



5 AXIS VICES  
MODULAR VICES  
HYDRAULIC VICES  
CNC MACHINE VICES  
SELF CENTERING VICES

**PRODUCT**  
**CATALOGUE 2024**

AN ISO 9001:2015 CO.

**FINEST RANGE OF PRECISION VICES IN INDIA**



## ABOUT US

Y.H. Tools Manufacturers Pvt. Ltd. came into existence in the year 1979 on a microscopic scale employing a few skilled labors who pioneered in Vices and work holding devices with firm devotion moreover, under the strong leadership of our Founder Late Mr. Harbans Singh.

Owing to our consistent efforts, dedication, innovation, and consistent performance, we have successfully built long-standing relations with our customers. We have a large and delighted client base in India, and many other countries. We are the most professional precise vice manufacturer in India.

There are several CNC milling, turning and surface grinding machines in our company, so we can control and process the quality of precision by ourselves. As a result of this, only flawless products are manufactured. These products find application in a large number of industries. They are competitively priced and are highly durable and long lasting.

Quality is synonymous to the products offered by Y.H. Tools Manufacturers Pvt. Ltd. We give full value for the money invested by our esteemed clients. A team of quality monitors keeps a strict vigil on the production process, thereby leaving no scope for any loopholes. The departments of administrative, financial, sales, R&D and quality which cooperate closely with each other to become a firm management team.

In the current great environment of the international market, we keep the existing products improving. Furthermore, our R&D department develops new products to satisfy our customers and different demands. Up gradation of technology also forms a regular feature with the firm to keep pace with the changing market scenario.



### Guarantee

Nicon products are made of selected raw material. Nicon Products are guaranteed against any manufacturing defect. This warranty does not apply to goods which have been altered or misused.

### Important

Due to research and development programs, the design and particulars of all Products, given in this catalogue are subject to change without prior notice to anybody.





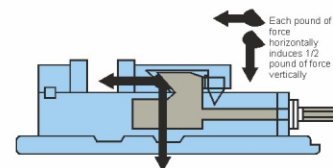
**CODE NO. N-171**

## KEY FEATURES

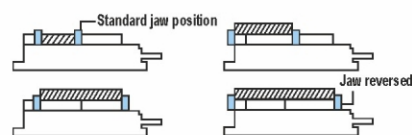
- Lock down jaw vice designed for precision milling machines and CNC machining centres .
- Sealed bearing system induces clamping pressure and increases bearing life.
- Bearing part is stronger & more durable than our previous designed vices.
- Accuracy in parallelism & squareness within 0.02/100 mm.
- Hardened bed and jaws maintain accuracy for long time.
- Ductile Cast iron body.
- No work piece tilt after clamping.
- All parts interchangeable and available as spares.
- Same bed height and Re-designed nut with lighter weight.
- Tenons and tenon slots provided for effortless truing of vice on machine table.
- High clamping force can be achieve by effortless handle movement which eliminates hammering on handle.
- Available with swivel base also.

## STANDARD ACCESSORIES

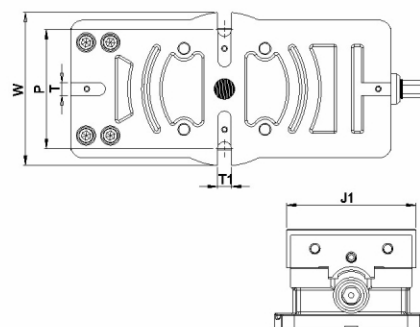
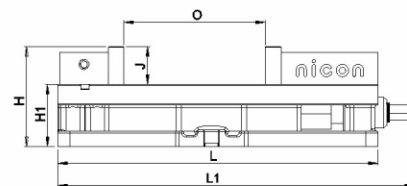
- Chip Guards
- Adjustable Handle



Down thrust "Semi Sphere Segment" mechanism eliminates jaw lift and work piece tilt. No. need to hammer the workpiece as in other vices.



Examples of clamping with different jaw mounting positions possible



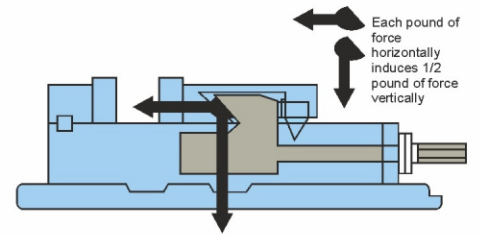
## DIMENSIONS IN MM

MODEL NO.	L	W	H	H1	L1	O	J	J1	P	T	T1	Weight in Kgs.	Clamping pressure in Kgs.
MMV100	308	153	104	67	345	125	37	110	120	16	14	16	1500
MMV150	396	190	125	76.7	440	175	47	160	147	16	17	30	3000
MMV160+	437	190	125	76.7	482	225	47	160	147	16	17	32	3000
MMV200	512	249	152	92	557	255	60	210	195	18	20	62	3500
MMV200+	558	249	152	92	603	305	60	210	195	18	20	65	3500
MMV300	695	350	165	95	760	402	70	300	282	18	22	110	4000

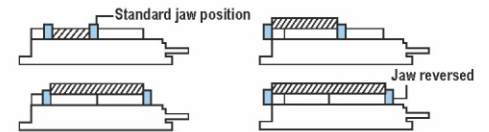
## OPTIONAL JAWS

We Make Master Pieces





Down thrust "Semi Sphere Segment" mechanism eliminates jaw lift and work piece tilt. No. need to hammer the workpiece as in other vices.

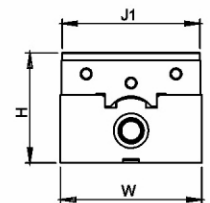
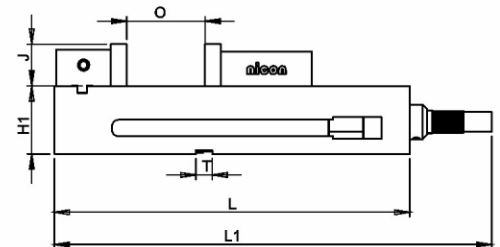
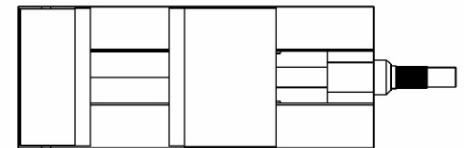


Examples of clamping with different jaw mounting positions possible

**CODE NO. N-131**

## KEY FEATURES

- This vice is the earliest vise that can be used vertical or on either side. Enhanced body structure reduces the deflection in operation while the vise mounted vertical or horizontal.
- The sealed bearing system induces clamping pressure and increases bearing life.
- Accuracy in parallelism & squareness within 0.02/100 mm.
- Hardened bed and jaws maintain accuracy for a long time.
- Ductile cast iron body.
- No workpiece tilt after clamping.
- All parts interchangeable and available as spares.
- Tenons and tenon slots provided for effortless truing of vice on machine table.
- The high clamping force can be achieved by effortless handle movement which eliminate hammering on handle.



## STANDARD ACCESSORIES

- Chip Guards
- Adjustable Handle

## DIMENSIONS IN MM

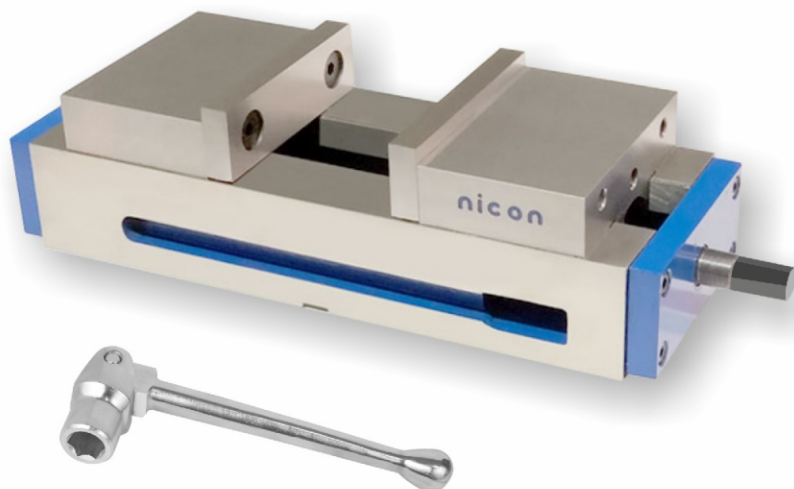
MODEL NO.	L	W	H	L1	H1	O	J	J1	T	Weight in Kgs.	Clamping pressure in Kgs.
CMV150	390	152	120	455	75	150	45	150	18	32	3000

## OPTIONAL JAWS

We Make Master Pieces







**CODE NO. N-132**

## KEY FEATURES

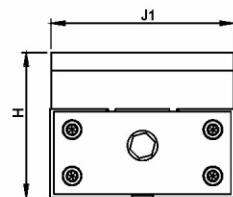
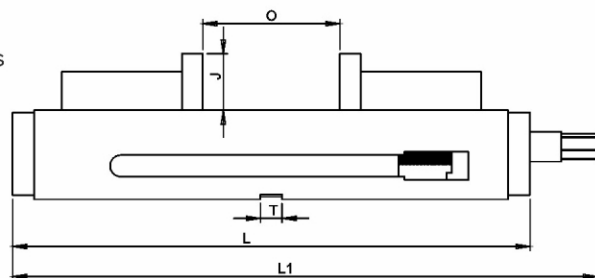
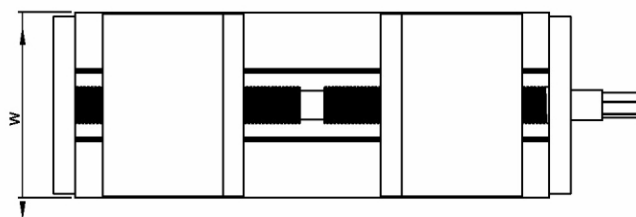
- Self centering lock down jaw vice designed for precision milling machines and CNC machining centers.
- The jaws move towards the center. This always provide stable work piece centering settings.
- Sealed bearing system induces clamping pressure and increases bearing life.
- Accuracy in parallelism & squareness within 0.02/100 mm.
- Hardened bed and jaws maintain accuracy for a long time.
- Ductile cast iron body.
- No work piece tilt after clamping
- All parts interchangeable and available as spares.
- Tenons and tenon slots provided for effortless truing of vice on machine table.
- The high clamping force can be achieved by effortless handle movement which eliminates hammering on a handle.

## STANDARD ACCESSORIES

- Chip Guards
- Adjustable Handle

## DIMENSIONS IN MM

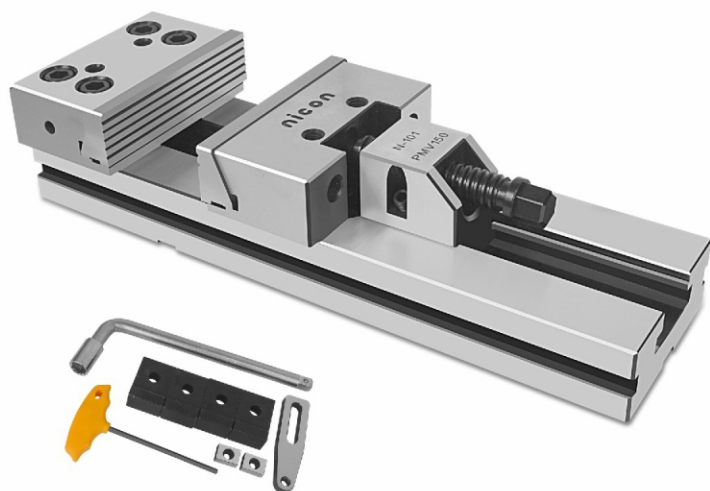
MODEL NO.	L	W	H	O	L1	J	J1	T	Weight in Kgs.	Clamping pressure in Kgs.
SCV150	430	154	122	160	486	45	152	18	34	2000



## OPTIONAL JAWS

We Make Master Pieces





**CODE NO. N-101**

### KEY FEATURES

- Modular vice designed for precision milling, grinding and widely used with CNC milling machines.
- Both jaws plates are in pull-down angle. This ensures, during the clamping operation a down load run of the workpiece against the vice base and thus a precise and safely clamping.
- All components of vice are interchangeable with perfect alignment to provide different work to hold solutions.
- The space-saving design and solid construction allow a maximum blocking ratio to total overall dimension of the vice.
- Four extra tapped hole with ground back jaw rear face increase maximum opening capacity with the addition of jaws extensions.
- High alloyed quality resistance steel, case hardened HRC 60  $\pm$  2 is used in all body and accessories of vice to give maximum rigidity, high performance & no wear.
- Same Bed Height maintained for gang milling operations.

