

Clamps & Supports

Cole-Parmer® Jiffy-Jack® Lab Jacks**Safely position sample or equipment**

- Easily position equipment or sample with a twist of the knob
- Rugged construction stands up to heavy loads
- Add optional support rod for probes, clamps, or other items



Model 08057-20 supports up to 132 lb (60 kg).

Top plate dimensions	Open height	Closed height	Max support static load	Catalog number	Price
Plastic lab jack					
8" x 8" (20.3 x 20.3 cm)	12" (30.5 cm)	3" (7.6 cm)	15 lb (6 kg)	GY-08055-50	
Aluminum lab jacks					
4" x 4" (10.2 x 10.2 cm)	5" (12.7 cm)	2½" (6.4 cm)	66 lb (30 kg)	GY-08057-10	
6" x 6" (15.2 x 15.2 cm)	9¾" (24.8 cm)	3" (7.6 cm)	132 lb (60 kg)	GY-08057-20	
8" x 8" (20.3 x 20.3 cm)	13" (33.0 cm)	3½" (8.9 cm)	176 lb (80 kg)	GY-08057-30	
10" x 10" (25.4 x 25.4 cm)	13" (33.0 cm)	3½" (8.9 cm)	198 lb (90 kg)	GY-08057-40	
Stainless steel heavy-duty lab jacks					
3" x 3" (7.6 x 7.6 cm)	5" (12.7 cm)	2½" (6.4 cm)	20 lb (9.0 kg)	GY-08057-12	
4" x 4" (10.2 x 10.2 cm)	5" (12.7 cm)	2½" (6.4 cm)	30 lb (13.6 kg)	GY-08057-14	
6" x 6" (15.2 x 15.2 cm)	9¾" (24.8 cm)	3" (7.6 cm)	35 lb (15.8 kg)	GY-08057-16	
8" x 8" (20.3 x 20.3 cm)	13" (33.0 cm)	3½" (8.9 cm)	55 lb (25.0 kg)	GY-08057-18	
10" x 10" (25.4 x 25.4 cm)	13" (33.0 cm)	3½" (8.9 cm)	80 lb (36.3 kg)	GY-08057-22	
12" x 12" (30.5 x 30.5 cm)	19½" (49.5 cm)	4" (10.2 cm)	150 lb (68.0 kg)	GY-08057-24	
16" x 16" (40.6 x 40.6 cm)	19½" (49.5 cm)	4" (10.2 cm)	180 lb (81.6 kg)	GY-08057-26	

[GY-08057-50](#) Ratchet tool adds extra leverage to models 08057-24 and -26

[GY-08057-52](#) Support rod kit allows you to mount a 17" (43.2 cm) L vertical support rod to models 08057-16, -18, -22, -24, and -26

Cole-Parmer® Connectors and Holders

Easily connect rods or clamps to a frame

- Use with 0.5" (12.7 mm) diameter frame rods
- Connectors and holders do not include rods; order separately
- Durable stainless steel connectors and holders offer chemical resistance and increased strength

**A. Regular Holders**

Ideal for holding clamps to lab frames at a 90° angle.



Material	Hold angle	Rod grip range	Catalog number	Price/ea
Nickel-plated zinc	90°	0 to 0.71" (0 to 18 mm)	GY-08041-20	
Stainless steel			GY-08129-84	

B. Jumbo Holders

Ideal for holding clamps or ring stands to lab frames at a 90° angle.



Material	Hold angle	Rod grip range	Catalog number	Price/ea
Aluminum	90°	0 to 0.83" (0 to 21 mm)	GY-08041-22	
Stainless steel			GY-08021-62	

C. Heavy-Duty Holder

Designed with over-sized knobs for extra leverage when securing larger apparatus such as stirrers to a lab frame.



Material	Hold angle	Rod grip range	Catalog number	Price/ea
Aluminum	90°	0.24" to 0.95" (6 to 24 mm)	GY-04340-50	

D. Swivel Holders

Use when more than one angle is needed. Connect two rods and adjust as needed.



Material	Hold angle	Rod grip range	Catalog number	Price/ea
Nickel-plated zinc	Any	0 to 0.75" (0 to 19 mm)	GY-08041-14	
Stainless steel			GY-08129-94	

E. All-Position Clamp Holder

Holder allows you to connect rods at any angle in any plane—versatile enough for changing applications.



Material	Hold angle	Rod grip range	Catalog number	Price/ea
Nickel-plated zinc	Any	0 to 0.75" (0 to 19 mm)	GY-08041-16	

F. Hook Connectors

Connectors allow easy one-handed assembly of two components with one adjustment screw.



