



# Simran Tools International

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## Vices & Clamps

1. Toolmakers Precision Steel Vice
2. Precision Grinding Vice
3. Toolmakers Precision Screw Less Vice
4. 2-Pc. Milling Machine Vice
5. 2-Way Universal Tilting & Swivel Angle Vice
6. 3-Way Universal Tilting & Swivel Angle Vice
7. Milling Machine Vice (Heavy Duty)
8. Universal Vice
9. Bench Vices
10. Baby Vice (Table Vice)
11. Drill Press Vice (Heavy Duty)
12. Self Centering Vices
13. Drill Vice (German Type)
14. Unigrip Machine Vice (Heavy Duty)
15. Tilting Tables – Adjustable Angle Plates
16. Swivel Angle Plates
17. Compound Sliding Table (Milling & Drilling Table)
18. G Clamps – Drop Forged
19. G Clamps – Ductile
20. Parellel Clamps (Tool Maker's)

### 1. TOOLMAKERS PRECISION STEEL VICE



- Made from Hardened Alloy Steel.
- Single Piece construction with V-Grooved Jaws.
- All surface including Jaws and base are Precise Ground Square and Parallel.
- Clamping slots at the bottom easily affix to angle plates, etc.

ITEM NO.	SIZES		JAW WIDTH		JAW DEPTH		JAW OPENING	
	INCH	MM	INCH	MM	INCH	MM	INCH	MM
STV-2801	2-3/8	60	2-3/8	60	15/16	23	2-3/16	55
STV-2802	3	75	3	75	1-9/16	40	3	75



## 2. PRECISION GRINDING VICE



- Body and Jaw of solid all steel Construction and Case Hardened.
- Slotted sides provide multitude of clamping possibilities.
- Locking Screw provided at the Vice base for adjustable positions of the Moveable Jaw.

ITEM NO.	SIZES		JAW WIDTH		JAW DEPTH		JAW OPENING	
	INCH	MM	INCH	MM	INCH	MM	INCH	MM
SPV-2809	2	50	2	50	1	25	3	75
SPV-2810	2-7/8	73	2-7/8	73	1-3/8	35	3-1/2	90

## 3. TOOLMAKERS PRECISION SCREW LESS VICE



- Hardened and Precision Ground Steel Vice.
- Positive download and rapid positioning notches for free Jaw movement.
- Threaded hole on both sides of stationary Jaw.
- Horizontal and vertical V in Moveable Jaw.

ITEM NO.	SIZES		JAW WIDTH		JAW DEPTH		JAW OPENING	
	INCH	MM	INCH	MM	INCH	MM	INCH	MM
SSV-2814	2	50	2	50	1-1/16	30	3-1/8	80
SSV-2815	3	75	3	75	1-3/8	35	3-3/4	95

## 4. 2 PC. MILLING MACHINE VICE



- Body made of High Quality Casting.
- Hardened and Ground Jaw Plates.
- Designed to handle extra long workpiece, thus utilizing full length of machine bed.
- Work locates directly on bed for extra rigidity.
- Quarter turn of detachable handle clamps work firm enough for heaviest cuts.

ITEM NO.	SIZES		JAW WIDTH		JAW DEPTH		WIDTH OF VICE 'B'		KEY SLOT WIDTH		CLAMP TRAVEL	
	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
SMV-2821	6	150	6	150	3	75	7-3/32	180	11/16	18	3/8	10
SMV-2822	8	200	8	200	3-1/4	82	9-1/2	244	13/16	20	5/8	15



## 5. 2-WAY UNIVERSAL TILTING AND SWIVEL ANGLE VICE



- Vice Body made of High Tensile Closed Grain Cast Iron.
- Steel Jaw Plates are Ground and Hardened to 50-60 HRC.
- Base can be Swiveled through 360° and Vice tilted through 90°.
- Vice can be locked positively at various Compound Angles.
- Two Oil Holes provided on Vice Body.
- Ideal Vice for Milling, Grinding, Shaping, Drilling and Jig boring.

ITEM NO.	SIZES		JAW WIDTH		JAW DEPTH		JAW OPENING	
	INCH	MM	INCH	MM	INCH	MM	INCH	MM
SAV-2828	2	50	2	50	7/8	22	2	50
SAV-2829	4	100	4	100	1-3/4	45	4	100
SAV-2830	6	150	6	150	2-1/8	54	6	150

## 6. 3-WAY UNIVERSAL TILTING AND SWIVEL ANGLE VICE



- Vice Body made of High tensile close grain Cast Iron.
- Jaw Plates are Ground and Hardened to 50-60 HRC.
- Swivel Range 360° around Base.
- Tilting range 90° vertical to Horizontal and 45° from center to each side.
- Vice top surface is ground accurately to facilitate use of Magnetic Tool Holders and other accessories.

