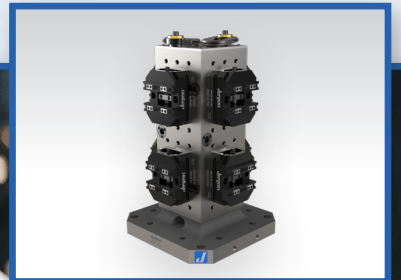




Jergens®

SELF-CENTERING VISES

5-AXIS SELF-CENTERING VISES & ACCESSORIES



OPEN UP YOUR 5-AXIS MACHINING POSSIBILITIES

Jergens self-centering 5-axis vises have been engineered to be the ideal solution for low-profile 5-axis workholding. Available in both 130mm and 75mm widths, they can accommodate a wide array of workpiece sizes. The quick change jaws incorporate a pull down feature to actively minimize jaw lift. Multiple jaw styles make this vise system configurable for most workholding needs - from first operation to finish work.

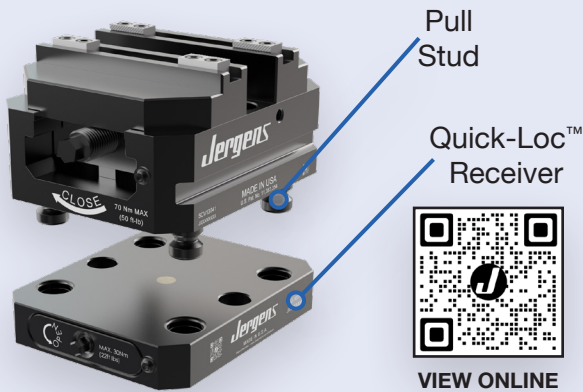
VERSATILE MOUNTING OPTIONS

Vises easily mount to modular fixture platforms, adding to Jergens industry leading selection of quick change fixturing.



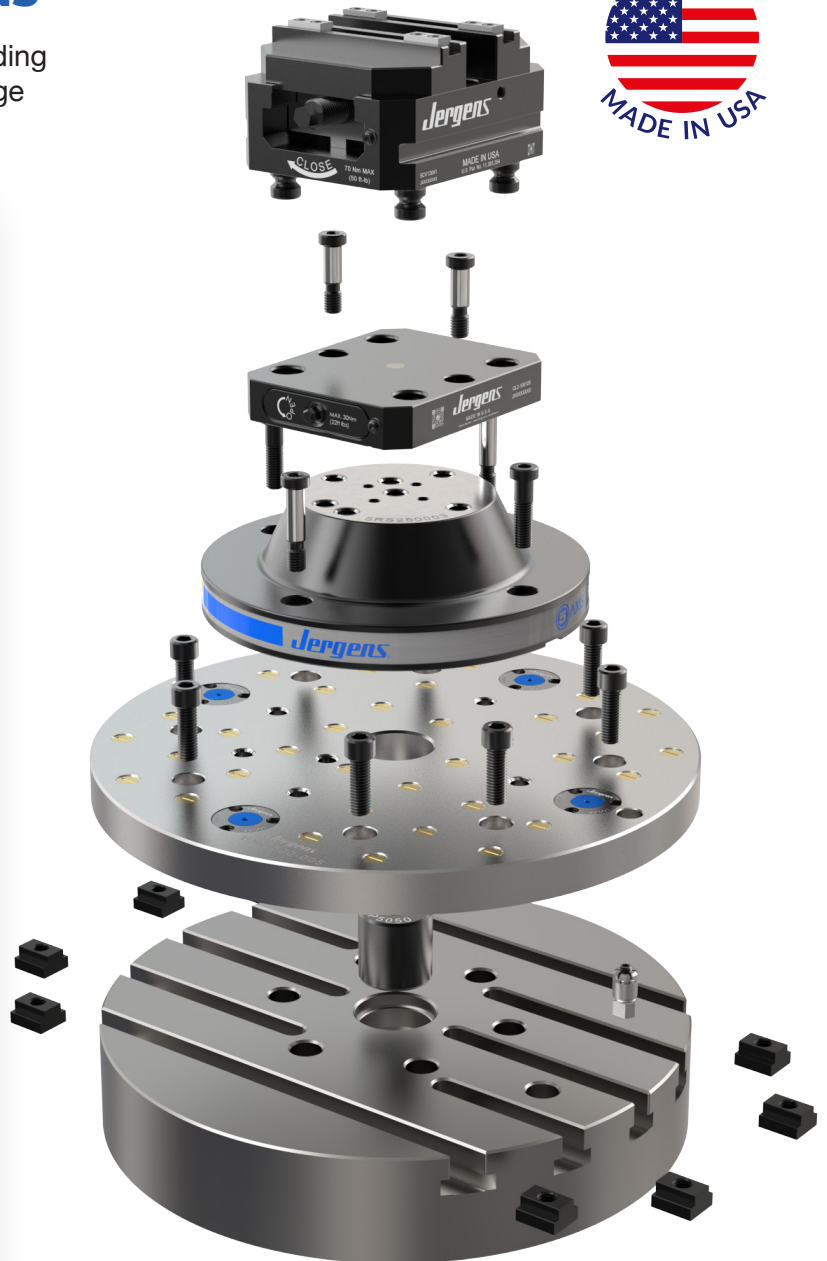
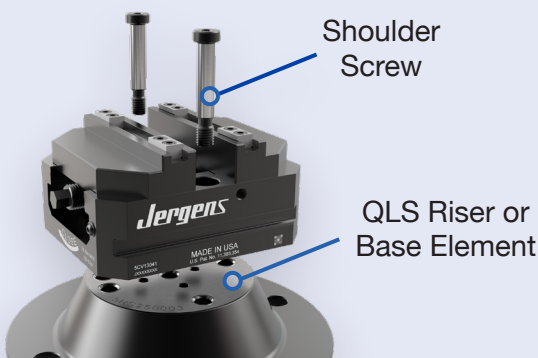
JERGENS QUICK-LOC™

