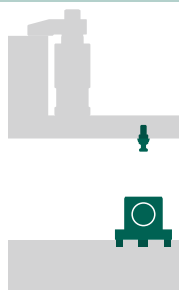
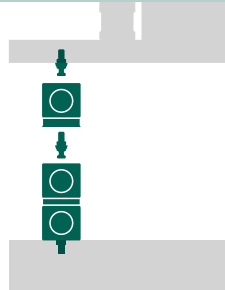


How To Use Modular Pull Clamping System



The Modular Pull Clamping System consists of clamping modules and clamping screws. Each module can be coupled to increase the height.



Clamping Modules

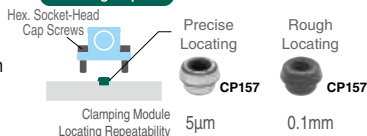


Flanged

Low profile, fixed with hexagon socket head cap screws

Part Number	Diameter (mm)	Height (mm)	Clamping Force (kN)
CP150-06025	30	25	5
CP150-08040	40	40	8
CP150-12063	60	63	15
CP150-16080	80	80	25
CP150-20100	100	100	35

Mounting on plate

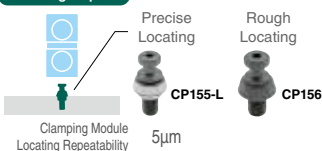


Double

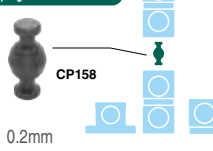
Flexible type with clamping mechanism on the top and bottom

Part Number	Diameter (mm)	Height (mm)	Clamping Force (kN)
CP151-06050	30	50	5
CP151-08080	40	80	8
CP151-12125	60	125	15
CP151-16160	80	160	25

Mounting on plate



Coupling with another module

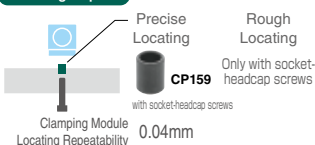


Single

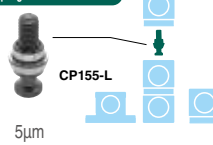
For precise coupling

Part Number	Diameter (mm)	Height (mm)	Clamping Force (kN)
CP152-06032	30	32	5
CP152-08050	40	50	8
CP152-12080	60	80	15
CP152-16100	80	100	25

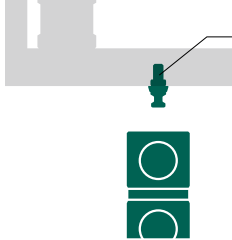
Mounting on plate



Coupling with another module



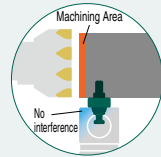
Clamping Screws



Mount to bottom of workpiece to pull it down

For machining close area to clamping module

To avoid tool interferences, raise workpieces with Riser Screws.



Tapered Clamping Screws (Round)

For Precise Locating



Overall surface is the reference.

CP155-L

With Riser



Overall surface is the reference.

CP155-LS

Workpiece Locating Repeatability (μm)

5

Tapered Clamping Screws (Diamond)

For Precise Locating



Diagonal surfaces are the references.

CP155-D

With Riser



Diagonal surfaces are the references.

CP155-DS

Workpiece Locating Repeatability (μm)

5

(Should be used with round type.)

Clamping Screws

No locating function.

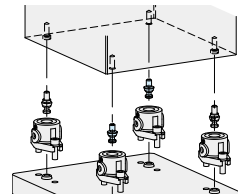


CP156

With Riser

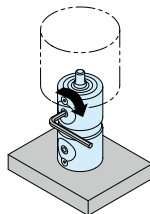
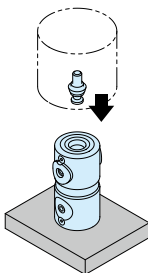


CP156-S



Clamping Operation

Install the clamping screw on the workpiece and mount it on the clamping module.
Tighten the locking screw of the clamping module.



Clamping / Unclamping is visible.