ITEM NO.	SIZES		JAW WIDTH		JAW DEPTH		JAW OPENING	
	INCH	MM	INCH	MM	INCH	MM	INCH	MM
SWV-2833	4	100	4	100	1-3/4	45	4	100

## 7. MILLING MACHINE VICE (HEAVY DUTY)



- Vice body of High Tensile, Closed Grain Cast Iron.
- Hardened and Ground Jaw Plates.
- Swivel base graduated 360° for horizontal indexing.
- Totally enclosed acme screw.
- Low base design for use on Drilling, Milling and Shaping Machine.

ITEM NO.	SIZES		JAW WIDTH		JAW DEPTH		JAW OPENING	
	INCH	MM	INCH	MM	INCH	MM	INCH	MM
SMM-2841	2	50	2	50	1-1/4	30	2	50
SMM-2842	4	100	4	100	1-5/8	40	4	100
SMM-2843	5	125	5	125	2-1/8	53	5	125
SMM-2844	6	150	6	150	2-1/4	55	6	150
SMM-2845	8	200	8	200	2-3/8	60	8	200



## 8. UNIVERSAL VICE



- Vice Body made of High Grade Casting.
- Specially designed for Surface Grinders and Universal Tool and Cutter Grinders.
- Workpiece can be positively locked on hardened Jaws, at any Compound Angle.
- Indexing can be done through three different graduated axis.

ITEM NO.	SIZES		JAW WIDTH		JAW DEPTH		JAW OPENING	
	INCH	MM	INCH	MM	INCH	MM	INCH	MM
SUV-2851	4	100	4	100	1	25	2-3/4	65
SUV-2852	6	150	6	150	1-5/8	40	4-1/2	115

## 9. BENCH VICES

### (A) BENCH VICES ( FIXED BASE )



- Shock resisting Cast Iron body, free from sand holes, pits, blow holes, scabs and other imperfections.
- Jaws are made of special Carbon Steel properly heat-treated grinded and serrated to ensure a fast non slip.
- Horizontal and Vertical 'V' is provided for round section work.

ITEM NO.	SIZES		JAW WIDTH		JAW DEPTH		JAW OPENING	
	INCH	MM	INCH	MM	INCH	MM	INCH	MM
SVB-2862	3	75	3	75	2	50	3-3/8	85
SVB-2864	4	100	4	100	2-1/4	55	5-1/8	130
SVB-2866	5	125	5	125	2-7/8	70	5-7/8	145
SVB-2867	6	150	6	150	3-1/8	80	6-3/8	160
SVB-2868	8	200	8	200	4	100	8-1/4	210

### (B) BENCH VICE ( SWIVEL BASE )



- Shock resisting Cast Iron body, free from sand holes, pits, blow holes, scabs and other imperfections.
- Jaws are made of special Carbon Steel properly heat-treated grinded and serrated to ensure a fast non slip.
- Horizontal and Vertical 'V' is provided for round section work.

ITEM NO.	SIZES		JAW WIDTH		JAW DEPTH		JAW OPENING	
	INCH	MM	INCH	MM	INCH	MM	INCH	MM
SVB-2870	3	75	3	75	2	50	3-3/8	85
SVB-2871	4	100	4	100	2-1/4	55	5-1/8	130
SVB-2872	5	125	5	125	2-7/8	70	5-7/8	145
SVB-2873	6	150	6	150	3-1/8	80	6-3/8	160
SVB-2874	8	200	8	200	4	100	8-1/4	210



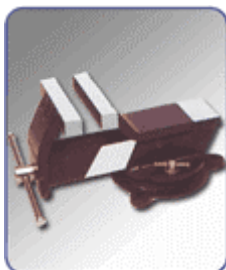
## (C) BENCH VICE - ALL STEEL ( FIXED BASE)



- Vices are fabricated from special steel for mounting on work table, for general workshop use.
- Body is fabricated of hot rolled steel welded carefully.
- Serrated Jaws, made of Carbon Steel, properly heat treated to ensure firm non slip grip.

