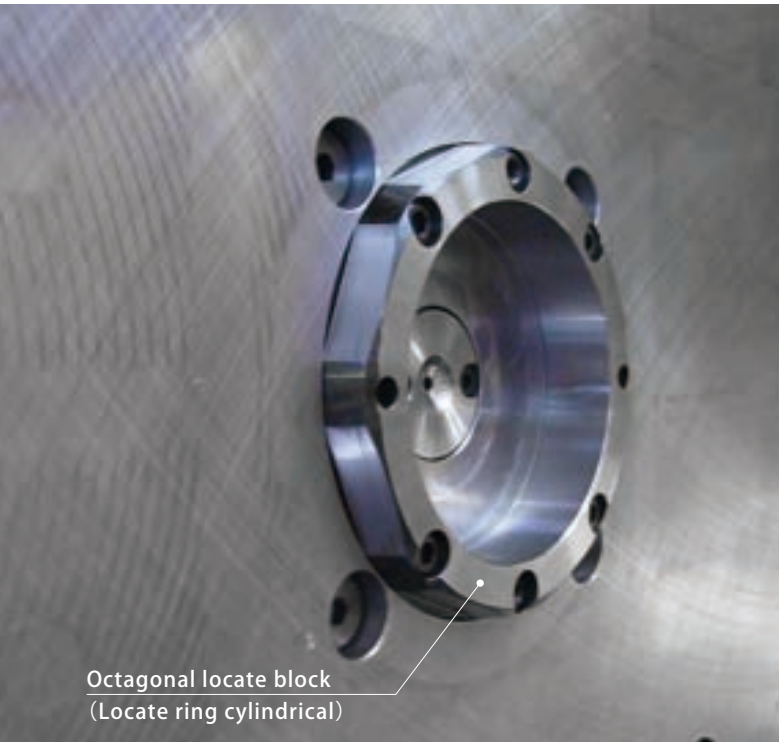


Mold positioning for insert / hoop molding

For improvement of mold set-up time.

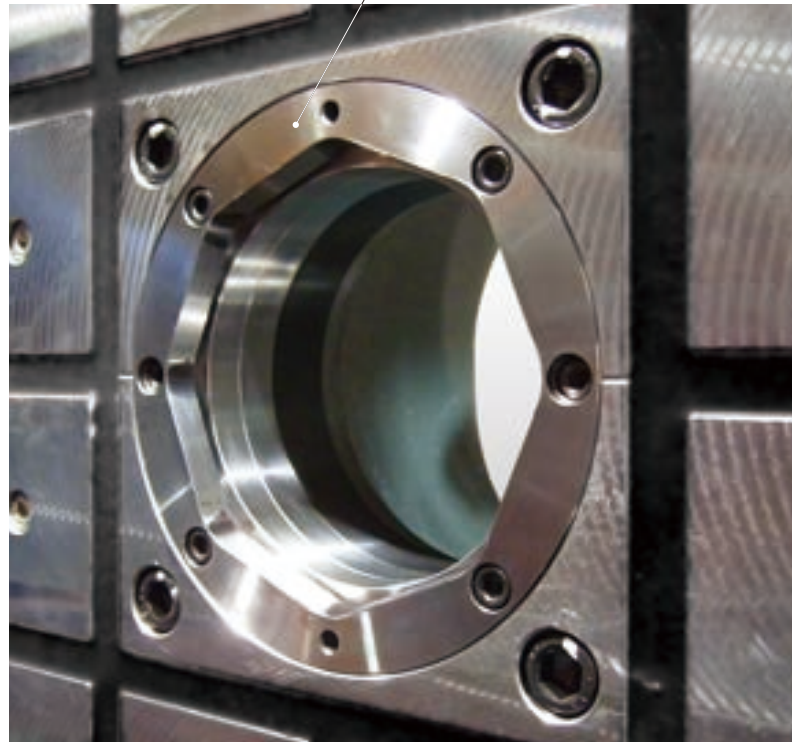
The use of octagonal locate ring (octagonal taper cone) provides easy positioning, eliminating need for retraining of robot.

Mold side

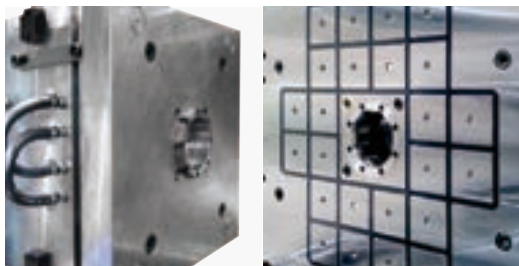


Octagonal locate block
(Locate ring cylindrical)

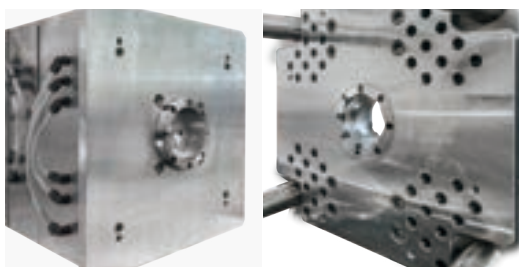
Fixed platen side



Octagonal locate ring
(Base)



