

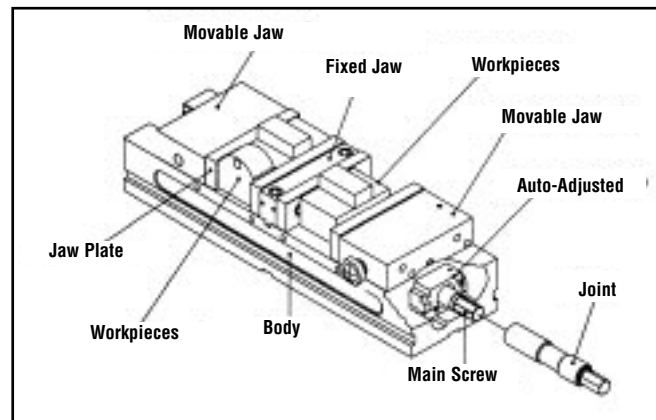


**DOUBLE CLAMP VISE**

**New Design and Unique Construction!**

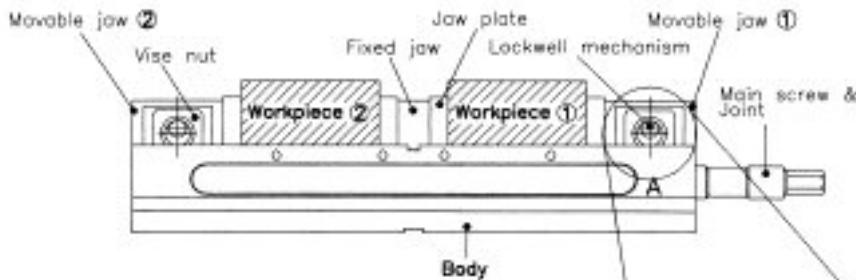
- Double clamp set ~ one handle can simultaneously operate two moveable jaws and clamps 2 pieces of workpiece of same or different size or one large workpiece
- This model can increase efficiency and productivity of CNC machines
- The movable jaw ANTI-LIFT mechanism - provides alignment to workpiece without jaw lift
- There are 6 kinds of clamping ways to meet workpieces of different shapes and sizes
- The whole body is precisely grounded and height tolerance is within  $\pm 0.025\text{mm}$  ( $\pm 0.001''$ ), therefore several vises can be lined up for production
- The vise is made of FDC-80.000 PSI (55kg/cm<sup>2</sup>)
- Ductile iron, and slide ways are hardened to HRC45°
- The rigid construction prevents the base from distortion
- Precision made to high accuracy standard

GS Double Clamp Vise  
(TLD-40G/HV, TLD-60G/HV)



**Feature:**

**ANTI-LIFT MECHANISM**



ANTI-LIFT Mechanism

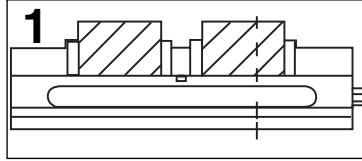
- Clamping force equalization and ANTI-LIFT mechanism features virtually eliminate the deflection of fixed centre jaw and movable jaw lift
- Clamping range for clamping 2 pieces of workpieces simultaneously is 125 mm (4.9") each or 275 mm (10.8") for one large workpiece
- Double clamp seat

DOUBLE CLAMP VISE		
Model #	Code No.	Price \$
TLD-40G/HV	382-610	1,901.10
TLD-60G/HV	382-600	2,129.20

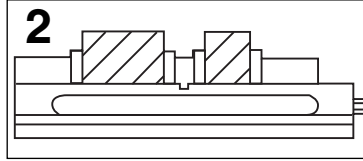
# GS DOUBLE CLAMP VISE



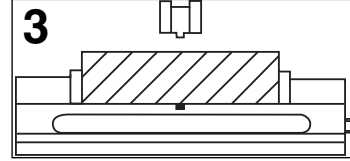
## CLAMPING EXAMPLES OF DIFFERENT APPLICATIONS:



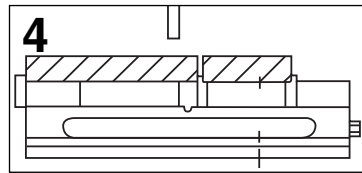
Clamping 2 pieces of same size workpieces.  
Max. Capacity: 90mm (3.5")  
125mm (4.9")



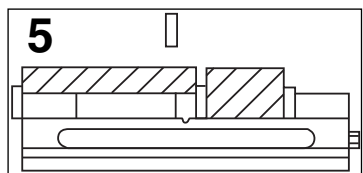
Clamping 2 pieces of different size workpieces.  
Max. Capacity: 90mm (3.5")  
125mm (4.9")



