



TK-T

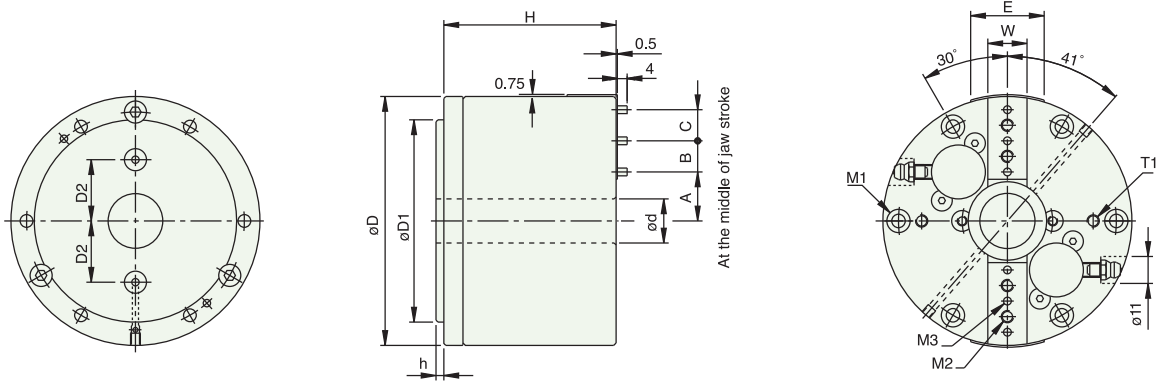
《 Pneumatic Chucks series 》

2-JAW SUPER PRECISION AIR CHUCKS

NEW Patent Protected

Superior Repeatability of 1 μm.

■ DIMENSIONS



■ SPECIFICATIONS

UNIT:mm

MODEL / SPEC.	A	B	C	D	E	D1	d (H7)	D2
TK-04T	20.75	12.7	12.7	101.6	30	82.55	18	25
TK-06T	39.75	12.7	12.7	152.4	40	124.97	26	34.5
TK-08T	65.75	25.4	--	203.2	45	167.64	50	50

MODEL / SPEC.	H	h	M1	M2	M3
TK-04T	70.3	3.2	6-M5x0.8P(PCD ø88.9)	4-M5x0.8P	6-ø3.18
TK-06T	70.3	3.2	6-M6x1P(PCD ø135.89)	8-M5x0.8P	6-ø3.18
TK-08T	99.5	7.0	6-M10x1.5P(PCD ø182.88)	4-M10x1.5P	4-ø6.36

MODEL / SPEC.	W	T1	Jaw T.I.R.	Jaw Stroke [Diameter] (mm)
TK-04T	16	2-M5x0.8P(PCD ø70)	0.001	3
TK-06T	22	2-M6x1P(PCD ø110)	0.001	3
TK-08T	25	2-M8x1.25P(PCD ø150)	0.001	3

MODEL / SPEC.	Repeatability	Gripping Force At Air Pressure 7 kgf/cm ² (0.7Mpa) kgf (KN)	Max.Speed r.p.m (min ⁻¹)	Weight (kg)
TK-04T	0.001	310 (3.1)	3500	4.2
TK-06T	0.001	790 (7.8)	3500	9.5
TK-08T	0.001	1450 (14.3)	3000	25.1

Operation Example



Precision Air Chuck is able to achieve superior

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.