1,800kN (180ton) IMM vertical loading
Octagonal locate ring & Mag clamp



500kN (50ton) IMM vertical loading
Octagonal locate ring

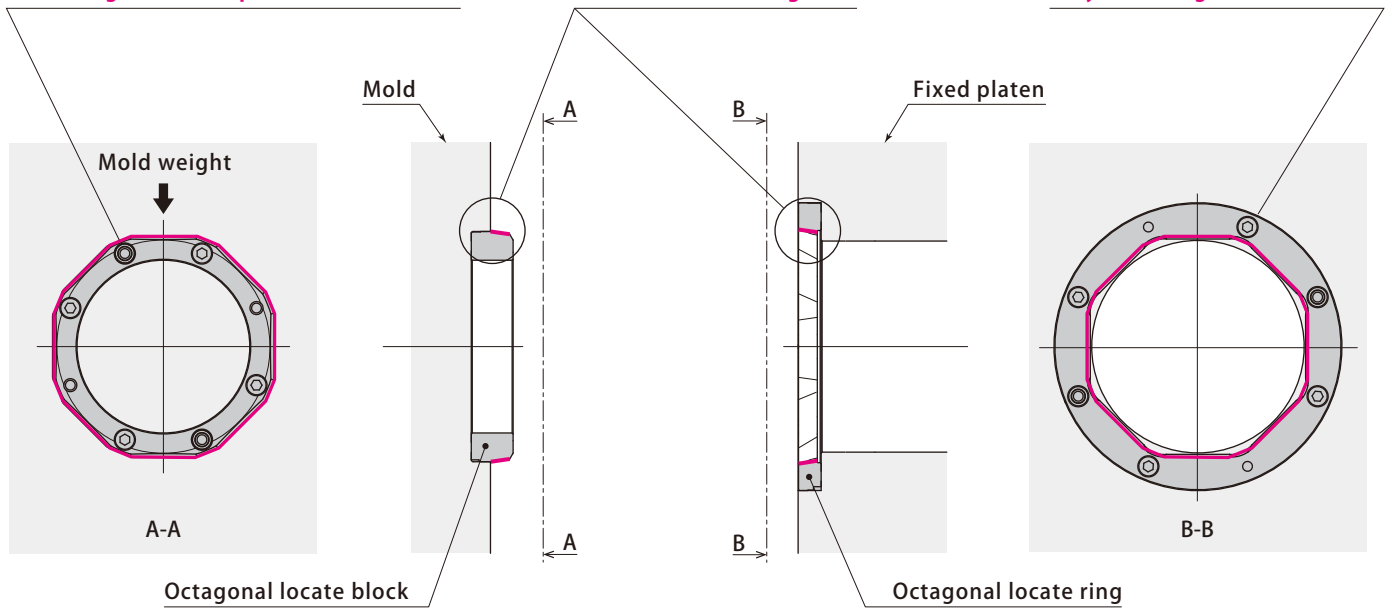


500kN (50ton) Vertical IMM
Octagonal locate ring (positioning for upper mold)
& Rollers

High rigidity can be obtained by receiving mold weight on multiple faces.

Taper allows easy mold setting.

Restrained 8-faces can provide easy centering.



