Feature

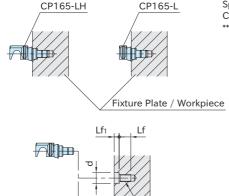
- · Each clamping screw has commercially available O-ring to prevent rotation and keep the direction of arrow marking.
- ·O-ring should be replaced by the customer when it is worn.

How To Use

Tapered Clamping Screws

Can be used for locating fixture plate or workpiece.

■Mounting-Hole Dimension

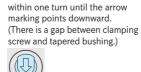


Size	d *)	Lf	Lf ₁	М
CP165-08001	12	13	5.5	M 8×1.25
CP165-12001	18	19	6.5	M12×1.75
CP165-16001	22	23	8	M16×2

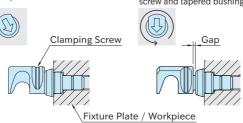
- *) The hole tolerance should be 0.010 when Tapered Clamping Screws are always mounted on the fixture plate. Fixture plate and tapered bushing fit tightly and keep the repeatability without chip incursion.
 - •The hole tolerance should be H7 when mounting on workpiece. Tapered bushing can be easily mounted / removed.

■Installation

 Fully tighten the clamping screw on fixture plate or workpiece.



2. Turn the screw counterclockwise



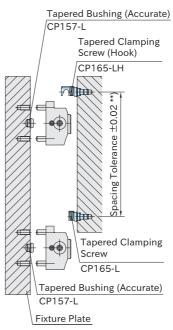
Clamping Screws

Can be used for just clamping.

■Spacing Tolerance

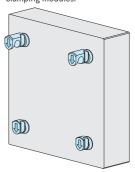
Spacing tolerance should be ± 0.02 for Tapered Clamping Screws.

**) Spacing tolerance should be ± 0.2 for Clamping Screws.



Note: Refer to the next page for the layout of the products.

3. Install the clamping screws into the clamping modules.



■Application Example

Tighten the hook type clamping screw firstly.

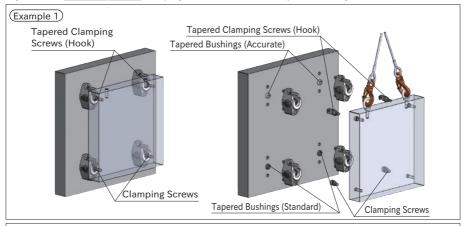
The first one becomes the reference.

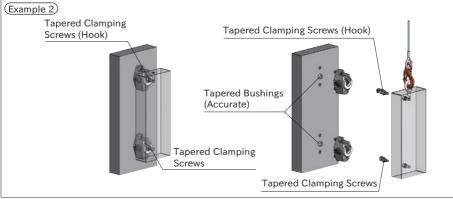
The products should be positioned as shown below.

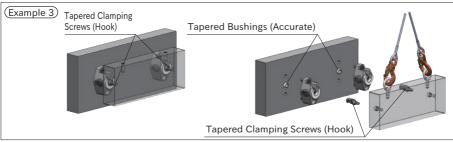
Do not remove the hoists until the unit fully clamped.

Note

<u>CP165-LH</u> <u>CP165-L</u> Tapered Clamping Screws and <u>CP157-L</u> Tapered Bushings (Accurate) should be used together, and <u>CP166-H</u> <u>CP166</u> Clamping Screws and <u>CP157-S</u> Tapered Bushings (Standard) are also.







Note: Use CP166-H CP166 Clamping Screws when locating of workpiece is not necessary.

Related Product

·CP160 Clamping Modules (Hook)

·CP165-LH Tapered Clamping Screws (Hook)

·CP165-L Tapered Clamping Screws

·CP166-H Clamping Screws (Hook)

·CP166 Clamping Screws