



# PANAVISE® Multi-Angle Vises

These vises are designed around interchangeable bases, base mounts, and heads. Available as preselected combinations or as a combination you custom make for your own work station. They allow you to tilt (180°), turn (360°), and rotate (360°) all from a single knob.

Description	Jaw Width	Max. Opening	Throat Depth	Pipe Capacity	Mfr. Model	ltem No.		
Vise Combinations - Head, Bas	Vise Combinations - Head, Base & Base Mount							
PanaVise Jr. Mini	1 in	2 1/8 in	2 in	1/s in to 3 in	201	3KZK4		
Standard Swivel	2 ½ in	2 ¼ in	1 ¾ in	1 in to 2 in	301	3KZJ9		
Vacuum Base	2 1/2 in	2 1/4 in	1 3⁄8 in	1 in to 2 in	381	3KZK2		
Vacuum Base Jr.	1 in	2 1/8 in	2 in	21/2 in	209	40N526		
Wide Opening Jaw	6 in	6 in	1 55/64 in	1/2 in to 31/2 in	396	3KZK6		
Self-Centering Wide	1 <sup>13</sup> /16 in	9 ¼ in	1 %16 in	1 in	350	40N553		
Opening Jaw								
Electronics Work Station	5∕16 in	12 in	6 3/16 in		324	3KZK8		
Micrometer Multi-Angle Vise	7⁄8 in	1⁄2 in	1 3⁄8 in	—	391	40N565		
Description		Н		Mf W Moo		ltem No.		
Panavise Bases, Heads, and Jaws								

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Swivel Base	3 ¾ in	5 in	300	40N528
Swivel Base, Heavy-Duty	3 ¾16 in	4 1⁄8 in	400	40N567
Swivel Vacuum Base	3 1/2 in	4 1⁄2 in	380	40N561
Weighted Base Mount	1 1/32 in	7 ½ in	308	40N533
Clamp-On Base Mount	10 1⁄8 in	4 %16 in	311	40N535
Tray Base Mount	1⁄2 in	8 7⁄16 in	312	40N536
Magnetic Base Mount	7∕16 in	5 in	335	40N547
Vise Head, Wide Opening	5 1/8 in	1 1 1/8 in	366	40N558
Vise Head, Self-Centering Extra Wide Opening	5 ¼ in	1 13/16 in	376	40N560
Fixturing Head	_	5 ¾ in	337	40N548
Fixturing Head	_	6 in	437	40N568
Vise Head, Circuit Board Holder	10 % in	14 in	315	40N537
Vise Buddy Jr., Bench Vise Attachment	8 5⁄8 in	1 ½ in	207	40N525
Replacement Jaws	—	_	343	40N549
Replacement Grooved Jaws	_	—	344	40N550
Replacement Jaws, TFE	_	_	352	40N554
Replacement Jaws, Steel	—	_	353	40N555
Replacement Jaws, Brass	_	1/2 in	354	40N556
Replacement Jaw Pad	_	_	346	40N551
Replacement Jaw Pad, Nonmarking	—	_	346NM	40N552
Wire Manager	_	_	358	40N557

WESTWARD DESEV

## I Beam Bar, I Bar, and **Parallel Clamps**

I Bar-Feature a rapid-acting clamp locking device. Compressed metal pawl engages in notches which are 3/4" apart in web of slide. 3500 lb. load capacity

Parallel-Suitable where high pressure 90° clamping or spreading is required. Convert from a clamp to spreader without tools. Include jaw face pads, rail protector pads, and removable end stops. 1500 lb, clamping force

	1500 lb. clamping force			
Max. Jaw Opening (in.)	Throat Depth (in.)	Clamp Face (in.)	Brand	ltem No.
I-Beam Bar Cla				
24 in	1 3⁄4	1 <sup>23</sup> / <sub>32</sub> x 1 <sup>7</sup> / <sub>8</sub>	Westward	10D588
36 in	1 3⁄4	1 <sup>23</sup> / <sub>32</sub> x 1 <sup>7</sup> / <sub>8</sub>	Westward	10D590
48 in	1 3⁄4	1 <sup>23</sup> / <sub>32</sub> x 1 <sup>7</sup> / <sub>8</sub>	Westward	10D591
Bar Clamps				
60 in	1 3⁄4	1 <sup>23</sup> ⁄32 x 1 <sup>7</sup> ⁄8	Westward	10D592
I-Beam Bar Cla				
72 in	1 3/4	1 <sup>23</sup> / <sub>32</sub> x 1 <sup>7</sup> / <sub>8</sub>	Westward	10D593
Parallel-Jaw N				
12 in	3 3/4	2 x 3¾	Bessey	450G39
24 in	3 3/4	2 x 3¾	Bessey	450G40
31 in	3 3/4	2 x 3¾	Bessey	450G41
40 in	3 3/4	2 x 3¾	Bessey	450G42
50 in	3 3/4	2 x 3¾	Bessey	450G43
I-Beam Bar Cla				
24 in	2	2 x 2	Bessey	450G44
30 in	2	2 x 2	Bessey	450G45
36 in	2	2 x 2	Bessey	450G46
48 in	2 2 2 2 2 2 2 2 2	2 x 2	Bessey	450G47
60 in	2	2 x 2	Bessey	450G48
72 in	2	2 x 2	Bessey	450G49
84 in	2	2 x 2	Bessey	450G50
96 in		2 x 2	Bessey	450G51
Parallel Clamp	Accessories			
		for extended reach	Bessey	5HXP7
Pivot Jaws, Pl	<. of 2		Bessey	5HXP8
Jaw Protector	s, Pk. of 2		Bessey	5HXP9
Table Mount C				
Clamp-On Vis	e Base, 1 pair		Bessey	5HXR3

GRAINGER

10D590

806

like other clamps. Features tough, powder-coated ductile castings. corrosion-resistant nickel-plated rail, 5 strong clutch plates to aid with gripping the bar stock. strong crank handle, ACME threaded screws with %16' spindle dia., and large, easy-grip handles.

