

MC Lockwell Super Vise

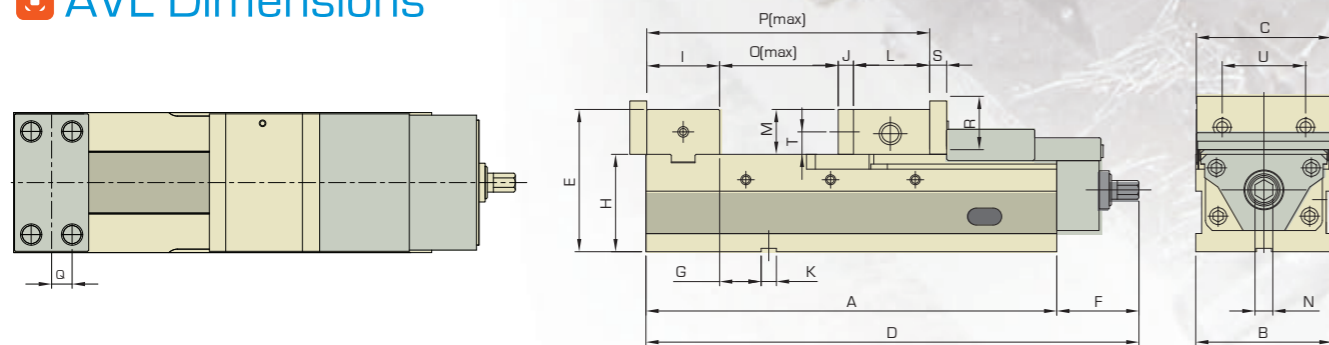
AVL-100, 125, 160, 165
200, 235G/HV

Workholding



- MC Lockwell Super Vise is most suitable for VMC & HMC and got patents.
- Lockwell Anti-Lift Mechanism (patented) ensures the workpiece does not deflect and lift.
- Unique Out-jaw design increase the clamping capacity.
- Rigid and tensile ductile iron FCD-60 (80,000PSI) vise body. Slide surface flame hardened to HS65° to maintain the accuracy. S50C jaw-plate has been Carburizing heat treated the hardness to HRC54°.
- Unique design facilitates the evacuation of chips.

AVL Dimensions

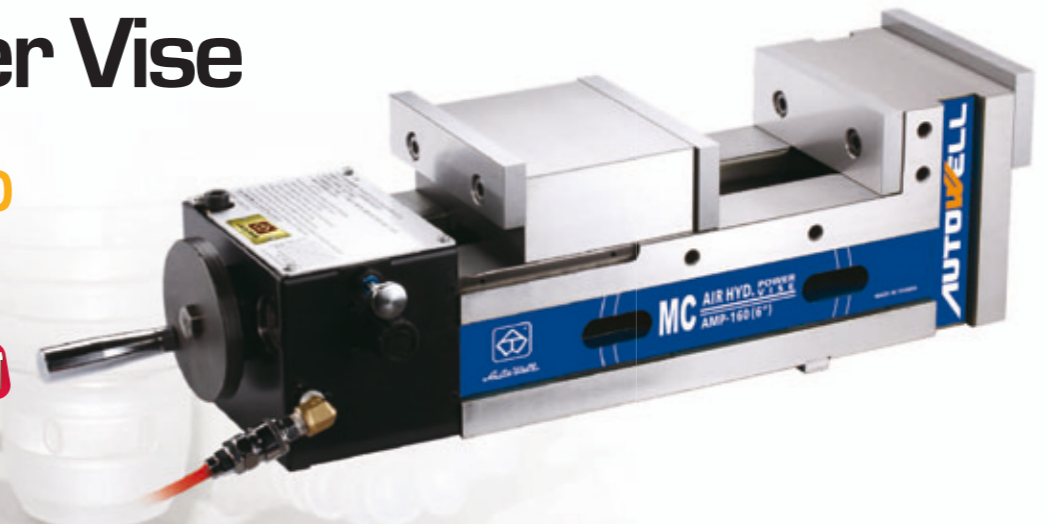


AVL DIMENSIONS																			mm/kg			
NO	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	Weight
AVL-100G/HV	324	104	102	437	130	104	41	85	73	15	18	86.5	45	19	140	314.5	20	55	17	22.5	58	27kg
AVL-125G/HV	390	127	124.7	480	153	105	66	100	78	15	18	87.5	53	19	201	381.5	22.5	63	20	26.5	60	43kg
AVL-160G/HV	485	161	159.2	625	168	120	76	115	86	18	18	80	53	21	295	479	25	63	20	26.5	98.4	71kg
AVL-165G/HV	515	161	159.2	655	168	120	76	115	86	18	18	80	53	21	330	514	25	63	20	26.5	98.4	76kg
AVL-200G/HV	535	202	199.5	660	178	128	93	120	101	18	18	95	58	19	320	534	31	73	20	29	120	98kg
AVL-235G/HV	585	202	199.5	710	178	128	93	120	101	18	18	95	58	19	367.5	581.5	31	73	20	29	120	105kg