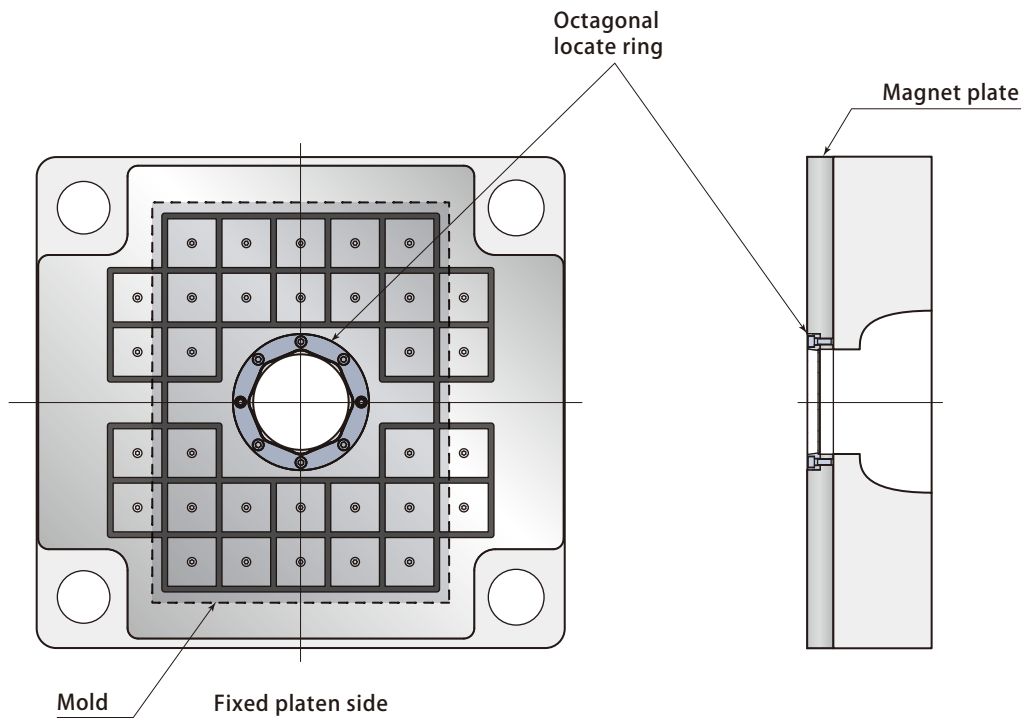
Octagonal locate block



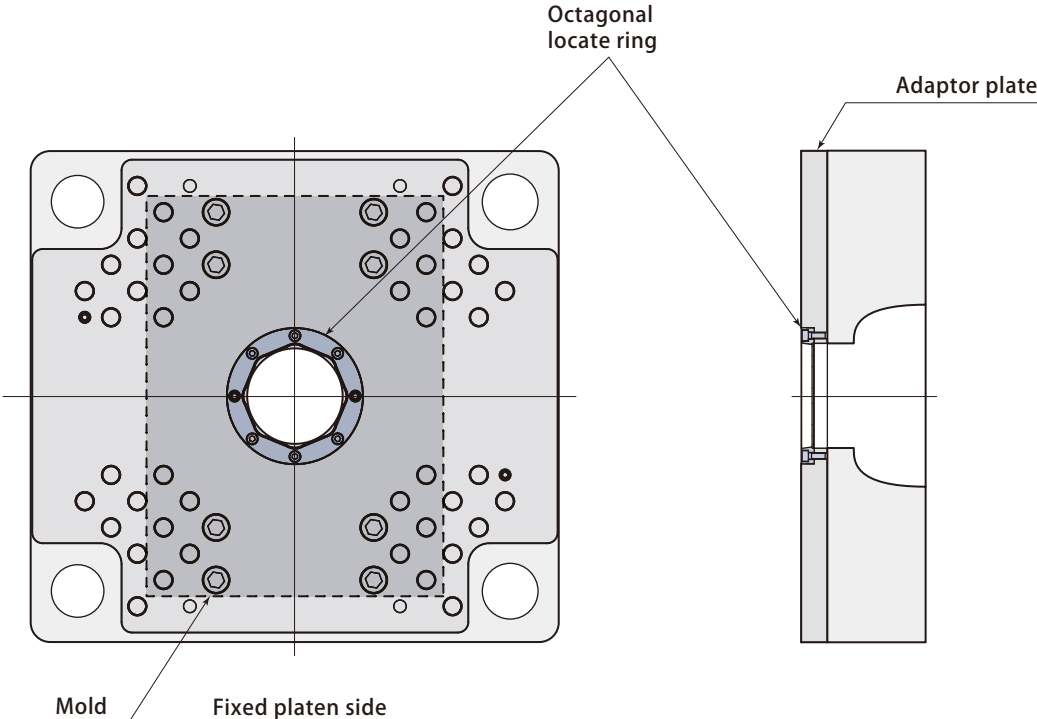
Octagonal locate ring

| Model | | MCL070 | MCL100 | MCL120 |
|-------------|-------------------|--------------------------------|----------------|----------------|
| Ring size | mm | 70 equivalent | 100 equivalent | 120 equivalent |
| Applied IMM | Clamping force | kN (ton) | | |
| | Loading direction | Up to 2000 (200) | | |
| | | Vertical loading, Vertical IMM | | |

Mag clamp & Octagonal locate ring
(When the ring mounted in magnet plate)



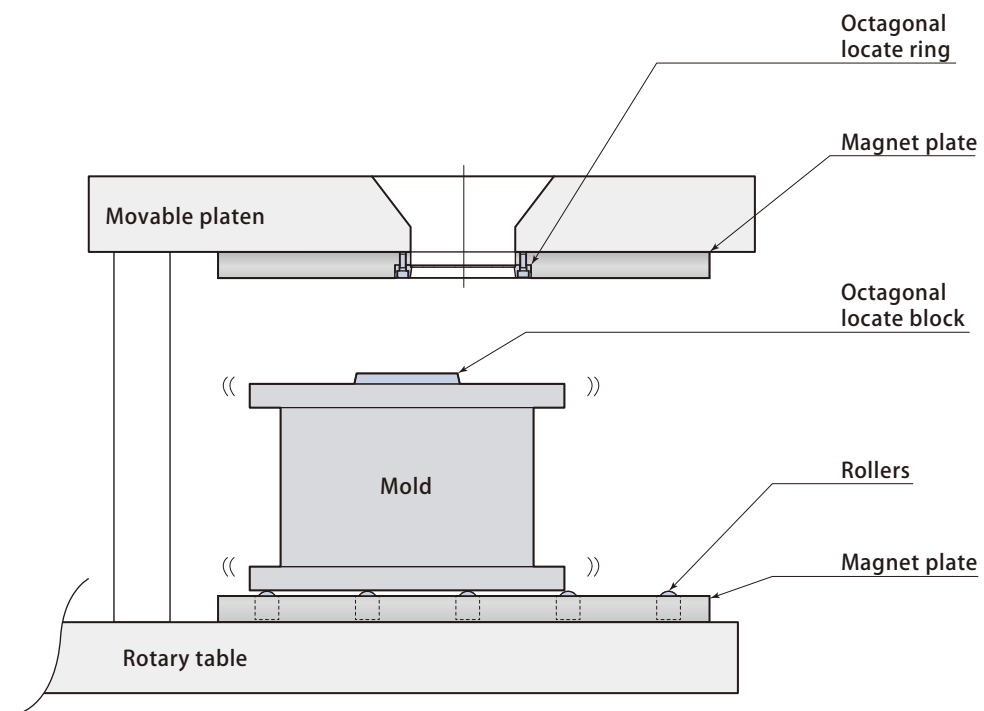
Adaptor plate & Octagonal locate ring
(When using a automatic clamp or a manual clamp)



- Positioning can easily be completed by sliding the mold on rollers checking visually the alignment of mounting the octagonal locate block and the octagonal locate ring. (On the basis of upper side)
- It can eliminate positioning the mold by pushing to a parallel pin as positioning block.

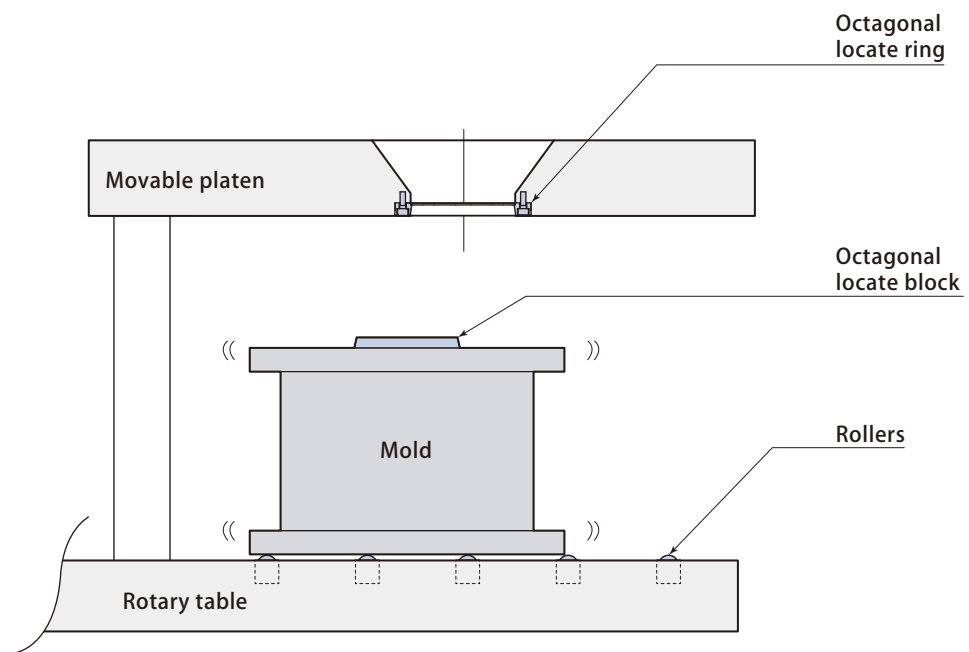
Mag clamp & Octagonal locate ring & Rollers

