

Garant
NC high-pressure vice HiPo Clamp with power intensifier, Type: 160

Order data

Order number	360465 160
GTIN	4045197777911
Item class	31F

Description
Version:

- Pairing accuracy 0.02 mm.
- Alignment dimensions compatible with other manufacturers.
- Universal design accepts wide variety of jaw systems.
- Slides induction hardened.
- Fully enclosed spindle (minimises cleaning requirement).
- Tapped holes on each side for workpiece backstop.
- Including holes 18M16 for zero point clamping system pitch 200 mm.
- All faces apart from the end face ground: Can be used horizontally or laterally.
- Angled gear drive can be attached.
- Fully enclosed and nitrided spindle.
- Tapped hole for workpiece backstop.

Version of the advertising text:

- Pairing accuracy 0.02 mm.
- Slides induction hardened.
- Including holes 18M16 for zero point clamping system pitch 200 mm.
- All faces apart from the end face ground: Can be used horizontally or laterally.
- Fully enclosed and nitrided spindle.

Supplied with:

Including stepped jaws No. 360468 and 360469, 4 stepless adjustable clamps and hand crank.

Optional extras:

- Accepts popular makes of jaws size 125, e.g. No. 361400 – 361660, No. 362390 – 362600, No. 361295, No. 361296.
- For tenon and Tee-nut set see No. 360530.
- For workpiece backstop, hand crank see No. 360555; 360800.

- **Clamping stud No. 360025.**
- **Angle drive No. 360471.**

Note:

- **For a suitable 125 base body extension see No. 360467_125 in the spare parts list.**
- **Size 125X is supplied with jaws 361295 125 and 361296 125. Can be used with Xpent front jaws.**
- **The suitable base body extension 160 is No. 360420 160**

Note re advertising text:

Size 125X is supplied with jaws 361295 125 and 361296 125. Can be used with XPent front jaws.

Technical description

Clamping force up to maximum	60 kN
Colour code for suitable accessories	HiPo
Overall length L	645 mm
o -0.02	40 mm
r ±0.015	164 mm
Base body length a	560 mm
Weight	65 kg
Slot pitch p H7	20 mm
Jaw height h	49.8 mm
Clamping range b	17 - 263 mm
m ±0.02	234 mm
Cross-slot n H7	20 mm
Base body width B	160 mm
s - 0.02	70 mm
Longitudinal slot l H7	20 mm
t	164 mm
Base body height c -0.02	115 mm
Clamping range d	187 - 433 mm
Version	Zero point clamping system
Series	HiPoClamp
Type of product	Machine vice

Accessories

Stepped jawmovable for type 160	360468 160
ZeroClamp clamping stud with internal thread Type 16M10	360025 16M10
ZeroClamp clamping stud with internal thread Type 12M10/90	360025 12M10/90
Pair of base jaws soft for jaw width 160 mm	362520 160
ZeroClamp clamping stud with internal thread Type 25M10	360025 25M10
Pair of Vee jaws for jaw width 160 mm	362500 160
ZeroClamp clamping stud with internal thread Type 18M16	360025 18M16
Angled gear drive for type 160	360471 160
Adaptor jawmovable for type 125	361600 125
ZeroClamp clamping stud with internal thread Type 16M8	360025 16M8
Pair of pull-down roller jaws for jaw width 160 mm	362460 160
Parallel insert, click system for type 160	361962 160
Parallel insert for stepped face for type 160	361972 160
ZeroClamp clamping stud with internal thread Type 14M12/90	360025 14M12/90
Stepped jawfixed for type 160	361420 160
Alignment and fixing set Table T-slot size 14 mm	360530 14
Alignment and fixing set Table T-slot size 12 mm	360530 12
Workpiece backstop	360555
Pair of spare spring leaves for jaw width 160 mm	362620 160
Pair of spring leaf jaws for jaw width 160 mm	362600 160
Workpiece back-stop 3-dimensional Type 300	360430 300
Parallel insert, click system for type 160	361952 160
ZeroClamp clamping stud with internal thread Type 12M10	360025 12M10
Adaptor jawfixed for type 160	361620 160

Alignment and fixing set Table T-slot size 18 mm	360530 18
Alignment and fixing set Table T-slot size 22 mm	360530 22
Pair of clamping jaws with stepped upper edge for jaw width 160 mm	362560 160
Alignment and fixing set Table T-slot size 16 mm	360530 16
Pair of clamping jaws, smooth for jaw width 160 mm	362420 160
Pair of clamping jaws with serrated faces for jaw width 160 mm	362400 160
ZeroClamp clamping stud with internal thread Type 18M12	360025 18M12