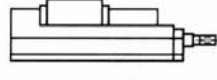
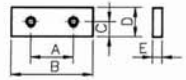


# AUTO SUPER

## Optional Jaw Plates For BHV, BV, BMV, Vise

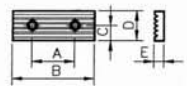
MODEL:HJ,LJ,VJ,TJ,SJ,FJ

HJ-100, 130, 160, 200 ●



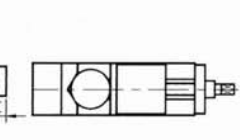
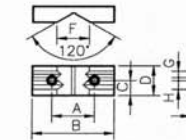
	Unit/mm			
	100	130	160	200
HJ	100	130	160	200
A	60	90	90	120
B	100	130	160	200
C	22	25	25	28
D	48	55	58	63
E	15	15	15	18

LJ-100, 130, 160, 200 ●



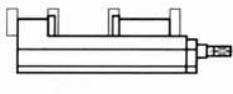
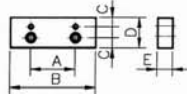
	Unit/mm			
	100	130	160	200
LJ	100	130	160	200
A	60	90	90	120
B	100	130	160	200
C	22	25	25	28
D	48	55	58	63
E	15	15	15	18

VJ-100, 130, 160, 200 ●



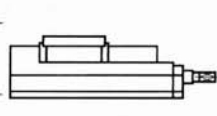
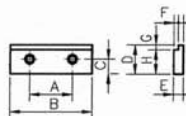
	Unit/mm			
	100	130	160	200
VJ	100	130	160	200
A	60	90	90	120
B	100	130	160	200
C	22	25	25	28
D	48	55	58	63
E	30	32	32	40

TJ-100,130,160,200 ●



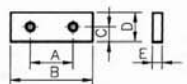
	Unit/mm			
	100	130	160	200
TJ	100	130	160	200
A	60	90	90	120
B	100	130	160	200
C	22	25	25	28
D	64	69	74	88
E	21	24	24	31

SJ-100,130,160,200 ●



	Unit/mm			
	100	130	160	200
SJ	100	130	160	200
A	60	90	90	120
B	100	130	160	200
C	22	25	25	28
D	48	55	58	63
E	15	15	15	18
F	5	5	5	5
G	5	5	5	5
H	43	50	53	58
I	10	10	10	13

FJ-1001, 1301, 1601, 2001 ●  
 FJ-1002, 1302, 1602, 2002  
 FJ-1003, 1303, 1603, 2003  
 FJ-1004, 1304, 1604, 2004  
 FJ-1005, 1305, 1605, 2005



	Unit/mm											
	FJ 1001	1002	1003	1004	1005	1301	1302	1303	1304	1305		
A	60	60	60	60	60	90	90	90	90	90		
B	100	100	100	100	130	130	130	130	130	130		
C	22	22	22	22	22	25	25	25	25	25		
D	48	63	73	48	63	55	73	103	63	73		
E	15	21	23	48	48	15	23	30	48	48		
F	M10	M10	M10	M10	M10	M10	M10	M10	M10	M10		
FJ	1601	1602	1603	1604	1605	2001	2002	2003	2004	2005		
A	90	90	90	90	90	90	90	90	90	120		
B	160	160	160	160	160	200	200	200	200	200		
C	25	25	25	25	25	28	28	28	28	28		
D	58	73	103	63	73	63	103	123	63	102		
E	15	23	30	48	48	18	30	37	63	63		
F	M10	M10	M10	M10	M10	M12	M12	M12	M12	M12		

## Precision Hydraulic & Angle Lock Horizontal Vise

MODEL:AHV



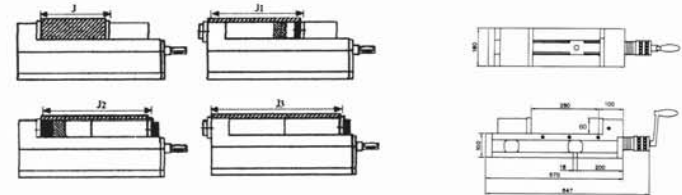
### FEATURES

The unique features of AHV series provide the users an operation of ease and comfort.

- 1.Angle-lock type Hydraulic vise model:AHV is mostly suitable for heavy duty cutting on Vertical Machining Center.
- 2.Semi-spherical segment eliminates jaw lift and workpiece tilt.
- 3.Rigid material ductile iron FCD60 with 60 Kgs/mm ensures high tensile strength,low weariness and not deformation.
- 4.Vise bed frame hardened to HRC 45 up is capable to obtain low weariness and last the high accuracy for long.
- 5.For (4) different jaws set up can be obtained.
- 6.Chip covers is applied on this vise to prevent form chips falling to Leadscrew and inside of vise.

### Specification

Jaw width.....	160mm
Jaw opening.....	280mm
Depth of Jaw.....	60mm
Over all height.....	160mm
Over all length.....	647mm
Max jaw opening.....	540mm

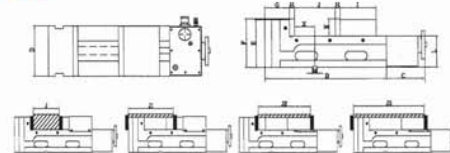


## Pneum MC Precision & Angle Lock Vise

MODEL:APV



Three properties for standing, sideling, and lying:  
 Custom-built dimensions, the vise in itself is six-sided grinding  
 and the holding down plate tank is reserved in advance.  
 It can be manufactured in upright position without tooling plate.



The principle of this vise is the reciprocating air pressure motor (Patent structure) R&D by ourselves. It achieves the property of automatically bating by means of continuously increasing the pressure to push the oil way.

	Unit/mm																			
MODEL	A	B	C	D	E	F	G	H	I	J	J1	J2	J3	K	L	M	X	Grpping	N.W.(kg)	G.W.(kg)
APV-100V	435	320	125	100	145	148	85	15	105	0-100	95-220	100-200	200-300	48	100	16	45	3200	27	29
APV-130V	520	380	140	130	157	160	86	15	110	0-150	95-250	110-275	200-380	55	105	18	45	6000	45	50
APV-160V	540	400	140	160	160	163	86	15	120	0-160	95-250	120-295	210-400	55	105	18	45	6000	47	56
APV-160VS	630	490	140	160	160	163	86	15	120	0-250	95-350	120-395	210-490	55	105	18	45	6000	53	62
APV-180V	600	460	140	180	170	173	90	18	130	0-200	100-300	130-350	220-460	63	110	18	72	9000	65	72
APV-200V	610	470	140	200	170	173	90	18	140	0-200	100-310	140-360	230-470	63	110	18	72	9000	70	80
APV-200VS	710	570	140	200	170	173	90	18	140	0-300	100-410	140-460	230-570	63	100	18	72	9000	79	90