

TK, TK-T SUPER PRECISION AIR CHUCKS

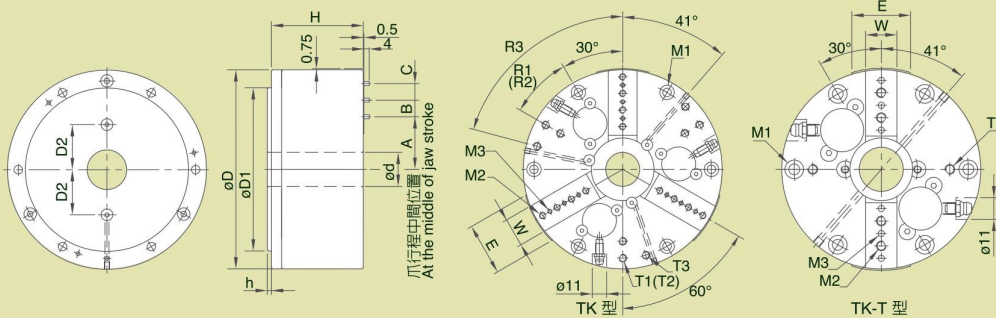
超精密氣壓夾頭

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複夾持精度可達 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.

尺寸圖 » Dimensions



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(PCD ϕ 88.9)
TK-06	39.75	12.7	12.7	152.4	40	124.97	26	34.5	70.3	3.2	22	6-M6x1P(PCD ϕ 135.89)
TK-08	65.75	25.4	--	203.2	45	167.64	50	50	99.5	7.0	25	6-M10x1.5P(PCD ϕ 182.88)
TK-04T	20.75	12.7	12.7	101.6	30	82.55	18	25	70.3	3.2	16	6-M5x0.8P(PCD ϕ 88.9)
TK-06T	39.75	12.7	12.7	152.4	40	124.97	26	34.5	70.3	3.2	22	6-M6x1P(PCD ϕ 135.89)
TK-08T	65.75	25.4	--	203.2	45	167.64	50	50	99.5	7.0	25	6-M10x1.5P(PCD ϕ 182.88)
型式/規格 MODEL / SPEC.	M2		M3	T1			T2		T3		R1	
TK-04	6-M5x0.8P		9- ϕ 3.18	3-M5x0.8P(PCD ϕ 88.9)			--		--		30°	
TK-06	12-M5x0.8P		9- ϕ 3.18	3-M6x1P(PCD ϕ 135.89)			3-M6x1P(PCD ϕ 110)		3-M6x1P(PCD ϕ 135.89)		30°	
TK-08	6-M10x1.5P		6- ϕ 6.36	3-M8x1.25P(PCD ϕ 182.88)			3-M8x1.25P(PCD ϕ 150)		3-M8x1.25P(PCD ϕ 100)		30°	
TK-04T	4-M5x0.8P		6- ϕ 3.18	2-M5x0.8P(PCD ϕ 70)			--		--		--	
TK-06T	8-M5x0.8P		6- ϕ 3.18	2-M6x1P(PCD ϕ 110)			--		--		--	
TK-08T	4-M10x1.5P		4- ϕ 6.36	2-M8x1.25P(PCD ϕ 150)			--		--		--	
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		800 (7.8)		4500	4.4				
TK-06	30°	75°	3		1200 (11.7)		4200	9.8				
TK-08	30°	30°	3		1800 (17.6)		2500	26.3				
TK-04T	--	--	3		800 (7.8)		3500	4.2				
TK-06T	--	--	3		1200 (11.7)		3500	9.5				
TK-08T	--	--	3		1800 (17.6)		2000	25.1				