

PNEUMATIC PULL CLAMPS

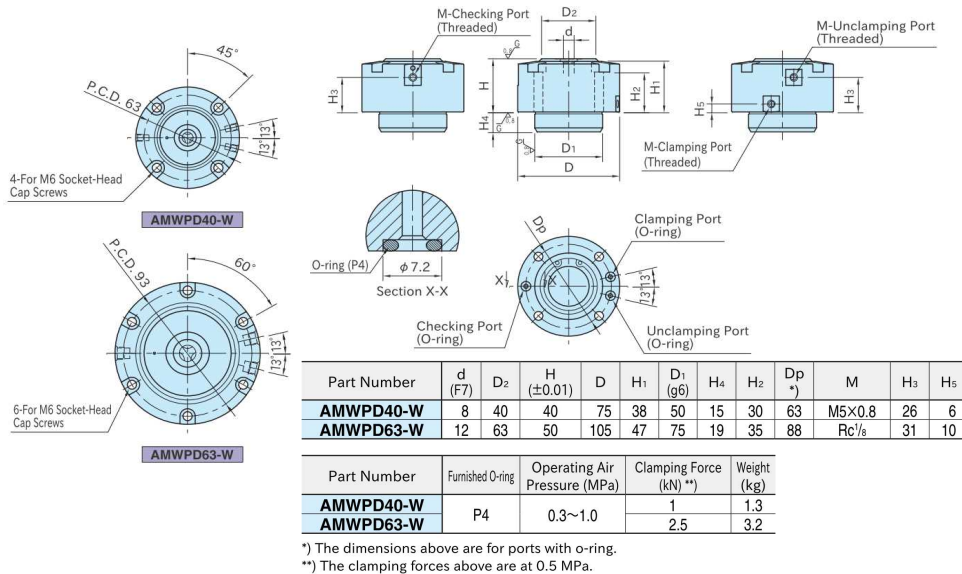
INSTRUCTIONS

AMWPD40-W
AMWPD63-W

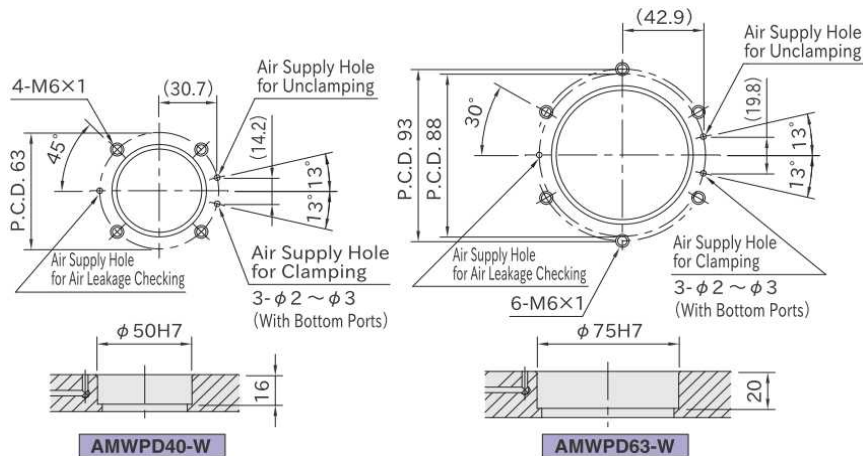
Precautions

This product is normally in clamping condition by spring force.
Clamping Pins / Screws cannot be inserted to the clamp without air supply.
Supply air to the unclamping port and set the workpiece.

Specifications



Hole Preparation



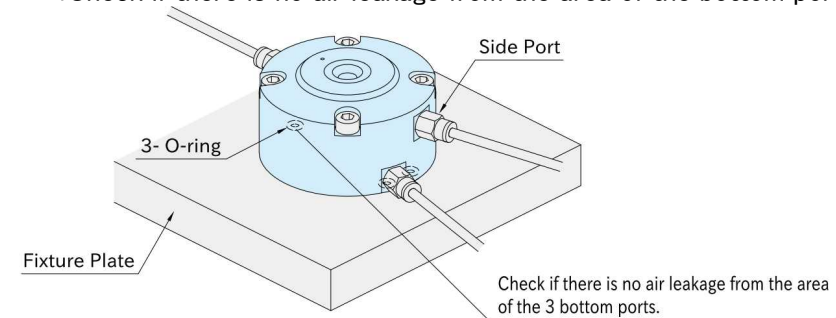
How To Use

1. How To Mount

Two options for air supply from ports on Side or Bottom.

