

MTK, MTK-T SUPER PRECISION AIR CHUCK FIXTURES

內藏式超精密氣壓夾盤

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 μ 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.

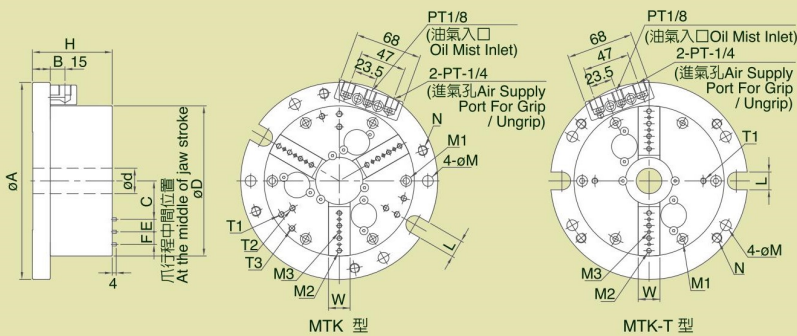
3. Precise soft jaw positioning:

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 " μ 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 μ 級

This product reaches the repeatability of " μ 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



外接氣壓手動切換閥
Split type hand control valve

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 ² (0.7MPa) kgf	淨重 Weight (kg)
MTK-04	--	--	3	800 (7.8)	6.2
MTK-06	3-M6x1P(PCD $\phi 110$)	3-M6x1P(PCD $\phi 135.89$)	3	1200 (11.7)	13
MTK-04T	--	--	3	800 (7.8)	6
MTK-06T	--	--	3	1200 (11.7)	12.6