

How To Use FLEX LOCATORS (Through)

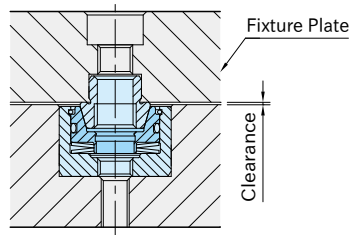
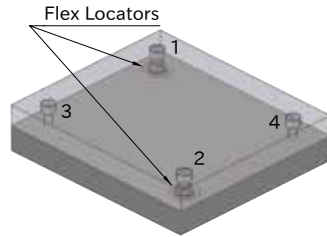
Tightening Order

1. Ensure that each plate is in close contact. *)
2. Tighten the screws temporarily in order of 1→2→3→4.
For temporary tightening, the tightening torque should be approximately 50% of the final tightening.
3. Tighten the screws finally in order of 1→2→3→4.

*) The fixture plate may be pushed up by the lifting force of [CP726](#) Locating Receivers.

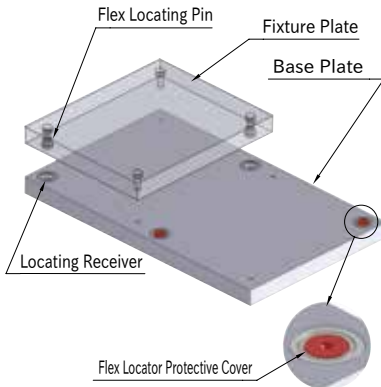
In such cases, tighten the screws loosely in order of 1→2→3→4, and make the each plate be in close contact with each other. Then tighten the screws temporarily. For the lifting force, see the measurement table of [CP726](#) Locating Receivers.

If the screws are not tightened in the correct order, the locating repeatability may exceed 10 μm.

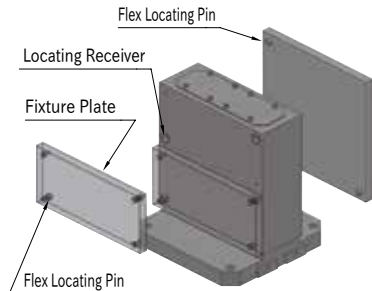


How To Use

Horizontal Assembly of Base Plate and Fixture Plate

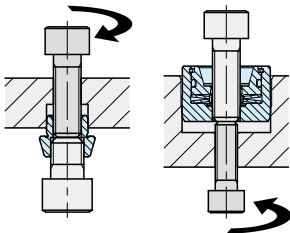


Vertical Assembly of Base Plate and Fixture Plate



How to Remove

For removal, insert screw into the tapped hole and screw it.



Flex Locating Pin

Locating Receivers

Size	Horizontal Assembly		Vertical Assembly	
	Max. Loading Weight (kg)	Locating Repeatability	Max. Loading Weight (kg)	Locating Repeatability
CP721	12025	220	150	10μm
15032	250	200		
CP726	20045	320	240	

Note: These values shown above are when 2 pairs of tapered Locating Pins and tapered Locating Receivers are used. When 4 pairs of tapered Locating Pins and tapered Locating Receivers are used, the maximum loading weight is double the above values.

Note: The maximum loading weight is the entire sum of the weight of fixture plates, fixtures and workpieces.

Note: When used in excess of the maximum loading weight, the locating repeatability may exceed the above values.