### STANDARD ACCESSORIES

- 1 Work Stopper, 1 Pair of standard 16mm positioning key nuts,
- 4 Clamps, T Allen Key, 1 box Wrench

### DIMENSIONS IN MM

MODEL NO.	L	L1	W	H	H1	O	J	J1	T	Weight in Kgs.	Clamping pressure in Kgs.
PMV100	362	415	100	85	45	175	40	110	16	14.3	2500
PMV150	450	520	125	100	50	225	50	150	16	27	3500
PMV150+	525	595	125	100	50	300	50	150	16	30	3500
PMV200	680	750	170	135	70	400	65	200	16	71	4000
PMV200+	780	850	170	135	70	500	65	200	16	78	4000

### OPTIONAL JAWS



Soft Jaws



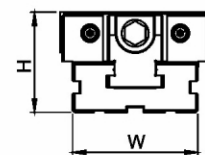
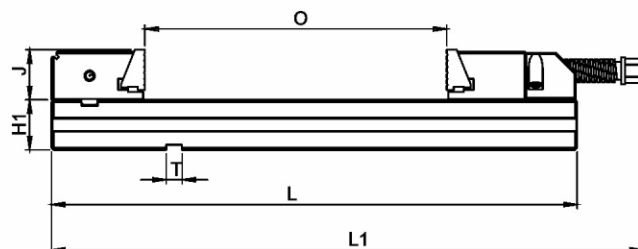
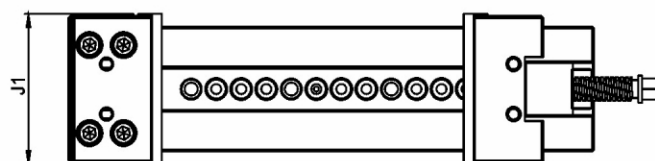
Serrated Jaws



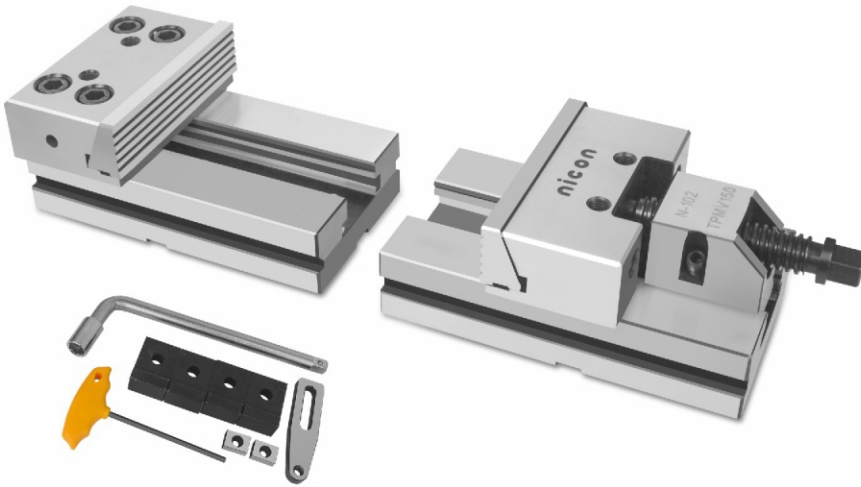
Intermediate Jaws



Extra high Jaws





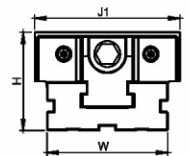
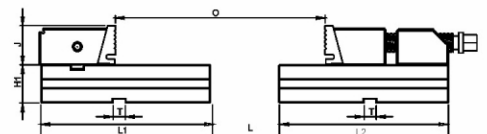
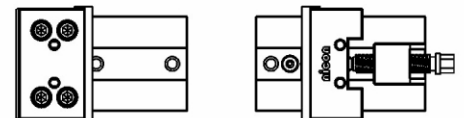
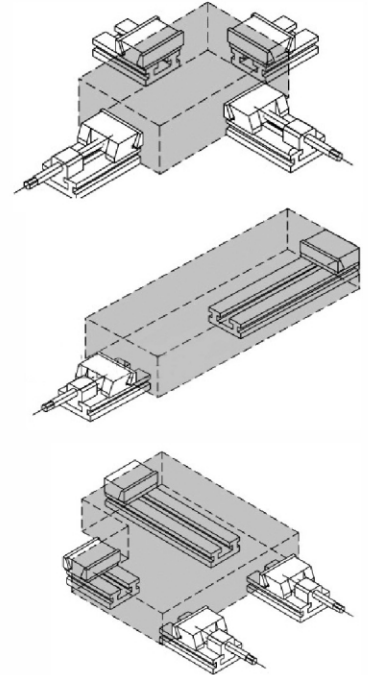


**CODE NO. N-102**

### KEY FEATURES

- Two Piece Modular Vice designed for precision milling, grinding and widely used with CNC and standard milling machines.
- Modular elements allow you perfect clamping even of big workpiece which need heaviest machining using the machine table as surface.
- This vice is solution for a lot of applications and a perfect complement or alternative to single or double vices.
- Both jaws plates are in pull-down angle. This ensures, during the clamping operation a down load run of the workpiece against the vice base and thus a precise and safely clamping.
- All components of vice are interchangeable with perfect alignment to provide different work to hold solutions.
- The space-saving design and solid construction allow a maximum blocking ratio to total overall dimension of the vice.
- Four extra tapped hole with ground back jaw rear face increase maximum opening capacity with the addition of jaws extensions.
- High alloyed quality resistance steel, case hardened HRC 60  $\pm$  2 is used in all body and accessories of vice to give maximum rigidity, high performance & no wear.
- Same Bed Height maintained for gang milling operations.

Examples of clamping with different shape of jobs.



### STANDARD ACCESSORIES

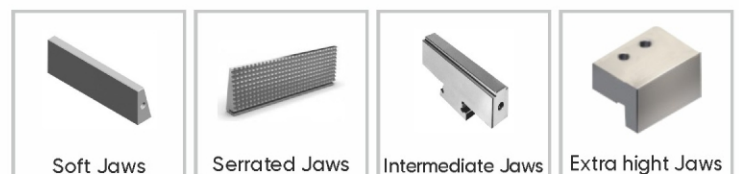
- 1 Work Stopper, 1 Pair of standard 16mm positioning key nuts,
- 4 Clamps, T Allen Key, 1 box Wrench

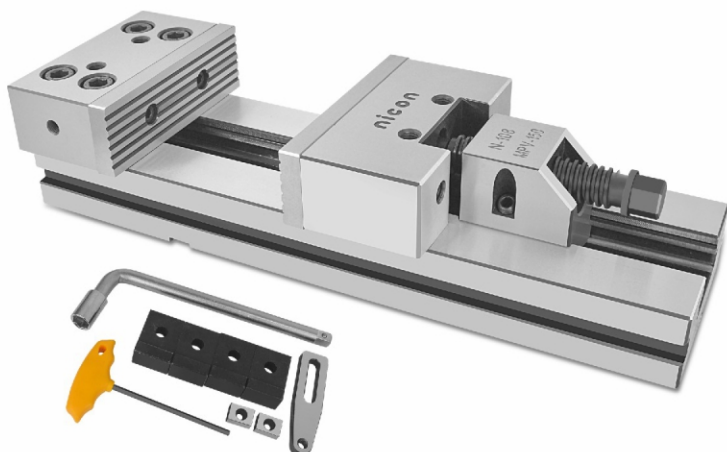
### DIMENSIONS IN MM

MODEL NO.	L	W	H	O	L1	L2	H1	J	J1	T	Weight in Kgs.	Clamping pressure in Kgs.
TPMV150	Unlimited	125	101	Assorted	223	227	50	51	150	16	27	3000

### OPTIONAL JAWS

We Make Master Pieces





**CODE NO. N-108**

### KEY FEATURES

- This Vice designed for precision milling, grinding and widely used with CNC and standard milling machines.
- Both moving and fixed blocks are precision ground with parallelism accuracy 0.01 mm and thus a precise and safely clamping.
- All components of vice are interchangeable with perfect alignment to provide different work to hold solutions.
- The space-saving design and solid construction allow a maximum blocking ratio to total overall dimension of the vice.
- Four extra tapped hole in moving and fixed rear blocks in front and top for optional jaws and fixtures.
- High alloyed quality resistance steel, case hardened HRC 60  $\pm$ 2 is used in all body and accessories of vice to give maximum rigidity, high performance & no wear.
- Same Bed Height maintained for gang milling operations.

### STANDARD ACCESSORIES

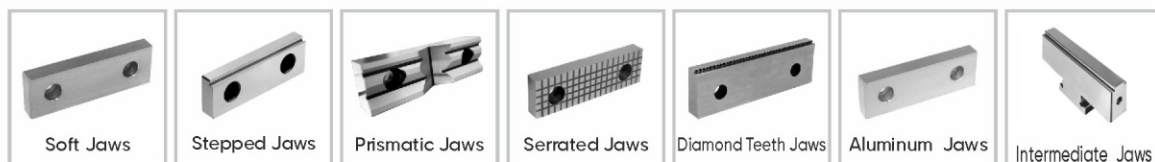
- 1 Work Stopper, 1 Pair of standard 16mm positioning key nuts,
- 4 Clamps, T Allen Key, 1 box Wrench

### DIMENSIONS IN MM

MODEL NO.	L	L1	H	H1	H2	O	W	W1	T	Weight in Kgs.	Clamping pressure in Kgs.
MPV125	363	412	85	40	45	175	97	125	16	15	2500
MPV150	450	515	100	50	50	225	125	150	16	27.5	3500
MPV150+	525	590	100	50	50	300	125	150	16	30	3500

### OPTIONAL JAWS

We Make Master Pieces







**CODE NO. N-121**

### KEY FEATURES

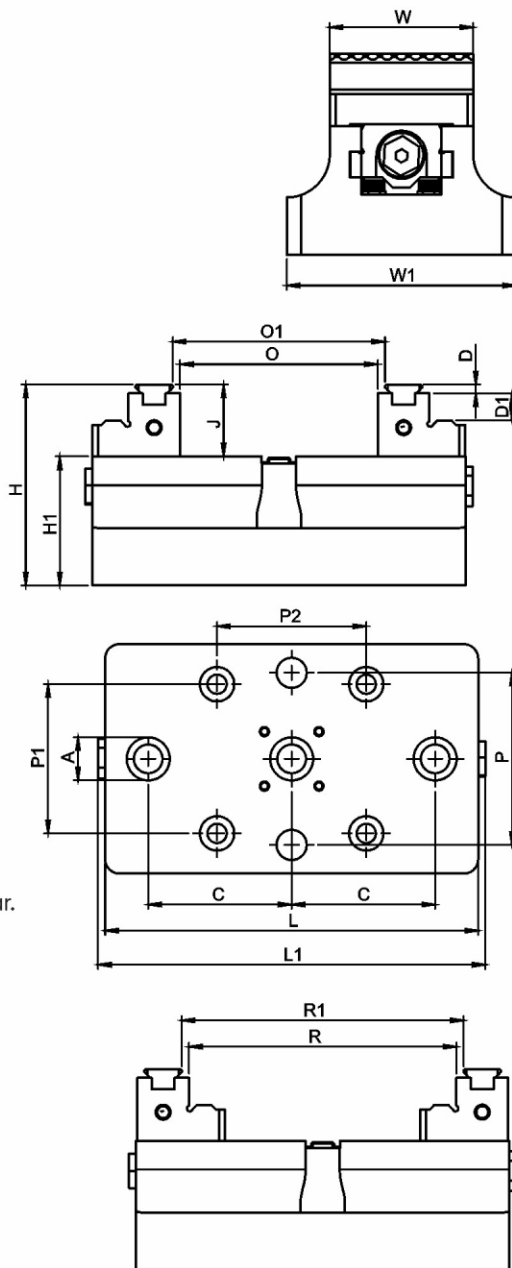
- Self centering 5-axis machine vice designed for precision 4 and 5-Axis CNC rotary table usage, either in horizontal or vertical machining and widely used with Grinding & Precision Milling Machines.
- Vice precision of its centre repetition position is  $\pm 0.02\text{mm}$ .
- The space saving design and solid construction allow a maximum blocking ratio to total overall dimension of the vice.
- High alloyed quality resistance steel, case hardened  $\text{HRC } 60 \pm 2$  is used in all body and accessories of vice to give maximum rigidity, high performance & no wear.
- All components of vice are interchangeable with perfect alignment to provide different work holding solutions.
- Minimum clamping depth of workpiece 3 mm gives enormous material savings.
- Maximum clamping pressure 5000 kg. approximate.
- Highest holding power at minimum clamping force.
- Vice allows application of short tools reduced vibration longer life to provide the best finish.
- Ideal for use in 3 Axis machining centers also for mass production with multiple vices setup.
- Same bed height maintained for gang milling operations.

### STANDARD ACCESSORIES

- 1 Work Stopper, 3 Pc. of standard 15mm positioning Pins
- T Allen Key, 1 box Wrench

### DIMENSIONS IN MM

MODEL NO.	L	L1	W	H	H1	J	P	P1	P2	O	O1	D	D1	C	A	R	R1	Weight in Kgs.	Clamping pressure in Kgs.
FAV-50M	90	95	50	70	45	25	60	52	52	30	35	3	9.5	30	15	55	60	2.1	2000
FAV-50	130	135	50	70	45	25	60	52	52	70	75	3	9.5	50	15	95	100	2.8	2000





**CODE NO. N-121**

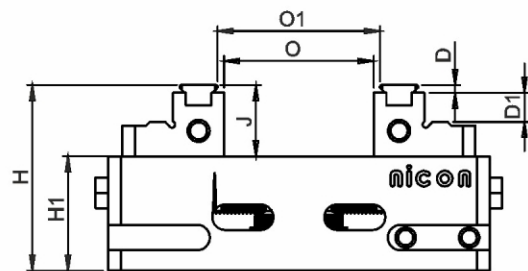
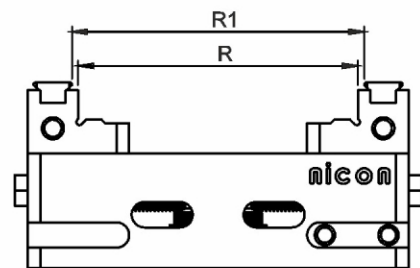
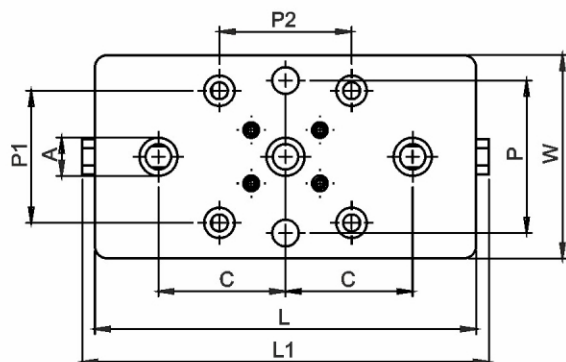
### KEY FEATURES

- Self centering 5-axis machine vice designed for precision 4 and 5-Axis CNC rotary table usage, either in horizontal or vertical machining and widely used with Grinding & Precision Milling Machines.
- Vice precision of its centre repetition position is  $\pm 0.02\text{mm}$ .
- The space saving design and solid construction allow a maximum blocking ratio to total overall dimension of the vice.
- High alloyed quality resistance steel, case hardened HRC  $60 \pm 2$  is used in all body and accessories of vice to give maximum rigidity, high performance & no wear.
- All components of vice are interchangeable with perfect alignment to provide different work holding solutions.
- Minimum clamping depth of workpiece 3 mm gives enormous material savings.
- Maximum clamping pressure 5000 kg. approximate.
- Highest holding power at minimum clamping force.
- Vice allows application of short tools reduced vibration longer life to provide the best finish.
- Ideal for use in 3 Axis machining centers also for mass production with multiple vices setup.
- Same bed height maintained for gang milling operations.