Accurately locate and mount utilizing a 4-pull stud interface on industry standard 52mm or 96mm patterns.



JERGENS QLS (QUICK LOCATING SYSTEM)

Mount with 2 precision shoulder screws to locate and secure vise to Jergens standard bushed and tapped 50mm grid.

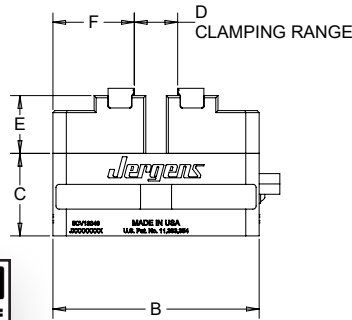


75MM 5-AXIS SELF-CENTERING VISE

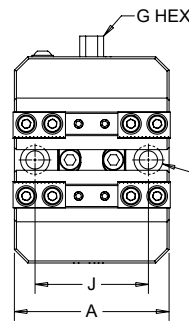
Available in 100mm or 160mm lengths. Clamping Force: 3,500 lbs at 50 ft. lbs. Leadscrew features rolled trapezoidal threads for superior strength and durability. Low friction surface treatment of critical components improves performance and reduces wear. Includes reversible quick change jaws with serrated inserts. Requires adapter plate for mounting on QLS grid or 96mm Quick-Loc™ pattern.



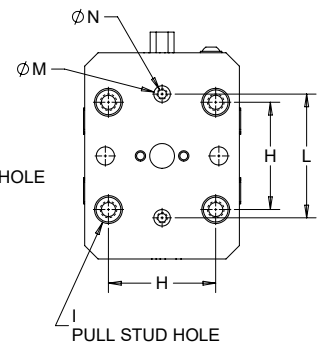
VIEW ONLINE



TOP VIEW



BOTTOM VIEW



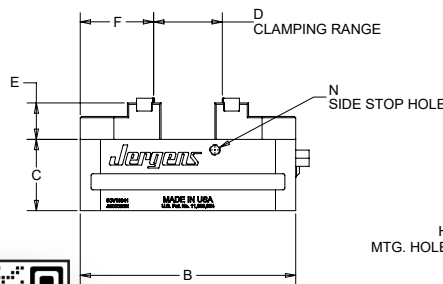
Part Number	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I	J (mm)	K	L (mm)	M (mm)	N	Weight (kg)
5CV13049-IN	75	100	40	12-85	28	39.5	10	52	QL-200800	55	M8 SHCS	60	8F7	M5 x 0.8	3.1
5CV13051-IN	75	160	40	12-145	28	39.5	10	52	QL-200800	55	M8 SHCS	60	8F7	M5 x 0.8	4.0

130MM 5-AXIS SELF-CENTERING VISE

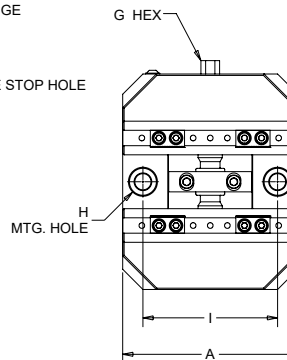
Available in 160mm or 250mm lengths. Clamping Force: 3,600 lbs at 50 ft. lbs. Leadscrew features rolled trapezoidal threads for superior strength and durability. Low friction surface treatment of critical components improves performance and reduces wear. Includes reversible quick change jaws with serrated inserts.



