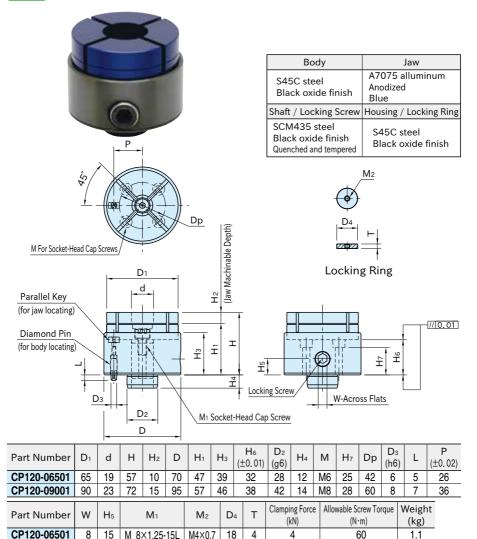
# **OD HOLDING CLAMPS**

IMAO R⊕#S



## 10 **Technical Information**

M10×1.5 -20L

M5×0.8

- ·Part locating repeatability: ±0.03
- ·Jaw locating repeatability: ±0.02

#### **Supplied With**

·1 of locking ring

CP120-09001

- ·1 of diamond pin
- ·1 of socket-head cap screw

## 6 Note

·Do not tighten the clamp screw without the workpiece set to prevent damage and deformation.

100

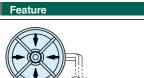
2.6

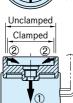
· Do not machine the jaw beyond the machinable depth.

### **Related Product**

6

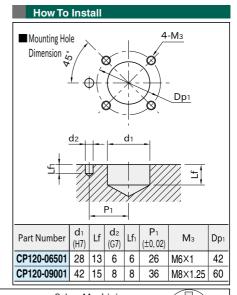
- · CP121 Jaws
- · CP122 Mounting-on-lathe Adapters

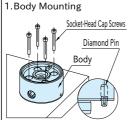




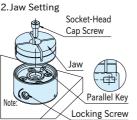
- When the locking screw is tightened, the central bottom part of the jaw is pulled down.
- 2At the same time the 4 jaw sections tilt toward the center to clamp the circumference of a part.
- ·The diaphragm claming mechanism allows securely clamping a part with 4 jaw sections.
- Different irregularly-shaped parts can be clamped.
- ·The allowable compression diameter is 0.6 mm, making it ideal for lost wax, die cast, extruded, drawn, and premachined workpieces.

#### **How To Use**

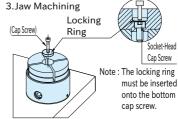




Insert an included diamond pin into the body for locating, and then secure the body to the fixture plate with 4 socket-head cap screws.

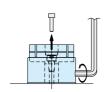


Engage the keyway on the bottom of the jaw with the parallel key on the (1) Set the locking ring in the jaw. top of the body, and then secure the jaw with an included cap screw. Note: At jaw installation, ensure the locking screw is fully loosened by turning it counterclockwise



(using a cap screw facilitates setting)

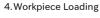
Socket-Head Cap Screw

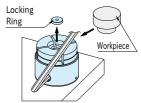


(2) Tighten the locking screw to clamp the locking ring. (3) Machine the jaw to the (Tighten with half of the allowable screw torque or more.) After clamping the screw, remove the screw from the locking ring.

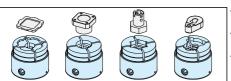
until it stops. Machinable Depth

contours of workpiece.





- · Loosen the cap screw to remove the locking ring.
- Load the workpiece and tighten the clamping screw for clamping.
- \*) Following the above steps for jaw machining, the clearance between the jaw and the workpiece will be 0.3 mm in diameter.



Tightening the locking screw on the side of the body allows holding a part on its circumference. Machinable jaws allow clamping parts of various

Ideal way to hold parts for machining on smallsize machining centers, tapping centers, smallsize 5-axis machines, CNC rotary tables, etc.