### STANDARD ACCESSORIES

- 1 Work Stopper, 3 Pc. of standard 15mm positioning Pins
- T Allen Key, 1 box Wrench

### DIMENSIONS IN MM



MODEL NO.	L	L1	W	H	H1	J	P	P1	P2	O	O1	D	D1	C	A	R	R1	Weight in Kgs.	Clamping pressure in Kgs.
FAV80M	120	130	80	73	45	28	60	52	52	40	45	3	11.5	50	15	80	85	3.6	2500
FAV80	150	160	80	73	45	28	60	52	52	70	75	3	11.5	50	15	110	115	4.2	2500
FAV100	165	170	100	81	50	31	80	52	52	75	81	3	12.5	50	15	120	125	6.3	2500
FAV125	210	210	125	90	57	33	100	96	96	110	116	3	10.5	75	15	160	165	11	3000
FAV125+	260	260	125	90	57	33	100	96	96	160	166	3	10.5	100	15	210	215	13	3000

### OPTIONAL JAWS



Stepped Jaws



Prismatic Jaws



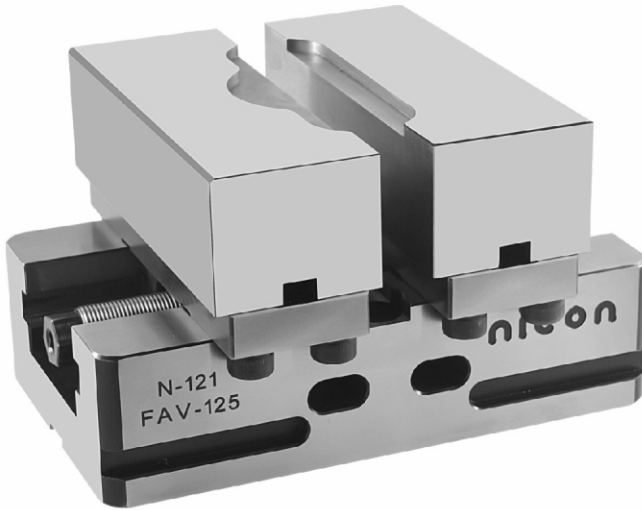
For Round Jobs



Intermediate Jaw

We Make Master Pieces

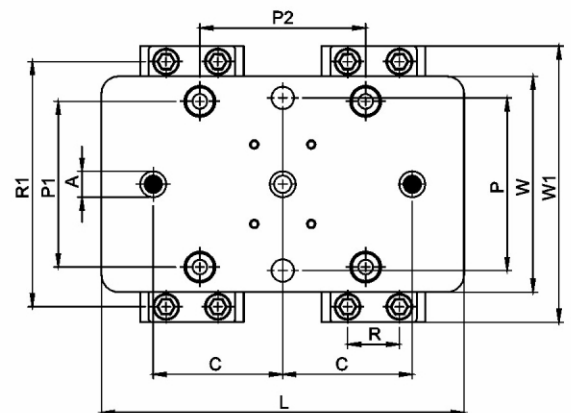
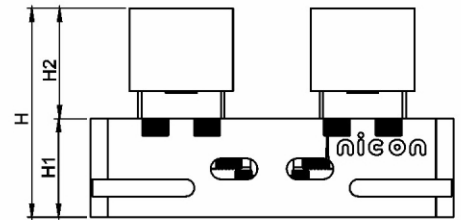




**CODE NO. N-122**

### KEY FEATURES

- Profile clamping vices design for the parts have been machined on 5 sides using the diamond teeth jaws, customers need a way of holding the component to machine the sixth face, these vices are a simple and cost effective solution to this problem.
- Soft jaws can be purchased in steel or aluminium according to the application.
- Vice Precision of its Centre Repetition Position is  $+ 0.02\text{mm}$ .
- The Space Saving design and Solid Construction allow a Maximum Blocking ratio to Total overall Dimension of the vice.
- High Alloyed Quality resistance steel, Case Hardened HRC  $60 \pm 2$  is Used In all Body and Accessories of Vice to Give Maximum rigidity, High Performance & No Wear.
- All Components of Vice are interchangeable with Perfect alignment to Provide different work holding Solutions.



### STANDARD ACCESSORIES

- 1 Work Stopper, 3 Pc. of standard 15mm positioning Pins
- T Allen Key, 1 box Wrench

### DIMENSIONS IN MM

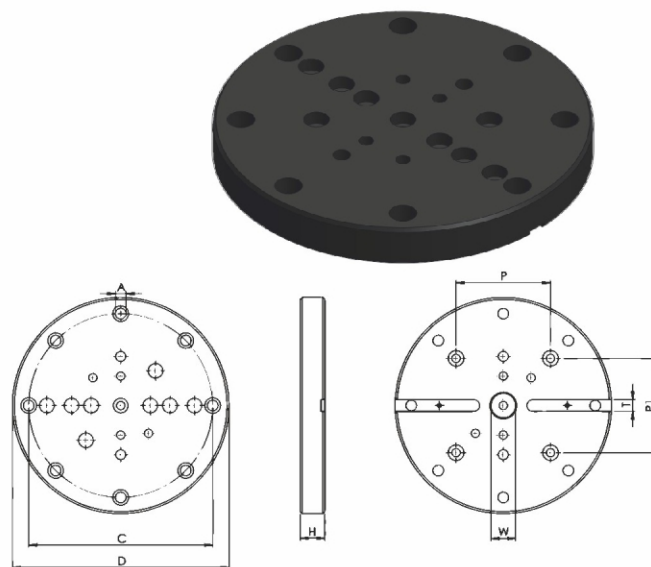
MODEL NO.	L	W	W1	H	H1	H2	P	P1	P2	C	A	R	R1	Weight in Kgs.	Clamping pressure in Kgs.
PCV80	150	80	125	105	45	60	60	52	52	50	15	22	105	9	2500
PCV125	210	125	160	120	57	63	100	96	96	75	15	30	142	18	3000

**CODE NO. N-130S**

**KEY FEATURES**

- Adaptor Plates designed for 5 axis vices to install on wide range of rotary tables, machine tables.
- Adaptor plates reduce setup time of vices on rotary tables.
- This is an easier way to mount 5 Axis vices to a machine table.
- All steel Hardened and ground on all surfaces and guide pin bores.

**DIMENSIONS IN MM**



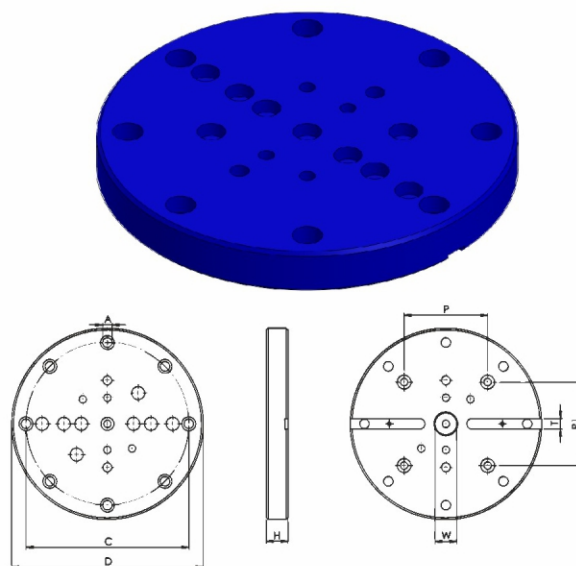
MODEL NO.	D	H	C	A	W	P	P1	T	Weight in Kgs.	Suitable for Vices
NSPS-160	160	25	135	11	25	52	52	12	3.5	FAV-50M, 50, 80M & 80
NSPS-220	220	25	187	11	25	96	96	12	6.8	FAV-50M, 50, 80M, 80, 100 & 125

**CODE NO. N-130A**

**KEY FEATURES**

- Adaptor Plates designed for 5 axis vices to install on wide range of rotary tables, machine tables.
- Adaptor plates reduce setup time of vices on rotary tables.
- This is an easier way to mount 5 Axis vices to a machine table.
- Made from High Alloy anodised aluminium, Precision ground on all surfaces and guide pin bores.

**DIMENSIONS IN MM**



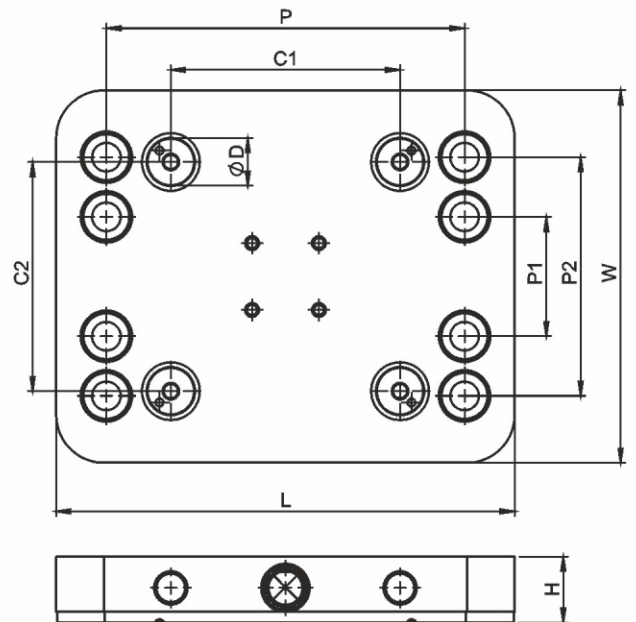
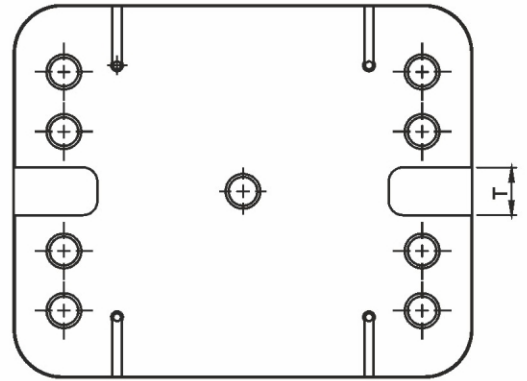
MODEL NO.	D	H	C	A	W	P	P1	T	Weight in Kgs.	Suitable for Vices
NSPA-160	160	25	135	11	25	52	52	12	1.2	FAV-50M, 50, 80M & 80
NSPA-220	220	25	187	11	25	96	96	12	2.4	FAV-50M, 50, 80M, 80, 100 & 125



**CODE NO. N-128**

## KEY FEATURES

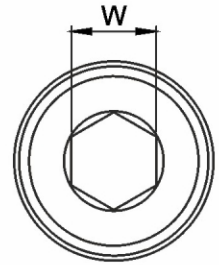
- Grip Lock base plates can save the maximum positioning time of the fixture during change over.
- Space saving Compact Design, Four point clamping by only one actuation screw
- Installing Quick Change Device in the entire production line can effectively reduce the accumulated tolerance
- Fixtures can be rotated 90 degrees while maintaining centering accuracy
- Support common stud specifications in the market (52/ 96 mm bolt distance)
- Various specifications for flexible configuration, especially suitable for 4, 5-axis machine tool with limited bed space
- High alloyed quality resistance steel, case hardened HRC 60  $\pm 2$  is used in all body and accessories of vice to give maximum rigidity, high performance & no wear.



## DIMENSIONS IN MM

MODEL NO.	L	W	H	T	P	P1	P2	C1	C2	D	Weight in Kgs.	Torque input Nm
GL52	150	115	27	20	100	50	-	52	52	16	2.9	30
GL96	192	155	27	20	150	50	100	96	96	20	5.3	30

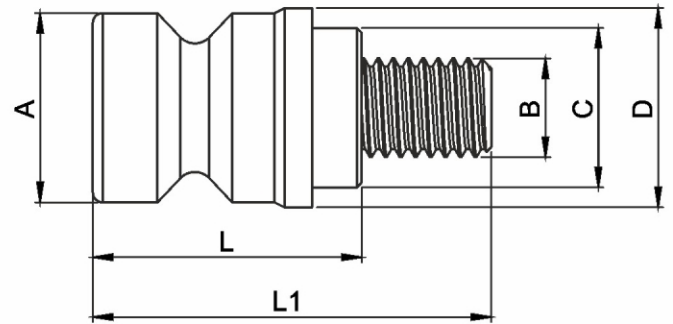




**CODE NO. N-129**

### KEY FEATURES

- Pull Studs for use in Grip-Lock Zero Point Clamping Receiver.
- High alloyed quality resistance steel, case hardened HRC60 is used to give High performance and no wear.
- Zero-Point Pull Studs are compatible with Nicon 5 Axis Vices and Competitor Zero-Point systems requiring studs with 52mm (16mm pin diameter) or 96mm (20mm pin diameter).
- Use these Zero Point Pull Studs to create quick-change fixtures, or mount directly to work pieces for fast part changeovers.



### DIMENSIONS IN MM

MODEL NO.	D	L	L1	A	W	C	B
NPS-16	16	27	36	15	6	12	M8
NPS-20	20	27	40	19	8	16	M10



**CODE NO. N-123**

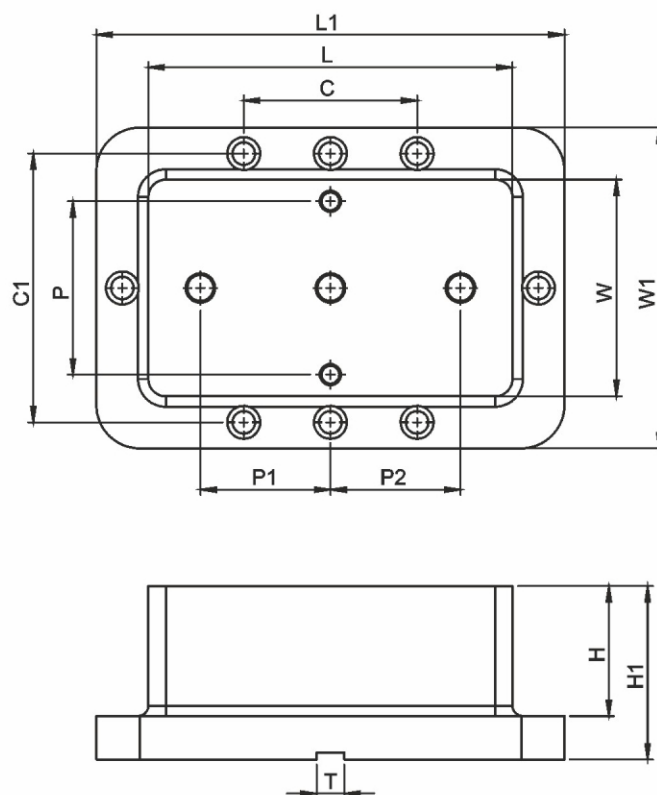
### KEY FEATURES

- The Raiser Block is made of 6061-T651 high alloy aluminum with anodize coating.
- Raiser Block to use with Nicon 5 axis vices Models .
- The Riser Block is ideal for use with 5 axis machining centres to reduce tool reach.

### STANDARD ACCESSORIES

- 1 Pair of standard 16mm positioning key nuts.