(When the ring mounted in magnet plate)



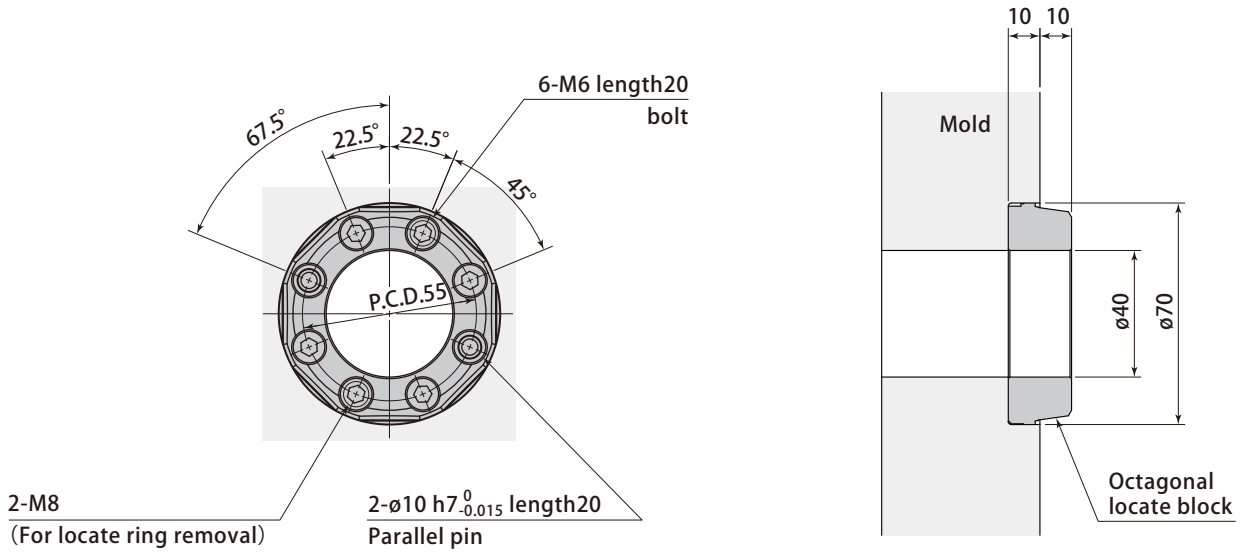
Octagonal locate ring & Rollers

(When using a automatic clamp or a manual clamp)

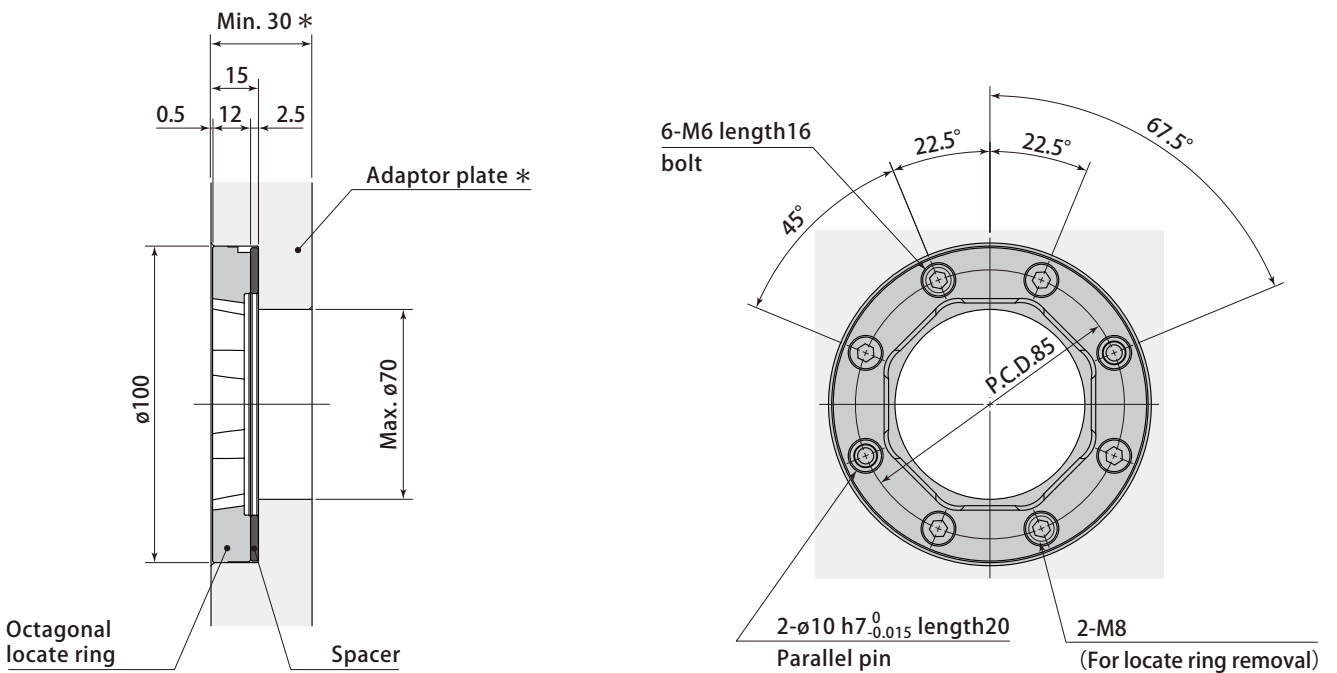


Dimensions

Octagonal locate block
(MCL070P)



