

MACHINABLE VISE JAWS

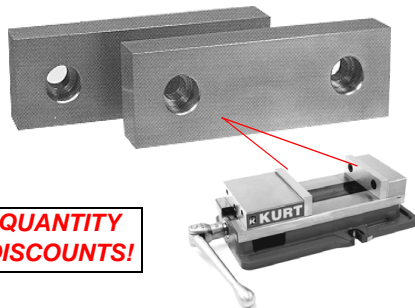
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MACHINABLE VISE JAWS ALUMINUM AND STEEL

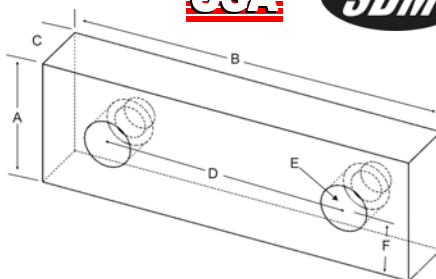
For Precision Machine Vises

FEATURES:

- Fits Kurt Anglock™ and similar precision machine vises
- Perfect for easy and quick set-ups, reducing down time
- Customize jaws for drill or mill features
- Reusable, saving you time and money!
- Price is for set of 2 jaws
- **QUANTITY DISCOUNTS!** Buy 10 or more sets (mix & match) and receive an additional **10% discount**



QUANTITY DISCOUNTS!



LATHE CHUCKS
LIVE CENTERS

VISE JAWS
VISE ACCESSORIES

STRAIGHT SHANK
COLLET HOLDERS

LATHE BUSHINGS
DRILL CHUCKS

CARBIDE INSERTS
THREADING/GROOVING

CUTTING TOOLS
MACHINERY

PRECISION TOOLS
DEBURRING

COOLANT/FLUIDS
TOOL STORAGE

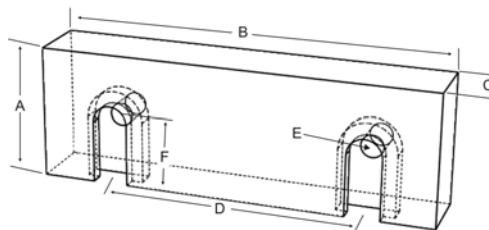
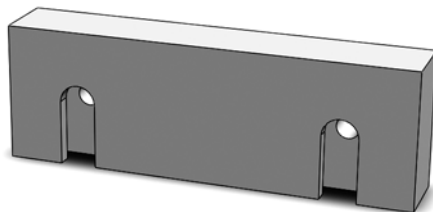
Vise Size	A Height Inch	B Length Inch	D Hole Space	E Screw Size	F Hole Dist.	C Width Inch	STEEL		ALUMINUM	
							Part Number	Price Set of 2	Part Number	Price Set of 2
4"	1-3/4	4	2-1/2	3/8	.687	3/4	VJ-451	\$14.06	VJ-401	\$11.25
	2	4	2-1/2	3/8	.687	1	VJ-452	\$16.51	VJ-402	\$12.85
6"	2	6	3-7/8	1/2	.937	3/4	VJ-651	\$16.77	VJ-601	\$12.90
						1	VJ-652	\$19.44	VJ-602	\$14.32
						1-1/4	VJ-653	\$23.44	VJ-603	\$16.94
						1-1/2	VJ-654	\$30.00	VJ-604	\$20.82
						2	VJ-656	\$34.35	VJ-606	\$23.66
	3	12	3-7/8	1/2	.937	1	VJ-659	\$40.86	VJ-609	\$25.99
						1-1/4	VJ-660	\$48.04	VJ-610	\$31.81
						1	VJ-661	\$30.00	VJ-611	\$22.63
						2	VJ-657	\$42.29	VJ-607	\$33.51
						1	VJ-662	\$37.96	VJ-612	\$28.96
4	6	3-7/8	1/2	.937	1-1/2	VJ-655	\$46.95	VJ-605	\$31.67	
					2	VJ-658	\$55.67	VJ-608	\$37.26	
					1	VJ-851	\$31.58	VJ-801	\$20.92	
8"	2-1/2	8	4-3/4	5/8	1.220	1-1/4	VJ-852	\$39.85	VJ-802	\$28.78

STEEL Vise Jaws are made from C1018 Cold Roll Steel and can be hardened. ALUMINUM Vise Jaws are made from 6061-T6 Bar Stock.