### DIMENSIONS IN MM



MODEL NO.	L	L1	W	W1	H	H1	T	P	P1	P2	C	C1	Weight in Kgs.
RBA80	150	210	80	140	75	100	16	60	50	50	100	110	4.2
RBA100	165	230	100	160	75	100	16	80	50	50	100	130	5.6
RBA125	210	270	125	185	75	100	16	100	75	75	100	155	8.5



**CODE NO. N-124**

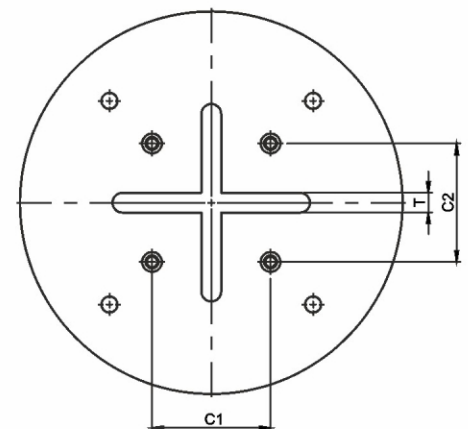
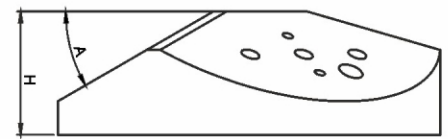
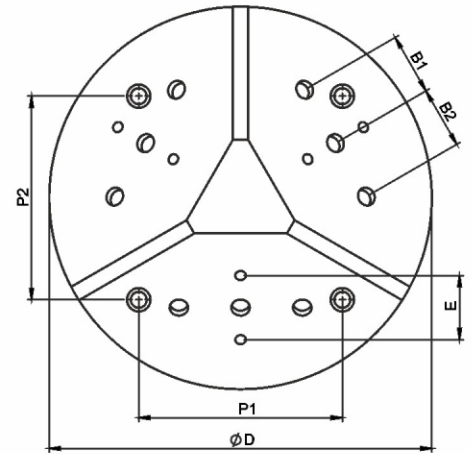
### KEY FEATURES

- The Nicon Pyramid Raiser Block is designed to attach three vices for five-axis machining of multiple parts in one setup. The 30-degree vice mounting surface is positioned so that each vise provides maximum access to all machined surfaces and allows for enhanced spindle and cutting tool clearance.
- The Pyramid Raiser Block is made of 6061-T651 anodized aluminum and has a 310mm diameter and base to fit a variety of five-axis CNC machines, 5-axis rotary tables. The Pyramid comes pre-drilled for easy mounting to most machine tables, pallets or sub plates.

### STANDARD ACCESSORIES

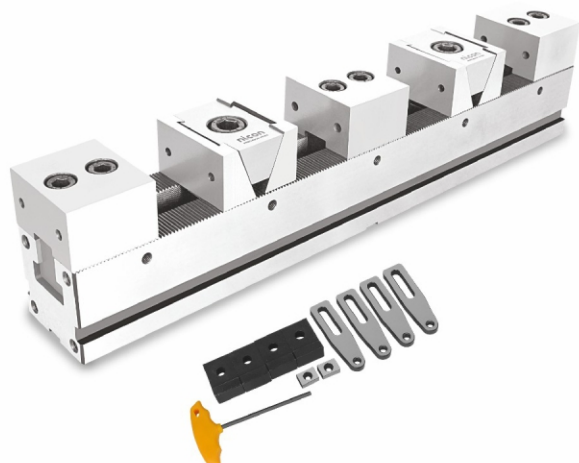
- 1 Pair of standard 16mm positioning key nuts.

### DIMENSIONS IN MM

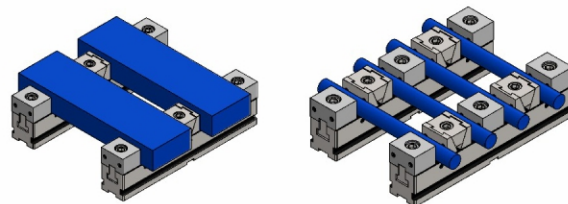


MODEL NO.	D	H	T	P1	P2	C1	C2	A	B1	B2	E	Weight in Kgs.	Suitable for Vices
PRB80	310	100	16	165	165	96	96	30°	50	50	60	13.300	FAV 50, 80M, 80





Examples of clamping with different shape of jobs.



**CODE NO. N-103S**

### KEY FEATURES

- Adjustable vise can clamp work pieces in square, round or irregular shapes.
- The user can quickly adjust the location of the Vice for different sized parts
- to be hold faster and more efficiently.
- Hardened & ground Serreted slideways and fixed jaws for rigid clamping .
- The adjustable version Multigrip vises are a totally new concept of modular clamping system able to maximize the machine table capacity
- and thus to increase its productivity.
- This system is designated for clamping several work pieces at the same time on the machine tool table, thus reducing tool changeover times.
- Highest Accuracy in positioning and alinement  $\pm 0.02$  mm.
- Multigrips vises can be vertically assembled linked each other or clamped
- to specific work holding structures.

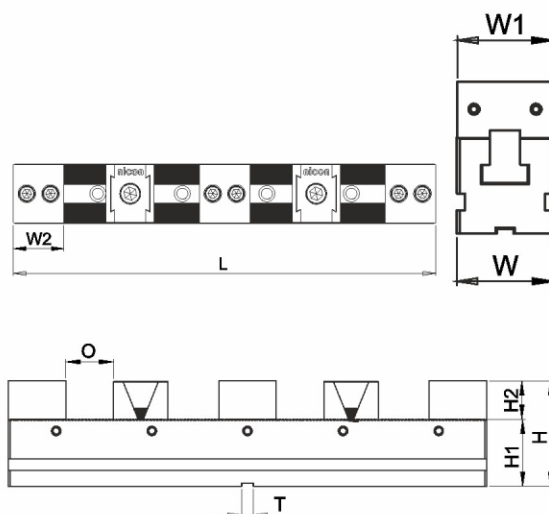
High alloyed quality resistance steel, case hardened HRC 60  $\pm 2$  is used in all body and accessories of vice to give maximum rigidity, high

- performance & no wear.

MGVS 5030 will be supplied with 1 wedge clamp & 2 adjustable blocks, MGVS 7050 & MGVS 7060 will be supplied with 2 wedge clamp, 3 adjustable blocks.

### STANDARD ACCESSORIES

- 4 Work Stopper, 2 Allen Keys, One Pair of 16mm Positioning Key nuts.
- MGVS-5030 will be supplied with 1 wedge clamp & 2 adjustable blocks,
- MGVS-7050 and MGVS-7060 will be supplied with 2 wedge clamps & 3 adjustable blocks.



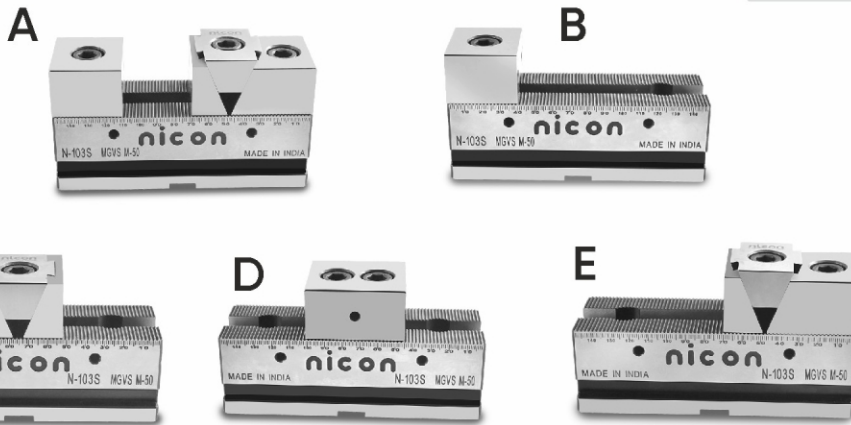
### CLAMPING POSSIBILITIES WITH DIFFERENT SIZE OF JOBS

No. of Pieces	MGVS-5030	MGVS-7050	MGVS-7060
1	175mm	345mm	442mm
2	88mm	172mm	221mm
3	43mm	95mm	128mm
4	22mm	58mm	84mm
5	8mm	36mm	55mm
6	-	21mm	38mm
7	-	10mm	24mm
8	-	-	14mm

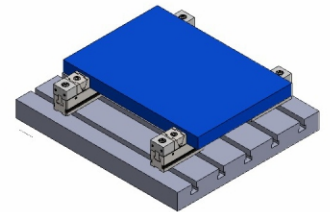
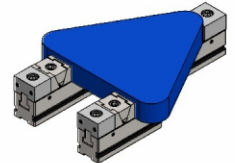
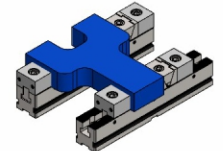
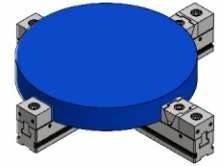
### DIMENSIONS IN MM

MODEL NO.	L	H	H1	H2	W	W1	W2	T	Weight in Kgs.	Clamping pressure in Kgs.
MGVS5030	300	80	50	30	50	48	40	16	6	3000
MGVS7050	500	110	70	40	70	68	50	16	18.5	5000
MGVS7060	600	110	70	40	70	68	50	16	21.5	5000

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Examples of clamping with different shape of jobs.



MGAV-5030-A	MGAV-5030-B	MGAV-5030-C	MGAV-5030-D	MGAV-5030-E

**CODE NO. N-103AV**

## KEY FEATURES

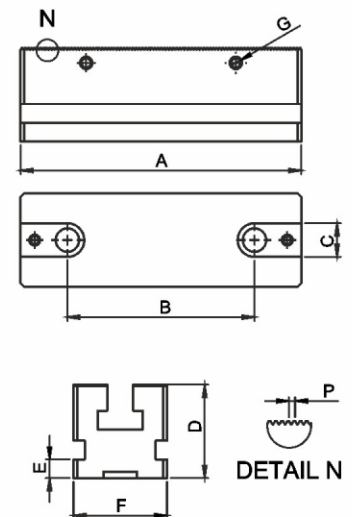
- Adjustable vise can clamp work pieces in square, round or irregular shapes.
- The user can quickly adjust the location of the Vice for different sized parts to be hold faster and more efficiently.
- Hardened & ground Serrate slideways and fixed jaws for rigid clamping .
- The adjustable version Multigrip vises are a totally new concept of modular clamping system able to maximize the machine table capacity and thus to increase its productivity.
- This system is designated for clamping several work pieces at the same time on the machine tool table, thus reducing tool changeover times.
- Highest Accuracy in positioning and alinement  $\pm 0.02$  mm.
- Multigrip vises can be vertically assembled linked each other or clamped to specific work holding structures.
- High alloyed quality resistance steel, case hardened HRC 60  $\pm 2$  is used in all body and accessories of vice to give maximum rigidity, high performance & no wear.

## STANDARD ACCESSORIES

- 1 Work Stopper, 2 Allen Keys, One Pair of 16mm Positioning Key nuts.

## DIMENSIONS IN MM

MODEL NO.	A	B	C	D	E	F	G	P	H	Weight in Kgs.
MGAV-5030	150	100	18	50	10	50	M6	1.5	30	2.1





**CODE NO. N-401**

### KEY FEATURES

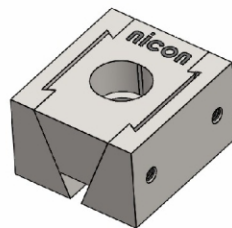
- Wedge clamps are ideal for multiple clamping operations, but can also be used for clamping individual work pieces.
- Clamping with wedge clamps is achieved via the socket head cap screw and the wedge clamp which function by moving both jaws outward.
- When the screw is loosened, the clamp wedge returns to its original position via an internal return spring which in turn loosens the tension.
- The long hole in the clamp wedge serves to compensate for tolerances in the workpiece.
- Hardened & ground wedge surfaces.
- Socket head cap screw High-Tensile strength socket head cap screw.
- Available in serrated jaw faces also.

### STANDARD ACCESSORIES

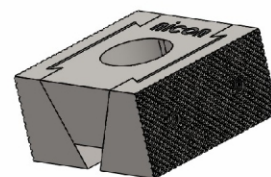
- 1 Allen Key

### DIMENSIONS IN MM

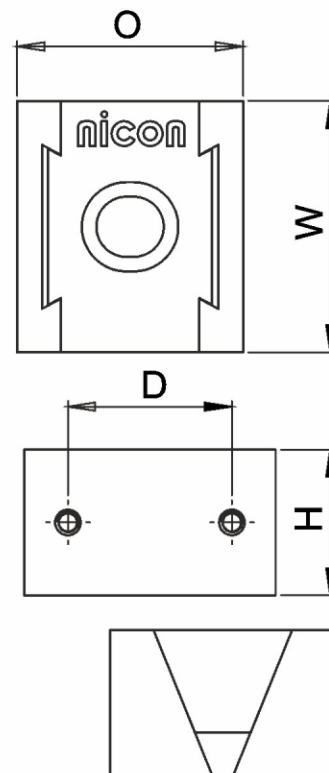
MODEL NO.	W	O	H	D	Weight in Kgs.	Clamping pressure in Kgs.
WC48	48	42-48	30	33	0.420	3000
WC68	68	52-58	40	45	1	5000



WITHOUT SERRATION



WITH SERRATION







**CODE NO. N-104**

### KEY FEATURES

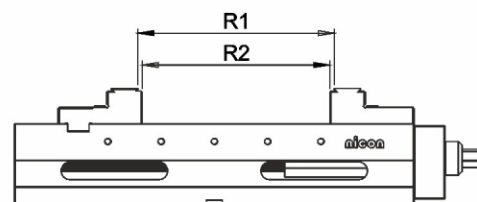
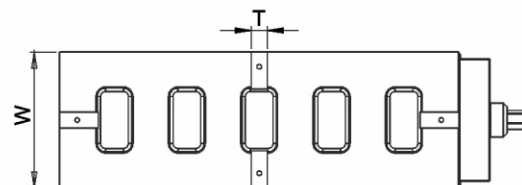
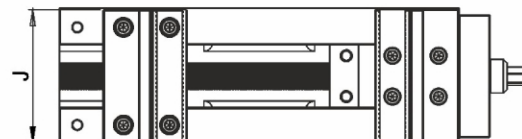
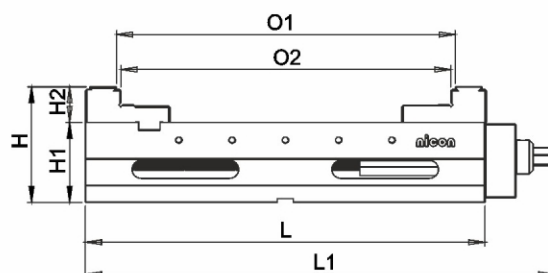
- Hi-Grip machine vice designed for precision milling, grinding machines and widely used with CNC machining centre.
- High grade FCD 60 ductile iron body, grounded top & bottom.
- Bed height matched with multiple vice orders.
- High alloyed quality resistance steel, case hardened  $HRC\ 60 \pm 2$  is used in clamping jaws to give high performance & no wear.
- Accuracy in parallelism & squareness within  $0.02/100mm$ .
- Interchangeable Jaw Plates.
- Tenon & tenon slots provided for effortless truing on vice of machine table.
- High clamping force can achieve by effortless handle movement which eliminates hammering on vice handle.
- Maximum clamping force 5000 kg.

