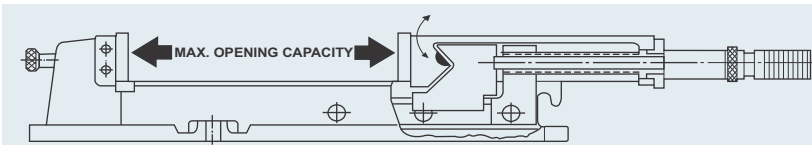


LOCK DOWN JAW HYDRAULIC MACHINE VICE

'SAFEWAY' Lock Down Jaw Hydraulic Machine Vice has 'Down thrust semi-sphere segment' mechanism which eliminates jaw lift and work piece tilt. These vices have in-built hydraulic system hence do not require any external hydraulic line. Vice is operated by handle movement as in mechanical vices. Most suitable for Milling machine or Machining centre.

- High clamping force in forward as well as downward direction is achieved by effortless handle movement.
- Extra large jaw opening.
- Rigid Material-vice body made of ductile iron having 80,000 psi tensile strength.
- Vice bed is flame hardened to HRC 45 which does not wear and maintains accuracy for long.

MODEL	JAW WIDTH	JAW DEPTH	MAX. JAW OPENING	OVERALL LENGTH
PHV-130	130	55	220	505
PHV-160	160	58	300	625
PHV-200	200	63	300	700
PHV-250	250	80	340	810

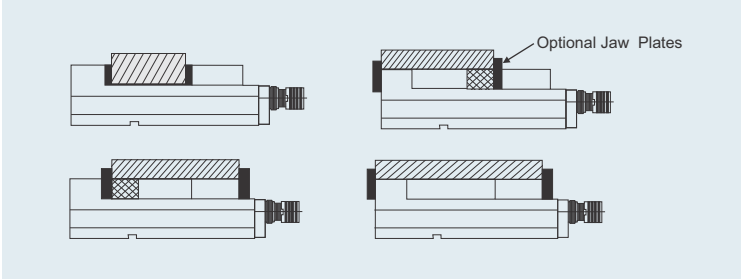


← 2 KGS of power in this direction
 Produce 1 KG of downward.
 Down thrust "semi-sphere segment"
 Mechanism-eliminates jaw lift and work-piece tilt.

MC COMPACT HYDRAULIC VICE

This vice has all features of above PHV model including Lock down jaw mechanism. These vices have in-built hydraulic system hence do not require any external hydraulic line. Vice is operated by handle movement as in mechanical vices. Due to its compact design and accuracy, it is more suitable for machining centre for multiple vice setups.

MODEL	JAW WIDTH	JAW DEPTH	MAX. JAW OPENING	MAX. JAW OPENING WITH OPTIONAL JAW PLATES	OVERALL LENGTH
CHV-100 V	101	48	125	320	475
CHV-130 V	131	55	180	380	540
CHV-160 V	161	58	240	470	630
CHV-200 V	201	63	280	540	705


Examples of Clamping


Above vice is also available in one more model with 90° handle driving mechanism as shown below.



CHV-VD Model
 with 90° handle driving mechanism

DRILL GRINDING MACHINE

'SAFEWAY' Drill Grinding Machine is a portable machine used for Quick & Accurate grinding of Drill point.

- Easy operation, precision grinding by unskilled operator.
- Diamond Wheel for long lasting service life and precise grinding angle.
- Built-in collet bracket for easy management of collets (All sizes collets supplied with the machine).
- Grinds point angle as well as chisel edge angle of a drill.
- Can also grind solid carbide drills with optional Grinding Wheel.

MODEL	DIA. CAPACITY	ANGLE CAPACITY	POWER
SA-1300	3Ø - 13Ø	90° - 144°	Single Phase AC -220 V
SA-2000	3Ø - 20Ø	90° - 144°	Single Phase AC -220 V
SA-2500	13Ø - 26Ø	90° - 144°	Single Phase AC -220 V



Front View



Rear View