ULTRA QUICK CHANGE MACHINABLE VISE JAWS

FEATURES:

- Available in Steel or Aluminum
- Customize jaws for your desired job specifications
- Quick change style master jaws are compatible with industry standard vise jaws
- Can be heat treated
- Aluminum Jaws are ideal for delicate work
- **QUANTITY DISCOUNTS!** Buy 10 or more sets (mix & match) and receive an additional 10% discount



MOUNTING SCREWS

For Quick Change Vise Jaws

- High quality screws are black oxidized for durability and long life
- Low head screws for use on all "quick change" vise jaws
- 4 screws per package



Vise Size	A Height	B Length	D Hole Space	E Screw Size	F Hole Dist.	C Width	STEEL		ALUMINUM	
							Part Number	Price Set of 2	Part Number	Price Set of 2
4"	1-3/4	4	2-1/2	3/8	.687	3/4	VJ-4QM41707S-U	\$18.98	VJ-4QM41707A-U	\$15.19
	2	4	2-1/2	3/8	.687	1	VJ-4QM42010S-U	\$22.29	VJ-4QM42010A-U	\$17.35
6"	2	6	3-7/8	1/2	.937	3/4	VJ-6QM62007S-U	\$22.64	VJ-6QM62007A-U	\$17.42
						1	VJ-6QM62010S-U	\$26.24	VJ-6QM62010A-U	\$19.33
						1-1/4	VJ-6QM62012S-U	\$30.44	VJ-6QM62012A-U	\$22.87
						1-1/2	VJ-6QM62015S-U	\$37.00	VJ-6QM62015A-U	\$28.11
						2	VJ-6QM62020S-U	\$43.35	VJ-6QM62020A-U	\$32.66
	3	12	3-7/8	1/2	.937	1	VJ-6QM22010S-U	\$49.86	VJ-6QM22010A-U	\$34.99
						1-1/4	VJ-6QM22012S-U	\$57.04	VJ-6QM22012A-U	\$40.81
						1	VJ-6QM63010S-U	\$37.00	VJ-6QM63010A-U	\$30.55
						2	VJ-6QM63020S-U	\$51.29	VJ-6QM63020A-U	\$42.51
						1	VJ-6QM64010S-U	\$46.96	VJ-6QM64010A-U	\$35.96
4	6	3-7/8	1/2	.937	1-1/2	VJ-6QM64015S-U	\$55.95	VJ-6QM64015A-U	\$40.67	
					2	VJ-6QM64020S-U	\$64.67	VJ-6QM64020A-U	\$46.26	
					1	VJ-8QM82510S-U	\$40.58	VJ-8QM82510A-U	\$28.24	
8"	2-1/2	8	4-3/4	5/8	1.220	1-1/4	VJ-8QM82512S-U	\$48.85	VJ-8QM82512A-U	\$35.78

STEEL Vise Jaws are made from C1018 Cold Roll Steel and can be hardened. ALUMINUM Vise Jaws are made from 6061-T6 Bar Stock.

Call Us Or Visit Our Website For Our Complete Selection!

2010-11 Master Catalog

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WISE JAWS-HARDENED & QUICK CHANGE

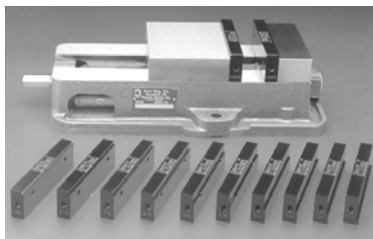
HARDENED VISE JAWS

- Standard individual hardened jaw plates for 4", 6" & 8" vises
- Hardened and ground
- Sold by each



Vise Size	Part Number	Price Each
4"	KURT-D40-7	\$32.00
6"	KURT-D60-7	\$33.00
8"	KURT-D80-7	\$82.00

HARDENED STEP JAWS

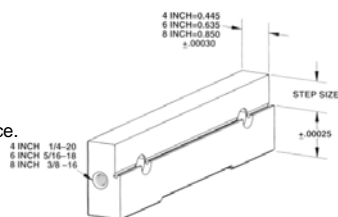


Replace Your Parallels With Quick-Change Step Jaws!