### STANDARD ACCESSORIES

- 4 Side Clamps. 1 Pair positioning Key nuts, 1 work stopper, 1 Box Wrench

### DIMENSIONS IN MM

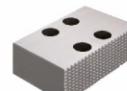
MODEL NO.	L	L1	H	H1	H2	O1	O2	R1	R2	T	W	J	Weight in Kgs.	Clamping pressure in Kgs.
HGV150	450	530	130	90	40	380	370	220	210	18	153	150	40	5000



### OPTIONAL JAWS



Soft Jaws



Serrated Jaws

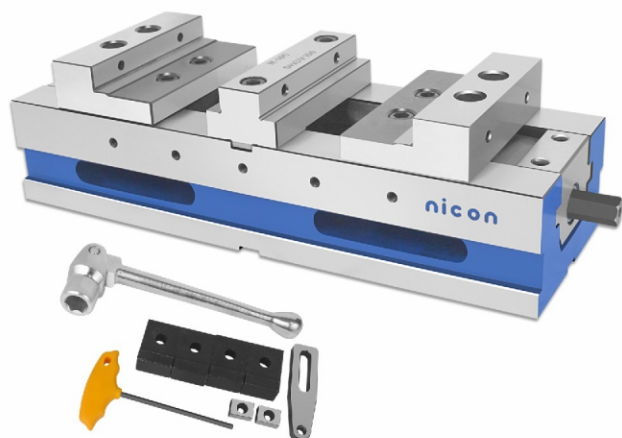


Stepped Jaws



Prismatic Jaws

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**CODE NO. N-105**

### KEY FEATURES

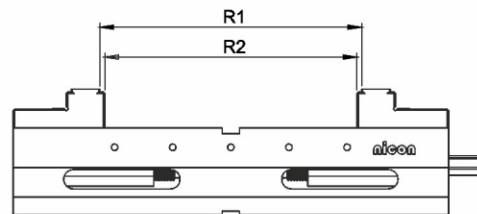
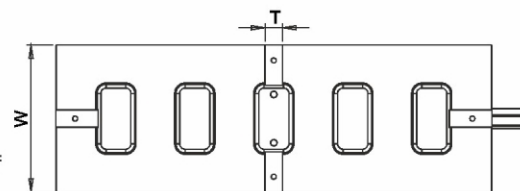
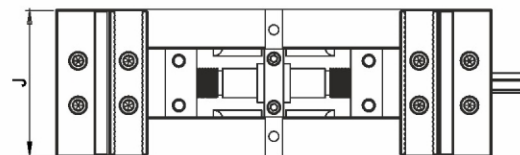
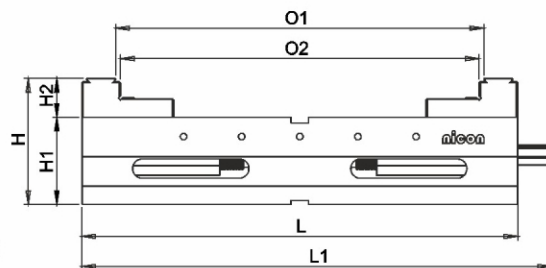
- Self centering high-grip machine vice designed for precision milling, grinding & widely used with CNC machining centre.
- The jaws move towards the center. This always provide stable work piece centering settings.
- High-Grade FCD 60 body, grounded top & bottom. This CNC vice Securely Holds two work pieces for Maximum Productivity.
- Perfect vice for mass production environments.
- The vice also quickly convert into a wide opening single station CNC vice with a massive 375mm capacity.
- Bed High matched with multiple vice orders.
- High alloyed quality resistance steel, case hardened HRC  $60 \pm 2$  is used in clamping jaws to give high performance & no wear.
- Accuracy in Parallelism & Squareness within 0.02/100mm.
- Interchangeable Jaws Plates. Tenon & Tenon slots provided for effortless truing of vice on machine table.
- High clamping force can achieve by effortless handle movement which eliminates hammering on vice handle.
- Maximum clamping force 4000 kg.

### STANDARD ACCESSORIES

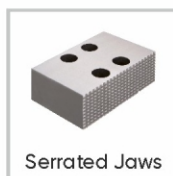
- 4 Side Clamps. 1 Pair positioning Key nuts, 1 work stopper, 1 Box Wrench

### DIMENSIONS IN MM

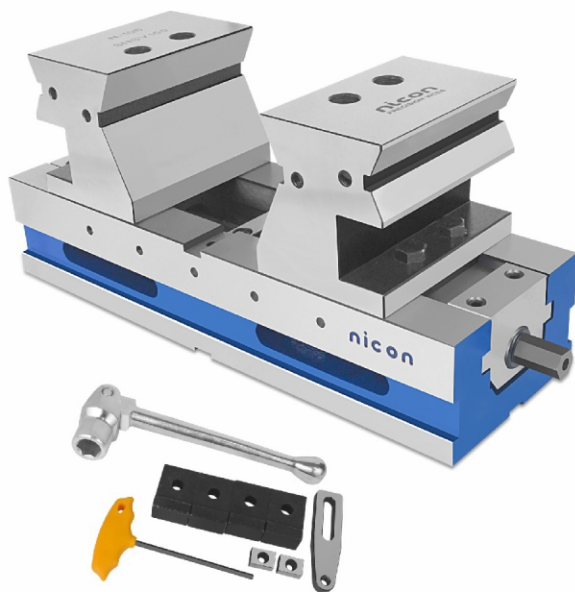
MODEL NO.	L	L1	H	H1	H2	O1	O2	R1	R2	T	W	J	Weight in Kgs.	Clamping pressure in Kgs.
SHGV150	450	485	130	90	40	380	370	270	260	18	153	150	43	4000



### OPTIONAL JAWS



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**CODE NO. N-106**

## KEY FEATURES

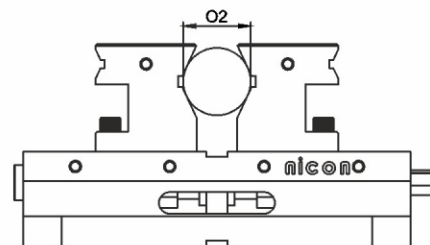
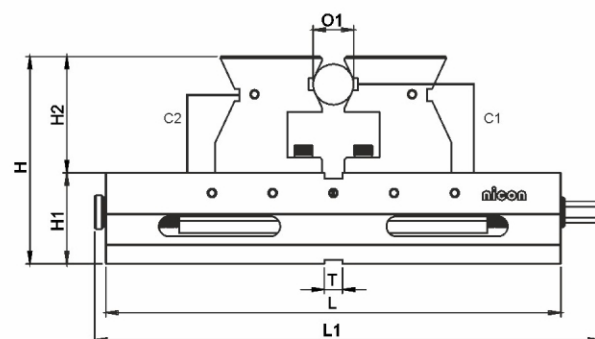
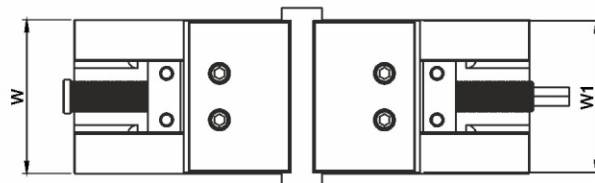
- Self centering High-Grip shaft vice designed for accurate centering for round jobs on precision milling machine & widely used with CNC machining centre.
- High-Grade FCD 60 grade ductile iron body. Grounded top & bottom. This CNC vice securely Holds round jobs and can also use in various shapes of components with the help of different available optional jaws.
- Perfect vice for mass production environments.
- Bed high matched with multiple vice orders.
- High alloyed quality resistance steel, case hardened HRC  $60 \pm 2$  is used in clamping jaws to give high performance & no wear.
- Tenon & Tenon slots provided for effortless truing of vice on machine table.
- High clamping force can achieve by effortless handle movement which eliminates hammering on vice handle.

## STANDARD ACCESSORIES

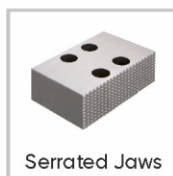
- 4 Side Clamps. 1 Pair positioning Key nuts, 1 work stopper, 1 Box Wrench

## DIMENSIONS IN MM

MODEL NO.	L	L1	H	H1	H2	W	W1	O1	O2	T	C1	C2	Weight in Kgs.	Clamping pressure in Kgs.
SHSV125	287	315	150	70	80	165	125	25-50	50-100	16	52	65	25	3000
SHSV150	450	500	205	90	115	152	150	40-100	50-150	18	77	87	57	3500

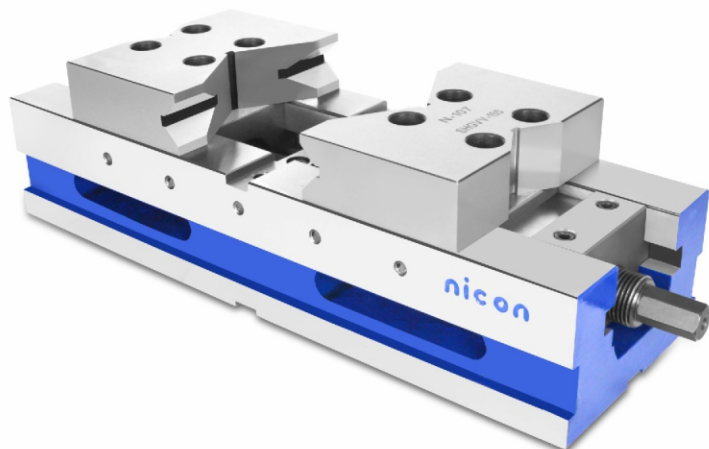


## OPTIONAL JAWS



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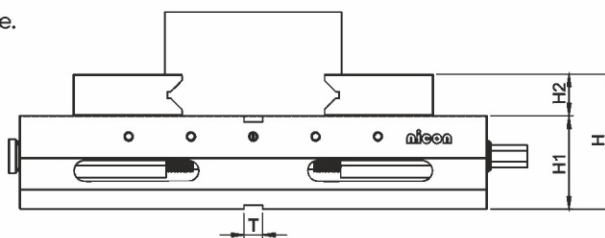
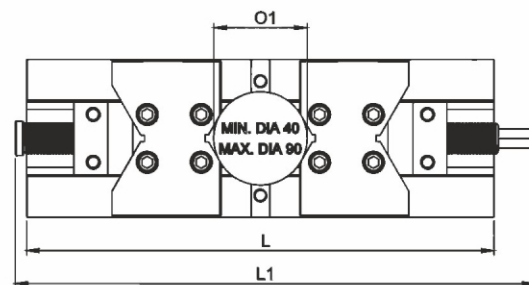
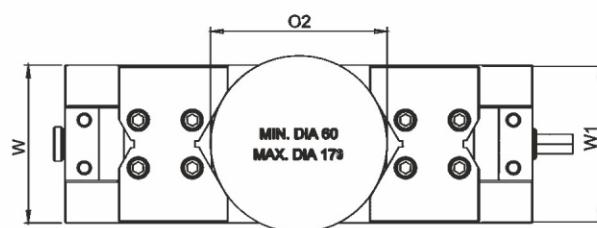
**CODE NO. N-107**

## KEY FEATURES

- Self centring High-Grip shaft vice designed for accurate centring for round jobs on precision milling machine & widely used with CNC machining centre.
- High-Grade FCD 60 grade ductile iron body. Grounded top & bottom. This CNC vice securely Holds round jobs and can also use in various shapes of components with the help of different available optional jaws.
- Perfect vice for mass production environments.
- Bed hight matched with multiple vice orders.
- High alloyed quality resistance steel, case hardened HRC  $60 \pm 2$  is used in clamping jaws to give high performance & no wear.
- Tenon & Tenon slots provided for effortless truing of vice on machine table.
- High clamping force can achieve by effortless handle movement which eliminates hammering on vice handle.

## STANDARD ACCESSORIES

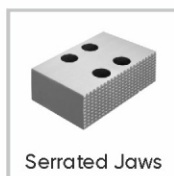
- 4 Side Clamps. 1 Pair positioning Key nuts, 1 work stopper, 1 Box Wrench



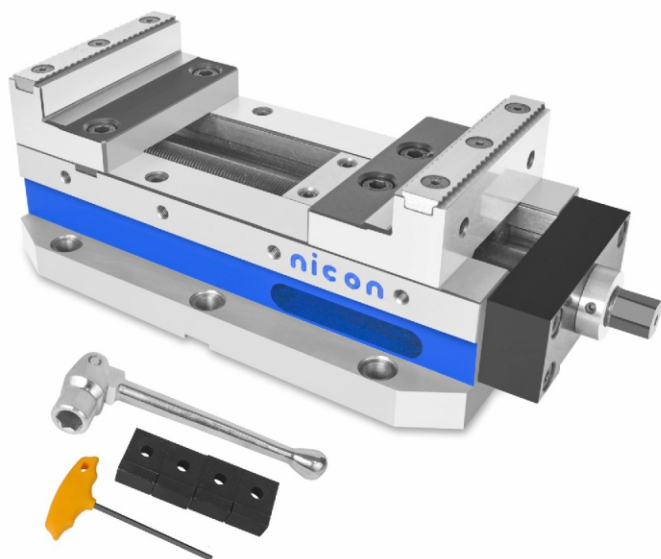
## DIMENSIONS IN MM

MODEL NO.	L	L1	H	H1	H2	W	W1	O1	O2	T	Weight in Kgs.	Clamping pressure in Kgs.
SCVS150	450	500	130	90	40	152	150	40-90	60-170	18	43	3500

## OPTIONAL JAWS



We Make Master Pieces



**CODE NO. N-109**

### KEY FEATURES

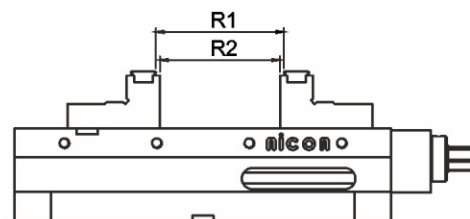
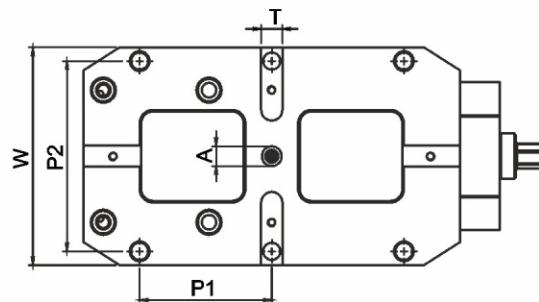
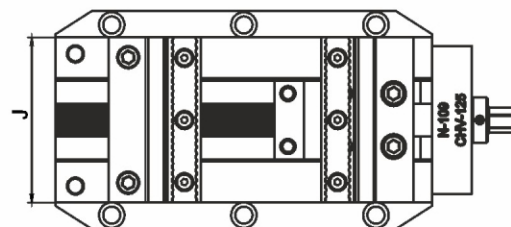
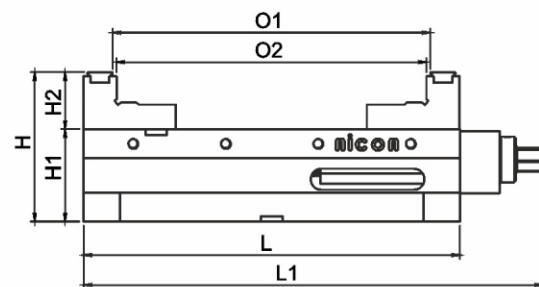
- Compact High-Grip machine vice designed for precision milling, grinding & widely used with CNC machining center.
- Space saving design can be installed in multiple on standard machine table.
- Also suitable for 4th and 5th Axis CNC rotary tables.
- Large opening in very compact vice body.
- High-Grade FCB 60 ductile iron body, grounded top & bottom.
- Bed high matched with multiple vice orders.
- High alloyed quality resistance steel, case hardened HRC 60± 2 is used in clamping jaws to give high performance & no wear.
- Accuracy in parallelism & squareness within 0.02/11mm.
- Interchangeable Jaws Plates.
- Tenon & tenon slots provided for effortless truing of vice on machine table.
- High clamping force can achieve by effortless handle movement which eliminates Hammering on vice handle.
- Maximum clamping force 4000 kg.