ITEM NO.	SIZES		JAW WIDTH		JAW DEPTH		JAW OPENING	
	INCH	MM	INCH	MM	INCH	MM	INCH	MM
SVB-2877	3	75	3-1/8	80	2-3/8	58	3-3/8	85
SVB-2878	3-1/2	90	3-1/2	90	2-5/8	66	3-3/4	95
SVB-2879	4	100	4	100	2-3/4	70	4-1/8	105
SVB-2880	4-1/2	115	4-1/2	115	2-7/8	74	4-3/4	120
SVB-2881	5	125	5	125	3-1/8	82	5-1/4	130
SVB-2882	6	150	6	150	3-3/8	88	6-1/8	155
SVB-2883	8	200	8	200	4-1/8	105	8-1/8	205

## (D) BENCH VICE - ALL STEEL ( SWIVEL BASE)



- Vices are fabricated from special steel for mounting on work table, for general workshop use.
- Body is fabricated of hot rolled steel welded carefully.
- Serrated Jaws, made of Carbon Steel, properly heat treated to ensure firm non slip grip.

ITEM NO.	SIZES		JAW WIDTH		JAW DEPTH		JAW OPENING	
	INCH	MM	INCH	MM	INCH	MM	INCH	MM
SVB-2885	3	75	3-1/8	80	2-3/8	58	3-3/8	85
SVB-2886	3-1/2	90	3-1/2	90	2-5/8	66	3-3/4	95
SVB-2887	4	100	4	100	2-3/4	70	4-1/8	105
SVB-2888	4-1/2	115	4-1/2	115	2-7/8	74	4-3/4	120
SVB-2889	5	125	5	125	3-1/8	82	5-1/4	130
SVB-2890	6	150	6	150	3-3/8	88	6-1/8	155
SVB-2891	8	200	8	200	4-1/8	105	8-1/8	205



## 10. BABY VICE ( TABLE VICE)

### (A) BABY VICE - FIXED BASE



- Very versatile unit.
- Ideal vice for holding small jobs.

ITEM NO.	SIZES	
	INCHES	MM
SFB-3001	1	25
SFB-3002	1-1/2	40
SFB-3003	2	50
SFB-3004	2-1/2	60
SFB-3005	3	75
SFB-3006	4	100

### (B) BABY VICE - SWIVEL BASE



- Very versatile unit.
- Ideal vice for holding small jobs.

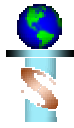
ITEM NO.	SIZES	
	INCHES	MM
SFB-3011	1	25
SFB-3012	1-1/2	40
SFB-3013	2	50
SFB-3014	2-1/2	60
SFB-3015	3	75
SFB-3016	4	100

## 11. DRILL PRESS VICE (HEAVY DUTY)



- Body made from Selected Cast Iron.
- Works well with High Pressure Drilling Machine.

ITEM NO.	SIZES		JAW WIDTH		JAW DEPTH		JAW OPENING	
	INCH	MM	INCH	MM	INCH	MM	INCH	MM
SHD-3021	3	75	3	75	1-3/8	35	3	75
SHD-3022	4	100	4	100	1-1/2	40	4	100
SHD-3023	5	125	5	125	1-3/4	45	5	125
SHD-3024	6	150	6	150	2-1/4	52	6	150



## 12. SELF CENTERING VICES.

### (A) SELF CENTERING VICE - FIXED BASE



- Body made out of special graded casting.
- Hardened Steel Jaws provided “V” grooves for round jobs both Horizontal & Vertically.
- Special Steel Screw is provided for long life.

ITEM NO.	SIZES		JAW WIDTH		JAW DEPTH		JAW OPENING	
	INCH	MM	INCH	MM	INCH	MM	INCH	MM
SUS-3031	2	50	2	50	1-3/16	30	3	75
SUS-3032	3	75	3	75	1-1/4	32	4-7/16	110
SUS-3033	4	100	4	100	1-1/2	38	5-1/4	130

### (B) SELF CENTERING VICE - SWIVEL BASE



- Body made out of special graded casting.
- Hardened Steel Jaws provided “V” grooves for round jobs both Horizontal & Vertically.
- Special Steel Screw is provided for long life.
- Swivel Base to rotate 360°.