FEATURES:

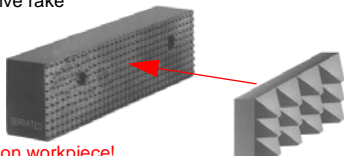
- Hardened & precision ground to $\pm .00025$.
- Tapped holes in both ends for workstops.
- Low profile for more clamp force.
- Thin ledge to avoid tool interference.
- Black oxide coating and laser-etched with sizes.



Step Size	4 Inch Series		6 Inch Series		8 Inch Series	
	Part Number	Price	Part Number	Price	Part Number	Price
No Step	SN-4HSJ-400	\$81.70	SN-6HSJ-600	\$109.25	SN-8HSJ-800	\$147.25
.050 X .050	SN-4HSJ-050	\$109.25	SN-6HSJ-050	\$123.50	-	-
.075 X .075	SN-4HSJ-075	\$109.25	SN-6HSJ-075	\$123.50	-	-
.100 X .100	SN-4HSJ-100	\$100.70	SN-6HSJ-100	\$118.75	-	-
1/8	-	-	SN-6HSJ-115	\$118.75	-	-
0.150	-	-	-	-	SN-8HSJ-150	\$176.70
3/16	SN-4HSJ-177	\$100.70	SN-6HSJ-177	\$118.75	-	-
1/4	SN-4HSJ-240	\$100.70	SN-6HSJ-240	\$118.75	-	-
1/3	SN-4HSJ-302	\$100.70	SN-6HSJ-302	\$118.75	-	-
3/8	SN-4HSJ-365	\$100.70	SN-6HSJ-365	\$118.75	SN-8HSJ-365	\$176.70
1/2	SN-4HSJ-490	\$118.75	SN-6HSJ-490	\$153.90	SN-8HSJ-490	\$204.25
5/8	SN-4HSJ-615	\$118.75	SN-6HSJ-615	\$153.90	SN-8HSJ-615	\$209.00
3/4	SN-4HSJ-740	\$118.75	SN-6HSJ-740	\$153.90	SN-8HSJ-740	\$209.00
7/8	SN-4HSJ-865	\$137.75	SN-6HSJ-865	\$153.90	SN-8HSJ-865	\$218.50
1	SN-4HSJ-990	\$137.75	SN-6HSJ-990	\$167.20	SN-8HSJ-990	\$218.50
1-1/4	-	-	SN-6HSJ-124	\$180.50	SN-8HSJ-124	\$242.25
1-1/2	-	-	-	-	SN-8HSJ-149	\$242.25
1-3/4	-	-	-	-	SN-8HSJ-174	\$242.25
		Ledge Width .100			Ledge Width .100	Ledge Width .150

SERRATED JAWS

Great for holding castings or burnouts, the sawtooth serrations have a 2° positive rake on the bottom of each tooth, providing a downward biting motion. The jaws are hardened and ground and supply maximum holding power.



Extra Bite!

CAUTION: May leave "bite marks" on workpiece!

Width x Height	4 Inch Series		6 Inch Series		8 Inch Series	
	Part Number	Price Per Pair	Part Number	Price Per Pair	Part Number	Price Per Pair
3/4 x 1-1/4	SN-4SER-100	\$156.75	---	---	---	---
3/4 x 1-1/2	SN-4SER-150	\$166.25	SN-6SER-150	\$185.25	---	---
1 x 2	---	---	SN-6SER-200	\$185.25	SN-8SER-200	\$237.50
1 x 2-1/2	---	---	SN-6SER-250	\$185.25	SN-8SER-250	\$266.00
1 x 3	---	---	SN-6SER-300	\$223.25	SN-8SER-300	\$280.25

MACHINABLE VISE JAWS

Fast, affordable fixturing! You machine the desired shape.



FEATURES:

- Available in Steel or Aluminum
- Blanchard ground for flatness.
- Tapped hole in both ends for workstops.
- Black oxide coated and laser-etched with sizes.
- Can be heat treated.
- Aluminum Jaws are ideal for delicate work and are anodized.