### STANDARD ACCESSORIES

- 1 Adjustable Handle, 1 Pair of Positioning Key Nut, 1 Work Stopper.

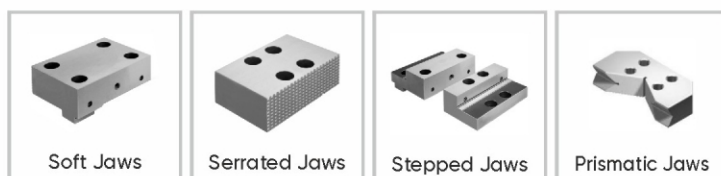
### DIMENSIONS IN MM

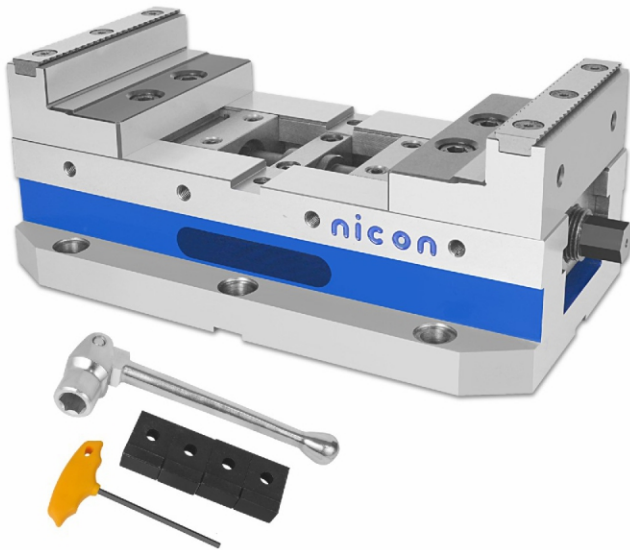
MODEL NO.	L	L1	H	H1	H2	O1	O2	R1	R2	T	W	J	A	P1	P2	Weight in Kgs.	Clamping pressure in Kgs.
CHV125	286	350	113	70	43	242	236	112	106	16	165	125	15	100	144	18.5	4000



### OPTIONAL JAWS

We Make Master Pieces





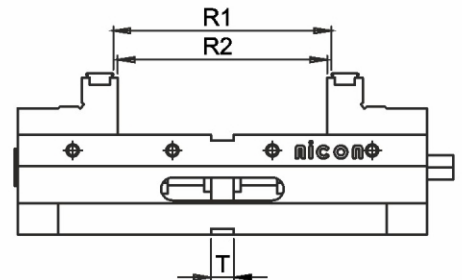
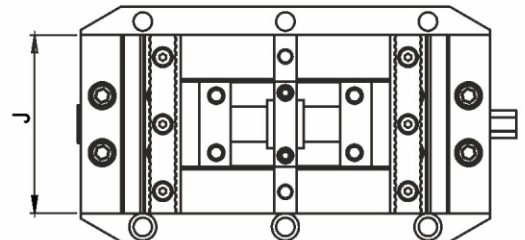
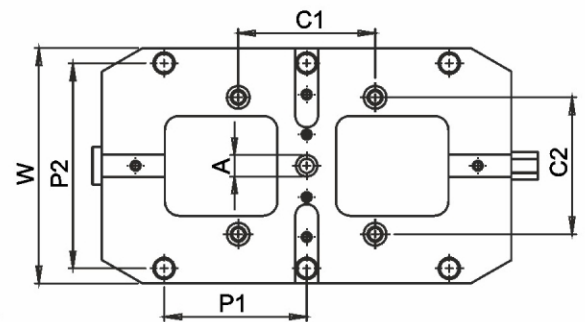
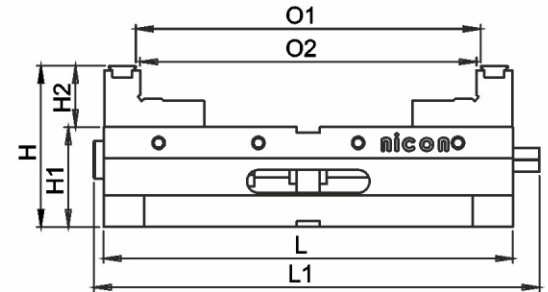
**CODE NO. N-110**

### KEY FEATURES

- Self centring compact high-grip machine vice designed for precision milling, grinding & widely used with CNC machining center.
- Space saving design can be installed in multiple on standard machine table.
- Also suitable for 4th and 5th Axis CNC rotary Tables.
- Large opening in very compact vice body.
- This vice can hold two work pieces with optional intermediate jaw.
- High-Grade FCD 60 ductile iron body, grounded top & bottom.
- Bed high matched with multiple vice orders.
- High alloyed quality resistance steel, case hardened HRC 60± 2 is used in clamping jaws to give high performance & no wear.
- Accuracy in parallelism & squareness within 0.02/1 oomm.
- Interchangeable jaws plates.
- Tenon & tenon slots provided for effortless truing of vice on machine table.
- High clamping force can achieve by effortless handle movement which eliminates Hammering on vice handle.
- Maximum clamping force 3000 kg.

### STANDARD ACCESSORIES

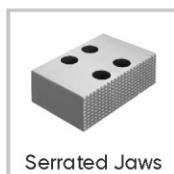
- 1 Adjustable Handle, 1 Pair of Positioning Key Nut, 1 Work Stopper.



### DIMENSIONS IN MM

MODEL NO.	L	L1	H	H1	H2	O1	O2	R1	R2	T	W	J	A	P1	P2	C1	C2	Weight in Kgs.	Clamping pressure in Kgs.
SCHV125	286	350	113	70	43	242	236	153	147	16	165	125	15	100	144	96	96	18.5	3000

### OPTIONAL JAWS



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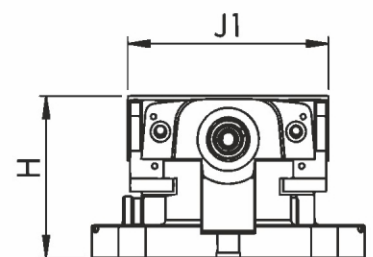
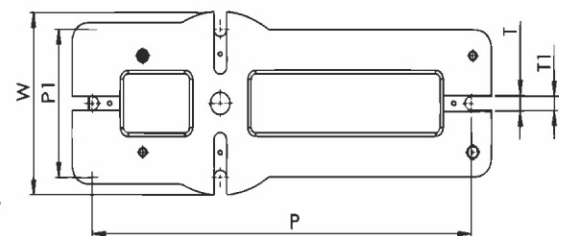
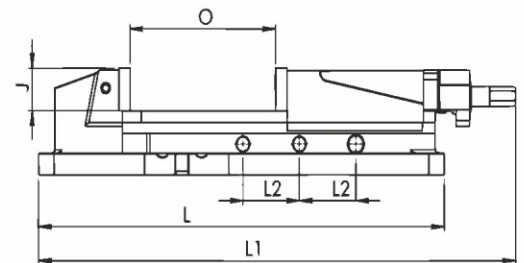
**CODE NO. N-181**

### KEY FEATURES

- Ruggedly constructed for CNC milling machine, drilling, shaping, grinding and many other machine shop applications.
- Body made of high-quality ductile cast iron to resist deflection or bending.
- Hardened and ground sideways.
- Concealed spindle for protection against chip and dirt.
- Hydraulic booster system for maximum clamping pressure with minimum force.
- Hydra-booster system is guaranteed for using 1 year limited.
- Also available in swivel base.
- Accuracy in squareness is 0.02/100mm.
- Quick of clamping, locking and ease of operation.
- The hydraulic oil number is #68
- Maximum clamping Pressure 4500kg.

### STANDARD ACCESSORIES

- Crank Handle, 1 Extension Bar.



### DIMENSIONS IN MM

MODEL NO.	L	W	H	O	L1	L2	J	J1	P	P1	T	T1	Weight in Kgs.	Clamping pressure in Kgs.
HCMV150	530	205	119	210	650	75	48	150	480	180	18	17	38	4000
HMV150	606	232	136	300	690	100	52	155	560	185	18	17	50	4500

### OPTIONAL JAWS



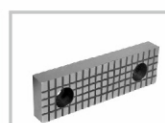
Soft Jaws



Stepped Jaws



Prismatic Jaws



Serrated Jaws

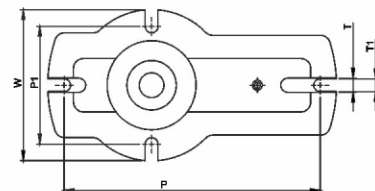
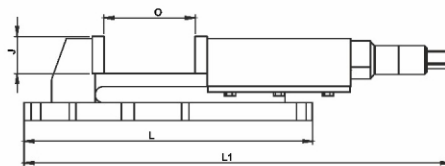


Diamond Teeth Jaws



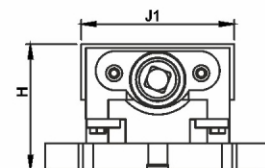
Aluminum Jaws

We Make Master Pieces



## CODE NO. N-151

- Precision milling machine vice is suitable for milling operations & it also finds application in jig boring, grinding and shaping jobs.
- Vice body made from high grade cast iron for rigidity.
- Hardened and ground steel jaw plates ensuring longer life with maintained accuracy & repeatability.
- Fully covered lead screw in a unbreakable steel nut protects against dirt and chips.
- Usage of high tensile grade fasteners provides greater strength and rigidity.
- Tenon slot machined in base as standard. Unbreakable steel crank handle.



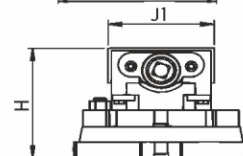
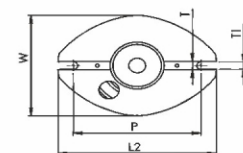
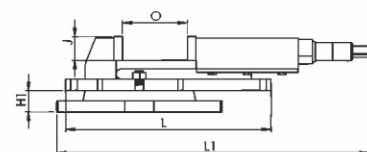
## DIMENSIONS IN MM

MODEL NO.	L	W	H	L1	O	J	J1	P	P1	T	T1	Weight in Kgs.
MV100	293	152	86	455	103	39	104	260	120	14.4	13	12
MV125	360	190	105	530	128	47	127	320	155	16	15	22
MV150	400	210	108	590	157	47	154	350	175	16	15	29
MV200	470	262	130	725	204	60	204	420	220	16	15	56

## CODE NO. N-151S



- Precision milling machine vice is suitable for milling operations & it also finds application in jig boring, grinding and shaping jobs.
- Vice body made from high grade cast iron for rigidity.
- Hardened and ground steel jaw plates ensuring longer life with maintained accuracy & repeatability.
- Fully covered lead screw in a unbreakable steel nut protects against dirt and chips.
- Usage of high tensile grade fasteners provides greater strength and rigidity.
- Tenon slot machined in base as standard. Unbreakable steel crank handle.



## DIMENSIONS IN MM

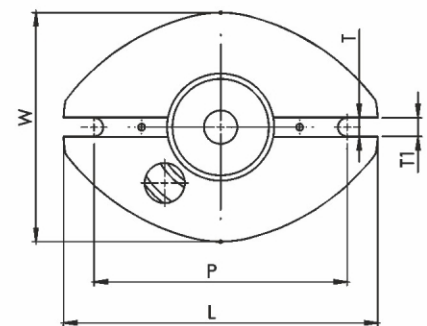
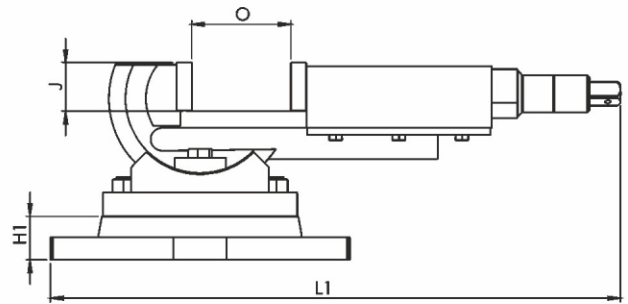
MODEL NO.	L	W	H	H1	L1	L2	O	J	J1	P	T	T1	Weight in Kgs.
MVS100	293	171	120	34	455	234	103	39	104	189	16	13	16
MVS125	360	208	142	34	530	266	128	47	127	230	16	17	29
MVS150	400	240	146	34	590	300	157	49	154	260	16	17	38
MVS200	470	292	173	43	730	370	204	60	204	420	16	17	73



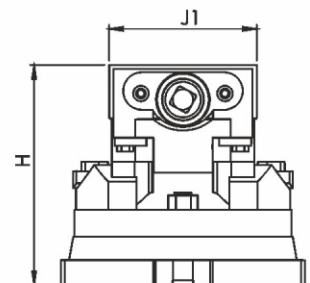
**CODE NO. N-153**

### KEY FEATURES

- Angular Machine vices are ideal for applications where in the workpiece requires machining at an angle.
- Angular adjustment is achieved via the angular slide that can be set to any desired angle.
- Additionally the fully graduated 360° swivel base allows the vice to be set at any angle along the vertical axis.
- These vices are manufactured from close grained high tensile seasoned cast iron.
- Unbreakable steel crank handle.
- Use of high tensile grade fasteners provides strength and rigidity to these vices.
- Hardened and ground jaw.
- A milled slot in the vice base helps in accurate location of the vice on the machine table using rectangular locating nuts.