ITEM NO.	SIZES		JAW WIDTH		JAW DEPTH		JAW OPENING	
	INCH	MM	INCH	MM	INCH	MM	INCH	MM
SUS-3034	3	75	3	75	1-3/16	30	4-7/16	110
SUS-3035	4	100	4	100	1-3/8	35	5-1/2	140
SUS-3036	6	150	6	150	2-1/8	55	7-1/2	190

## 13. DRILL VICE (GERMAN TYPE )



- Body made from graded casting.
- ‘V’ groove is provided for irregular sections.
- Moving jaw runs smoothly on two grinded rods.

ITEM NO.	SIZES		JAW WIDTH		JAW DEPTH		JAW OPENING	
	INCH	MM	INCH	MM	INCH	MM	INCH	MM
SDV-3038	3	75	3	75	1	25	3	75
SDV-3039	4	100	4	100	1	25	4	100
SDV-3040	5	125	5	125	1-1/2	37	5	125



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## 14. UNIGRIP MACHINE VICE ( HEAVY DUTY )



- Recommended Vice for use on Drill Presses, Milling Machines and Grinders.
- Ground base and Vice bed for extreme accuracy.
- Fixed Jaw is Grooved Horizontally and Vertically for convenience in holding round pieces.
- Hardened and Ground Jaw plates.

ITEM NO.	JAW WIDTH		JAW DEPTH		JAW OPENING	
	INCH	MM	INCH	MM	INCH	MM
SMV-3045	3	75	1	25	2-3/4	70
SMV-3046	4	100	1	25	4	100
SMV-3047	6	150	1-1/2	40	5-1/2	140

## 15. TILTING TABLES - ADJUSTABLE ANGLE PLATES



- Heavy and Sturdy Machined Castings.
- Range 45° each way from vertical.
- Locking action by 2 clamping Screws on each end.
- Low profile for low machine head clearance.
- 3 Machined "T" slots and Precise Ground Table Surface.

ITEM NO.	SIZES		HEIGHT	
	INCH	MM	INCH	MM
STT-3052	5 x 7	125 x 175	3-3/4	95
STT-3053	7 x 10	175 x 250	5	125
STT-3054	10 x 15	250 x 380	6-3/4	170

## 16. SWIVEL ANGLE PLATES



- Heavy duty Cast Iron.
- Graduated 0 – 90° Range.
- Precision Ground Table Surface.
- Machined T-Slots.
- 2 Screw locks provided for setting purposes.

ITEM NO.	TABLE SIZE		APPX. HEIGHT	
	INCH	MM	INCH	HEIGHT
SSP-3061	5 x 6	125 x 150	4-1/2	115
SSP-3062	6 x 8	150 x 200	5	125
SSP-3063	8 x 10	200 x 250	6-1/2	165
SSP-3064	10 x 12	250 x 300	8	200

## 17. COMPOUND SLIDING TABLE ( MILLING AND DRILLING TABLE )



- Low silhouette table for light work.
- Widely spaced, Graduation for Fast, Accurate Reading.
- Easy to set.

ITEM NO.	TABLE SIZE	
	INCH	MM
SCT-3071	6 x 6	150 x 150
SCT-3072	8 x 8	200 x 200
SCT-3073	6 x 12	150 x 300
SCT-3074	8 x 12	200 x 300
SCT-3075	12 x 12	300 x 300

## 18. G CLAMPS - DROP FORGED



- Drop forged steel clamp with strong ribbed body.

ITEM NO.	THROAT CAPACITY	
	INCH	MM
SDF-3081	2	50
SDF-3082	3	75
SDF-3083	4	100
SDF-3084	6	150
SDF-3085	8	200

## 19. G CLAMPS – DUCTILE



- Frame made from ductile Cast Iron.
- Steel Screws with Sliding T Bar handle and Swivel Shoes.

ITEM NO.	CAPACITY	
	INCH	MM
SCD-3101	3	75
SCD-3102	4	100
SCD-3103	6	150
SCD-3104	8	200
SCD-3105	10	250
SCD-3106	12	300



## 20. PARELLEL CLAMPS ( TOOL MAKER' S )



- Made from hardened steel.
- Clamps include spring clip and retaining ring.

ITEM NO.	JAW OPENING		JAW LENGTH	
	INCH	MM	INCH	MM
SPC-3115	1-1/4	30	2	50
SPC-3116	1-3/4	44	2-1/2	60
SPC-3117	2-1/4	56	3	75
SPC-3118	2-3/4	70	4	100
SPC-3119	3-1/2	88	5	125
SPC-3120	5-1/4	130	6	150
SPC-3121	6-1/4	155	8	200