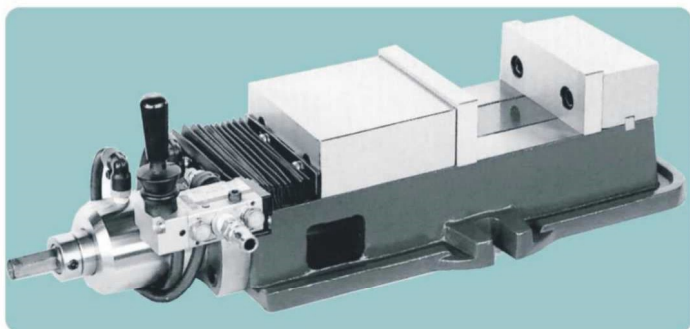


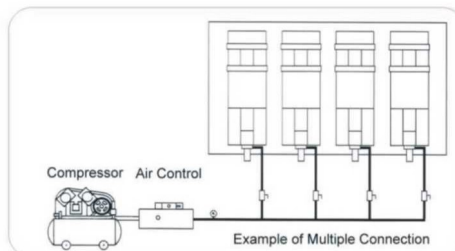
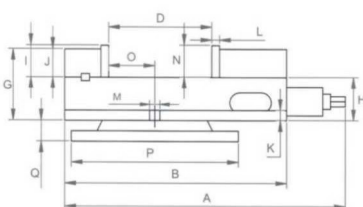
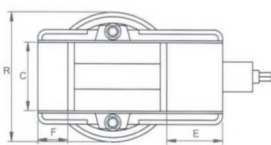
## PNEUMATIC + HYDRAULIC VISES

Model: PHV-4/PHV-6/PHV-8



### FEATURES

- Air-oil-actuated quick action vises for mass production.
- On conventional angle-fixed vise mounted is the air/oil booster to get a quick action clamping, saving your time.
- Most suitable for cutting aluminum, copper, etc.
- Upon presetting the travel, pneumatic power will actuate hydraulic power to clamp.
- The jaw moves automatically, best choice for automation.
- Easy to operate by matching various jaws.



### ■ DIMENSIONS

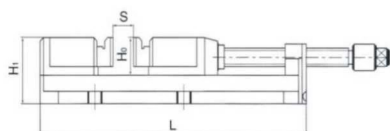
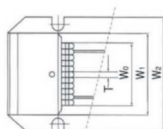
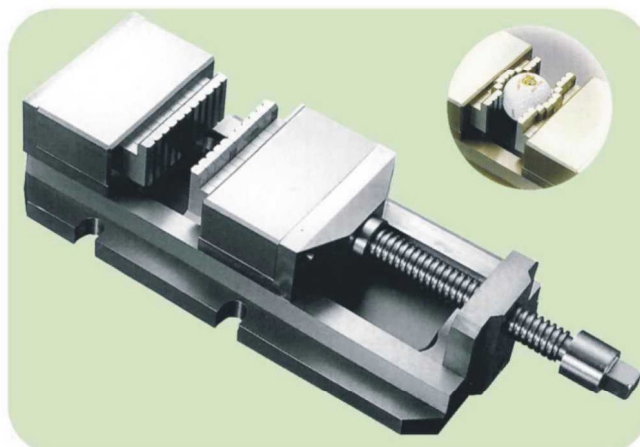
MODEL	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	Clamping Pressure
PHV-4	509	365	104	0-130	101	48	100	60	44	40	15	60	15	44	82	242	29	227	1400kgf
PHV-6	564	420	152	0-152	145	75	121	73	57	48	20	73	15	57	70	330	38	302	2500kgf
PHV-8	744	600	202	0-240	174	76	149	86	73	63	24	86	18	73	140	426	43	380	4000kgf

## MAGIC HYDRAULIC VISES

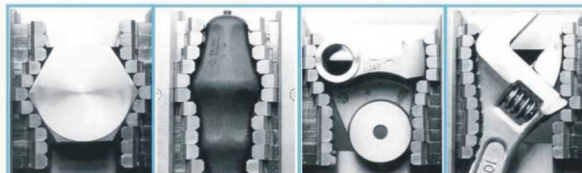
Model: MGV-5

### FEATURES

- An in-board hydraulic vise associated with spring actuation enables irregular shape clamping such as round, curve, etc.
- Max. Clamping pressure: 1200kgf.
- Best for drilling, milling & machining of irregular shape jobs.
- Material: FCD-45 ductile case iron.
- Vise jaw is made of S50C hardened.
- Clamping accuracies: parallel: 0.02/100mm; vertical: 0.02/100mm.
- Easy clamping without the hassle of various fixtures.



### ● Clamping Examples



### ■ DIMENSIONS

MODEL	W0	T	H0	S	L	W	W2	H1
MGV-5	98	7	46	0-123	350	127	170	81

Unit: mm