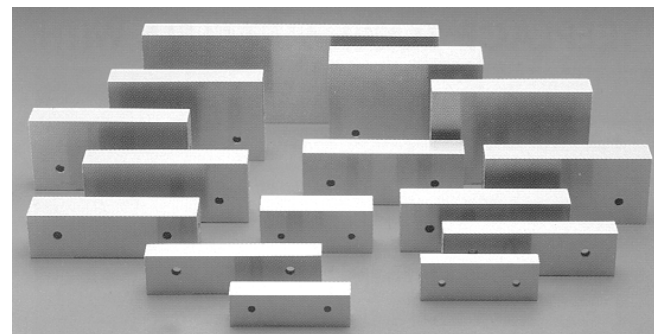
For Economy Vise Jaws, Please See Page 127

Machinable Steel Jaws

Width x Height	4 Inch Series		6 Inch Series		8 Inch Series	
	Part Number	Price Per Pair	Part Number	Price Per Pair	Part Number	Price Per Pair
3/4 x 1-1/4	SN-4MSJ-100	\$50.35	-	-	---	---
3/4 x 1-1/2	SN-4MSJ-150	\$58.90	SN-6MSJ-150	\$38.00	---	---
1 x 1-1/2	SN-4MSJ-160	\$72.20	---	---	---	---
3/4 x 1-3/4	SN-4MSJ-185	\$54.15	SN-6MSJ-175	\$54.15	---	---
1 x 1-3/4	SN-4MSJ-200	\$90.25	SN-6MSJ-185	\$54.15	---	---
3/4 x 2	SN-4MSJ-190	\$90.25	---	---	---	---
1 x 2	SN-4MSJ-210	\$118.75	SN-6MSJ-200	\$54.15	SN-8MSJ-200	\$90.25
1 x 2-1/4	---	---	SN-6MSJ-225	\$81.70	SN-8MSJ-225	\$109.25
1 x 2-1/2	---	---	SN-6MSJ-250	\$81.70	SN-8MSJ-250	\$109.25
1 x 2-2/3	---	---	SN-6MSJ-275	\$81.70	---	---
1 x 3	---	---	SN-6MSJ-300	\$81.70	SN-8MSJ-300	\$131.10
1 x 3-1/2	---	---	SN-6MSJ-350	\$99.75	---	---
1 x 4	---	---	SN-6MSJ-400	\$99.75	---	---
1-1/2 x 1-1/2	---	---	SN-6MSJ-450	\$123.50	---	---
2 x 1-1/2	---	---	SN-6MSJ-475	\$152.00	---	---
1-1/2 x 2-1/2	---	---	SN-6MSJ-500	\$194.75	SN-8MSJ-400	\$204.25
1-1/2 x 3	---	---	---	---	SN-8MSJ-310	\$204.25

Machinable Aluminum Jaws

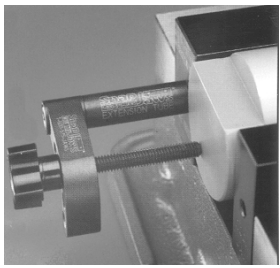
Width x Height	4 Inch Series		6 Inch Series		8 Inch Series	
	Part Number	Price Per Pair	Part Number	Price Per Pair	Part Number	Price Per Pair
3/4 x 1-1/2	SN-4MAJ-150	\$38.00	SN-6MAJ-150	\$38.22	---	---
3/4 x 1-3/4	---	---	SN-6MAJ-175	\$38.22	---	---
1 x 1-3/4	---	---	SN-6MAJ-185	\$41.80	---	---
1 x 2	SN-4MAJ-200	\$50.35	SN-6MAJ-200	\$41.80	---	---
1 x 3	---	---	SN-6MAJ-300	\$54.15	---	---
1-1/4 x 2	---	---	---	---	SN-8MAJ-200	\$76.00
1-1/4 x 2-1/2	---	---	SN-6MAJ-250	\$54.15	SN-8MAJ-250	\$76.00
1-1/4 x 3	---	---	---	---	SN-8MAJ-300	\$85.50



Call Us Today For All Of Your Machine Tool Needs!

QUICK CHANGE VISE JAWS

WORKSTOPS



Fits all Snap Jaws. Workstops accommodate most of your locating and presetting needs. This versatile stop rotates 180° and is reversible for a complete range of applications. Package includes body, stem, extrusion tube and screws. May be used without extension tube.