Material	Hold angle	Rod grip range	Catalog number	Price/ea
Nickel-plated zinc	90°	0 to 0.5" (0 to 12.7 mm)	GY-08041-30	
Stainless steel			GY-08021-60	

Cole-Parmer® Connectors and Holders (continued)



G. End-to-End Connector

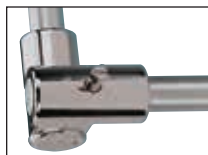
Lets you connect two rods end-to-end when a longer rod length is needed.



Material	Hold angle	Rod grip range	Catalog number	Price/ea
Aluminum	Straight	0 to 0.5" (0 to 12.7 mm)	GY-08041-18	

H. Rod End Connectors

Ideal for mounting lab frame rods to form a corner, while holding rods firmly at a 90° angle. Connectors are precision bored for a close fit. Include two set screws.



Material	Hold angle	Rod grip range	Catalog number	Price/ea
Nickel-plated zinc	90°	0 to 0.5" (0 to 12.7 mm)	GY-08041-34	
Stainless steel			GY-08129-87	

I. S-Connectors

"S" shape allows you to connect two perpendicular rods at a 90° angle—ideal for constructing lab frames or clamp supports. Connectors feature separate adjustment screws for each rod location.



Material	Hold angle	Rod grip range	Catalog number	Price/ea
Nickel-plated zinc	90°	0 to 0.5" (0 to 12.7 mm)	GY-08041-36	
Stainless steel			GY-08021-58	

J. Frame Connector

Designed for constructing lab frames in a lattice pattern, the small size will help maximize space. Smooth, rounded surface is easy to clean. Included angled adjustment screws permit simple setup and prevent misalignment.



Material	Hold angle	Rod grip range	Catalog number	Price/pk of 12
Aluminum	90°	0 to 0.5" (0 to 12.7 mm)	GY-08041-32	

K. Universal Stirrer Mounting Bracket

Use for mounting most stirrers and other devices to lab frames or clamp stands. Includes aluminum mounting bracket with attachment screws. Maximum load is 5 lb (2.3 kg).



Material	Rod grip range	Max mounted weight	Catalog number	Price/ea
Aluminum	0 to 0.78" (0 to 20 mm)	5 lb (2.3 kg)	GY-08041-40	

L. Multirod Connector

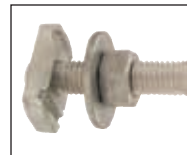
Accommodates up to six rods, allowing for maximum versatility with one connector. The large oval center hole holds two rods firmly in place; tighten the two adjustment screws to prevent turning. Use the side and front holes to build a variety of configurations.



Material	Rod grip range	Catalog number	Price/ea
Nickel-plated zinc	0 to 0.5" (0 to 12.7 mm)	GY-08041-12	

M. Horizontal Mounting Bars with Coupler

Specifically designed to fasten lab frame rods to steel channels by using a threaded end for direct installation into channel. Includes spring coupler and locking nut. For use with 1.61" (41 mm) thick channels.



Material	Length	Catalog number	Price/ea
Nickel-plated zinc	2" (51 mm)	GY-08041-02	
	4" (102 mm)	GY-08041-04	
	6" (152 mm)	GY-08041-06	
	8" (203 mm)	GY-08041-08	

N. Lab Frame Feet

Feet let you permanently mount lab frames directly to the wall, floor, or benchtop for increased stability. Foot measures 1 1/4" high x 2 3/4" diameter (32 x 70 mm) and includes three mounting screws.



Material	Rod grip range	Catalog number	Price/ea
Nickel-plated zinc	0 to 0.5" (0 to 12.7 mm)	GY-08041-38	
Stainless steel		GY-08021-64	

Cole-Parmer® Rods for Laboratory Frames

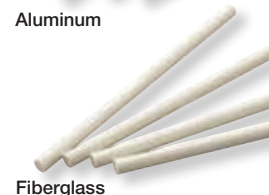


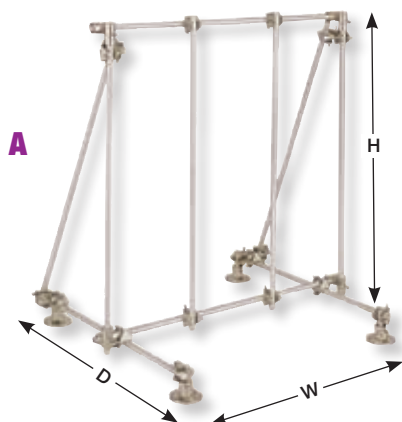
Customize your frame for your application

– Combine these 0.5" (12.7 mm) rods with frame connectors to build your own frame

Choose from three different corrosion-resistant rod materials. Centerless cast aluminum will not corrode or rust; grooved ends allow for easy and smooth fitting together of components. Fiberglass is structurally strong and resilient to clamp compression scars; will not corrode or rust. Heavy-duty 303 stainless steel provides maximum strength and durability.

