

## VERTEX Precision Rotary Tables Horizontal/Vertical Indexing Fixture

- Works as an index center in the vertical position as well as a conventional rotary table
- 10 second vernier reading
- Disengageable worm gear permits rapid rotation
- 90 to 1 Worm ratio

### Specifications:

	MAX. VARIATION (Inches/seconds)
Clamping surface flatness (concave)	.0006"
Cylindrical center bore concentricity	.0008"
Taper center bore concentricity	.0008"
Surface to base parallelism	.0008"
Surface to angle face squareness	.0004"
Surface to center slot squareness	.0008"

	ACCURACY
6" and 8" Tables	1 minute
	20 sec.
10", 12" & 14" Tables	45 sec.



Dia.	Height Horiz.	Height Vert.	Center Height	No. T-Slots	Center Hole	Weight (Lbs.)	Order No.	Regular Price	SALE
6"	3.1"	7.8"	3.9"	4	2 MT	29	JJ55-LG6	\$277.00	<b>\$209.00</b>
10"	4.5"	12.8"	6.5"	6	3 MT	103	JJ55-LG10	555.00	<b>399.00</b>
12"	5.3"	15.3"	7.7"	6	4 MT	173	JJ55-LG12	776.50	<b>565.00</b>
14"	5.5"	17.7"	9.1"	6	4 MT	233	JJ55-LG14	899.00	<b>650.00</b>

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WH-017\*141

## KANT TWIST™ Clamps

- Lightweight and 40% stronger than C-Clamps
- Floating jaws stay parallel & eliminate distorting or twisting action
- Cantilever action provides 4:1 ratio
- Built in "V" blocks for holding round or rod stock
- Copper plated jaws and screws, ideal for welding



Size	Max. Opening	Open Depth	Closed Depth	Rated Load	Order No.	List Price	SALE
1"	1"	3/8"	1/2"	350 lbs.	SE64-401	\$ 12.50	<b>\$ 10.95</b>
2"	2"	1 1/8"	1 1/4"	800 lbs.	SE64-405	15.10	<b>13.25</b>
3"	3"	1 1/4"	1 3/4"	1500 lbs.	SE64-410	21.60	<b>18.95</b>
6"	6"	2 1/8"	3 3/8"	2000 lbs.	SE64-420	35.15	<b>30.90</b>
9"	9"	3 3/8"	5 1/4"	2500 lbs.	SE64-430	101.85	<b>89.60</b>
12"	12"	5"	7"	6000 lbs.	SE64-440	159.20	<b>139.95</b>
Deep Throat Styles							
2 1/2"	27/16"	2"	1 13/16"	700 lbs.	SE64-407	\$ 16.65	<b>\$ 14.65</b>
4 1/2"	4 1/2"	2 1/4"	3"	1700 lbs.	SE64-415	23.05	<b>20.25</b>
6"	6"	4 1/4"	5 1/2"	2000 lbs.	SE64-421	38.35	<b>33.75</b>
10"	10"	6"	7"	3500 lbs.	SE64-435	143.45	<b>126.20</b>

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## Shoulder Eye Bolts

- Forged
- High tensile strength
- Manufactured to ASTM standards
- 1030 Carbon steel



Dia.	Length	Eye Diameter Inside	Order No.	List Price	SALE
1/4"	1"	3/4"	SF50-004	\$ 3.00	<b>\$ 2.25</b>
5/16"	1 1/8"	7/8"	SF50-005	3.15	<b>2.35</b>
3/8"	1 1/4"	1"	SF50-006	3.20	<b>2.40</b>
1/2"	1 1/2"	1 1/8"	SF50-008	4.15	<b>3.10</b>
5/8"	1 3/4"	1 3/8"	SF50-010	6.70	<b>5.00</b>
3/4"	2"	1 1/2"	SF50-012	8.65	<b>6.50</b>
7/8"	2 1/4"	1 11/16"	SF50-014	12.05	<b>9.00</b>
1"	2 1/2"	1 13/16"	SF50-016	15.65	<b>11.75</b>
1 1/4"	3"	2 3/16"	SF50-020	31.65	<b>23.75</b>
1 1/2"	3 1/2"	2 1/2"	SF50-024	55.00	<b>41.25</b>
2"	4"	3 1/4"	SF50-032	127.90	<b>95.90</b>