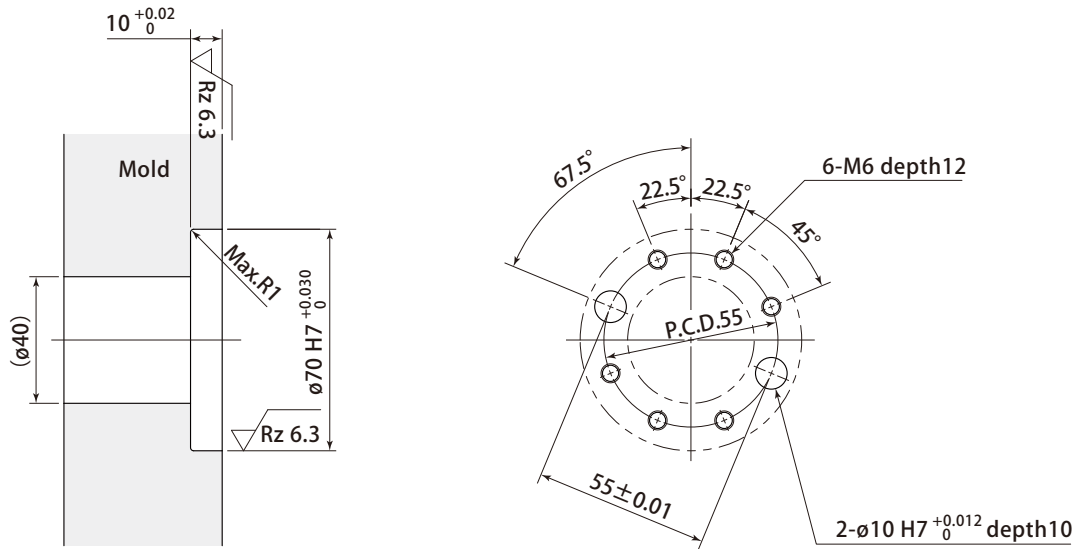
Octagonal locate ring
(MCL070S)



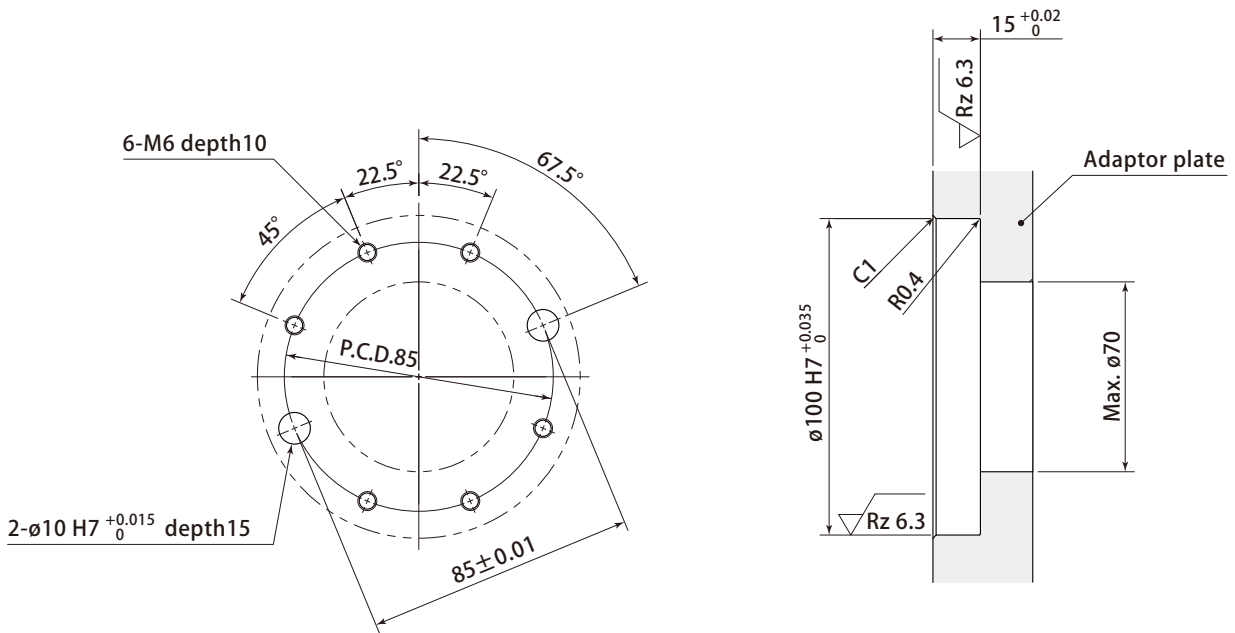
The adaptor plate thickness should be over 30mm when it is mounted on the plate.

