant**
**5-axis vice Xpent, Type: 1S**

**Order data**

|              |               |
|--------------|---------------|
| Order number | 361100 1S     |
| GTIN         | 4045197926906 |
| Item class   | 310           |

**Description**
**Version:**

- **Very good accessibility and perfectly symmetrical.**
- **Flexible modular clamping system.**
- **All functional faces hardened and ground.**
- **Clamping force up to 40 kN at 90 Nm torque.**
- **Both clamping modules can be positioned individually on the base rail.**
- **Variable clamping and adjustment range.**
- **Repetition accuracy < 0.01 mm.**
- **Including holes 18M16 for zero point clamping system pitch 200mm.**

**Application:**

Perfect for true 5-face machining.

In conjunction with various jaws it can be used for conventional, smooth-faced clamping and clamping of unfinished parts.

**Supplied with:**

Base rail, spindle, spindle extension, crank / hexagon screwdriver (for type 1S), fixed clamping module, mobile clamping module.

**Optional extras:**

Clamping modules No. 361105 – 361110, centre jaw No. 361111, base rails No. 361115, spindle No. 361119, spindle extensions No. 361120, stepless adjustable clamps No. 361165, torque wrench No. 656050 size 120, screwdriver bit No. 643329, workpiece back-stop No. 360094, top jaws No. 361123 – 361138.

**Note:**

**Not supplied with matching top jaws No. 361123 – 361137 and front jaws No. 361140 – 361151. Clamping situation S4 requires a further spindle extension No. 361120. To ensure perfect tool lubrication, we recommend the use of multi-purpose grease No. 083592 PLUS.**

## Technical description

|                                      |                            |
|--------------------------------------|----------------------------|
| $c_1$                                | 77.5 mm                    |
| maximum torque                       | 90 Nm                      |
| Clamping range S4                    | 286 - 386 mm               |
| Clamping range S3                    | 186 - 290 mm               |
| Colour code for suitable accessories | Xpent1-2                   |
| Slot width n H7                      | 20 mm                      |
| Length L                             | 454 mm                     |
| Width B                              | 125 mm                     |
| Base body height c                   | 125.5 mm                   |
| Height h                             | 45 mm                      |
| Width across flats                   | 5 mm                       |
| Width across flats                   | 10 mm                      |
| Clamping range S1                    | 6 - 108 mm                 |
| Weight                               | 34 kg                      |
| Clamping range S2                    | 104 - 208 mm               |
| Clamping force up to maximum         | 40 kN                      |
| Series                               | Xpent                      |
| Spindle extension size               | 100                        |
| Version                              | Zero-point clamping system |
| Type of product                      | Machine vice               |

## Accessories

|                               |           |
|-------------------------------|-----------|
| Open jaw plug-in head Type 10 | 361139 10 |
|-------------------------------|-----------|