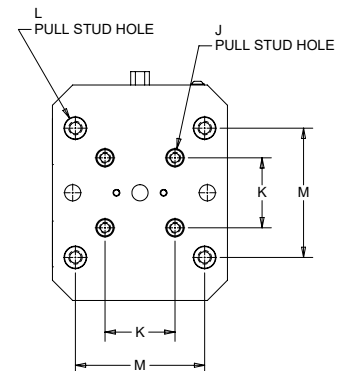
VIEW ONLINE



TOP VIEW



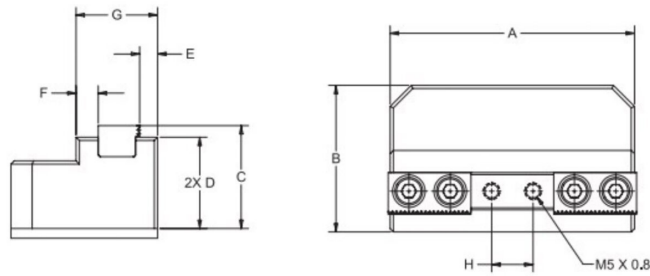
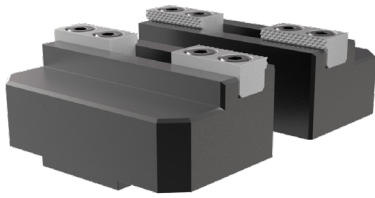
BOTTOM VIEW



Part Number	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H	I (mm)	J	K (mm)	L	M (mm)	N	Weight (kg)
5CV13041-IN	130	160	53	12-150	27	54	12	12mm QLS	100	QL-200800	52	QL-200805	96	M8x1.25	7.4
5CV13045-IN	130	250	53	12-240	27	54	12	12mm QLS	100	QL-200800	52	QL-200805	96	M8x1.25	10.2

JAW OPTIONS & ACCESSORIES

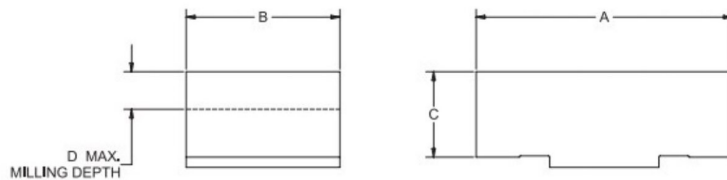
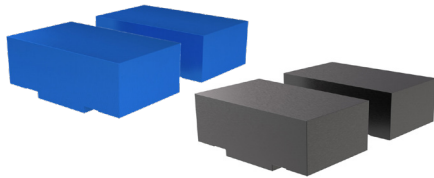
Insert Jaw Sets



- Includes Serrated Inserts
- Alloy Steel Jaw - Thru Hardened
- Alternate Insert Styles Available
- Set includes 2 Jaws

Part Number	Vise Size	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)
5CV13049-INSJ	75	75	45	31.6	28	5.5	6.7	25	12.7
5CV13049-INSJ-L	75	75	45	25.6	22	5.5	6.7	25	12.7
5CV13041-INSJ	130	130	60	30	27	5.5	6.7	25	12.7
5CV13041-INSJ-L	130	130	60	36	33	5.5	6.7	25	12.7

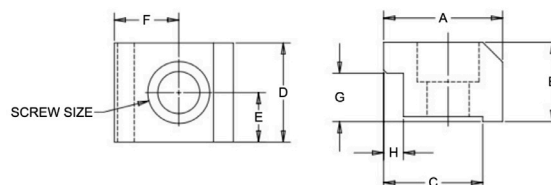
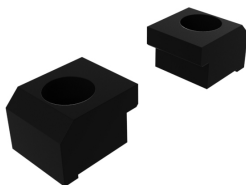
Soft Jaw Sets



- High Strength Aluminum with Blue Anodize Finish or Low Carbon Steel with Black Oxide Finish
- Set includes 2 Jaws

