

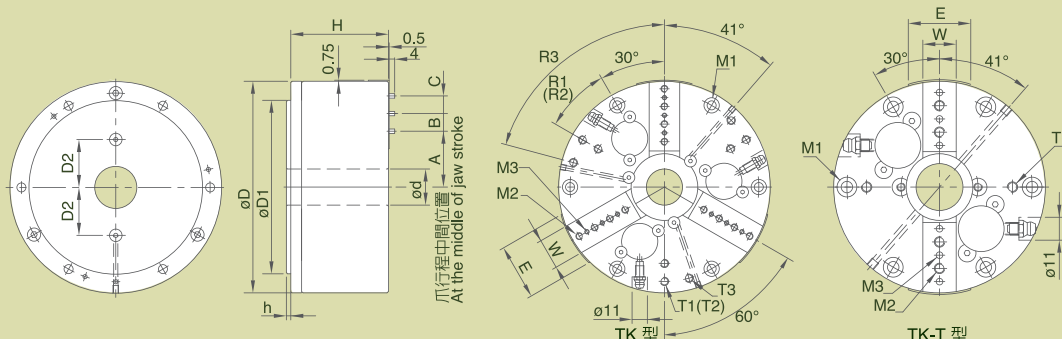
TK,TK-T SUPER PRECISION AIR CHUCKS

超精密氣壓夾頭

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 μ 級，簡化操作，實現高效率的精密加工。

尺寸圖 » Dimensions



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 stabl gripping.

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

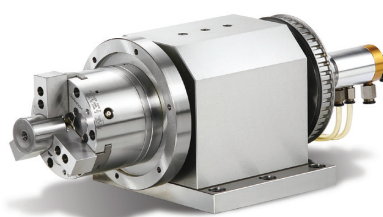
4.High gripping precision brings better quality and efficiency:

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.

本產品精密度可達 μ 級

This product reaches the repeatability of " μ degree"

應用範例 » Operation Example



規格表 » Specifications

單位/UNIT:mm

型式/規格 MODEL /SPEC.	A	B	C	D	E	D1	d (H7)	D2	H	h	W	M1
TK-04	20.75	12.7	12.7	101.6	30	82.55	18	25	70.3	3.2	16	6-M5x0.8P(PCDø88.9)
TK-06	39.75	12.7	12.7	152.4	40	124.97	26	34.5	70.3	3.2	22	6-M6x1P(PCDø135.89)
TK-08	65.75	25.4	--	203.2	45	167.64	50	50	99.5	7.0	25	6-M10x1.5P(PCDø182.88)
TK-04T	20.75	12.7	12.7	101.6	30	82.55	18	25	70.3	3.2	16	6-M5x0.8P(PCDø88.9)
TK-06T	39.75	12.7	12.7	152.4	40	124.97	26	34.5	70.3	3.2	22	6-M6x1P(PCDø135.89)
TK-08T	65.75	25.4	--	203.2	45	167.64	50	50	99.5	7.0	25	6-M10x1.5P(PCDø182.88)
型式/規格 MODEL /SPEC.	M2		M3	T1			T2			T3		R1
TK-04	6-M5x0.8P		9-ø3.18	3-M5x0.8P(PCDø88.9)			--			--		30°
TK-06	12-M5x0.8P		9-ø3.18	3-M6x1P(PCDø135.89)			3-M6x1P(PCDø110)			3-M6x1P(PCDø135.89)		30°
TK-08	6-M10x1.5P		6-ø6.36	3-M8x1.25P(PCDø182.88)			3-M8x1.25P(PCDø150)			3-M8x1.25P(PCDø100)		30°
TK-04T	4-M5x0.8P		6-ø3.18	2-M5x0.8P(PCD ø70)			--			--		--
TK-06T	8-M5x0.8P		6-ø3.18	2-M6x1P(PCD ø110)			--			--		--
TK-08T	4-M10x1.5P		4-ø6.36	2-M8x1.25P(PCD ø150)			--			--		--
型式/規格 MODEL /SPEC.	R2	R3	爪行程〔直徑〕 Jaw Stroke [Diameter] (mm)			空壓夾持力 Gripping Force At Air Pressure 7kgf/cm ² (0.7Mpa) kgf (KN)		最高迴轉速 Max.Speed r.p.m(min ⁻¹)		淨重 Weight (kg)		
TK-04	--	--	3			310 (3.1)		4500		4.4		
TK-06	30°	75°	3			790 (7.8)		4200		9.8		
TK-08	30°	30°	3			1450 (14.3)		2500		26.3		
TK-04T	--	--	3			310 (3.1)		3500		4.2		
TK-06T	--	--	3			790 (7.8)		3500		9.5		
TK-08T	--	--	3			1450 (14.3)		2000		25.1		