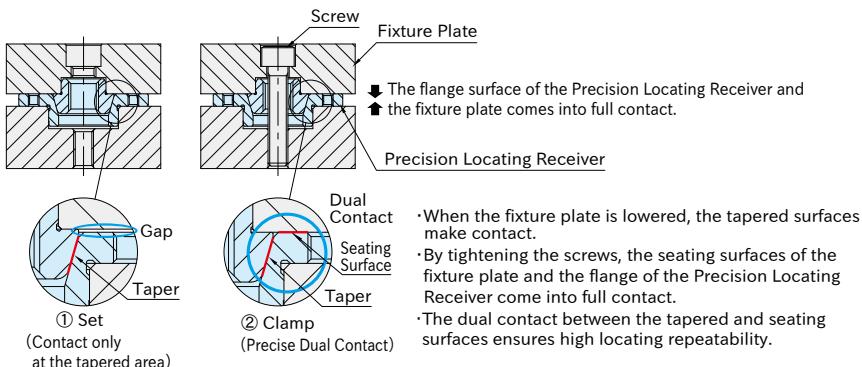


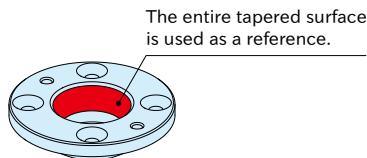
How To Use PRECISION FLEX LOCATORS

Feature

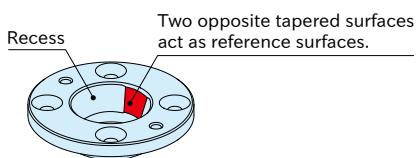


Function

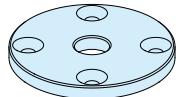
Round Receiver – Used for reference positioning
Locating with Round Receiver for full-surface reference



Diamond Receiver – Used for rotational positioning
Locating with Diamond Receiver for directional positioning

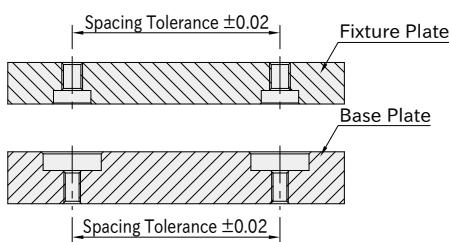


Spacer Type – Used where no locating is required
Supporting with Spacer Receiver



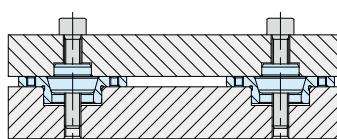
Accuracy

Machining Accuracy



Repeatability

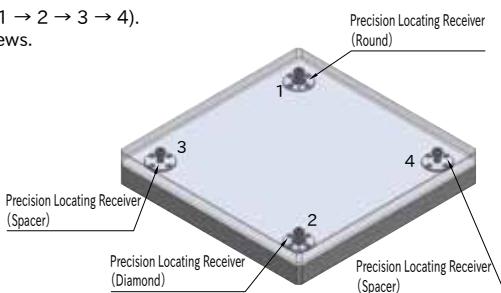
Repeatability: 5 μm



Tightening Order

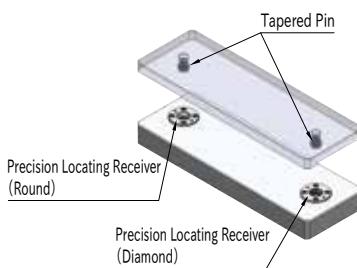
- Temporarily tighten the screws in the order of 1 → 2 → 3 → 4 using the minimum tightening torque.
- Perform final tightening in the same order (1 → 2 → 3 → 4). Make sure to apply torque evenly to all screws.

Size	Screw Size	Minimum Tightening Torque (N·m)
20038	M 6	5
CP780-L 28052	M 8	15
CP780-D	M10	20
CP780-W 36065	M12	40
50085	M16	70

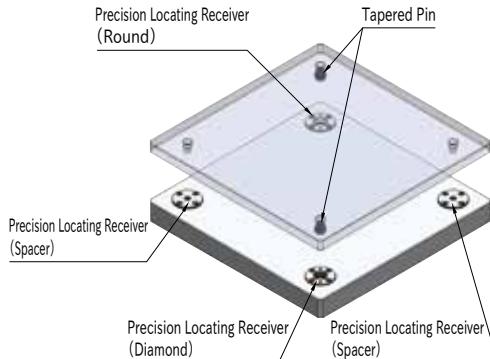


Application Example

Use of 2 Locators



Use of 4 Locators

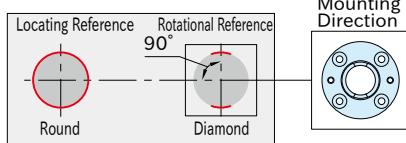


■ Layout of Receivers

Mount the round receiver and diamond receiver as shown in the figure below.

The orientation of the diamond receivers changes between 2-point and 4-point locating to ensure proper rotational positioning.

Use of 2 Locators



Use of 4 Locators

