

PATENTED
M278511
M286744
M338717

PNEUMATIC SUPER HI-PRESSURE VICE

Model: HBV-4", 5", 6", 8"

Model: HPV-III 6", 8"

- High clamping force of **0-8000KG**
- Pressure Adjusting Knob: for quick operations
- Adjustable clamping force of 0-8000kg depends on the material of work-piece.
- Safety range is **8mm**.

HBV-

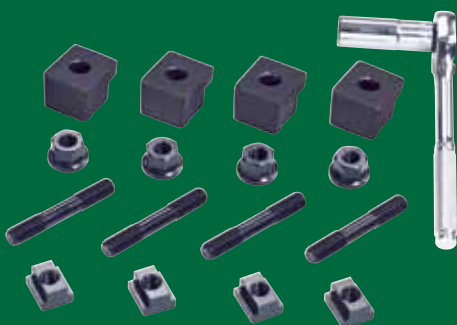


HPV-III



- Quick operation
- Stable and rigid design
- High accuracy and repeatability
- Reduces production costs

STANDARD ACCESSORIES:





1. The new **Patented PNEUMATIC SYSTEM** is designed to enhance clamping force of 0-5000kg and can be adjusted depending on the material of work-piece.

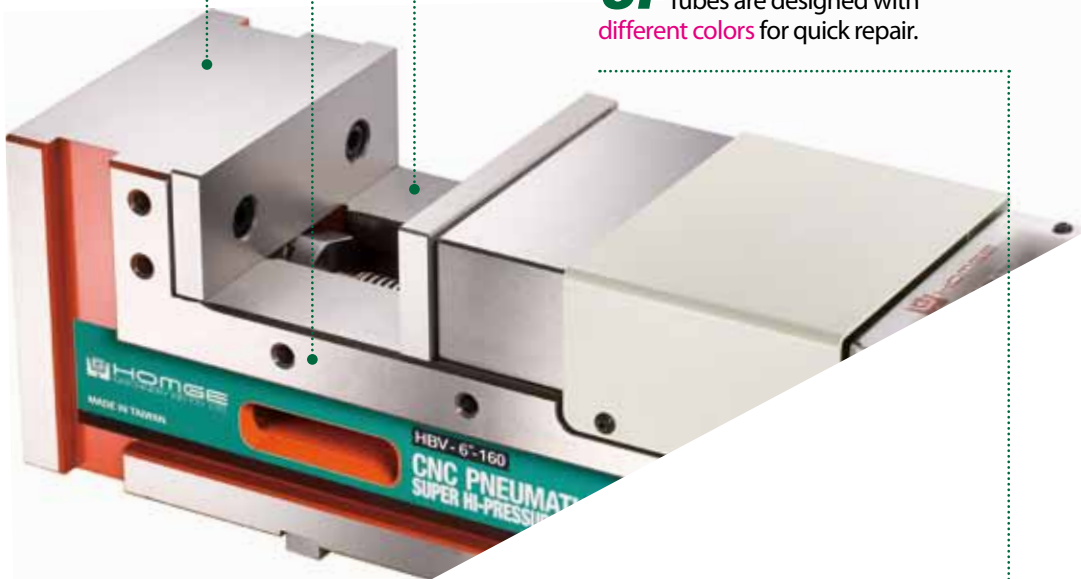
2. Vice body is made of Ductile Iron above FCD 60 grade for high precision and durability. With a force of 4500kg, the shape will deflect less than **0.01mm**.

3. Vice can be mounted horizontally or vertically.

4. Slide ways are **HARDENED** to **HRC 50°** to further increase durability and maintain positioning height over long use.

5. The **special ANGLE-LOCK SYSTEM** with compact design and high-grade iron of over FCD 60 grade for high rigidity automatically pulls the work-piece down to the accurate position of within **0.01mm** under 4500kg.

