

# MTK, MTK-T SUPER PRECISION AIR CHUCK FIXTURES

## 內藏式超精密氣壓夾盤

專利產品  
Patent Protected

1. 預設治具孔及預留自動潤滑管道：爪殼預設治具孔，有額外固定需要時不須再追加加工；且預留自動潤滑管道，可與自動潤滑裝置連結。
2. 內藏式汽缸：汽缸與夾盤直結設計，確保作動及夾持的穩定性。
3. 生爪精密定位：設有定位銷使生爪在重複拆裝時仍保持良好的定位精度。
4. 超高精度夾持提高工作效率：夾持工件的同軸度及重覆夾持精度可達 $\mu$ 級，簡化操作，實現高效率的精密加工。



1. Pre-machined tapped holes and lubrication path:  
There are tapped holes for fixing jigs, thus, additional screw machining is not necessary, and pre-machined lubrication path can connect to auto-lubrication unit to lubricate the chuck automatically.

### 2. Built-in Cylinder:

Connect cylinder directly to the chuck for stable gripping.

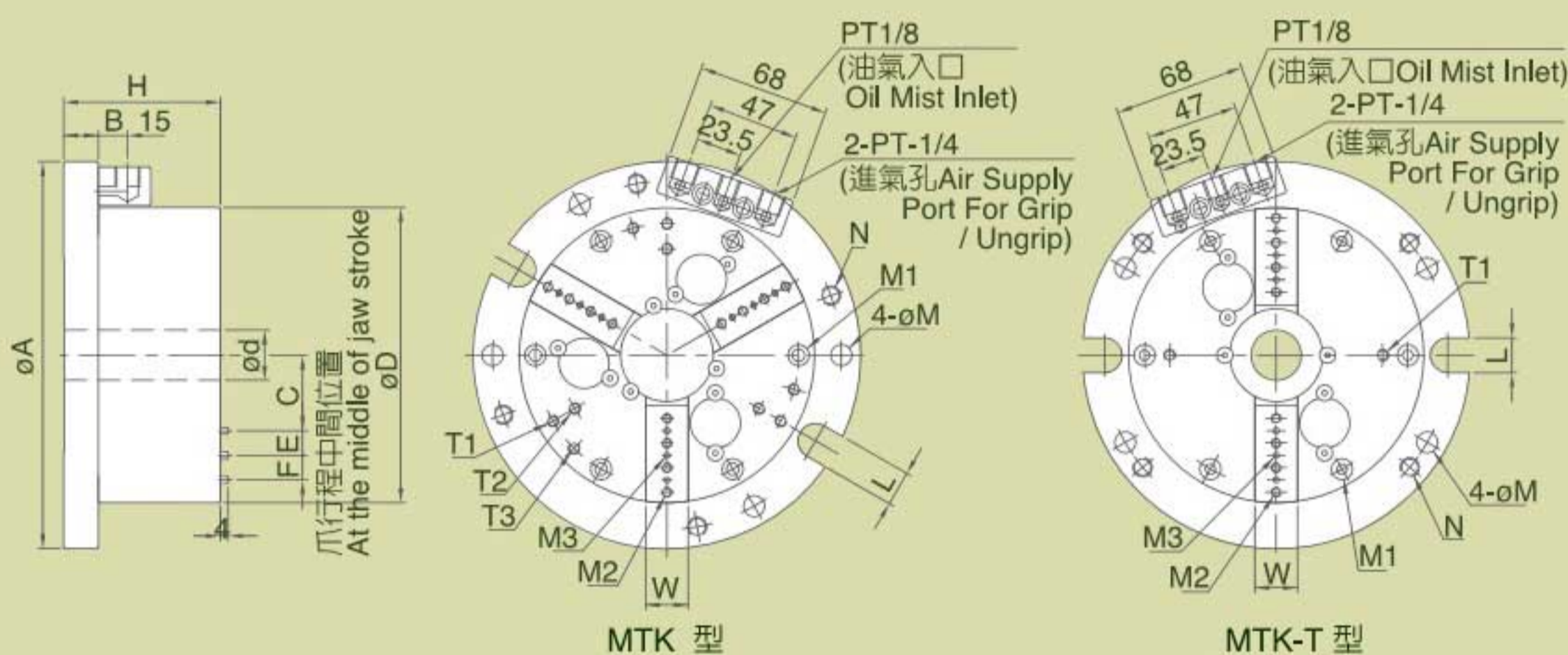
### 3. Precise soft jaw positioning:

It's easy to remount soft jaw to the correct position with dowel pins on it.

### 4. High gripping precision brings better quality and efficiency.

Good coaxiality and repeatability of gripping are able to achieve the accuracy of " $\mu$  degree" machining processes can be simplified or shortened to make high precision machining with high efficiency come true.

## 尺寸圖 » Dimensions



## 本產品精密度可達 $\mu$ 級

This product reaches the repeatability of " $\mu$  degree"

## 應用範例 » Operation Example

氣壓切換閥連接方式 / 特殊附件

Examples of Attaching Pneumatic Manual Switch / Optional Accessories



單位/UNIT:mm

## 規格表 » Specifications

型式/規格 MODEL / SPEC.	A	B	C	D	d (H7)	E	F	H	W	L
MTK-04	148	17	20.75	101.6	18	12.7	12.7	80	16	13
MTK-06	200	18	39.75	152.4	26	12.7	12.7	81	22	18
MTK-04T	148	17	20.75	101.6	18	12.7	12.7	80	16	13
MTK-06T	200	18	39.75	152.4	26	12.7	12.7	81	22	18

型式/規格 MODEL / SPEC.	M	M1	M2	M3	N	T1
MTK-04	$\phi 9$ (PCD $\phi 130$ )	6-M5x0.8P (PCD $\phi 88.9$ )	6-M5x0.8P	9- $\phi 3.18$	3-M8x1.25P	3-M5x0.8P (PCD $\phi 88.9$ )
MTK-06	$\phi 11$ (PCD $\phi 180$ )	6-M6x1P (PCD $\phi 135.89$ )	12-M5x0.8P	9- $\phi 3.18$	4-M10x1.5P	3-M6x1P (PCD $\phi 135.89$ )
MTK-04T	$\phi 9$ (PCD $\phi 130$ )	6-M5x0.8P (PCD $\phi 88.9$ )	4-M5x0.8P	6- $\phi 3.18$	3-M8x1.25P	2-M5x0.8P (PCD $\phi 70$ )
MTK-06T	$\phi 11$ (PCD $\phi 180$ )	6-M6x1P (PCD $\phi 135.89$ )	8-M5x0.8P	6- $\phi 3.18$	4-M10x1.5P	2-M6x1P (PCD $\phi 110$ )

型式/規格 MODEL / SPEC.	T2	T3	爪行程(直徑) Jaw Stroke (Diameter) (mm)	空壓夾持力 Gripping Force At Air Pressure 7 kgf/cm <sup>2</sup> (0.7Mpa) kgf	(KN)	淨重 Weight (kg)
MTK-04	--	--	3	310	(3.1)	6.2
MTK-06	3-M6x1P (PCD $\phi 110$ )	3-M6x1P (PCD $\phi 135.89$ )	3	790	(7.8)	13
MTK-04T	--	--	3	310	(3.1)	6
MTK-06T	--	--	3	790	(7.8)	12.6