

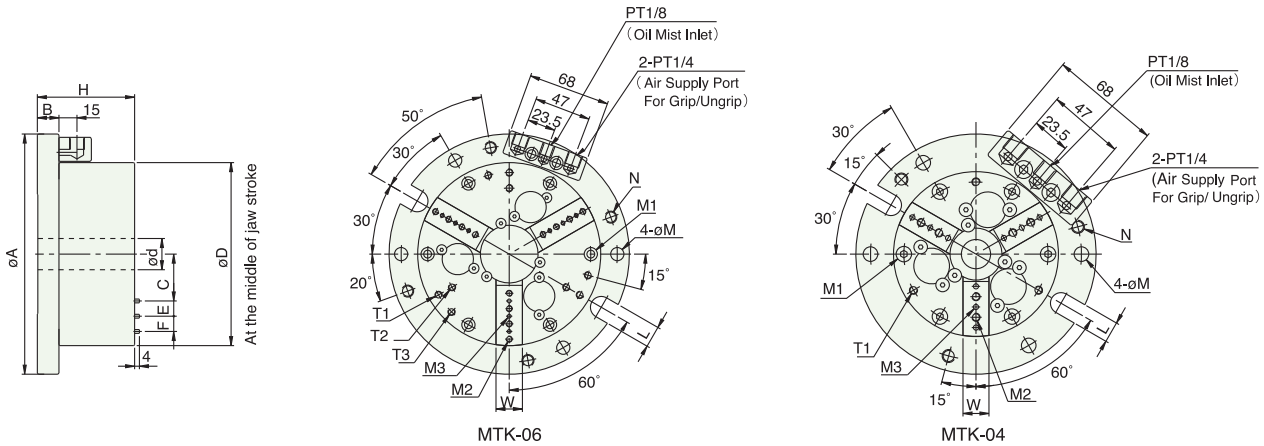


3-JAW SUPER PRECISION AIR CHUCK FIXTURES



Superior Repeatability of 1 μm.

■ DIMENSIONS



Precision Air Chuck is able to achieve superior coaxiality and repeatability of 1 μm.

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 1 μm, machining processes can be simplified or shortened to make high precision machining with high efficiency come true.

5. Available for Quick Fixture Change

MTK Chucks can be easily fixed on a plate fixture for quick changes.

6. Flange Design

The flange makes it easy to be locked on T-slot of worktable.

■ SPECIFICATIONS

UNIT:mm

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

MODEL / SPEC.	L	M	M1	M2
MTK-04	13	ø9 (PCD ø130)	6-M5x0.8P(PCD ø88.9)	6-M5x0.8P
MTK-06	18	ø11 (PCD ø180)	6-M6x1P(PCD ø135.89)	12-M5x0.8P

MODEL / SPEC.	M3	N	T1
MTK-04	9-ø3.18	3-M8x1.25P	3-M5x0.8P(PCD ø88.9)
MTK-06	9-ø3.18	4-M10x1.5P	3-M6x1P(PCD ø135.89)

MODEL / SPEC.	T2	T3	Jaw T.I.R
MTK-04	--	--	0.001
MTK-06	3-M6x1P(PCD ø110)	3-M6x1P(PCD ø135.89)	0.001

MODEL / SPEC.	Jaw Stroke (Diameter) (mm)	Repeatability	Gripping Force At Air Pressure 7 kgf/cm ² (0.7Mpa)	
			kgf	(KN)
MTK-04	3	0.001	310	(3.1)
MTK-06	3	0.001	790	(7.8)