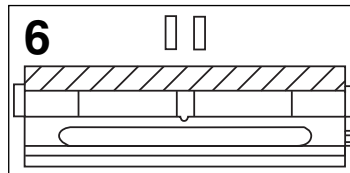
Large workpieces are able to be clamped after moving fixed jaw.  
Max. Capacity: 237mm (9.3")  
1315mm (12.4")



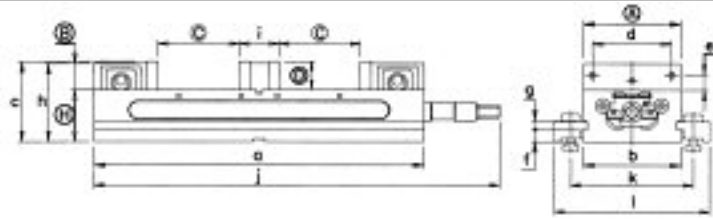
Stepped jaw plate for thin workpiece.  
Max. Capacity: 215mm (8.4")  
275mm (10.8")



Clamping 2 different workpieces.  
Max. Capacity: 215mm (8.4")  
275mm (10.8")



Large thin workpiece is able to be clamped after removing jaw plate on fixed jaw.  
Max. Capacity: 405mm (15.9")  
520mm (20.5")

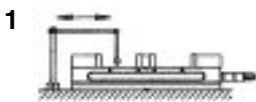


## CLAMPING EXAMPLES OF DIFFERENT APPLICATIONS

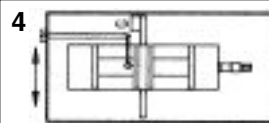
Model No.	A	B	C	D	a	b	c	d	e	f	g	h	H	i	j	k	l	Guide Block	Weight (lb)
TLD-40G	103	33	90	38	405	104	101.5	63.5	17.5	13	31	96.5	63.5	55	430	143	195	18	20
(TLD-40HV)	4.05	1.29	3.54	1.49	15.9	4.09	3.99	2.5	0.68	0.51	1.22	3.79	2.5	2.16	16.9	5.62	7.67	0.709	44
TLD-60G	152	41.5	125	44.5	520	154	123.5	98.42	23.8	18	16	126.5	82.55	64	639	193	245	18	48
(TLD-60HV)	5.98	1.6	4.9	1.75	20.47	6	4.98	3.87	0.94	0.7	0.63	4.86	3.25	2.52	25.15	7.59	9.64	0.709	105.6

### TLD-40G, TLD-60G; match vise, TLD-40HV, TLD-60H (horizontal and vertical 2 way)

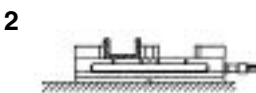
#### Inspection Specification:



1 Parallelism: running face to bottom of bed.  
Guaranteed: 0.01 mm (0.0004")



4 Parallelism: keyways on bottom of bed to jaw plate.  
Guaranteed: 0.02 mm (0.0008")



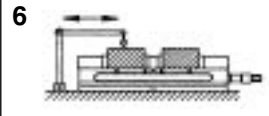
2 Squareness: between running face and jaw plate.  
Guaranteed: 0.03 mm (0.0012")



5 Squareness: keyways on bottom of bed to jaw plate.  
Guaranteed: 0.02 mm (0.0008")



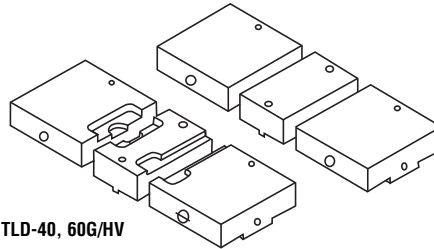
3 Squareness both sides to fixed jaw plate.  
Guaranteed: 0.02 mm (0.0008")



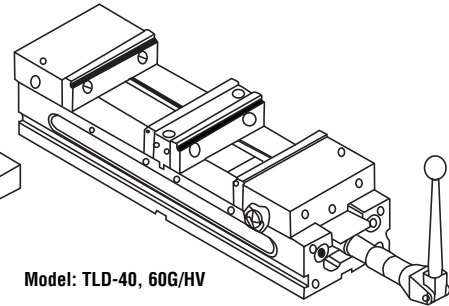
6 Parallelism: running face of the test block to bottom.  
Guaranteed: 0.02 mm (0.0008")