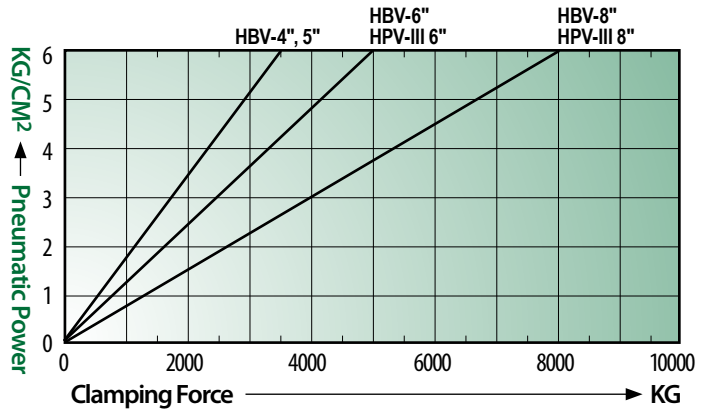
6. Tubes are designed with **different colors** for quick repair.



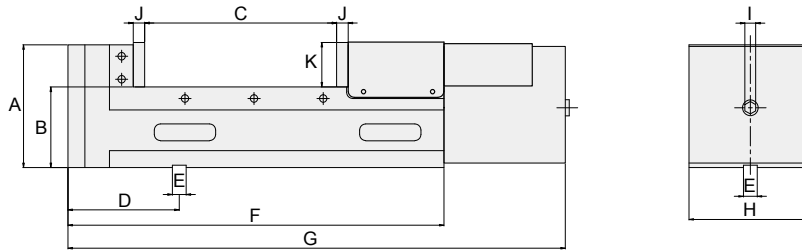
7. **Security design** ensures the vice holds clamping force for 3 minutes, if the air supply is cut.

Fixed height so several vices can be used together.

This vice is highly suitable for **precision mould making** on machining centers as well as **heavy duty machining** which require high clamping force with high accuracy.


 Pneumatic power source 6kg/cm²


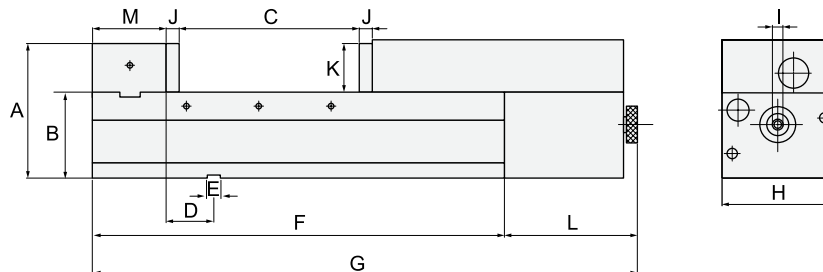
DIMENSIONS



SPECIFICATIONS (Material: FCD 60 Ductile Iron. Hardness: HRC 50°)

Unit: mm

Model	A	B	C	D	E	F	G	H	I
HBV-4"-100	145	100±0.01	100	145	18	320	475	100	14
HBV-5"-150	157	105±0.01	150	145	18	380	560	130	14
HBV-6"-160	157	105±0.01	160	147	18	400	580	160	14
HBV-6"-250	157	105±0.01	250	147	18	490	670	160	14
HBV-8"-300	170	110±0.01	300	180	18	570	750	200	14
Model	J	K	Max. Clamping Force		Safety Range		Weight(kg)		
HBV-4"-100	15	48	0-3500 kg		8 mm		29		
HBV-5"-150	15	55	0-3500 kg		8 mm		40		
HBV-6"-160	15	55	0-5000 kg		8 mm		50		
HBV-6"-250	15	55	0-5000 kg		8 mm		56		
HBV-8"-300	18	63	0-8000 kg		8 mm		90		



SPECIFICATIONS (Material: FCD 60 Ductile Iron. Hardness: HRC 50°)

Unit: mm

Model	A	B	C	D	E	F	G	H	I
HPV-III 6"	168	115±0.01	0-265	57±0.02	18	495	710	161	14
HPV-III 8"	187	120±0.01	0-305	66±0.02	18	570	785	201	14
Model	J	K	L	M	Max. Clamping Force		Safety Range		Weight(kg)
HPV-III 6"	15	53	215	86	0-5000 kg		8mm		71
HPV-III 8"	18	66	215	100	0-8000 kg		8mm		109

We Accept Order for customized length !!