I Beam-Will not bend or twist



52LA96

### BESSEY **QUICK-GRIP**

## **Bar Clamps and Spreaders IRWIN 1-HANDED BAR**

**CLAMPS/SPREADERS** Manufactured with high-tension

I-beams and high-tech resin. Quickchange screw to maneuver from clamp to spreader. Large, removable resin pads. Quick-release trigger.

### **BESSEY 1-HANDED BAR CLAMPS/SPREADERS**

Turn a dial to change function from clamping to spreading. Large, flat clamping jaws have soft pads. Squeeze-molded handle for clamping/spreading.

**BESSEY CLUTCH-STYLE BAR CLAMPS** 

2-pc. clutch plates and nickel-plated serrated rail with ergonomic wood handle help enable clamping in tight spaces. Powder-coated ductile cast-iron jaws have nonmarring pads. Double-Head Clamps provide 3-point clamping for extra stability.

### **BESSEY GSM SERIES BAR CLAMP SET 44ZL53**

Clamps have 2660-lb. nominal change pressure. Set includes 2 of Mfr. GSM20, 2 of Mfr. GSM30, and 2 of Mfr. GSM40.

Cap. (in.)	Throat D	epth Rang	ading e (in.)	Brand	Mfr. Model	ltem No.
	Clamps/Spre					
4 ¼ in	1¼i			rwin Quick-Grip	1964746	52LA9
6 in	<b>2</b> ½ i			rwin Quick-Grip	1964743	52LC0
6 in	31⁄4 i		to 9	Bessey	DU016-8	6XE59
6 in	31⁄4 i			rwin Quick-Grip	1964717	52LA9
6 in	31⁄2 i		o 13½	Bessey	EZS15-8	19C74
6 in	33⁄4 i			rwin Quick-Grip	1964711	52LA8
12 in	21/2 i	n –	- 1	rwin Quick-Grip	1964745	52LC0
12 in	31/4 i	n 3 to	141/2	Bessey	DU030-8	6XE60
12 in	31/4 i	n 7½ to	o 13¾ I	rwin Quick-Grip	1964718	52LA9
12 in	3½ i	n 6½ to	0 191/2	Bessev	EZS30-8	19074
12 in	33/4		0 20 % 1	rwin Quick-Grip	1964712	52LA8
18 in	31/4		181/2	Bessev	DU045-8	6XE6
18 in	31/4	n 7% to	o 25% I	rwin Quick-Grip	1964719	52LA9
18 in	31/2		0 251/2	Bessev	EZS45-8	19074
18 in	33/4			rwin Quick-Grip	1964713	52LA9
24 in	31/4 i		251/2	Bessev	DU065-8	6XE62
24 in	31/4			rwin Quick-Grip	1964720	52LA9
24 in	31/2 i		0 31 1/2	Bessey	EZS60-8	19074
24 in	33/4 i			rwin Quick-Grip	1964714	52LA9
36 in	31/4		0 43 1/4 I	rwin Quick-Grip	1964741	52LA9
36 in	31/2 i		0 43 1/2	Bessev	EZS90-8	19074
36 in	33/4			rwin Quick-Grip	1964715	52LA9
50 in	3%1			rwin Quick-Grip	1964715	52LA9
	Sliding Arm		0.00%	Twitt Quick-Grip	1904710	JZLA9
60 in	Shung Arm		- 70	Deservi	SLV150M	32PJ8
		14 1	to 73	Bessey	SLV 1501VI	32PJ8
Bar Clamp Se		in a Austra		Deserve		44715
	F-Style Slid	ing Arm		Bessey	CLSXHD-SET	44ZL5
Max. Jaw	Clamping		Clampi		Mfr.	ltem
Opening	Capacity	Throat Depth	Force	Brand	Model	No.
Bar Clamps						
12" or less	6 in	2 1/2 in	600 lb		GSCC2.506	19072
12" or less	12 in	2 1/2 in	600 lb		GSCC2.512	19C72
12" or less	12 in	3 1/2 in	1,100		GSCC3.512	19C73
12" or less	12 in	5 in	1,200		GSCC5.012	19C73
13 - 36"	18 in	5 in	1,200		GSCC5.018	19073
13 - 36"	24 in	2 1/2 in	600 lb	Bessey	GSCC2.524	19072
13 - 36"	24 in	5 in	1.200		GSCC5.024	19073
13 - 36"	36 in	2 1/2 in	600 lb		GSCC2.536	19073
<b>Double Head</b>	Bar Clamps	_ /	50012		2.2.2.02.0000	
12" or less	12 in	3 ½ in	400 lb	Bessev	DHBC-12	19C73
13 - 36"	24 in	3 ½ in	400 lb		DHBC-24	19073
13 - 36"	36 in	3 ½ in	400 lb		DHBC-36	19073



Multiple disc clutch provides instant adjustment and quick release. Clamps can be mounted on any length pipe (not included). Include frame, screw, handle, tip, and slide. 4YR40 and 4YR41 have spring lever to prevent slipping.

Description	Brand	ltem No.
1/2" Clutch-Style Pipe Clamp	Westward	4YR40
3/4" Chuck-Style Pipe Clamp	Bessey	32PJ65
3/4" Clutch-Style Pipe Clamp	Westward	4YR41
3/4" Crank H-Style High-Clearance Pipe Clamp	Bessey	19C750
13/4" Traditional Pipe Clamp	Bessey	48ZY81

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