Description	Part Number	Price
For 6" Vises	SN-6WSP-13	\$40.85

MOUNTING SCREWS

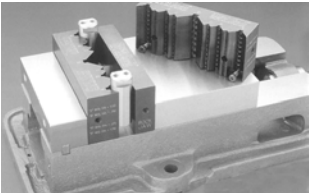
For Quick Change Vise Jaws

- High quality screws are black oxidized for durability and long life
- Low head screws for use on all "quick change" vise jaws
- 4 screws per package



Vise Size	Part Number	Price Per Pack
4"	SN-4LHS-16	\$6.41
6"	SN-6LHS-13	\$8.79
8"	SN-8LHS-11	\$17.34

VERTICAL "VEE" JAWS



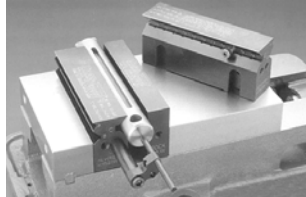
The vertical "Vee" jaw has matching "Vees" at opposite ends and one large "V" in the center. This design can double your production by gripping two pieces at a time. Jaws are heat treated (Rc 54/58) and precision ground. Tapped holes in the bottom of the "Vees" accommodates provided end stops.

Grip 2 Round Pieces At A Time!



Vise Size	Capacity	Part Number	Price Per Pair
4"	.050" - 1"	SN-4MVJ-250	\$266.00
	3/4" - 4"	SN-40VV-250	\$266.00
6"	1/8" - 1 1/2"	SN-6MVJ-250	\$318.25
	1" - 6"	SN-60VV-250	\$318.25
8"	1" - 8"	SN-8MVJ-250	\$532.00

HORIZONTAL "VEE" JAWS



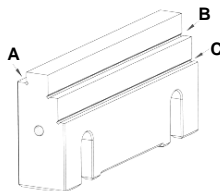
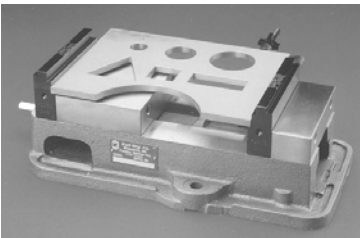
For tool room or production. Heat treated (Rc 54/58) and precision ground, these horizontal "V" jaws are ideal for drilling cross holes and milling keyways. Tapped holes in the bottom of the "Vees" accommodates provided end stops. Additionally, a workstop (pictured) is provided with each set of horizontal "Vee" jaws.

Hold Round Pieces from .060 to 4 1/8"!



Vise Size	Capacity	Part Number	Price Per Pair
4"	.060" - 1 1/8"	SN-4RHJ-150	\$266.00
	3/4" - 2 1/2"	SN-40HV-150	\$266.00
6"	1/16" - 1 1/8"	SN-6RHJ-150	\$318.25
	1" - 3 1/8"	SN-60HV-150	\$318.25
8"	1" - 3"	SN-8RHJ-150	\$532.00
	1 1/2" - 4 1/8"	SN-80HV-150	\$532.00

OVERSIZE PLATE JAWS



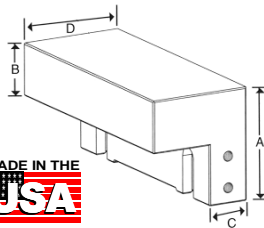
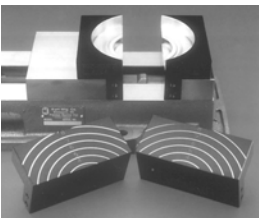
Double your vise capacity! Plate jaws are designed to hold fixtures or oversized plates. They are reversible with 3 different step sizes and can mount on outside positions of Kurt vises. This design allows for 16 different holding positions!

Step	4 Inch	6 Inch	8 Inch
A	3/8 x 1/4	1/4 x 1/4	1/4 x 1/4
B	1/8 x 1/8	1/2 x 1/4	7/16 x 3/16
C	7/16 x 1/8	5/8 x .150	1/2 x 3/16



4 Inch Series		6 Inch Series		8 Inch Series	
Part Number	Price Per Pair	Part Number	Price Per Pair	Part Number	Price Per Pair
SN-4MIJ-250	\$220.50	SN-6MIJ-250	\$294.50	SN-8MIJ-250	\$451.25

MACHINABLE TOP JAWS

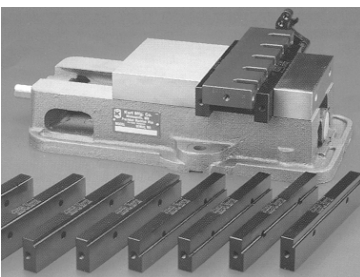


Expand the capacity of your vise! Top Jaws unique "L" shaped design fits over the top of the vise for greater machinable area. You machine the jaws to fit your application. Perfect for odd shapes, delicate rings or disks. Available in steel or aluminum.



