



## NC high pressure vice TITAN 2, Type: 160M



### Order data

Order number	361302 160M
GTIN	4250364402903
Item class	34A

### Description

#### Version:

#### Feature:

Clamps for the modular clamping system.

**Increased force travel for secure clamping of blanks in combination with a pull-down function.**

Jaws secured with M12 socket head screws.

8 mm lost clearance when pulled down, 3 mm for Gripp.

Clamping can be achieved close to the neutral line.

Jaws are compatible with earlier models.

Outlet for chips and coolant. Precise location slots.

Tapped holes for component backstop and for extension.

Maximum clamping force 40 kN.

Slides induction hardened. Side, top and bottom faces ground.

#### Feature:

Can be installed vertically.

#### Advantage:

Precise and powerful multi-function high-pressure vice.

- **Reliable clamping of blank parts, thanks to the extra long stroke of the high-pressure spindle.**
- **Precision machined finished parts, base body machined all round.**

#### Function:

**Clamping exclusively with adjustable torque wrench(maximum 30 Nm).**

Using special high pressure spindle and mechanical power intensifier.

#### Application:

**For conventional clamping, grip clamping and pull-down clamping.** Clamping of **flame-cut and saw-cut blanks** by **hardened replaceable gripper elements** piercing into the workpiece.

Suitable for all materials up to tensile strength of 1000 N/mm<sup>2</sup>. Can be used horizontally or laterally.

**Supplied with:**

3 hexagon L-wrenches, bi-hex socket 14 AF, 4 stepless adjustable clamps.

**Optional extras:**

- **Jaws No. 361331 – 361970.**
- **Torque wrench No. 656050 size 60.**
- **Quick-change system for jaws No. 362635 size 3**

**Note:**

Clamp capacity extension available using base body No. 360420 size 160.

Weight: 68 kg

Overall length L: 587 mm

Base body length a: 530 mm

Base body width B: 164 mm

Base body height c: 115 mm

f: 21 mm

## Technical description

Type	160M
Overall length L	587 mm
f	21 mm
Base body height c	115 mm
Cross-slot	20 mm
m	234 mm
g	30 mm
Weight	68 kg
Base body width B	164 mm
Longitudinal slot	20 mm
r	164 mm
Base body length a	530 mm
Colour code for suitable accessories	Titan 2
Series	Titan 2
Type of product	Machine vice

## Accessories

Gripp insert with 4 spikes height 3.7 - 5.2 mm Type	361241
Gripp insert with 2 spikes, height 5.2 – 6.7 mm Type	361240
Case set for 5-face jaw	361365
Gripp insert height 5.5 mm round Type	361250
Stepped jaw for gripp inserts fixed for type 160	361348 160
Pull-down set case for type 2	361346 2
Carrier jaw fixed for type 160	361332 160
Gripp insert carbide height 7.1 - 8.6 mm Type	361242
5-face jaws for type MOBIL	361361 MOBIL
5-face jaws for type FIX	361361 FIX
Component backstop	360555
Carrier jaw movable pivoting for type 160	361337 160
Clamping insert with coating, height 5.2 – 6.7 mm smooth Type	361245
Gripp insert with 2 spikes, height 3.7 – 5.2 mm Type	361238
Pull-down set case for type 1	361346 1
Stepped jaw for gripp inserts movable for type 160	361347 160