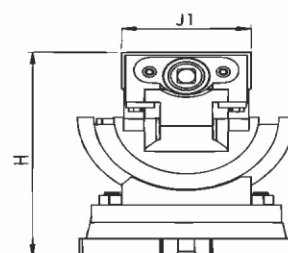
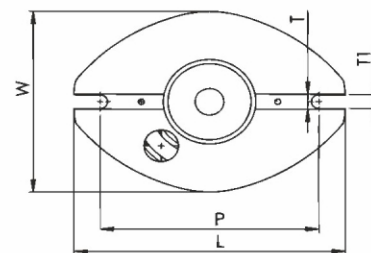
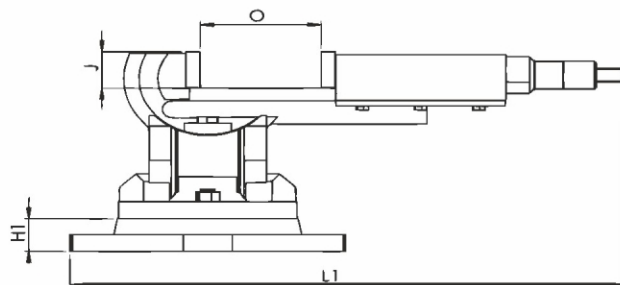
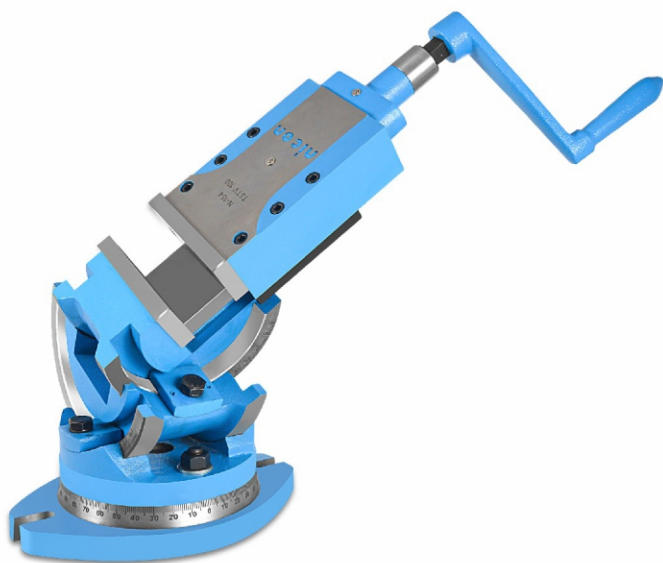


N153



### DIMENSIONS IN MM

MODEL NO.	L	W	H	L1	H1	O	J	J1	P	T	T1	Weight in Kgs.
TSV75	200	140	135	195	28	75	35	77	170	13	13	12
TSV100	234	171	154	475	34	103	38	104	190	16	13	21
TSV125	266	208	180	560	34	128	48	127	230	16	16	28
TSV150	300	240	192	625	34	154	48	154	260	16	16	39
TSV200	370	292	230	835	43	204	60	204	420	16	16	70



**CODE NO. N-154**

## KEY FEATURES

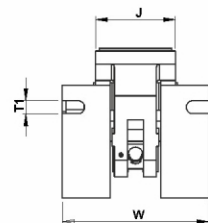
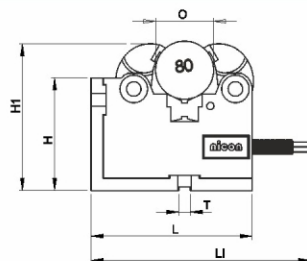
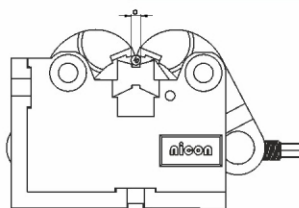
- 3 Way tilting vices provide for 3 axis setting of the workpiece in special milling, drilling, grinding, shaping and jig boring applications.
- Vices have 2 angular slides which allow the work piece to be set at any desired angle - 45°
- Tilting range on either sides 90° and swivel base further allows rotation along the vertical axis.
- These vices are manufactured from close grained high tensile seasoned cast iron.
- Unbreakable steel crank handle.
- Use of high tensile grade fasteners provides strength and rigidity to these vices. hardened and ground jaw.
- A milled slot in the vice base helps in accurate location of the vice on the machine table using rectangular locating nuts.
- Accuracy in parallelism of jaws 0.02/100mm.
- "Hold Down" slots allow for secure clamping of the vice on the machine table.

## DIMENSIONS IN MM

MODEL NO.	L	W	H	L1	H1	O	J	J1	P	T	T1	Weight in Kgs.
TSTV75	200	140	158	375	34	75	35	77	170	13	13	9
TSTV100	234	171	214	473	34	103	38	104	189	16	13	21
TSTV125	266	208	238	530	34	128	48	127	230	16	16	37
TSTV150	300	240	255	625	43	154	48	154	245	16	16	50



**CODE NO. N-155**



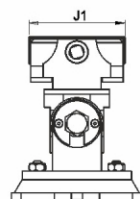
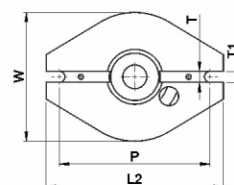
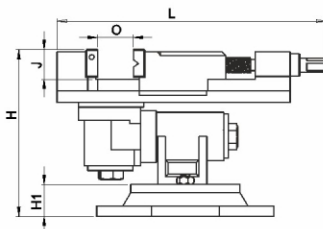
## KEY FEATURES

- The self centering shaft vice allows for accurate centering of round jobs automatically.
- Manufactured from graded cast iron with fully hardened and ground tool steel jaws, the vice has opposite threads for quick and accurate centering.
- Able to be set up in both horizontal and vertical positions.
- Reversible centre vee blocks for small diameter pipes & shafts.

## DIMENSIONS IN MM

MODEL NO.	L	L1	W	H	H1	J	T	T1	O	Weight in Kgs.
SCSV100	222	303	202	155	202	110	16	16	27-80	23

**CODE NO. N-156**

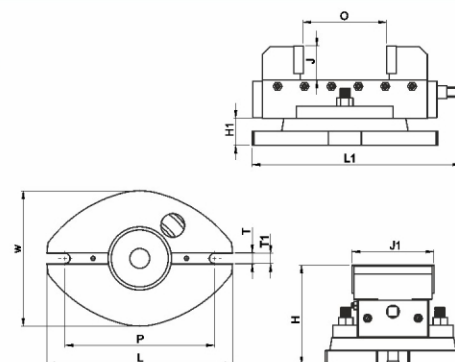
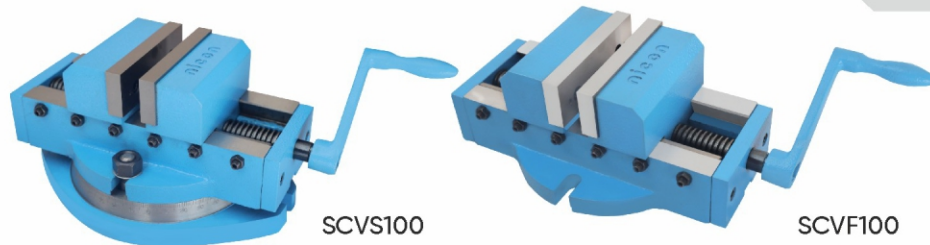


## KEY FEATURES

- Universal vice allows the work piece to be set at any desired angle. Widely used on tool and cutter grinders and surface grinders.
- Low height construction makes these useful on even the most complicated grinding jobs.
- The vice has one fixed horizontal axis which allows the workpiece to be rotated at any angle along it.
- Fully graduated 360° swivel base allows complete rotation along the vertical axis. The third angular slide with a moving axis allows for any setting in the 3D plane.
- Horizontal and vertical v groove provided for thin round jobs to hold accurately.
- Ergonomically designed all steel handle allows for stress free operation.
- Use of high tensile grade fasteners provides strength and rigidity to these vices.
- A milled slot in the vice base allows for accurate location of the vice on the machine table using rectangular locating nuts. "Hold Down" slots allow for secure clamping of the vice on the work table.

## DIMENSIONS IN MM

MODEL NO.	L	W	H	H1	L2	O	J	J1	P	T	T1	Weight in Kgs.
CUMV100	280	136	176	25	184	70	30	100	158	11.8	11.5	12.6



**CODE NO. N-158-158P**

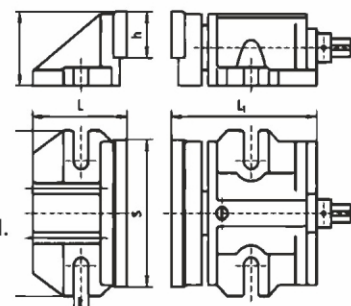
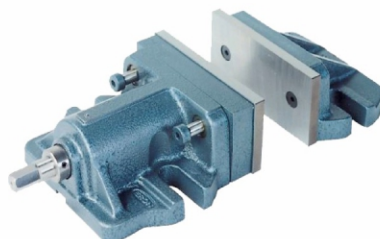
## KEY FEATURES

- The self centering vice allows for accurate centering of jobs automatically. The vice is specially useful in applications where the same operation is to be performed on workpiece of varying sizes Self centric clamping is particularly useful in milling, slot and groove cutting and drilling.
- The special design allows accurate up of jobs with only a single machine setting.
- Manufactured from graded cast iron with fully hardened and ground tool steel jaws, the vice has opposite threads for quick and accurate centering. Rotation of the crank handle automatically adjusts workpiece to the center.
- Fully graduated 360° swivel base allows the vice to be set at any angle along the vertical axis.
- A milled slot in the vice allows for accurate location of the vice on the machine table using rectangular locating nuts.
- Vice can be converted from swivel to fix base by removing base.

## DIMENSIONS IN MM

MODEL NO.	L	W	H	L1	H1	O	J	J1	P	T	T1	Weight of Swivel Base	Weight of Fixed Base
SCVS100	234	171	124	265	34	104	42	103	189	14.4	13	14	10

**CODE NO. N-189**



## KEY FEATURES

- Designed for use with milling machines, drill presses etc. Where a large clamping force is required.
- Facilities utilization of the full length of the machine bed.
- Thrust bearing in the power transmission makes operation easy.
- Removable, grooved jaw inserts are hardened and ground, ensuring a longer life with maintained accuracy and repeatability.
- The workpiece is located directly on the bed for rigidity.
- Clamp base body and rigid base are high-quality castings.

## DIMENSIONS IN MM

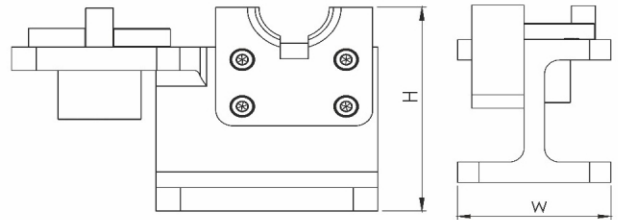
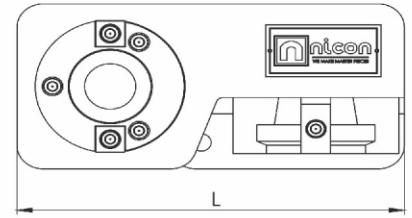
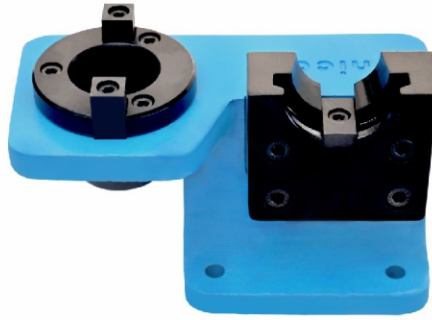
MODEL NO.	S	A	H	L	L1	H1	K	Weight in Kgs.
LMV150	160	160	80	160	194	50	17	14
LMV200	200	196	100	172	258	63	17	26

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**CODE NO. N-315**

### KEY FEATURES

- Tool holder locking device is mainly used to assemble and disassemble pull studs, cutting tools and collets from tool holders.
- Compact design
- Easy to operate
- Minimum clamp force required.
- Unbreakable Steel Body.

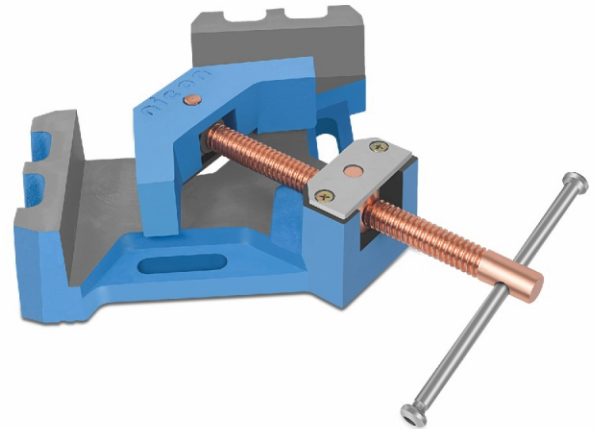


### DIMENSIONS IN MM

MODEL NO.	JAW WIDTH	JAW OPENING	JAW DEPTH	WEIGHT in Kgs.
LDVH30	208	100	130	4
LDVH40	208	100	130	4

**CODE NO. N-351**

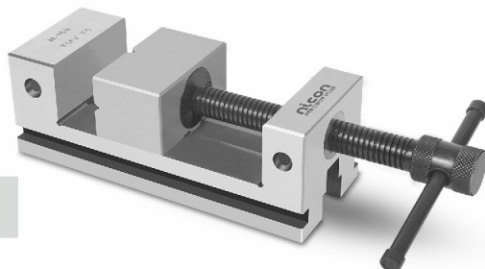
- Rigid cast iron construction.
- An ideal supporting tool for every workshop.
- Use for metal wood or plastic Ideal for right angle welding of parts.
- Always joins at 90° angle. either as butt corner joint, mitre joint or t-section.
- Copper plated spindle nut prevents "burnt on weld beads" and splatter.