Wellock Air Hydraulic Power Vise

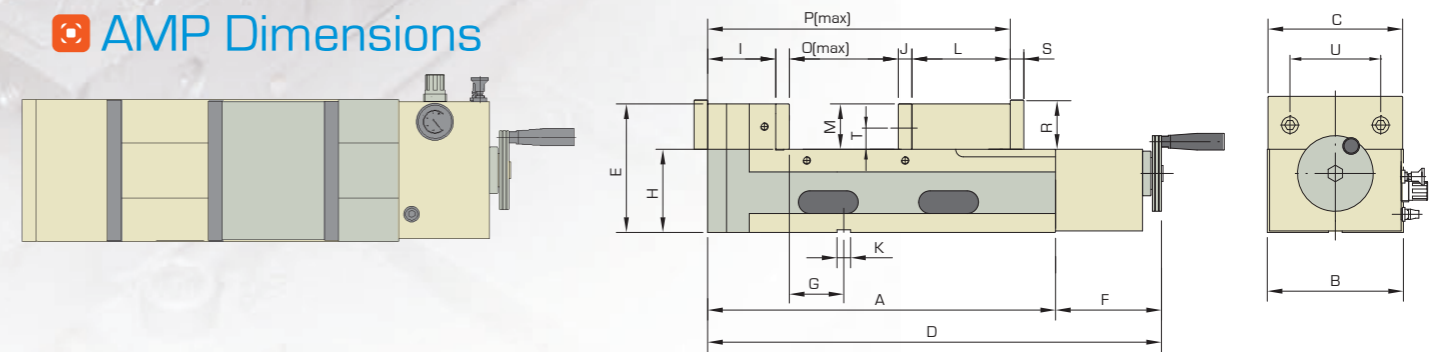
AMP

NEW



- Most suitable for mass production which need quick machining, such as milling HMC & VMC, expert work station.
- This vise is adopting the reciprocating pneumatic motor which R&D by inhouse and that employs an air actuated cylinder. Circuiting progressively to make automation, no need the R.F.L unit to filter the moisture, the sole character is superior than other brand in the market.
- Safety locking mechanism for unexpected termination of air supply. After pneumatic clamping the workpiece will be clamped firmly even without the air supply.
- Humanistic design. Easy ON/OFF switch control for pneumatic operation. The shifting speed is only 1.5 sec. with safety range: 8mm. The optional electric control for automatic and FMS system is available.
- AMP are all match vise, you can set up several of AMP together to operate with only one air source supply. 3 operate positions. Six faces of vise body has been ground and pre-set the holding slot, it can be processed vertically without jig block.
- Even the air source at low pressure 8kg/cm² which can be achieved super hi-clamping force 90KN, and the 0~90KN clamping force can be adjusted freely by regulator.
- Unique Out-jaw design increase the clamping capacity.
- Wellock Semi-spherical segment eliminate deflection and lift.
- Rigid and tensile ductile iron FCD-60 (80,000PSI) vise body. Slide surface flame hardened to HS65° to maintain the accuracy. S50C jaw-plate has been Carburizing heat treated the hardness to HRC54°.

AMP Dimensions



AMP DIMENSIONS																				mm/kg		
NO	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	R	S	T	U	Clamping Force	Weight
AMP-100(4")	320	100	98	435	145	140	45	100	85	15	18	110	45	-	100	200-300	55	18	22	60	32KN	32kg
AMP-150(5")	380	130	128	520	157	140	45	105	85	15	18	110	52	-	150	200-380	62	15	25	90	60KN	52kg
AMP-160(6")	400	160	158	540	157	140	45	105	87	15	18	120	52	-	160	210-400	62	15	25	90	60KN	58kg
AMP-165(6")	490	160	158	630	157	140	45	105	87	15	18	120	55	-	250	210-490	65	15	25	90	60KN	65kg
AMP-180(7")	460	180	178	600	170	140	72	110	90	18	18	130	60	-	200	220-460	70	18	28	120	90KN	75kg
AMP-200(8")	470	200	200	610	170	140	72	110	90	18	18	140	60	-	200	230-470	70	18	28	120	90KN	82kg
AMP-300(8")	570	200	200	710	170	140	72	110	90	18	18	140	60	-	300	230-570	70	18	28	120	90KN	93kg