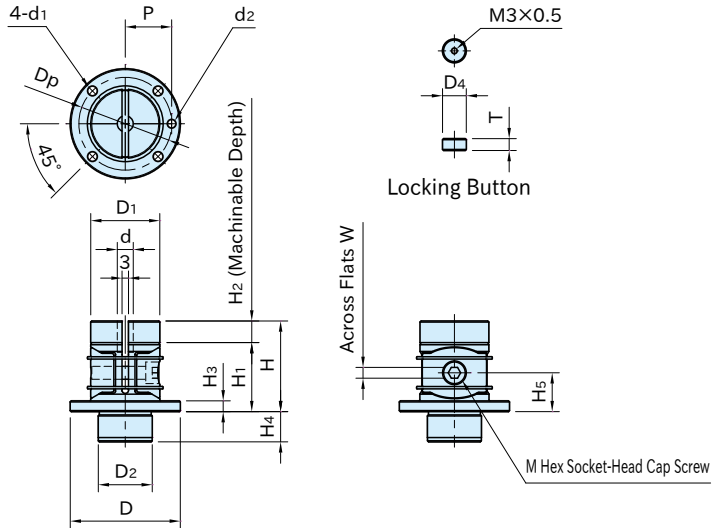


CP123

OD HOLDING CLAMPS (Wedge Style/Round)



Body	Wedge
S45C steel Black oxide finished	S45C steel Black oxide finished Quenched & tempered



Part Number	D ₁	d	H	H ₂	D	H ₁	H ₃	D ₂ (g7)	H ₄	d ₁	D _p	d ₂	P
CP123-03201	32	7.4	42	10	51	32	5	25	14	4.5	43	5	21.5
CP123-05001	50	11.4	63	15	75	48	7	40	19	5.5	65	6	32.5

Part Number	M	W	H ₅	D ₄	T	Clamping Force (kN)	Allowable Screw Torque (N·m)	Weight (kg)
CP123-03201	M 6×1 -25L	5	18	7	3.5	3	9	0.33
CP123-05001	M10×1.5-35L	8	27	11	5.5	7	42	1.2

Technical Information

Part Locating Repeatability ±0.08

Supplied With

- 1 of locking button
- Spring pin
(φ 5×10L for CP123-03201)
(φ 6×14L for CP123-05001)

Note

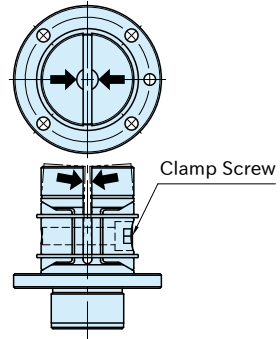
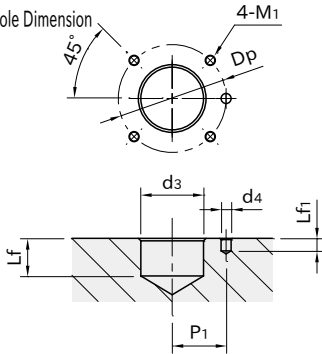
- Do not tighten the clamp screw without the workpiece set to prevent damage and deformation.
- Do not machine the jaws beyond the machinable depth.

Feature

- When the clamp screw is tightened, both jaws tilt toward the center to clamp the circumference of the workpiece.
- The clamping stroke is 1 mm.
- Cutting the machinable jaw to the contour of workpiece allows holding different shapes.
- Simple and compact design permits multiple-parts holding arrangement.

How To Use

■ Mouting-Hole Dimension

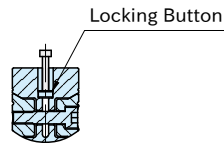
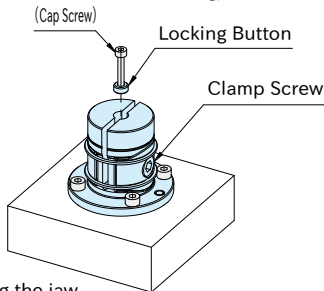


Part Number	d ₃ (H7)	Lf	d ₄ ($\begin{smallmatrix} +0.12 \\ 0 \end{smallmatrix}$)	Lf ₁	P ₁ (±0.05)	M ₁	Dp
CP123-03201	25	15	5	5	21.5	M4×0.7	43
CP123-05001	40	20	6	7	32.5	M5×0.8	65

■ How to Machine Jaw

1. Setting the locking button

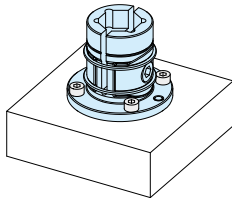
Insert the locking button into the jaw, and then tighten the clamp screw to fasten the locking button.
(Using a cap screw facilitates setting)



Note: The locking button must be inserted onto the bottom.

2. Machining the jaw

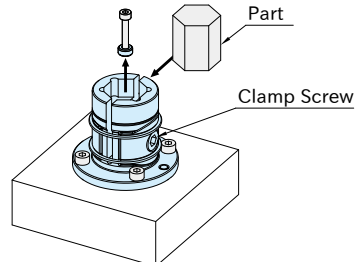
Cut the jaw to the contours of the part.



Note: Do not cut beyond the machinable depth.

3. Loading the part

Loosen the clamp screw to remove the locking button. Load the part and tighten the clamp screw for clamping.



*) Following the above steps for jaw machining, the clearance between the jaw and the workpiece will be 0.5 mm.