### MACHINABLE FIXTURE JAWS



Soft Jaws for TLD-40, 60G/HV

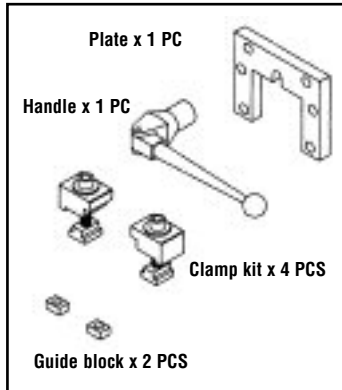


Model: TLD-40, 60G/HV

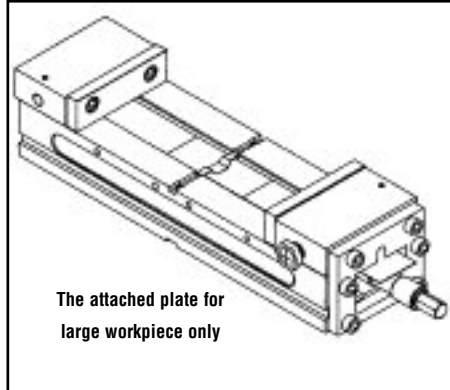
MACHINABLE FIXTURE JAWS		
Description	Code No.	Price \$
4" aluminum soft jaws	382-612	547.60
4" step jaws	382-614	234.90
6" aluminum soft jaws	382-602	836.50
6" step jaws	382-604	269.60

STEEL JAW SETS		
Description	Code No.	Price \$
4" steel jaw set for TLD40	382-615	372.00
6" steel jaw set for TLD60	382-605	471.40

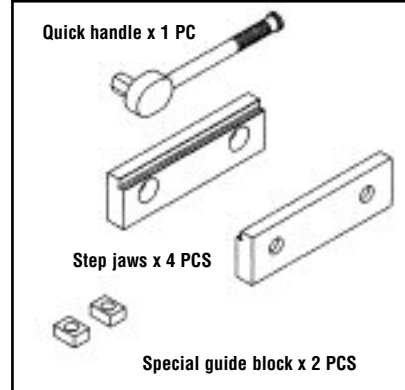
### Standard Accessories



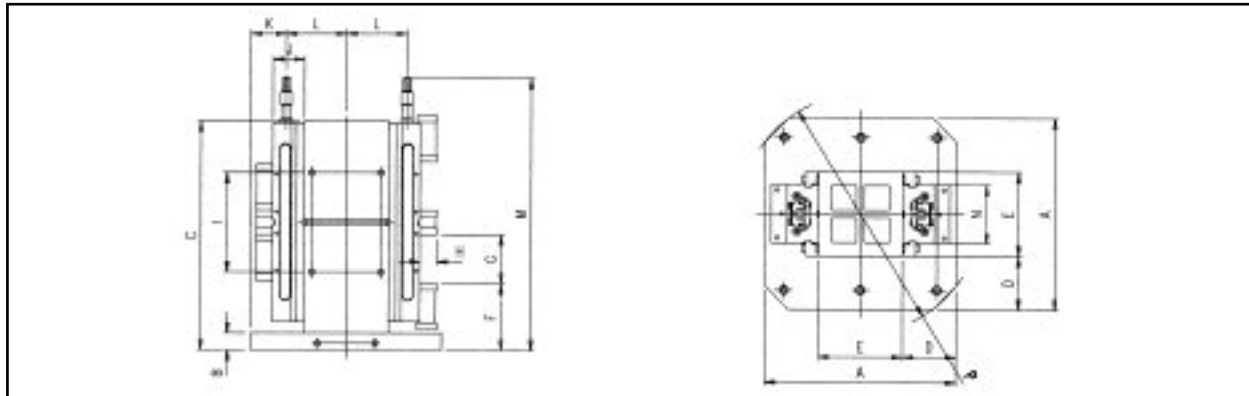
### Usage of "Plate"



### Optional Accessories



### JIG BLOCK



Model NO.	Use Vise	Pallet Size	A	B	C	D	E	F	G	H	I	J	K	L	M	N	P	Weight (lb)
GS-40-4C	TLD-40	400 x 400	400	40	500	110	180	168	90	38	203	63.5	75.5	124.5	543	104	506	118
GS-40-4C	TLD-40	400 x 400	1.74	1.57	19.68	4.33	7.08	6.61	3.54	1.49	7.99	2.5	2.907	4.90	21.3	4.09	19.92	259.6
GS-60-4C	TLD-60	500 x 500	500	45	600	140	220	175	125	44.5	260	82.5	92	158	714	154	628	233
GS-60-4C	TLD-60	500 x 500	19.68	1.77	23.62	5.51	8.66	6.88	4.92	1.75	10.23	3.25	3.62	6.25	28.11	6.02	24.72	512.6