Mounting details

Octagonal locate block
(MCL070P)

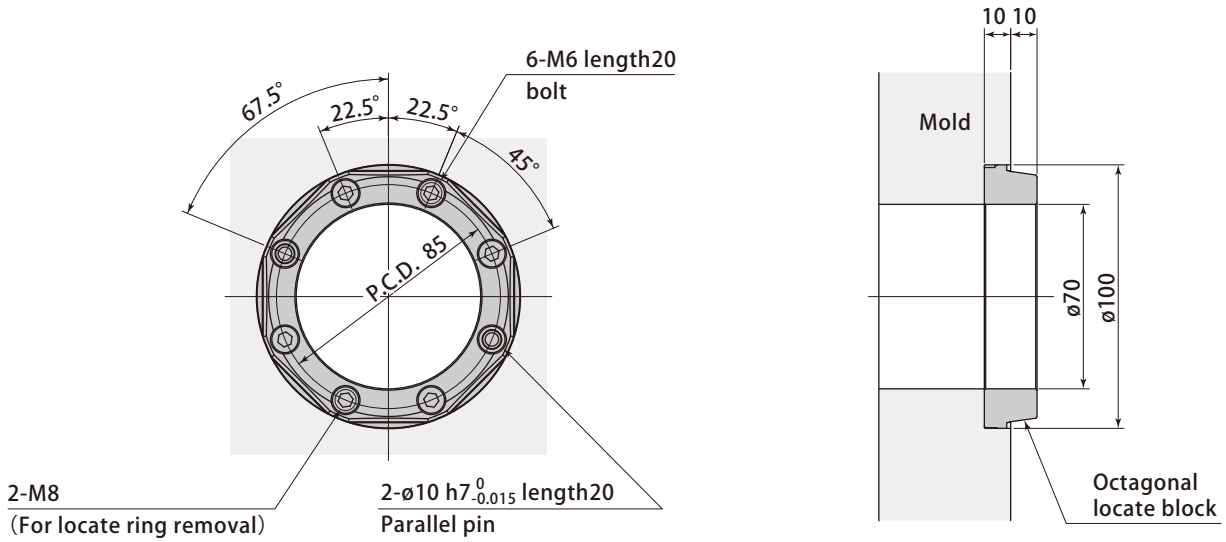


Octagonal locate ring
(MCL070S)

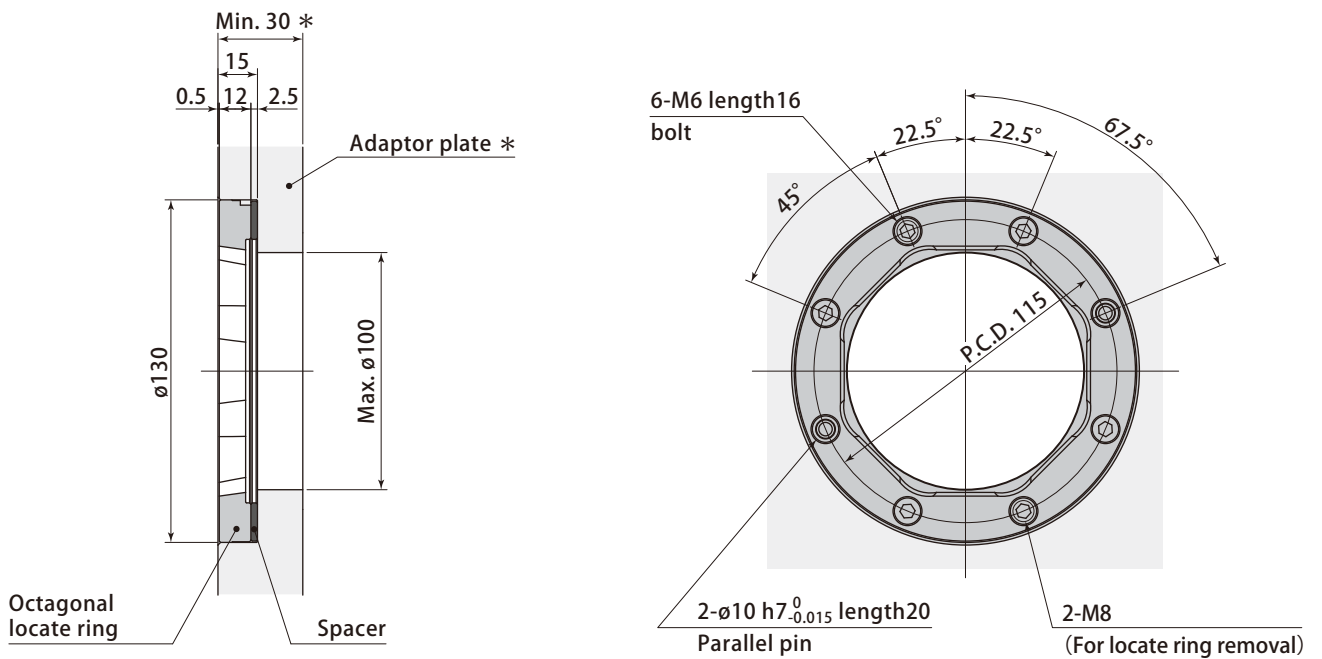


Dimensions

Octagonal locate block
(MCL100P)



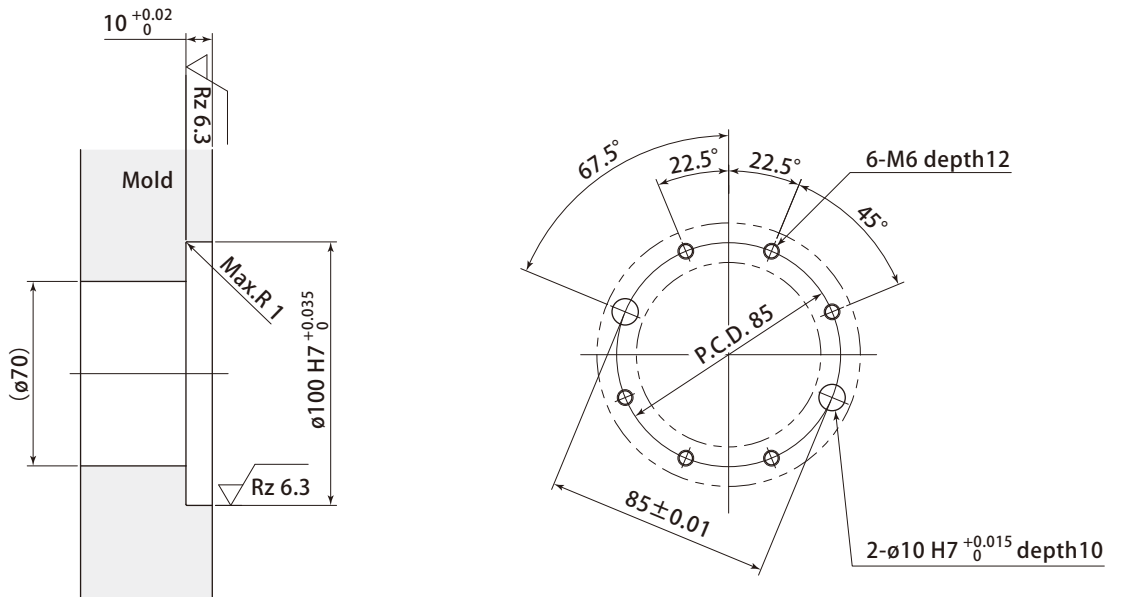
Octagonal locate ring
(MCL100S)



