

# CP180

# FLEX ZERO BASES



**CP180-1515-35**

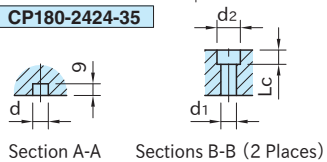
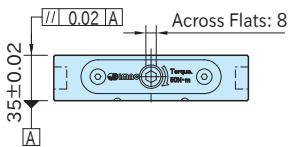
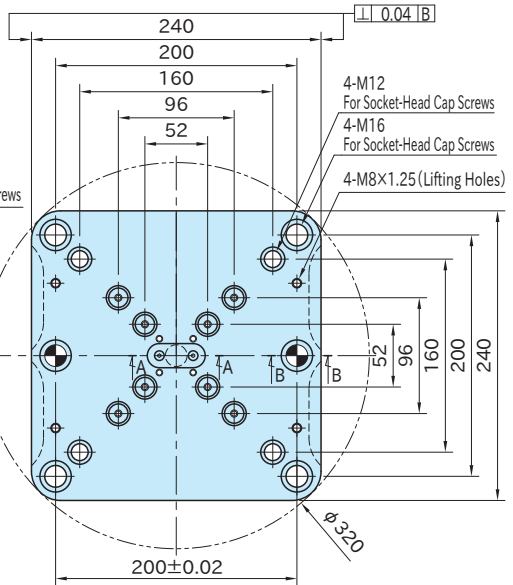
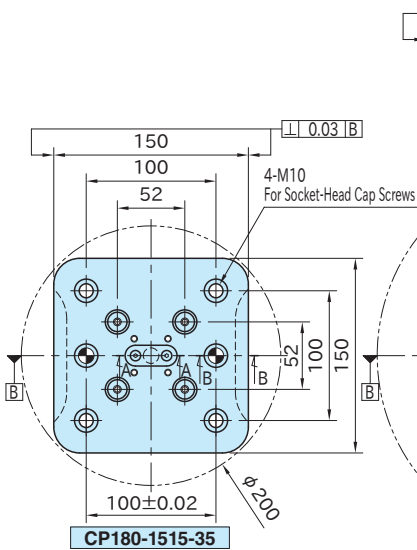


**CP180-2424-35**

## ★Key Point

Clamp the fixture by single operation!

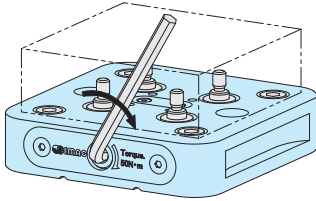
Body	Threaded Spindle	Clamping Socket
S50C steel Nitrocarburized HV 400 (Effective depth 0.1mm)	SCM440 steel Black oxide finished	S45C steel Black oxide finished



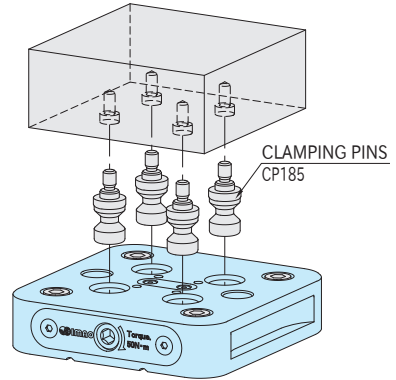
Part Number	d (H9)	d <sub>1</sub> (H9)	d <sub>2</sub>	Lc	Clamping Force (kN)	Allowable Tightening Torque (N·m)	Weight (kg)
CP180-1515-35	12	12	18	11	12	50	5
CP180-2424-35	18	18	26	17.5			13.5

## Feature

- Can be clamped by one operation.
- Pins are fully clamped by approx. 3 rotations of the clamping socket.

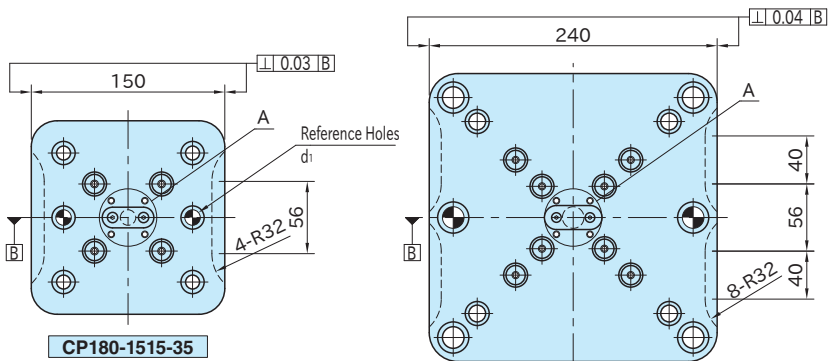


## How To Use



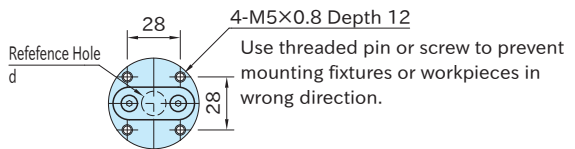
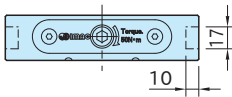
## How To Locate

