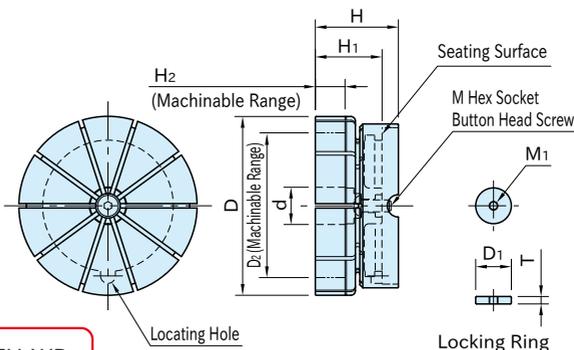


AMWFH-O

JAWS FOR EXTERNAL FORM HOLDING



Jaw	Locking Ring
A7075 aluminum Anodized Blue	S45C steel Black oxide finish



★Key Point

Machinable jaws for AMWFH-WP

Part Number	D	d	H	H ₁	H ₂	D _z *)		M	M ₁	D ₁	T	Weight (kg)	Pneumatic Clamping Modules	Clamping Pins
						min.	max.							
AMWFH105-1200	120	25	56	45	20	26	110	M 8×20L Across Flats 5	M6×1	24	5	1	AMWFH105-WP	AMWFH105-M 8S
AMWFH140-1600	160	29	64	53	25	30	150	M12×25L Across Flats 8	M8×1.25	28	6	2.2	AMWFH140-WP	AMWFH140-M12S

*) Values are for reference only. The remaining jaw thickness should be determined considering the machining load.

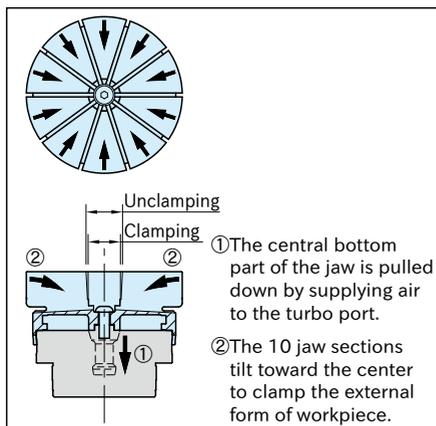
Supplied With

- 1 of Locking Ring
- 1 of Hex Socket Button Head Screw

Technical Information

- Workpiece locating repeatability: ±0.03
- Jaw locating repeatability: ±0.02

Feature



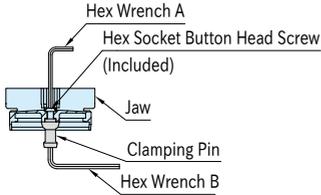
- The diaphragm clamping mechanism allows to clamp the workpiece securely with 10 jaw sections.
- Various shapes can be held.
- The allowable compression diameter is 0.6 mm, making it ideal for lost wax, die cast, extruded, drawn, and premachined workpieces.

How To Use

Jaw Mounting

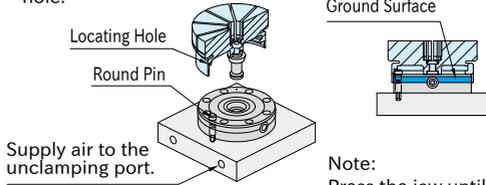
1. Fix Clamping Pin

- Fix clamping pin with the furnished button head screw.



2. Mount on Clamping Module

- Supply air to the unclamping port and mount the jaw.
- Mount the jaw by inserting the round pin into the locating hole.



Note:
Press the jaw until the ground surface of the module is covered.

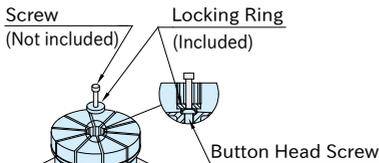
Jaw	Clamping Pin	Hex Wrench A	Hex Wrench B
AMWFH105-1200	AMWFH105-M 8S	Size 5	Size 6
AMWFH140-1600	AMWFH140-M12S	Size 8	Size 10

For mounting instruction of Clamping Module, see [AMWFH-WP](#) datasheet.

Jaw Machining

1. Set the locking ring in the jaw.

(Using a screw facilitates setting.)

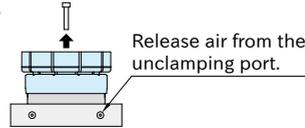


Note:
Be sure to securely set the locking ring at the bottom of the hole in the jaw.

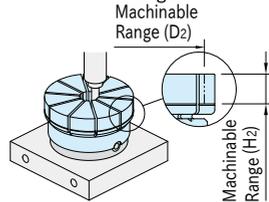
Supply air to the unclamping port.

2. Release air from the unclamping port and clamp the locking ring by spring force of the module.

Remove the screw from the locking ring after clamping.

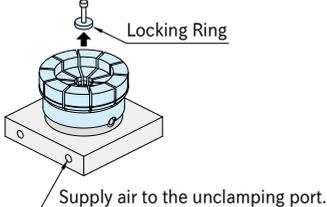


3. Machine the jaw to the contours of the workpiece, within the machinable range.

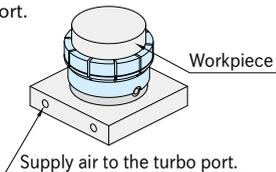


Workpiece Loading

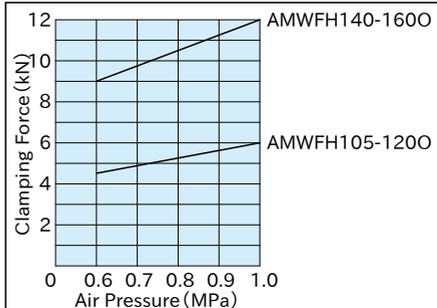
1. Supply air to the unclamping port and remove the locking ring.



2. Load the workpiece and supply air to the turbo port.



Performance Curve



Note

Do not actuate clamping without a workpiece to avoid damage and deformation.