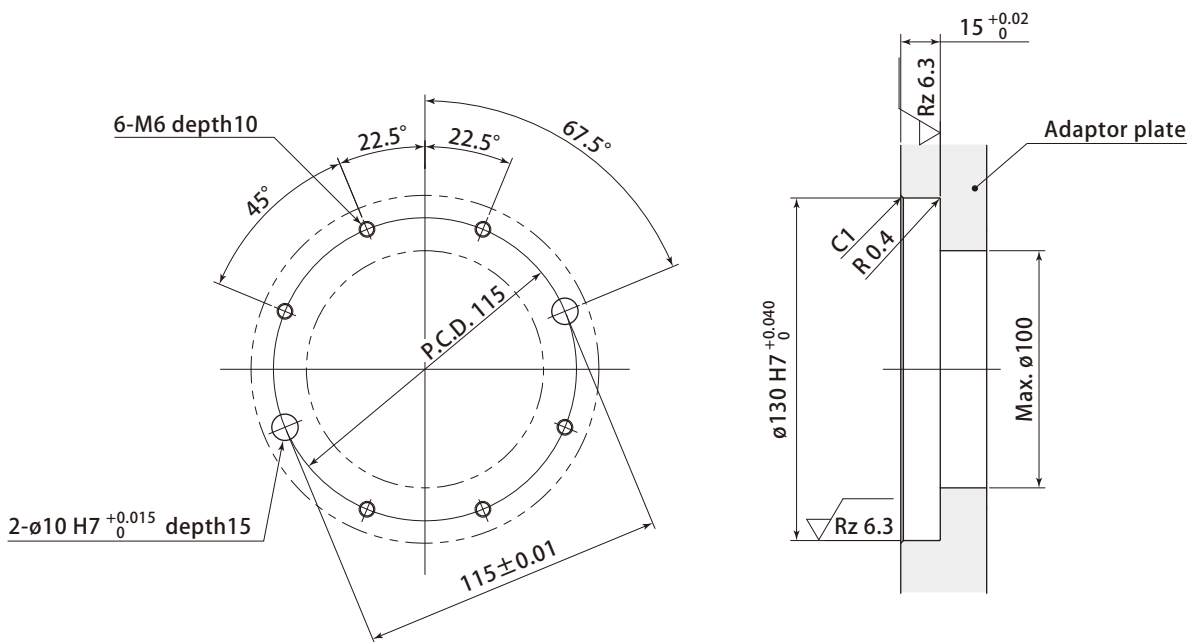
The adaptor plate thickness should be over 30mm when it is mounted on the plate.

Mounting details

Octagonal locate block
(MCL100P)

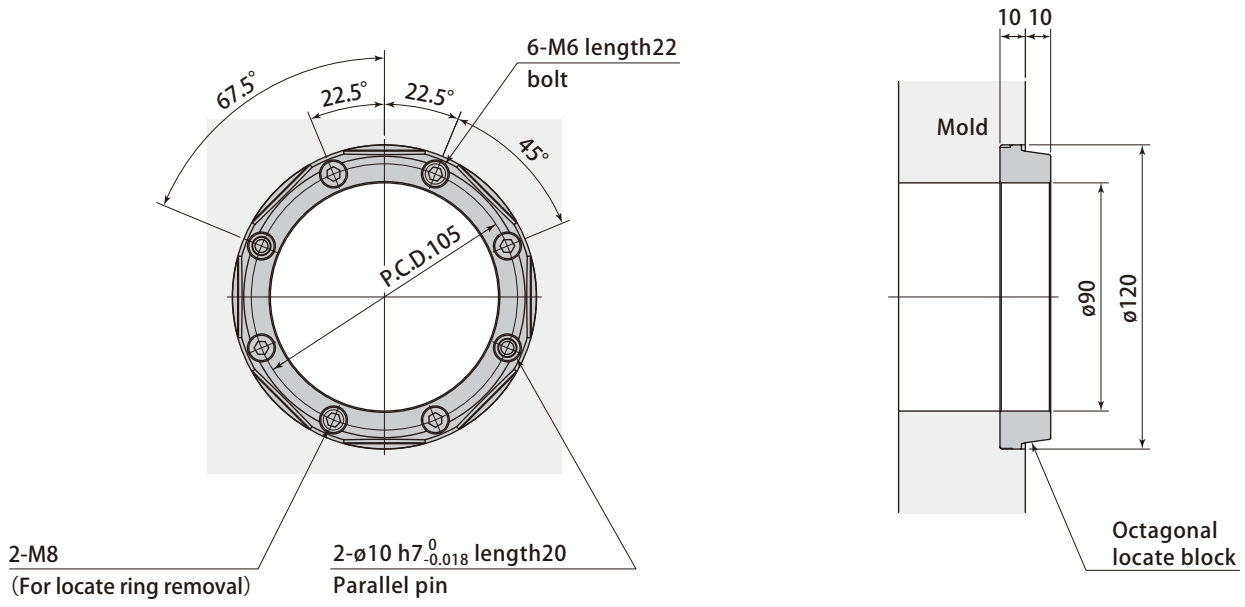


Octagonal locate ring
(MCL100S)

