

Design & Unique Construction

- Large jaw clamping capacity of AVL-160 is 275mm (10.8") and if both jaw plates set up at the rear part of jaw get on extra clamping capacity to 465 mm (18").
- The height of jaw plates is 30% higher than that of other vises of same size.
- Chips covers protect leadscrew from damage.
- Thrust bearing eliminates friction and increases clamping pressure.



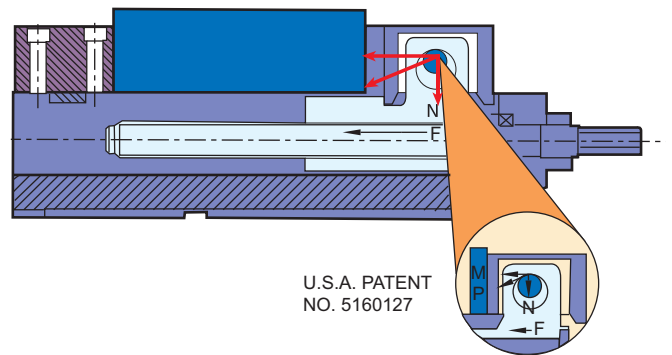
High & Excellent Rigidity

- The material is made of FCD. 55kg/cm2 (80000 PSI) Ductile iron, and the slide ways are hardened to HRC45° minimum. The rigid construction prevents the base from distortion.

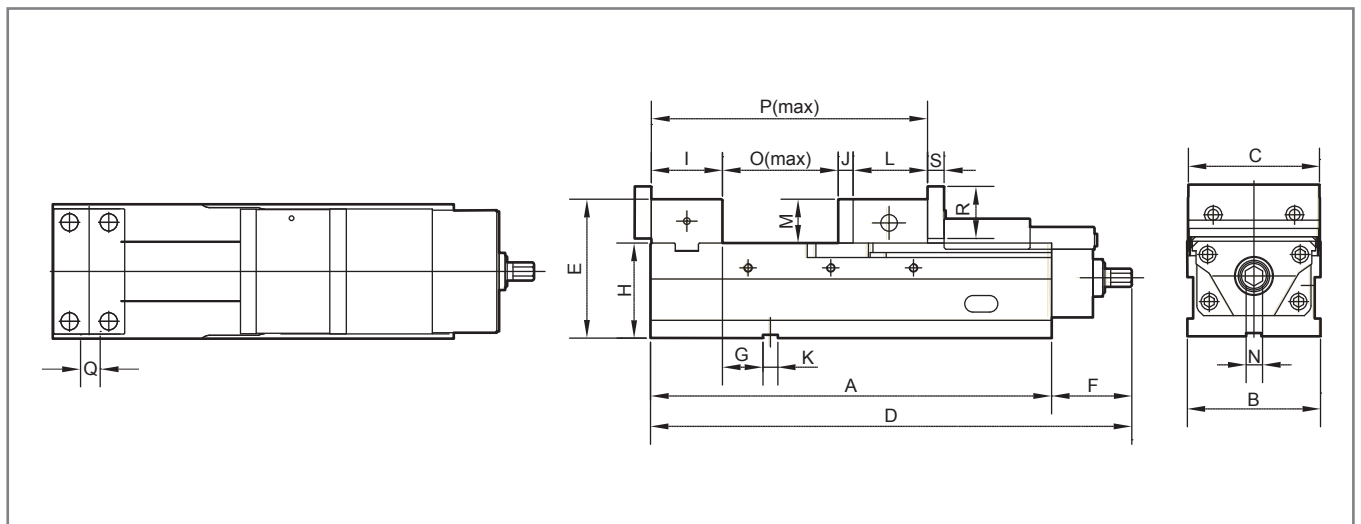
FEATURE: LOCKWELL® ANTI-LIFT MECHANISM

Lift can be controlled to the maximum of 0.015mm (0.0006") (see inspection specification)

- Clamping force and ANTI-LIFT mechanism features virtually eliminate any fixed jaw deflection and movable jaw lift.



U.S.A. PATENT NO. 5160127



Order No.	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	Weight
AVL-100G/HV	324	104	102	437	130	104	32	85	73	15	18	86.5	45	19	140	314.5	20	55	17	27 kg
AVL-125G/HV	390	127	124.7	480	153	105	57	100	78	15	18	87.5	53	19	201	381.5	22.5	63	20	43 kg
AVL-160G/HV	485	161	159.2	625	168	120	67	115	86	18	18	80	53	21	295	479	25	63	20	71 kg

* G: General, HV: Horizontal & Vertical.