

MBSID

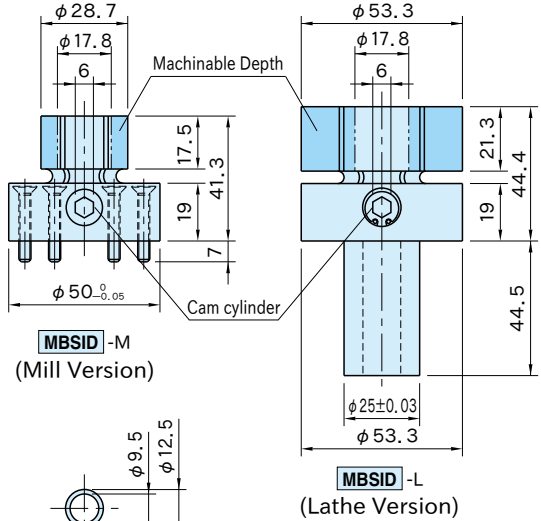
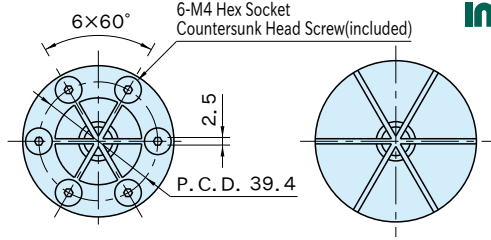
SIDE LOCK ID HOLDING CLAMPS



MBSID -M
(Mill Version)

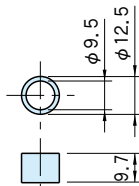


MBSID -L
(Lathe Version)



MBSID -M
(Mill Version)

MBSID -L
(Lathe Version)



Locking Ring(included)

Body	Cam cylinder	Tapered Plunger	Spring
SUM24L Steel Black oxide finished	SCM440 steel Black oxide finished HRC39~45	SCM440 steel Fluoroplastic coated HRC52	SWP

Part Number	Adaptable Workpiece Dia. *)	Clamping Force (kN)	Allowable Screw Torque (N·m)	Recommended Expansion Range of Dia **)	Allowable Expansion of Dia.	Weight (g)
MBSID-M	$\phi 17.8 \sim \phi 28.7$	15	47	0.02~0.18	0.30	358
MBSID-L	$\phi 17.8 \sim \phi 53.3$					720

*) You need to machine the clamp to suit the diameter of your workpieces.

**) The recommended tightening torque to machine the diameter for custom fit is 13.5N·m.

Furnished Parts

- 1 of locking ring
- **MBSID**-M : 6 of hex socket countersunk head screws

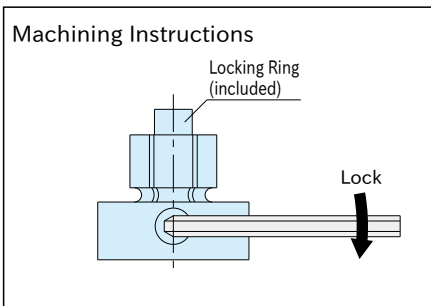
Features:

- Can hold workpieces on an inside diameter by turning a socket head cam cylinder on the side.
- Perfect for multiple-parts holding arrangement.
- Can be machinable to suit your workpieces.

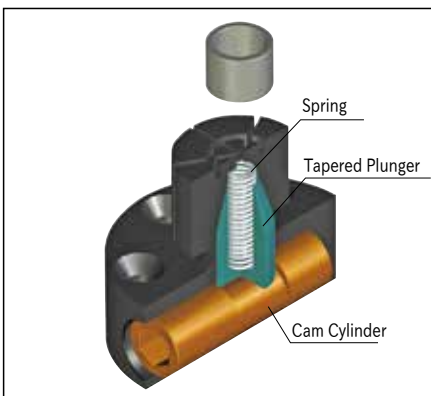
Notes:

- Do not tighten the clamp screw without the workpiece set to prevent damage and deformation.
- The minimum radius of corners at the machined part should be 0.5mm for clamping small workpieces. To prevent stress concentration on these corners, make the radius as large as possible.
- If the radius will interfere with the bottom of the workpiece bore, we suggest a ring or rest-pads be fixed to the flange.

How To Use



Insert the locking ring to the groove of the upper surface and clamp it, and then machine the clamp to your bore size.



Rotating the cam cylinder both clockwise and counterclockwise expands the clamp.