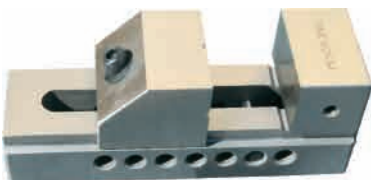


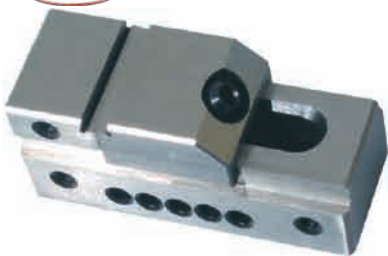
## SHARS Precision Toolmakers Vise



- High precision in one piece steel construction
- The bodies and jaws are hardened to RC 58-62
- All vises are ground flat Square and parallel within .0002"

Vise Capacity	Jaw Depth	LxWxH	Type	Wt. lbs.	Order No.	USA Brand	SHARS
3-1/4"	1"	5-7/8x2x2"	V225	6	202-1210	\$120.00	\$39.95
2-1/2"	1	5-5/16x2x2"	5	5	202-1120	70.00	32.00
3-3/8"	1-1/4"	6-45/64x2-1/2x2-1/2"	8	8	202-1121	90.00	46.00
4"	1-3/8"	7-9/32x3x2-3/4"	10	10	202-1124	100.00	37.00
4-1/2"	1-7/16"	7-1/2x3x2-5/8"	V237	11	202-1211	150.00	49.95
5"	1-5/16"	7-1/2x3x2-5/8"	V237J	12	202-1212	160.00	52.00
4-7/8"	1-1/2"	9-3/64x3-29/64x3-9/64"	18	18	202-1122	160.00	89.00
4-7/8"	1-3/4"	9-29/64x4x3-35/64"	23	23	202-1123	196.00	89.00
6"	2"	11x5x4"	34	34	202-1125	280.00	139.00
7"	1-7/16"	11x4x3"	V411	26	202-1213	340.00	99.95
8"	1-11/16"	12x6x3-7/16"	V612	40	202-1214	480.00	189.00

## SHARS Precision Toolmakers Insert Vise

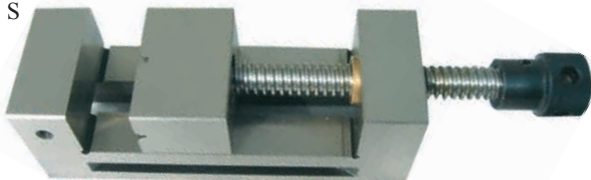


- Ideal for holding small parts
- Can be used either separately or can be held in another vise
- Base hardened and precision ground
- Squareness and parallelism within 0.0002"
- Vise length: 2-1/2"
- Overall height: 1.18"

Jaw Width	Jaw Depth	Jaw Opening	Weight	Order No.	USA Brand	SHARS
1"	3/8"	13/16"	120 z	202-1114	\$50.00	\$22.00

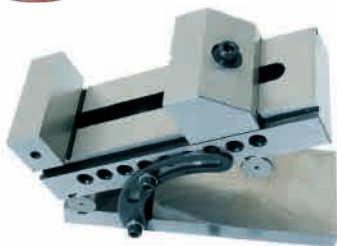
## SHARS Precision Toolmakers Vises

- With V-grooved jaw
- Square and parallel within .0002" S
- One piece body construction
- Hardened and ground. Rc58-62.



Jaw Width	Jaw Depth	Jaw Opening	Jaw Length	Order No.	USA Brand	SHARS
2-1/2"	1-1/4"	3-3/8"	7-1/4"	202-1110	\$90.00	\$55.00
3"	1-3/8"	4"	8-1/2"	202-1111	160.00	74.00
3-1/2"	1-9/16"	4-3/4"	10"	202-1112	180.00	93.00
4"	1-3/4"	4-3/4"	10-1/4"	202-1113	230.00	107.00

## SHARS Precision Sine Vises



- Very small angles may be set with ease and accuracy using standard gage block sets because of the built in .2" minute steps
- Accuracy is further enhanced by the fact that the center distance between the rolls is held within .0002"
- Square and parallel within .0002" .RC58-.62

Vise Capacity	Jaw Depth	LxWxH	Distance of Rolls	Wt. lbs.	Order No.	USA Brand	SHARS
2-5/8"	1"	5-3/8x2x3 1/8"	4"	7	202-1200	\$100.00	\$68.95
4-3/8"	1-1/2"	7-1/2x3x3 5/8"	5"	12	202-1204	155.00	89.00
7"	1-7/16"	11x4x4 5/8"	10"	39	202-1206	550.00	249.00
8"	1-11/16"	12x6x5 1/8"	10"	60	202-1207	780.00	490.00

## SHARS Universal Precision Vise



- This fixture is composed of two parts: a precision vise and a swivel angle plate base
- Vise is capable of revolving 360° horizontally with a 3' graduation engraved and ±45° vertical with a 3' graduation engraved
- L-wrench included for locking vise horizontal at any position

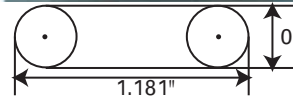
- Vertical angle can be adjusted with fine adjustment knob
- Hardened and precision ground provide a tolerance of 0.00004" parallelism and square
- Unique universal movement for precision grinding, machining, boring and various applications

Jaw Width	Jaw Depth	Vise Opening	LxWxH	Weight	Order No.	USA Brand	SHARS
2-3/4"	1.18"	3.15"	6.3x4.33x5.4"	31 lbs	202-1115	\$620.10	\$495.00

## SHARS Stainless Wire Cut Vise



- Made of stainless steel to resist erosion
- One piece body construction
- Hardness: HRC-55
- Parallelism and squareness within 0.0002"
- Precision ground and hardened throughout



Jaw Opening	Jaw Width	Jaw Depth	Vise Length	D	Height	Order No.	USA Brand	SHARS
4"	1.24"	1.18"	6.7"	3.34"	3.54"	202-1050	\$495.00	\$272.90
6"	1.26"	1.38"	8.9"	4.13"	3.94"	202-1051	675.00	366.50
8"	1.4"	1.57"	8.43"	4.13"	3.94"	202-1052	980.00	394.50

## SHARS Universal Vise Mill Grinder Fixture



- For use on a grinder or milling machine. Very handy tool to have.
- Adjust the 4 screw nuts to set the required angle for precision grinding on solid carbide end mills, drills, tool bits as well as engraving cutters of various shapes, angles and diameters.
- It can also clamp workpiece for machining on various angles.
- Parallelism of the cutter carrier to the bottom: 0.001
- Base dimension: 6.3"x7.1"
- W.t: 18 Lbs"

Order No.	USA Brand	SHARS
202-2615	\$195.00	\$125.00