Rod diameter	Rod length	Aluminum		Fiberglass		Stainless steel	
		Cat. no.	Price/ea	Cat. no.	Price/ea	Cat. no.	Price/ea
0.5" (12.7 mm)	1.6" (4.1 cm)	GY-08025-60		GY-08126-06		GY-08040-60	
	2" (5.1 cm)	GY-08025-62		GY-08126-07		GY-08040-62	
	6" (15.2 cm)	GY-08025-64		GY-08126-08		GY-08040-64	
	12" (30.5 cm)	GY-08025-66		GY-08126-09		GY-08040-66	
0.5" (12.7 mm)	18" (45.7 cm)	GY-08025-68		GY-08126-10		GY-08040-68	
	24" (61.0 cm)	GY-08025-70		GY-08126-11		GY-08040-70	
	36" (91.4 cm)	GY-08025-72		GY-08126-12		GY-08040-72	
	48" (121.9 cm)	GY-08025-74		GY-08126-13		GY-08040-74	
0.5" (12.7 mm)	60" (152.4 cm)	GY-08025-76		GY-08126-14		GY-08040-76	
	72" (182.9 cm)	GY-08025-78		GY-08126-15		GY-08040-78	
	96" (243.8 cm)	GY-08025-80		GY-08126-16		GY-08040-80	





B



C



D



Cole-Parmer® Laboratory Frame Sets Won't corrode



– Custom fit any laboratory with the right frame kit for your application

Choose from three different frame materials. Centerless cast aluminum will not corrode or rust; grooved ends allow for easy and smooth fitting together of components. Fiberglass is structurally strong and resilient to clamp compression scars; will not corrode or rust. Heavy-duty 303 stainless steel provides maximum strength and durability.

Frame sets come prepackaged with rods, connectors, and lab frame feet to accommodate all your clamp and apparatus needs. To customize sets, choose connections and holders on page 156-157 and rods on page 160.

A. Small Lab Frame Sets

Ideal for small laboratories where space is limited. Vertical mounting; base can be permanently mounted to a benchtop for added stability. Includes:

- | | |
|------------------------------|--------------------------------|
| (8) Rods, 2" (5.1 cm) long | (18) S-connectors |
| (2) Rods, 18" (45.7 cm) long | (4) Rod end connectors |
| (8) Rods, 24" (61.0 cm) long | (4) Lab frame feet with screws |

Material	Frame size (W x H)	Base (D)	Catalog number	Price
Aluminum	24 x 24"	18"	GY-08025-10	
Fiberglass	(61.0 x 61.0 cm)	(45.7 cm)	GY-08126-17	
Stainless steel			GY-08040-10	

B. Medium Lab Frame Sets

Ideal for distillation or general setup. Horizontal or vertical mounting; base can be permanently mounted to a benchtop for added stability. Includes:

- | | |
|-------------------------------|--------------------------------|
| (8) Rods, 2" (5.1 cm) long | (35) S-connectors |
| (2) Rods, 18" (45.7 cm) long | (4) Rod end connectors |
| (7) Rods, 24" (61.0 cm) long | (4) Lab frame feet with screws |
| (4) Rods, 48" (121.9 cm) long | |

Material	Frame size (W x H)	Base (D)	Catalog number	Price
Aluminum	48" x 24"	18"	GY-08025-20	
Fiberglass	(121.9 x 61.0 cm)	(45.7 cm)	GY-08126-18	
Stainless steel			GY-08040-20	

C. Large Lab Frame Sets

Ideal for complex glassware setups. Vertical mounting; base can be permanently mounted to a benchtop for added stability. Includes:

- | | |
|--------------------------------|--------------------------------|
| (10) Rods, 2" (5.1 cm) long | (38) S-connectors |
| (3) Rods, 18" (45.7 cm) long | (4) Rod end connectors |
| (2) Rods, 36" (91.4 cm) long | (4) Lab frame feet with screws |
| (10) Rods, 48" (121.9 cm) long | |