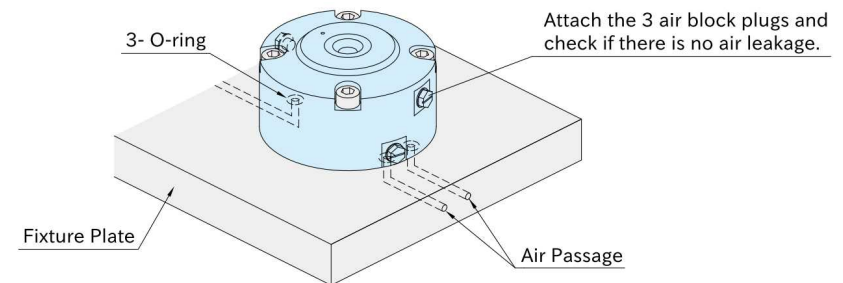
(1) Side Ports

- Remove the air block plugs from the side ports and attach fittings to the ports.
- Attach the furnished o-rings to the bottom ports.
- Plate surface must be flat ($\nabla^{6.3}$) to get the bottom ports sealed up.
- Check if there is no air leakage from the area of the bottom ports.



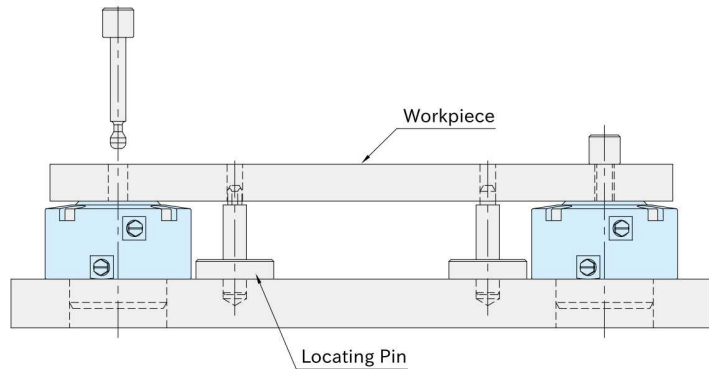
(2) Bottom Ports

- Attach the furnished o-rings to the bottom ports.
- Plate surface must be flat ($\nabla^{6.3}$) to get the bottom ports sealed up.
- Refer to the figure below for the hole details.
- Ensure that the furnished air block plugs are attached to the side ports.

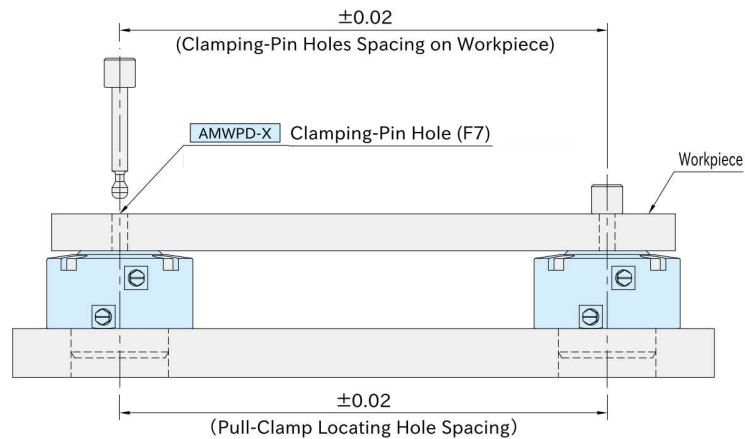


2. How To Locate Workpiece

(1) Use with Locating Pins

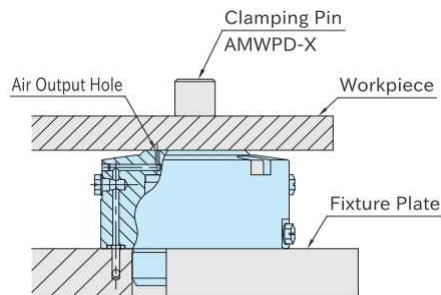


(2) Use Pneumatic Pull Clamp for Positioning Locating Accuracy ± 0.08



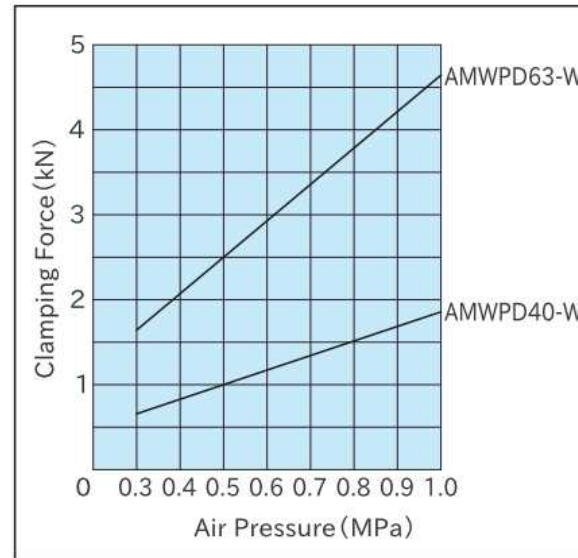
3. Checking Hole

Apply air through the air output hole to check if the workpiece is clamped correctly.



Technical Information

<Performance Curve>



<Allowable Counterforce (Per Clamp)>

Part Number	Max. load (N)
AMWPD40-W	Clamping force $\times 2$
AMWPD63-W	

Precautions

- Use clean air by removing dust with filter or draining with dryer.
- Impure compressed air may cause malfunction of the products.
- Use of a lubricator is recommended.

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