

PATENTED
M395751
M390838
M320459

V-16~18

**MULTI-POWER CNC PRECISION
 FIXED ANGLE VICE**

Model: HPAC-130, 160, 160L, 200

- Extremely high accuracy and repeatability
- Adjustable clamping force of **0~8000KG**

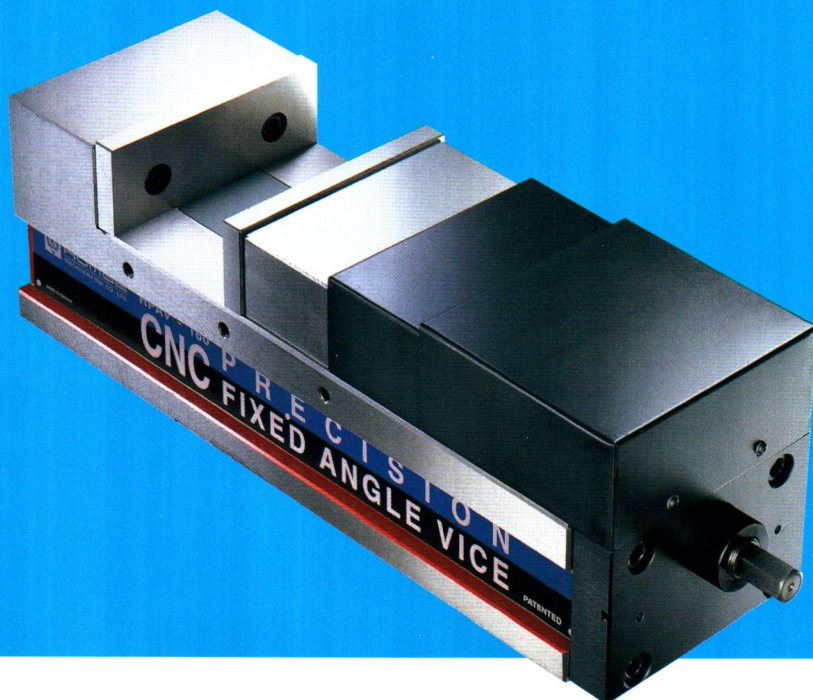


V-19~21

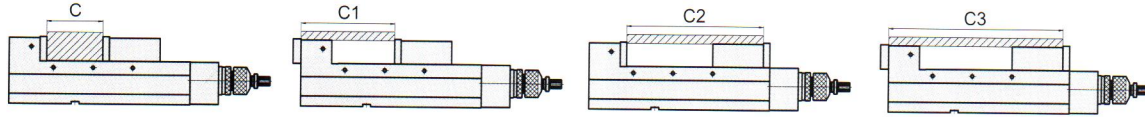
CNC PRECISION FIXED ANGLE VICE

Model: HPAV-130, 160, 160L, 200

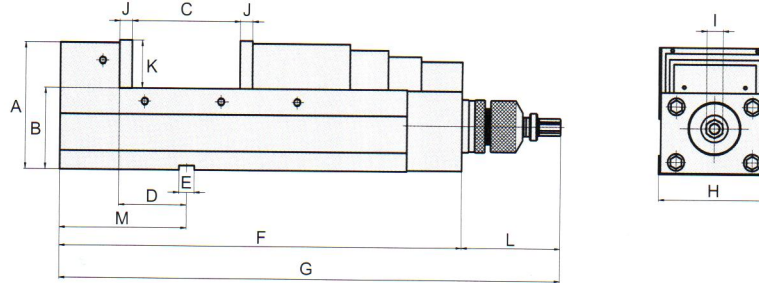
This vice has the same features as model HPAC above but has standard clamping screw instead of the MULTI-POWER SYSTEM.



DIMENSIONS FOR 4 JAW PLATE POSITIONS



DIMENSIONS



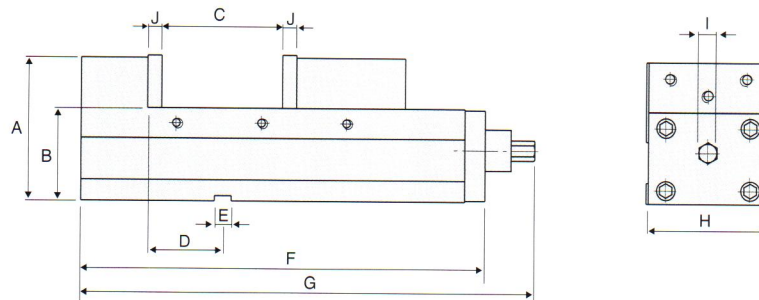
SPECIFICATIONS (Material: FCD 60 Ductile Iron. Hardness: HRC 50°)

Unit: mm

NO	Model	A	B	C	C1	C2	C3	D	E	F
V-16	HPAC-130	147	95 ± 0.01	0 - 190	70 - 260	115 - 305	185 - 375	80 ± 0.02	18	475
V-17	HPAC-160	160	105 ± 0.01	0 - 250	85 - 325	140 - 375	220 - 460	80 ± 0.02	18	560
V-17A	HPAC-160L	160	105 ± 0.01	0 - 300	85 - 375	110 - 395	190 - 480	80 ± 0.02	18	580
V-18	HPAC-200	170	110 ± 0.01	0 - 290	90 - 380	155 - 440	240 - 530	100 ± 0.02	18	635

NO	Model	Max. Clamping Force	G	H	I	J	K	L	M	Weight (kg)
V-16	HPAC-130	6000kg	583	131	19	15	55	120	150	47
V-17	HPAC-160	8000kg	670	161	19	15	58	120	165	65
V-17A	HPAC-160L	8000kg	690	161	19	15	58	120	165	67
V-18	HPAC-200	8000kg	743	201	19	18	63	120	197	95

DIMENSIONS



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

Unit: mm

NO	Model	A	B	C	C1	C2	C3	D
V-19	HPAV-130	147	95 ± 0.01	0-190	70-260	115-305	185-375	80 ± 0.02
V-20	HPAV-160	160	105 ± 0.01	0-250	85-325	140-375	220-460	80 ± 0.02
V-20A	HPAV-160L	160	105 ± 0.01	0 - 300	85-375	110-395	190-480	80 ± 0.02
V-21	HPAV-200	170	110 ± 0.01	0-290	90-380	155-440	240-530	100 ± 0.02

NO	Model	E	F	G	H	I	J	Weight (kg)
V-19	HPAV-130	18	440	520	131	19	15	42
V-20	HPAV-160	18	525	564	161	19	15	60
V-20A	HPAV-160L	18	545	584	161	19	15	62
V-21	HPAV-200	18	600	680	201	19	18	90