

Model	φA	φC	D	φE	F	G*	H	I
RKD30PA	66	70	8	15.0	38	1/8	95	25
RKD40PA	86	95	12	23.5	55		140	
RKD60PA	115	138	14	35.0	65		188	
RKD80PA	146	148	16	47.5	80	1/4	222	28
RKD100PA	175	208	20	54.5	50		270	

Model	φJ	φK	ST	L	M	N	φP
RKD30PA	8.5	55	17	50	100	140	4-8.5
RKD40PA	12.5	70	25	75	150	190	4-12.5
RKD60PA	14.5	110	35	90	200	290	4-15.0
RKD80PA	17.0	120	40			330	4-17.0
RKD100PA	21.0	170	50	250	410	6-21.0	

\*Bolt recommends a class 10.9

**dimensional chart (inch)**

Model	φA	φC	D	φE	F	G*	H	I
RKD30PA	2.6	2.8	0.3	0.6	1.5	1/8	3.7	1.0
RKD40PA	3.4	3.7	0.5	0.9	2.2		5.5	
RKD60PA	4.5	5.4	0.6	1.4	2.6		7.2	
RKD80PA	5.7	5.8	0.6	1.9	2.4	1/4	8.7	1.1
RKD100PA	6.9	8.2	0.8	2.1	2.0		10.6	

Model	φJ	φK	ST	L	M	N	φP
RKD30PA	0.3	2.2	0.7	2.0	3.9	5.5	4-0.33
RKD40PA	0.5	2.8	1.0	3.0	5.9	7.5	4-0.49
RKD60PA	0.6	4.3	1.4	3.5	7.9	11.0	4-0.59
RKD80PA	0.7	4.7	1.6			13.0	4-0.67
RKD100PA	0.8	6.7	2.0	9.8	16.1	6-0.88	

\*Bolt recommends a class 10.9

**RKD type specification (mm)**

Model	Working Pressure (Mpa)	Stroke Cycle (time/min)	Air Consumption (L/time(ANR))	Stroke Energy (N·m)
RKD30PA	0.3~0.7	1~60	0.05~0.13	5.5~13.1
RKD40PA			0.15~0.37	9.2~22.3
RKD60PA			0.33~0.77	20.6~49.0
RKD80PA			0.60~1.40	45.1~109.0
RKD100PA			0.98~2.28	82.4~201.0

Model	Impulsive Force		Weight (kg)
	(kg·m/s)	Hammer pound	
RKD30PA	1.2~1.8	below 1.0 lb	1.9
RKD40PA	2.6~4.0	1.0~1.5 lbs	5.4
RKD60PA	6.9~10.6	1.5~3.0 lbs	12.7
RKD80PA	15.2~23.7	3.0~8.0 lbs	17.7
RKD100PA	30.0~46.9	6.0~15.0 lbs	34.1

\* The model beyond RKV60PA is equipped standardly with a stiffening rib, all models are equipped standardly with a wire and a shackle, and I am. A base is also included in \* weight.

**RKD type specification (inch)**

Model	Working Pressure (psi)	Stroke Cycle (time/min)	Air Consumption (gal/time(ANR))	Stroke Energy (lb·ft)
RKD30PA	43.51~101.53	1~60	0.013~0.034	4.1~9.7
RKD40PA			0.040~0.098	6.8~16.4
RKD60PA			0.087~0.203	15.2~36.1
RKD80PA			0.159~0.370	33.3~80.4
RKD100PA			0.259~0.602	60.8~148.2

Model	Impulsive Force		Weight (lb)
	(ft·lbf/s)	Hammer pound	
RKD30PA	8.7~13.0	below 1.0 lb	4.2
RKD40PA	18.8~28.9	1.0~1.5 lbs	11.9
RKD60PA	49.9~76.7	1.5~3.0 lbs	28.0
RKD80PA	109.9~171.4	3.0~8.0 lbs	39.0
RKD100PA	217.0~339.2	6.0~15.0 lbs	75.2

\* The model beyond RKV60PA is equipped standardly with a stiffening rib, all models are equipped standardly with a wire and a shackle, and I am. A base is also included in \* weight.

**Hammering equipment multiple-purpose direct impact type**

Model	Code Number
RKD30PA	000693000
RKD40PA	000688000
RKD60PA	000689000
RKD80PA	000694000
RKD100PA	000695000

**Feature Specification Size / Installation**

A piston strikes a wall by the force of a compressed air. It is the instrument which prevents adhesion and a blockade of a bulk material by the impact force. Moreover, it can be used only by air feeding and excels in safety and economical efficiency. It is effective in a bulk material with the characteristic which will adhere when a vibration is given.