Can be positioned by reference holes or finished side surfaces.



CP180-1515-35

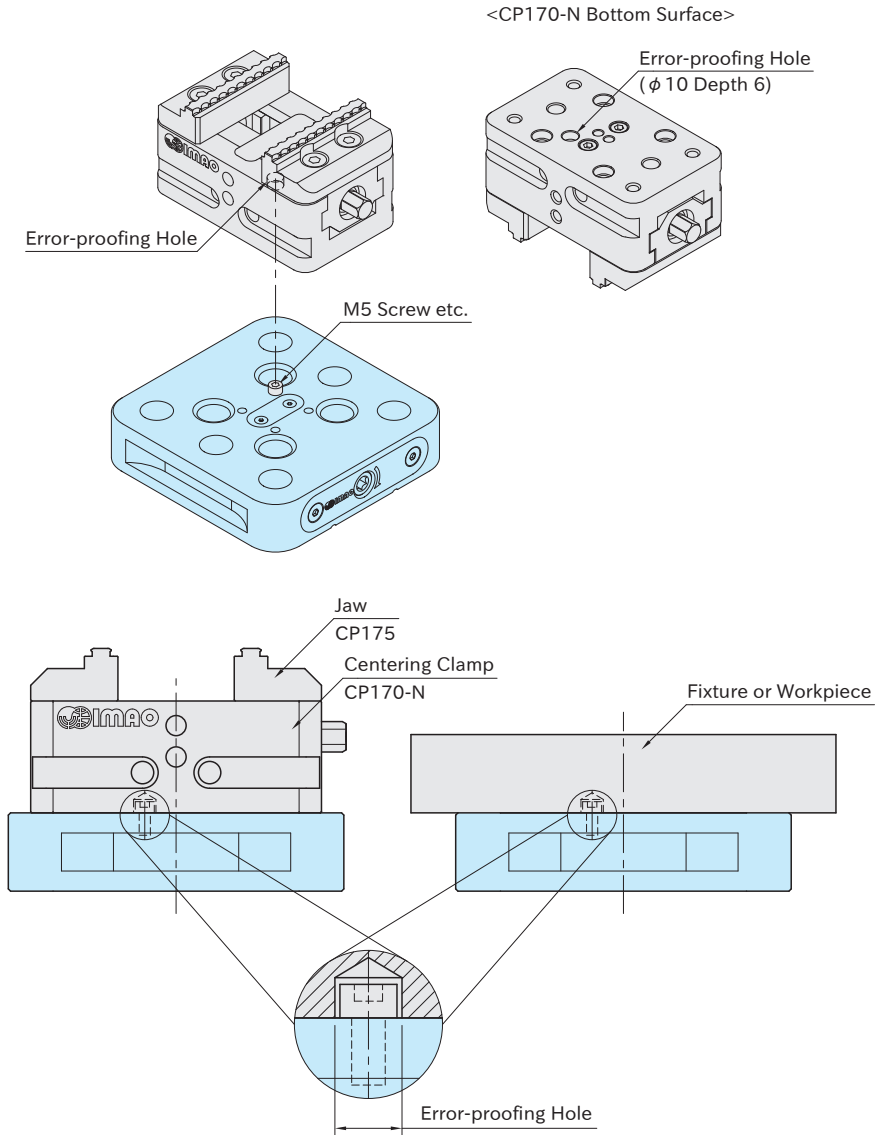
CP180-2424-35



Enlarged View:A

## ■ Usage Example of Error-proofing Hole

Prepare a screw etc. on M5x0.8 Depth 12 hole on [CP180](#) Flex Zero Base to prevent mounting [CP170-N](#) Centering Clamp in wrong direction.



### Technical Information

Repeatability: 5 μm

### Related Product

- [CP185](#) CLAMPING PINS
- [CP185-P](#) PROTECTING COVER
- [CP170-N](#) CENTERING CLAMPS