



# MO

《 Pneumatic Chucks series 》

## 3-JAW HOLLOW POWER CHUCK FIXTURES

**NEW**

### machining application on working table

#### 4. Benefit of Built-in Cylinder

The cylinder is connected to chuck itself directly for obtaining better stability, less space, and higher machining efficiency.

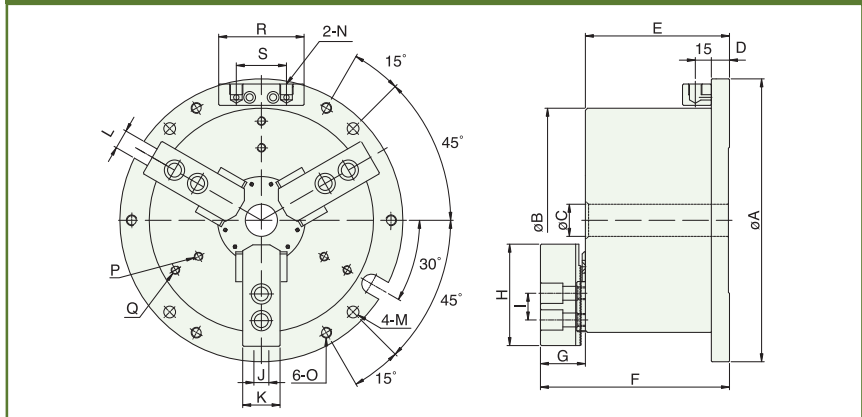
#### 5. Flange Design

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

#### 6. Hard jaws and Soft jaws are Interchangeable with those of Power Chucks.

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	C	D	E	F	G	H	I	J	K	L	M
MO-04	155	115	--	15	77.5	103.5	26	49.5	14	10	23	13	ø9 (PCD ø135)
MO-05	185	135	--	15	95	128	33	62	14	10	25	13	ø9 (PCD ø165)
MO-06	224	169	25	16	118	158	40	73	20	12	31	18	ø11 (PCD ø202)
MO-08	265	210	30	20	138	180	42	95	25	14	35	18	ø11 (PCD ø243)
MO-10	315	254	52	23	150	196	46	110	30	16	40	18	ø13 (PCD ø285)
MO-12	375	304	80	23	165	219	54	129	30	21	50	18	ø17 (PCD ø340)

MODEL / SPEC.	N	O	P	Q
MO-04	PT1/8	M8x1.25P	--	--
MO-05	PT1/4	M8x1.25P	3-M8x1.25P(PCDø100)	--
MO-06	PT1/4	M10x1.5P	3-M8x1.25P(PCDø134)	--
MO-08	PT1/4	M10x1.5P	3-M10x1.5P(PCDø136)	3-M10x1.5P(PCDø186)
MO-10	PT1/4	M12x1.75P	3-M12x1.75P(PCDø170)	3-M12x1.75P(PCDø230)
MO-12	PT3/8	M16x2P	3-M12x1.75P(PCDø200)	3-M12x1.75P(PCDø260)

MODEL / SPEC.	R	S	Piston Area (cm <sup>2</sup> )	Plunger Stroke (mm)	Jaw Stroke (Diameter) (mm)	Max. Gripping Force (kgf) (KN)
MO-04	64	47	57	9	3.8	2400 (23.5)
MO-05	80	47	74	10	5.4	3285 (32.2)
MO-06	80	47	97	12	5.5	5040 (49.4)
MO-08	80	47	156	16	7.4	8100 (79.4)
MO-10	80	47	235	19	8.8	12210 (119.7)
MO-12	80	55	292	23	10.6	14500 (142.1)

MODEL / SPEC.	Max. Hydr. Pressure (kgf/cm <sup>2</sup> ) (Mpa)	Gripping Force At Air Pressure 7 kgf/cm <sup>2</sup> (0.7Mpa) (kgf) (KN)	Weight (kg)	Gripping Range
MO-04	15 (1.5)	1100 (10.8)	11.2	ø9~ø115
MO-05	20 (2.0)	1300 (12.7)	21.0	ø12~ø135
MO-06	20 (2.0)	2000 (19.6)	36.8	ø15~ø169
MO-08	20 (2.0)	3300 (32.3)	56.4	ø20~ø210
MO-10	20 (2.0)	4800 (47.0)	112.0	ø33~ø254
MO-12	20 (2.0)	5100 (50.0)	145.0	ø40~ø304

### Switch



Adherent type hand control valve