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## VERTEX

## Simple Indexing Spacer



### Includes:

- 3 Jaw chuck • Can index angle of 15°
- Masking plates 2, 3, 4, 6, 8 and 12

6" - Order No. JJ55-CC6  
Regular Low Price \$581.00

8" - Order No. JJ55-CC8  
Regular Low Price \$803.00

**SALE**  
**\$455.00**

**SALE**  
**\$625.00**

### Standards of Accuracy For Simple Index

Testing Objective	Tolerances Unit: Permitted Max.
Parallelism of table surface to base per 12"	.0006"
True running of axial movement of table surface	.0006"
True running of center boss	.0004"
Squareness of base to angle face per 12"	.0008"
True running of chuck center	.0012"
Dividing accuracy individual spacing error	45"

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WH-125\*141



## Toggle Clamps

**As Low As \$7.30**

### Horizontal Handle Clamps

- Features low profile & greater clearance
- Models 205-S & 205-U have nylon spindle
- Other models have neoprene spindle



Model No.	Height	Clearance Under Bar	Length	Holding Capacity	Order No.	SALE
205-S	3/4"	1 3/32"	2 3/4"	60 lbs.	MA50-205S	<b>\$ 7.30</b>
205-U	3/4"	5/16"	2 5/8"	60 lbs.	MA50-205U	<b>7.30</b>
215-U	1 1/2"	1"	5 1/2"	200 lbs.	MA50-215U	<b>10.15</b>
225-U	1 7/8"	1 11/32"	6 1 1/16"	500 lbs.	MA50-225U	<b>11.50</b>
235-U	2 1/2"	1 3/4"	10 1/4"	750 lbs.	MA50-235U	<b>19.15</b>
245-U	4 3/8"	2 5/16"	12 1/4"	1000 lbs.	MA50-245U	<b>36.00</b>

### Vertical Handle Clamps

- Feature higher holding capacities and short overall length
- Models 201 & 202 include neoprene spindle
- Other models supplied with two flanged washers only.



Model No.	Height	Clearance Under Bar	Length	Holding Capacity	Spindle Size	Order No.	SALE
201	3"	5/8"	2"	100 lbs.	#10-32	MA50-201U	<b>\$ 9.40</b>
202-U	4 1/4"	1 5/16"	2 3/4"	200 lbs.	1/4"-20	MA50-202U	<b>9.90</b>
207-U	5 3/4"	1 1/4"	3 1 1/16"	375 lbs.	5/16"-18	MA50-207U	<b>12.90</b>
210-U	7 5/8"	1 11/16"	5 5/8"	600 lbs.	3/8"-16	MA50-210U	<b>18.85</b>
247-U	8 1 1/16"	2"	7"	1000 lbs.	1/2"-13	MA50-247U	<b>27.60</b>
267-U	12"	3 1/4"	9"	1200 lbs.	5/8"-11	MA50-267U	<b>43.70</b>

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## Lyndex R8 Round Precision Collets



\*Lyndex collets are within .0005 T.I.R. 1" from face.

Regular Price \$20.05

**YOUR CHOICE**  
**\$16.95**

Size	Order No.	Size	Order No.	Size	Order No.
1/8"	GP35-008	3/8"	GP35-024	5/8"	GP35-040
3/16"	GP35-012	7/16"	GP35-028	1 1/16"	GP35-044
1/4"	GP35-016	1/2"	GP35-032	3/4"	GP35-048
5/16"	GP35-020	9/16"	GP35-036	7/8"	GP35-056

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WH-106\*141



## HDL Anglock® Vises – Manual HDLM6 Manual Vises with Jaw Sets



The next generation in double station workholding!

The HDL Anglock® Vises are high density long vises with two clamping stations. They provide repeatable clamping to 0.001 inch and combine high density with heavy duty features. Designed on a rugged 80,000 PSI ductile iron body with steel components, both models provide strength, rigidity and long term accuracy while absorbing machining vibration.