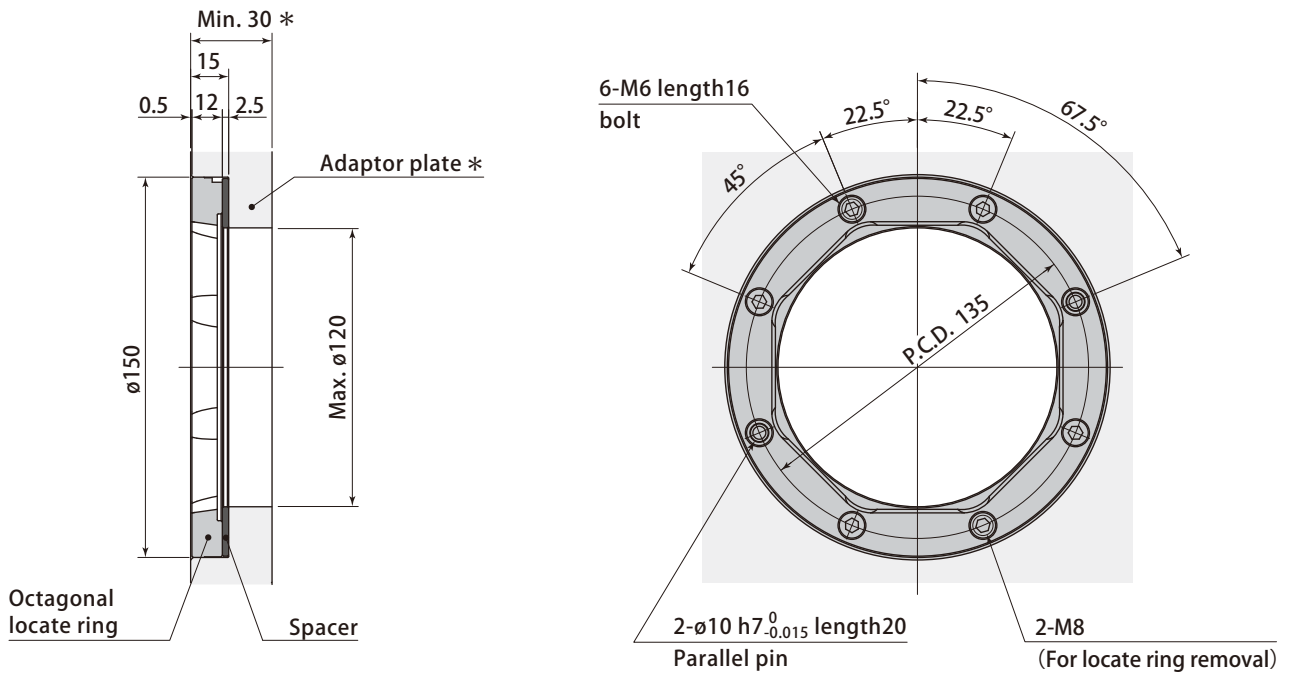


Dimensions

Octagonal locate block
(MCL120P)



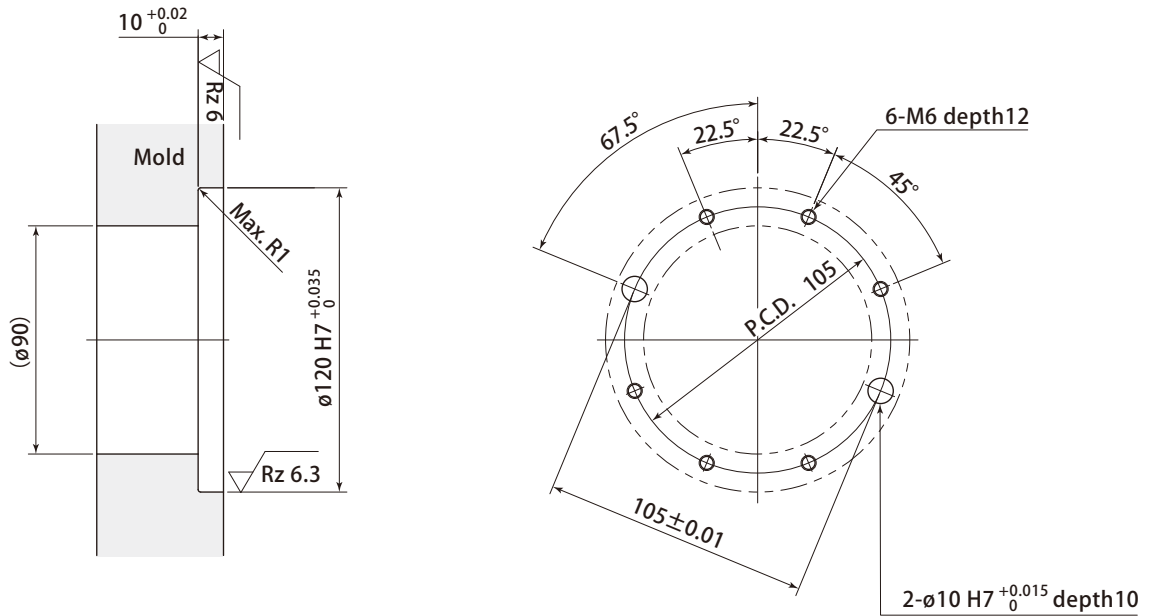
Octagonal locate ring
(MCL120S)



The adaptor plate thickness should be over 30mm when it is mounted on the plate.

Mounting details

Octagonal locate block
(MCL120P)



Octagonal locate ring
(MCL120S)

