



MA

« Pneumatic Chucks series »

2 ACTUATING AXES SELF-CENTERING SOLID AIR CHUCK FIXTURES



2 actuating axes self-centering solid air chuck fixtures is great for machining center. Two pairs of jaws clamp one after another to assure a workpiece to be locked completely.

1. Rust-proof for Pneumatic Cylinder

Inside wall of cylinder being rustproof treated; cylinder can work under wet or high moisture circumstances without rusty or seized trouble.

2. Dusts-proof and Waterproof

Dust-proof and Waterproof structure prevents work-chips and coolant water from entering into inside of chuck cylinder to maintain its accuracy and lead to longer service life.

3. 4-jaw Clamping and Self-centering

4-jaw clamping are steadier for machining. Two pairs of jaws are moved independently to assure complete lock and self-centering.

4. Easy for Clamping Work Pieces of Different Lengths on Opposite Sides

Can firmly clamp all kinds of work pieces that are not equilaterally produced by casting, forging, and sawing process.

5. Flange Design

Flange is convenient for locking chuck on T-slot of worktable.

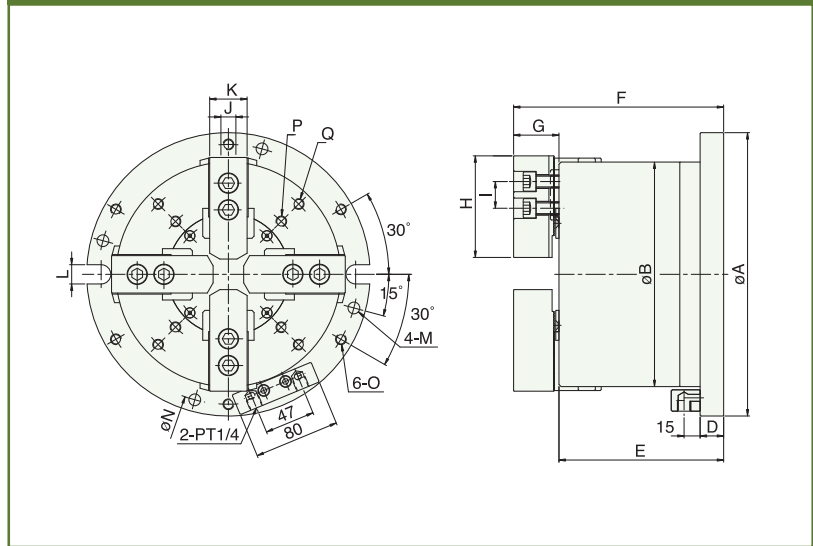
6. Clamping Special Shaped Work Pieces

Without designing and making special clamping fixtures, special shaped work pieces can be clamp precisely only by forming soft jaws to meet the purpose.

7. Hard Jaws and Soft Jaws are Interchangeable with Those of CNC Lathes

Hard jaws and soft jaws are same as those of Power Chucks, therefore; they are interchangeable to reduce cost of spare jaws.

DIMENSIONS



SPECIFICATIONS

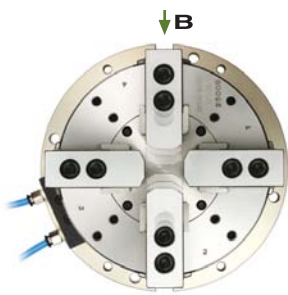
UNIT:mm

MODEL / SPEC.	A	B	D	E	F	G	H	I	J	K	L
MA-06	224	175	20	130	170	40	73	20	12	31	18
MA-08	265	210	22	154	196	42	95	25	14	35	18
MA-10	315	250	25	176	222	46	110	30	16	40	18

MODEL / SPEC.	M	N	O	P
MA-06	ø11	ø202	M10x1.5P(PCD ø202)	4-M8x1.25P(PCD ø124)
MA-08	ø11	ø243	M10x1.5P(PCD ø243)	4-M10x1.5P(PCD ø140)
MA-10	ø13	ø285	M12x1.75P(PCD ø285)	4-M10x1.5P(PCD ø176)

MODEL / SPEC.	Q	Piston Area (cm ²)			
		A		B	
		Push Side	Pull Side	Push Side	Pull Side
MA-06	4-M8x1.25P(PCD ø156)	127	108	122	117
MA-08	4-M10x1.5P(PCD ø186)	184	157	176	169
MA-10	4-M10x1.5P(PCD ø224)	270	239	254	241

MODEL / SPEC.	Plunger Stroke (mm)	Jaw Stroke (Diameter) (mm)	Gripping Force At Air Pressure 6kgf/cm ² (0.6Mpa) kgf	Gripping Force (KN)	Gripping Range
MA-06	12	5.5	4000	(39.2)	ø25~ø175
MA-08	16	7.4	5500	(53.9)	ø30~ø210
MA-10	19	8.8	8400	(82.3)	ø35~ø250



Piston "B" Clamping