### DIMENSIONS IN MM

MODEL NO.	JAW WIDTH	JAW OPENING	JAW DEPTH	Weight in Kgs.
CWV100	100	75	35	5
CWV125	125	120	35	10

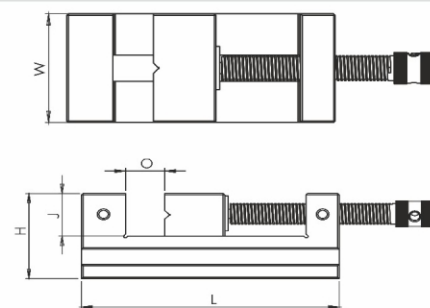




**CODE NO. N-168**

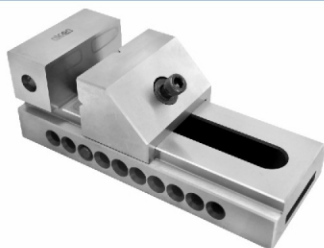
## KEY FEATURES

- These vices are mainly used with precision grinding, milling machines engraving and jig boring operations.
- Ground & square all over the vice may be mounted on it's base, sides or end.
- The moving jaw has two vees ground into it's face, one vertical the other horizontal to aid gripping round components.
- Clamping and releasing through a precision cut square thread lead screw for smooth operation.
- Vice screw moves in specially designed gun metal bush which reduces wear the vice and enhancing life of vice.



## DIMENSIONS IN MM

MODEL NO.	L	W	H	O	J	Weight in Kgs.
TMV60	160	55	60	60	30	2.7
TMV75	202	76	70	80	40	5
TMV75+	221	76	70	100	40	6
TMV100	236	96	90	105	45	9
TMV100+	260	96	90	125	45	11
TMV125	302	125	95	150	48	16.5
TMV150	302	150	96	150	48	19



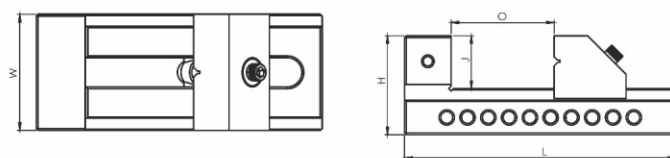
**CODE NO. N-169**

## KEY FEATURES

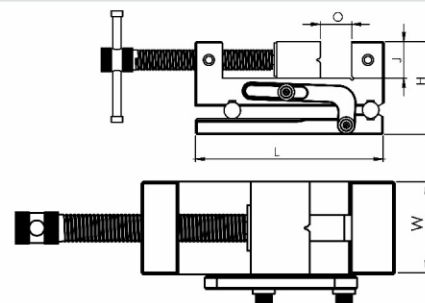
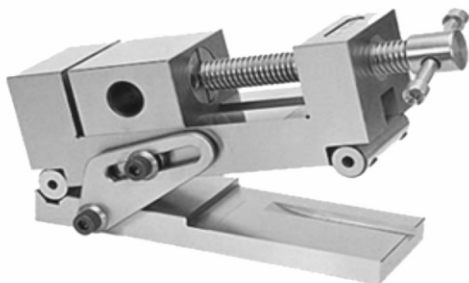
- These vice are mainly used with precision grinding, milling machines, engraving and jig boring operations.
- Ground & square all over the vice may be mounted on it's base, sides or end.
- The moving jaw has two vees ground into it's face, one vertical the other horizontal to aid gripping round components.
- The rapid positioning notches allow the vice to be locked in any position by means on an allen key provided with vice.

## DIMENSIONS IN MM

MODEL NO.	L	W	H	O	J	Weight in Kgs.
TMVP50	155	55	54	80	28	2
TMVP75	176	76	64	100	35	3.6
TMVP100	190	96	86	125	45	7.8
TMVP125	285	125	95	150	48	14
TMVP150	332	150	94	175	48	17







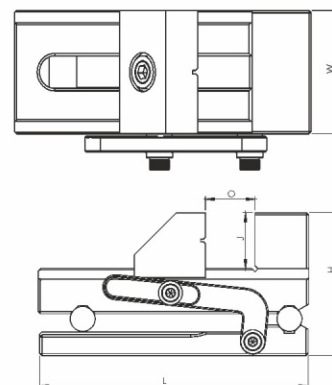
**CODE NO. N-168S**

### KEY FEATURES

- These are very useful for manufacturing processes that require the highest standards of clamping accuracy at desired angles.
- A minute angle step of 0.2"/5mm allows very small angles to be set with ease using standard gauge blocks.
- The moving jaw has two vees ground into it's face, one vertical the other horizontal to aid gripping round components.
- Clamping and releasing through a precision cut square thread lead screw for smooth operation.
- Vice screw moves in specially designed gun metal bush which reduces wear the vice and enhancing life of vice.

### DIMENSIONS IN MM

MODEL NO.	L	W	H	O	J	Weight in Kgs.
SVS75	205	76	100	90	40	7
SVS100	242	100	121	120	45	16



**CODE NO. N-169S**

### KEY FEATURES

- These are very useful for manufacturing processes that require the highest standards of clamping accuracy at desired angles.
- A minute angle step of 0.2"/5mm allows very small angles to be set with ease using standard gauge blocks.
- Mounted onto a precision hinged bottom plate. All the surfaces of the vice are precisely ground for extreme accuracy.
- The moving jaw has two vees ground into it's face, one vertical the other horizontal to aid gripping round components.
- The rapid positioning notches allow the vice to be locked in any position by means on an allen key provided with the vice.

### DIMENSIONS IN MM

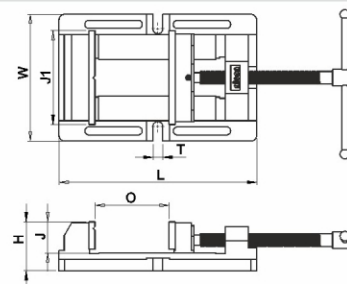
MODEL NO.	L	W	H	O	J	Weight in Kgs.
SVP75	195	75	102	100	40.5	5
SVS100	236	100	116	125	45	12



**CODE NO. N-162**

## KEY FEATURES

- Manufactured from unbreakable alloy steel, these drill vices have been designed for powerful clamping for drilling, tapping, reaming.
- Fine acme thread lead screw.
- The base and slides are precision ground for stability and accurate operation.
- Horizontal & vertical V-grooves in the stationary jaw allows holding of rounding job securely.
- The base is slotted enabling the vice to be bolted to drill press tables, assisting in quick & accurate positioning.



## DIMENSIONS IN MM

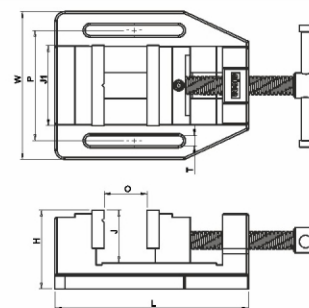
MODEL NO.	L	W	H	O	J	J1	T	Weight in Kgs.
DMV75	200	150	60	75	44	75	13	5
DMV100	260	171	75	100	44	111	13	7
DMV125	300	200	80	125	50	130	16	10
DMV150	342	222	85	150	50	160	16	14
DMV200	395	283	103	200	66	210	16	23



**CODE NO. N-163**

## KEY FEATURES

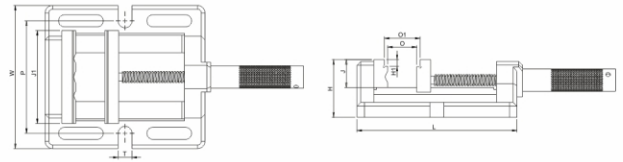
- Manufactured from unbreakable allow steel, these drill vices have been designed for powerful clamping for drilling, tapping, reaming.
- Jaw depth extra then regular drill press vices.
- Fine acme thread lead screw.
- The base and slides are precision ground for stability and accurate operation.
- Horizontal & vertical V-grooves in the stationary jaw allows holding of rounding job securely
- The base is slotted enabling the vice to be bolted to drill press tables, assisting in quick & accurate positioning.



## DIMENSIONS IN MM

MODEL NO.	L	W	H	O	J	J1	T	P	Weight in Kgs.
DVD75	195	148	80	75	52	80	10	110	4.5
DVD100	225	186	94	100	65	108	15	145	8
DVD150	310	240	105	150	70	162	15	200	16

**CODE NO. N-167**



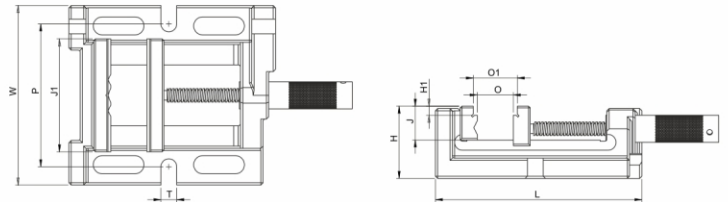
### KEY FEATURES

- Unbreakable alloy steel construction with ground surfaces helps smooth lateral movement of moveable jaws.
- Rugged design provides precision and powerful clamping for drilling, tapping and reaming operations.
- The base is slotted enabling the vice to be bolted to drill press tables, assisting in quick and accurate positioning.
- Longitudinal and transversal prisms in the fixed jaw allow for firm gripping of round jobs of different sizes both horizontally and vertically. Special seat in jaws facilitates retaining of flat work pieces.
- Vices are equipped with a convenient unigrip mechanism. Spindle moves inside the hollow hand grip allowing the vice to be used at a location away from the table edge. This feature increases the scope of application of this range of vices.

### DIMENSIONS IN MM

MODEL NO.	L	W	H	H1	O	O1	J	J1	T	P	Weight in Kgs.
DPV75	148	140	58	8	70	76	30	80	14	110	2.6
DPV100	172	154	62	8	100	107.5	30	100	15	120	3.7
DPV125	225	182	65	8	112	119.5	37	120	15	150	6

**CODE NO. N-170**



### KEY FEATURES

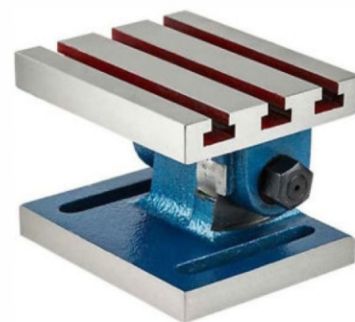
- This 3 way drill press vice available with three mounting options via two additional precisely ground surfaces end face and side face. this allows for drilling along all axis with a single setting of the job and holding long work piece which are cumbersome and difficult to manage in regular vices.
- Fully grounded side face allows for right angle machining with same jaw setting. The jaw width acts as jaw height facilitating longer work pieces to be held.
- Fully grounded end face allows for right angle machining with same jaw setting.
- Unbreakable alloy steel construction with ground surfaces helps smooth lateral movement of moveable jaws.
- Rugged design provides precision and powerful clamping for drilling, tapping and reaming operations.
- Longitudinal and transversal prisms in the fixed jaw allow for firm gripping of round jobs of different sizes both horizontally and vertically.
- Special seat in jaws facilitates retaining of flat work pieces.
- Vices are equipped with a convenient unigrip mechanism. Spindle moves inside the hollow hand grip allowing the vice to be used at a location away from the table edge. This feature increases the scope of application of this range of vices.

### DIMENSIONS IN MM

MODEL NO.	L	W	H	H1	O	O1	J	J1	T	P	Weight in Kgs.
3DPV100	184	160	64	8	100	106	30	100	14	126	4.5



**CODE NO. N-301**



### KEY FEATURES

- Made from graded casting and of machined rugged construction.
- Graduated in degrees from 0-90, Ground table surface.
- Machined T Slots for clamping options.

### DIMENSIONS IN MM

MODEL NO.	TABLE LENGTH	TABLE WIDTH	HEIGHT OVERALL
AAP150	150	125	113
AAP200	200	150	135
AAP250	250	200	170
AAP300	300	250	205

**CODE NO. N-304**



### KEY FEATURES

- Manufactured from close grained cast iron.
- Open Webbed ended angle plates are versatile accessories which can be used to clamp and hold work in a vertical position for planing, milling, or drilling.
- Work can be clamped and rotated through several planes for measurement or machining without repositioning.
- The slots allow work to be easily fastened to the plate, and the plate to a fixture base or machine bed.

### DIMENSIONS IN MM

MODEL NO.	LENGTH	WIDTH	HEIGHT	Weight in Kgs.
APS150	150	125	112	3.5
APS200	200	150	125	7
APS250	250	200	150	12
APS300	300	228	200	25
APS350	350	250	225	35
APS400	400	300	225	44



**CODE NO. N-311**

### KEY FEATURES

- Heavy and sturdy machined construction.
- Range 45° each way from vertical.
- Locking action by 2 clamping screws on each end.
- 3 Machined "T" slots and precise ground table surface.



### DIMENSIONS IN MM

MODEL NO.	TABLE LENGTH	TABLE WIDTH
TT125	125	100
TT175	175	125
TT250	250	175
TT375	375	250

**CODE NO. N-751**

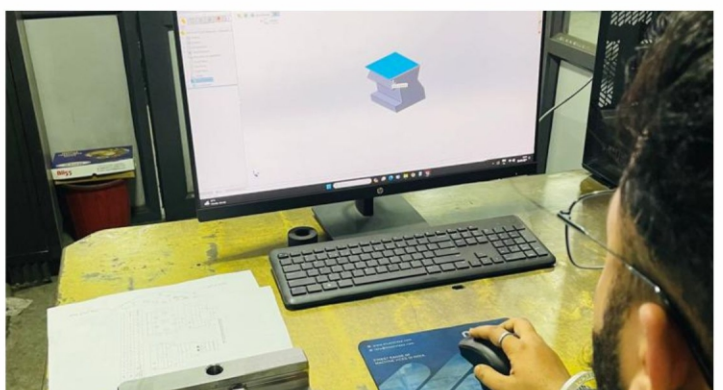
### KEY FEATURES

- Comprehensive 58 piece clamping kit set for milling machines.
- All the blocks bolts nuts and hold-downs are case hardened.
- Each clamping kit includes: studs step block pairs T-nuts flange nuts coupling nuts and hold-downs
- Available in three different sizes.
- Supplied complete with storage rack for mounting on machine, wall or free standing.
- Suitable for a range of different machines.



### DIMENSIONS IN MM

MODEL NO.	Suitable for T-slot size x scrw size	WEIGHT in Kgs.
NCK 14-12	14XM-12	13
NCK 16-12	16XM-12	14
NCK 18-12	18XM-12	15







Manufactured by:

**Y.H. TOOLS MANUFACTURERS PVT. LTD**

(An ISO 9001:2008 Co.)

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