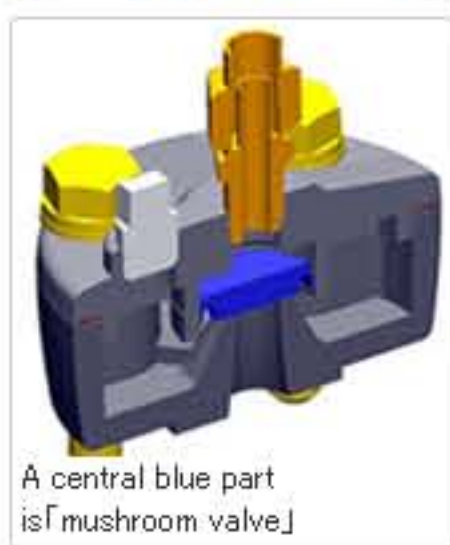
The stroke of the piston which moves, and the knocker itself are not moved, it can hit. A usage also spreads on idea. Moreover, it can use also like a indirect impact type.

**Multiuse direct type knocker**

A use spreads besides a direct type knocker striking the limited below base, in order that a piston may come out outside with sufficient vigor from a main part. Use also such as striking in the movable or rotation type hopper which a knocker cannot attach, when a knocker is fixed to the regular position and it comes to the place, is possible.

**Impact force adjustable**

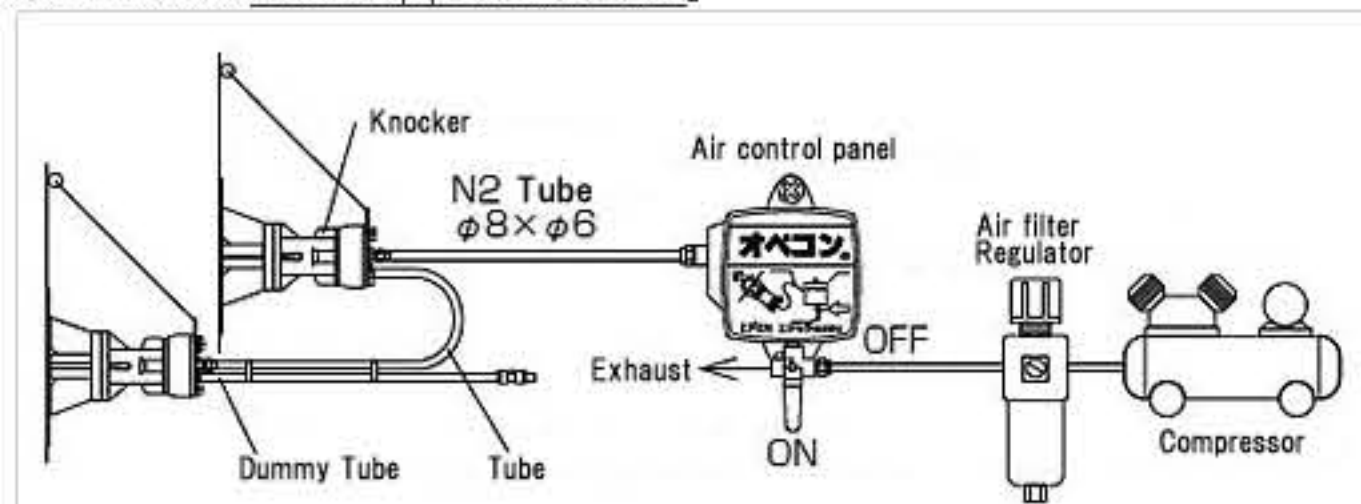
A impact force can be changed only by changing the pressure of supply air. Moreover, there is effectiveness also in a reduction of noise. Even when the mistake of model selection occurs, it can solve by conditioning of a impact force, so larger model selection is appreciated with relief.



**Relay piping**

Relay piping function in which two or more sets can be operated at the same time by one set of a control panel. Air controller AOC of one set can use to three sets of knockers. The exclusive control panel for knockers can be used two or more sets similarly. Number of a control panel can be reduced in the whole facilities, save the equipment cost by introduction of a relay piping.

※Please refer to the「Flow aid equipment combination」



Automatic control can be performed by attaching a solenoid valve before on air operation controller. [air supply-side]

**Relay piping operation principle**

- (1) The compressed air which flowed in into the knocker is first supplied to a valve chamber, depresses a bulb, and is stored in an accumulator.
- (2) If a three way valve is operated and the air in a valve chamber is exhausted, the compressed air in an accumulator will move a mushroom valve upwards.
- (3) If a mushroom valve moves, the compressed air in an accumulator will strike a push-down piston.

**Environment-friendly by oil free**

Lubricant is not required. Oil mist may not come out, it is the best for the work environment in a factory. Lubricator is unnecessary to supply equipment of air, and the merit of cost reduction is in it.

**Simple structure & high durability**

Clear in 1million times of the stroke test. It is almost maintenance-free and high durability and simple structure.