### Features:

- Two clamping stations – repeatable clamping to 0.001"
- Full 4" opening in each station with standard hard jaw system
- Hydraulic models available
- Fast easy conversion between manual and hydraulic models
- Maximizes the number of parts in the work envelope. Adjustable pre-load feature allows you to minimize pre-load range thus reducing the turns of the handle to open or close the vise (manual version)
- Holding block features the ability to clamp same or dissimilar sized parts and provides pre-loading ability in the front or back jaw (manual version)
- Shipping weight – 100 lbs.



KURT LIFETIME WARRANTY  
IRONCLAD

Manual Model/Hard Jaws  
Order No. HT80-HDLM6J  
Regular Price \$1,841.25

**SALE \$1,625<sup>00</sup>**

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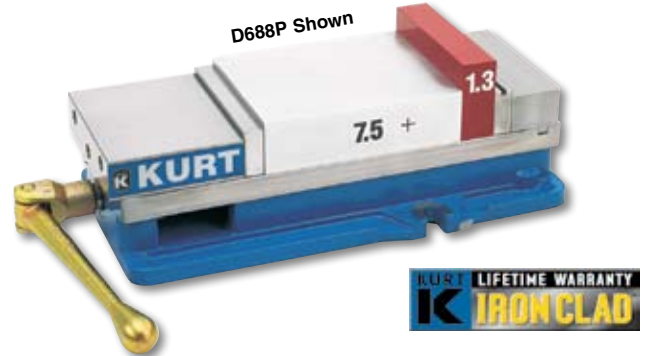
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## Anglock Machine Vises™



- D688 has a 8.8" opening
- D675 has a 7.5" opening
- D810 has a 10" opening
- Patented Anglock® design assures the movable jaw does not lift
- Hardened base bed & jaw plates
- Semi-hard steel screw
- D688 comes with Groove Lock Jaw and workstop standard



KURT LIFETIME WARRANTY  
IRONCLAD

Order No. HT80-D810P  
Regular Price \$1,527.00

Order No. HT80-D675P  
Regular Price \$488.00

Order No. HT80-D688P  
Regular Price \$569.00

**SALE \$1,345<sup>00</sup>**

**SALE \$419<sup>00</sup>**

**SALE \$485<sup>00</sup>**

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## Quick Set Adjustable Drill Press Vises

WORLD CLASS QUALITY



4" Jaw Width  
4 1/16" Jaw Opening  
Order No. HX51-4PSV  
Regular Low Price \$81.40

6" Jaw Width  
6 5/16" Jaw Opening  
Order No. HX51-6PSV  
Regular Low Price \$132.00

**SALE \$56<sup>95</sup>**      **SALE \$92<sup>50</sup>**

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## Drill Rod (O-1) Oil Hardened



- (O-1) A non-shrinking general purpose tool steel. Oil hardened drill rod, has excellent abrasion resistance, toughness and machinability characteristics.
- 3-Foot lengths



### (O-1) Oil Hardened

Tempering Data		Dia.	Weight Per Pc.	Order No.	Regular Price	SALE
Temper °F	Rockwell C Hardness					
As Quenched	63-65	3/8"	1.13	MC50-024	\$ 5.75	<b>\$ 4.60</b>
300	63-65	1/2"	2.00	MC50-032	9.70	<b>7.75</b>
400	61-64	5/8"	3.13	MC50-040	14.70	<b>11.75</b>
500	60-63	3/4"	4.51	MC50-048	20.65	<b>16.50</b>
600	57-60	7/8"	6.13	MC50-056	30.05	<b>24.00</b>
800	48-51	1"	8.01	MC50-100	39.70	<b>31.75</b>
1000	44-48	1 1/4"	12.52	MC50-116	61.45	<b>49.15</b>
		1 1/2"	18.03	MC50-132	84.70	<b>67.75</b>
		1 3/4"	24.53	MC50-148	112.05	<b>89.60</b>
		2"	32.04	MC50-200	142.80	<b>114.20</b>

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