Part Number	Vise Size	A (mm)	B (mm)	C (mm)	D (mm)	Material
5CV13049-ASJ	75	75	45	25	11	Aluminum
5CV13049-ASJ-50	75	75	45	50	36	Aluminum
5CV13049-SSJ	75	75	45	25	11	Steel
5CV13049-SSJ-50	75	75	45	50	36	Steel
5CV13041-ASJ	130	130	74	26	12	Aluminum
5CV13041-ASJ-50	130	130	74	50	36	Aluminum
5CV13041-SSJ	130	130	74	26	12	Steel
5CV13041-SSJ-50	130	130	74	50	36	Steel

Toe Clamp Sets

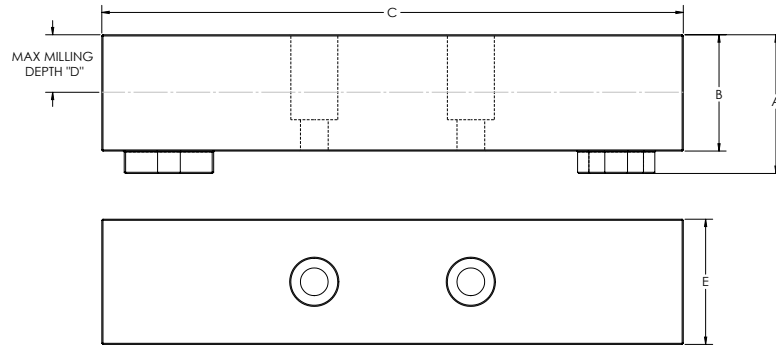


- Clamp Vises Directly to Machine Tables or Fixture Plates
- Low Carbon Steel, Case Hardened, Black Oxide Finish
- Set Includes 2 clamps

Part Number	Vise Size	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	Screw Size
5CV13041-TC	130	38.1	25.4	31.8	31.8	15.9	20.7	15.5	6.4	1/2" or M12
5CV13049-TC	75	31.8	22.2	25.4	25.4	12.7	15.9	13	5.1	3/8" or M10



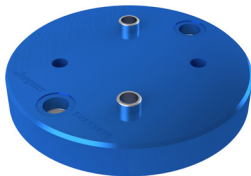
Dual Station Fixed Center Jaw



- Steel Machinable Soft jaw
- Doubles workholding capacity on single vise
- By disengaging the pillow block and allowing the movable jaws to float, workpieces of different sizes can be clamped securely in both jaw openings

Part Number	Compatibility	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
5CV13049-DSSJ	5CV13049-IN ; 5CV13051-IN	30	25	75	13.85	20
5CV13041-DSSJ	5CV13041-IN ; 5CV13045-IN	31	26	130	12.85	28

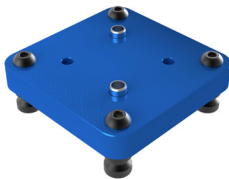
QLS Vise Adapter Plate



Part Number	Weight (kg)
5VA13075	0.7

- Allows Select 52mm Quick-Loc™ Top Tooling to be Mounted with QLS
- Aluminum, Blue Anodized
- Includes Pre-Installed QLS Bushings & Vise Locators
- Includes Vise Mounting Screws

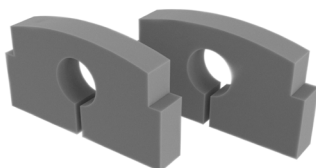
75mm Quick-Loc™ Vise Adapter Plate



Part Number	Weight (kg)
QL-VA52-96	1.04

- Allows Select 52mm Quick-Loc™ Top Tooling to be Mounted on 96mm Quick-Loc™ Pattern
- Aluminum, Blue Anodized
- Includes Pre-Installed Quick-Loc™ Pull Studs and Vise Locators
- Includes Vise Mounting Screws

Lead Screw Chip Protectors



Part Number	Vise Size
5CV13041-CP	130
5CV13049-CP	75

Workstop for 130mm Vise



Part Number
5CV13041-WST

Jergens®

WORLD HEADQUARTERS

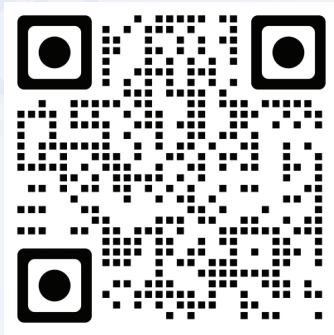
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