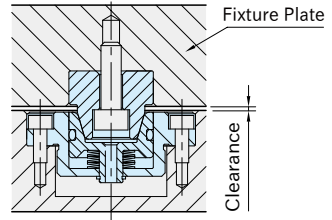
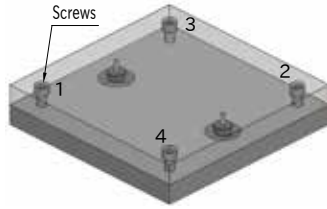


# How To Use FLEX LOCATORS (Blind)

## Tightening Order

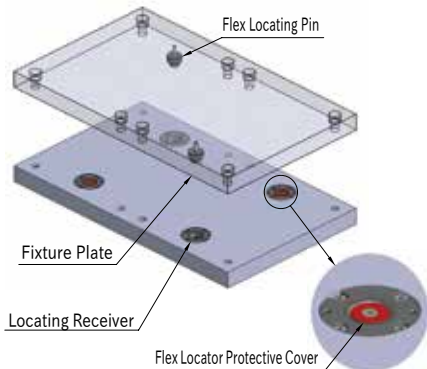
1. Ensure that each plate is in close contact.\*)
  2. Tighten the screws temporarily in order of 1→2→3→4.  
For temporary tightening, the tightening torque should be approximately 50% of the final tightening.
  3. Tighten the screws finally in order of 1→2→3→4.
- \*) The fixture plate may be pushed up by the lifting force of **CP725** 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 **CP725** Locating Receivers.



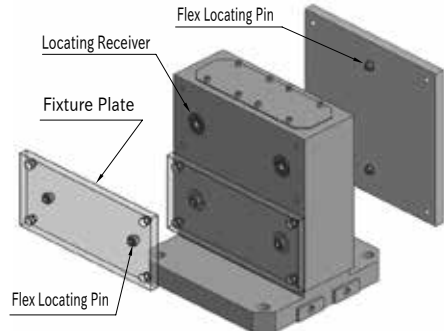
If the screws are not tightened in the correct order, the locating repeatability may exceed 10  $\mu$ m.

## How To Use

### Horizontal Assembly of Base Plate and Fixture Plate



### Vertical Assembly of Tooling Block and Fixture Plate



Size		Horizontal Assembly		Vertical Assembly	
		Max. Loading Weight (kg)	Locating Repeatability	Max. Loading Weight (kg)	Locating Repeatability
<b>CP720-16032</b>	<b>CP725-16032</b>	45	10 $\mu$ m	80	10 $\mu$ m
<b>CP720-10032N</b>					
<b>CP720-25050</b>	<b>CP725-25050</b>	70		120	
<b>CP720-15050N</b>					
<b>CP720-38070</b>	<b>CP725-38070</b>	160		200	
<b>CP720-20070N</b>					
<b>CP720-56095</b>	<b>CP725-56095</b>	280		220	
<b>CP720-30095N</b>					

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.