Size	A	B	C	D	Material	Part Number	Price Per Pair
6 inch	2 3/4	1 1/4	1.0	2 3/4	Aluminum	6TJA-275	\$242.25
6 inch	2 1/2	1.0	3/4	2 1/2	Steel	6TJS-250	\$242.25

EXTENSION STEP JAWS



Expand Your Vise Capacity!

Extra clamping and support area! Expand your vise capacity! Extension Jaws are 2 inches longer for increased support. Hardened, precision ground and available in 10 different step sizes.

Ledge Width: .100

Step Size	4 Inch Series		6 Inch Series	
	Part Number	Price Per Pair	Part Number	Price Per Pair
nostep	SN-4ESJ-400	\$118.75	SN-6ESJ-600	\$152.00
0.100	SN-4ESJ-100	\$142.50	SN-6ESJ-100	\$166.25
3/16	SN-4ESJ-177	\$142.50	SN-6ESJ-177	\$166.25
1/4	SN-4ESJ-240	\$137.75	SN-6ESJ-240	\$166.25
3/8	SN-4ESJ-365	\$137.75	SN-6ESJ-365	\$166.25
1/2	SN-4ESJ-490	\$156.75	SN-6ESJ-490	\$204.25
5/8	SN-4ESJ-615	\$156.75	SN-6ESJ-615	\$204.25
3/4	SN-4ESJ-740	\$156.75	SN-6ESJ-740	\$204.25
7/8	SN-4ESJ-865	\$156.75	SN-6ESJ-865	\$204.25
1	SN-4ESJ-990	\$171.00	SN-6ESJ-990	\$237.50

Call Us Or Visit Our Website For Our Complete Selection!

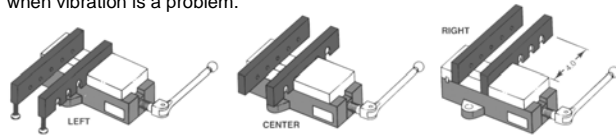
CHUCK JAWS
LATHE WORKHOLDING

QUICK CHANGE VISE JAWS

EXTENSION SOFT JAWS

Hold Oversize Parts!

Machinable Extension Jaws are ideal for holding oversize parts, castings and plates. This unique design allows extended clamping on the right, left or middle. Jaws can be supported with a support stud when doing heavy cutting, drilling or when vibration is a problem.



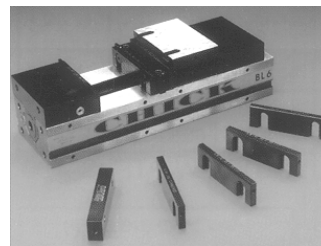
Size	Material	Part Number	Price Per Pair
10 x 1-1/4 x 2-1/2	Soft Steel	SN-6EJS-6	\$245.00
10 x 1 x 2-1/2	Aluminum	SN-6EJA-6	\$245.00

For Use In Center Only:

Series	Dimensions	Material	Part Number	Price Per Pair
6 inch	8 x 1 x 2-1/2	Aluminum	SN-6AEJ-080	\$161.70
6 inch	8 x 1 x 2	Soft Steel	SN-6MEJ-080	\$178.60
6 inch	10 x 1 x 2	Soft Steel	SN-6MEJ-100	\$178.60



SLIMLINE STEP JAWS



Perfect for **CHICK Bi-Loc** or **Kurt** vises. These thin step jaws increase your vise capacity by up to 15%. Slimline step jaws are ideal when you need that little extra capacity.

We Offer The Complete CHICK Workholding Line!

Size	Width	Dimension	Part Number	Price Per Pair
4 Inch	3/8	No Step	SN-4SLJ-400	\$133.00
4 Inch	.260	.100 x .100 step	SN-4SLJ-100	\$156.75
4 Inch	.175	.177 x .177 step	SN-4SLJ-117	\$156.75
6 inch	3/8	.100 x .100 step	SN-6SLJ-110	\$142.50
6 inch	3/8	.100 x .177 step	SN-6SLJ-117	\$142.50
6 inch	3/8	.100 x .240 step	SN-6SLJ-124	\$142.50
6 inch	3/8	.100 x .312 step	SN-6SLJ-131	\$142.50
6 inch	1/4	.100 x .240 step	SN-6SLJ-224	\$142.50
6 inch	1/4	.100 x .312 step	SN-6SLJ-231	\$142.50

MACHINE VISES
MAGNETIC CHUCKS

RETENTION KNOBS
ER, DA, TG COLLETS

TOOLHOLDERS
TAP HOLDERS

INDEXABLE DRILLS
TURNING & BORING

ENDMILLS, DRILLS
TAPS & REAMERS

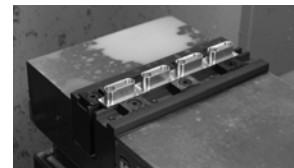
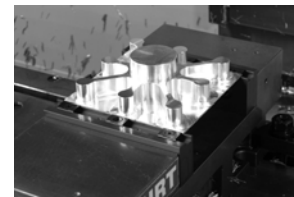
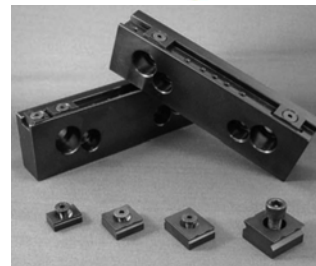
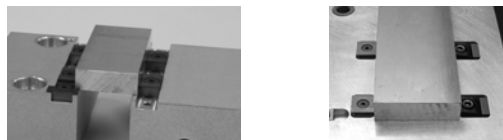
ABRASIVES
MEASURING TOOLS

MRO & SAFETY
FLAT STOCK/DRILL ROD

TALON GRIP VISE JAW SYSTEM



This new and innovative product will increase the functionality of your standard 4 and 6 inch vises. TalonGrip™ is a split bolt on system that will allow you to perform aggressive machining operations while clamping on as little as .060 of an inch. Ideal for small lot sizes, difficult applications or proto-type work when building a fixture would not be beneficial. TalonGrips™ are also available individually for fixturing with the Mitee-Bite Pitbull® Clamp or soft jaw applications.



Steel Vise Jaw Set-includes 4 Talongrips™, 1 Stop W/ M5 Screws

Vise	A	B	C	D	E	Part Number	Price
4"	1.0	2.5	.688	4.0	1.49	MITEE-32044	\$142.50
4"/6"	1.0	2.5/3.88	.688/.94	6.0	1.74	MITEE-32066	\$161.50
6"	1.0	3.88	0.94	8.0	1.74	MITEE-32068	\$180.50

Vise Jaw Grips & Stops

Description	A	B	C	D	Rec.Grip Height	Part Number	Price
Extra Grips (2)	0.75	0.5	0.25	10-32	.060-.075	MITEE-32050	\$23.28
				M5	.060-.075	MITEE-33050	\$23.28
Extra Stops (1)	-	-	-	10-32	-	MITEE-32025	\$14.25
				M5	-	MITEE-33025	\$14.25

ANGLOCK® VISE REPAIR KITS

Anglock® repair kit includes thrust bearings, washers and all wear parts for each specific KURT Anglock® vise.



KURT Vise Model	Description	Part Number	Price Each
D 675	Rebuild Kit	KURT-D675-KIT	\$28.00
D 688	Rebuild Kit	KURT-D688-KIT	\$37.00
D 810	Rebuild Kit	KURT-D810-KIT	\$40.00
DL 430	Rebuild Kit	KURT-DL430-KIT	\$42.00
DL 640	For serial #'s 1000-3734	KURT-DL640-K1	\$44.00
DL 640	For serial #'s 3735-4999	KURT-DL640-K1	\$56.00
DL 640	For serial #'s 5001 & up	KURT-DL640-K1	\$57.00

"MAGIC GRIP" VISE LINERS



FEATURES:

- Securely holds any fragile parts
- Easily adaptable to all vises
- Easily bendable by hand
- Can be used as a vibration isolator
- Will not mark workpiece



Size	Part Number	Price Each
6" x 4"	ROY-26011	\$25.65

Call Us Today For All Of Your Machine Tool Needs!

2010-11 Master Catalog