Material	Frame size (W x H)	Base (D)	Catalog number	Price
Aluminum	48" x 48"	18"	GY-08025-30	
Fiberglass	(121.9 x 121.9 cm)	(45.7 cm)	GY-08126-19	
Stainless steel			GY-08040-30	

D. Extra-Large Lab Frame Sets

Ideal for complex glassware setups. Horizontal or vertical mounting; base can be permanently mounted to a wall or floor for added stability. Includes:

- | | |
|-------------------------------|--------------------------------|
| (6) Rods, 2" (5.1 cm) long | (5) Rods, 72" (182.9 cm) long |
| (6) Rods, 12" (30.5 cm) long | (45) S-connectors |
| (2) Rods, 24" (61.0 cm) long | (4) Rod end connectors |
| (7) Rods, 48" (121.9 cm) long | (8) Lab frame feet with screws |

Material	Frame size (W x H)	Base (D)	Catalog number	Price
Aluminum	72" x 48"	12"	GY-08025-40	
Fiberglass	(182.9 x 121.9 cm)	(30.5 cm)	GY-08126-20	
Stainless steel			GY-08040-40	

Cole-Parmer® Laboratory Support Stands

Stable, adjustable support

Light-Duty Support Stand features a rectangular, 5.5-lb (2.3-kg) weighted base. Rod (one included) can be placed in the center or end of the base. Both base and rod are polypropylene.

Standard Support Stands are made entirely of 303 stainless steel. Sturdy, "U"-shaped base accommodates vessels up to 18" (45.7 cm) in diameter. Base accepts up to three rods; a center rod and one rod per leg. One rod is included.

Heavy-Duty Support Stands feature a corrosion-resistant, electropolished cast-iron base which accommodates vessels up to 12" (30.5 cm) in diameter. Each of the four legs rests on a rubber cushion for added stability. One 303 stainless steel rod is included.

Burette Support Stands feature a rectangular weighted base encased in porcelain. Rod (one included) can be placed in the center of the base. Rod is available in either aluminum or stainless steel.

Base		Support rod			Catalog number	Price	Additional rods	
Material	Dimensions (W x D)	Material	Diameter	Length			Catalog number	Price
A. Light-duty support stand								
Polypropylene (weighted)	12" x 8" (30.5 x 20.3 cm)	Polypropylene	0.5" (12.7 mm)	30½" (78.2 cm)	GY-06703-00		—	
B. Standard support stand								
Stainless steel	17¾" x 10½" (45.1 x 26.7 cm)	Stainless steel	0.63" (16 mm)	23" (58.4 cm)	GY-08129-01		GY-08129-76	
				28" (71.1 cm)	GY-04344-00		GY-04344-10	
				36" (91.4 cm)	GY-08129-02		GY-08129-77	
				40" (101.6 cm)	GY-08129-03		GY-08129-78	
				48" (121.9 cm)	GY-08129-04		GY-08129-79	
				60" (152.4 cm)	GY-08129-05		GY-08129-81	
C. Heavy-duty support stands								
Cast iron	16½" x 12" (41.9 x 30.5 cm)	Stainless steel	0.63" (16 mm)	18" (45.7 cm)	GY-08021-80		GY-08129-73	
				23" (58.4 cm)	GY-08126-23		GY-08129-76	
				28" (71.1 cm)	GY-08126-24		GY-04344-10	
				36" (91.4 cm)	GY-08126-25		GY-08129-77	
				40" (101.6 cm)	GY-08126-26		GY-08129-78	
				48" (121.9 cm)	GY-08126-27		GY-08129-79	
				60" (152.4 cm)	GY-08126-28		GY-08129-81	
D. Burette support stands								
Porcelain (weighted)	7 x 13" (17.8 x 33 cm)	Aluminum	0.5" (12.7 mm)	22¾" (57.8 cm)	GY-08022-50		GY-08129-00	
		Stainless steel			GY-08129-98		GY-08129-99	

GY-08129-83 Stabilizer knobs for standard support stands only. Use to secure the stand to a benchtop by attaching the knobs to the two threaded holes in the base leg. Pack of 2

Cole-Parmer® Heavy-Duty Laboratory Support Bases and Rods

Customizable and corrosion-resistant

All bases are made from corrosion-resistant electropolished cast iron and feature a built-in support rod holder with locking knob that accepts a 0.5" (12.7 mm) diameter rod. Choose from three base shapes. The rectangular base is the heaviest base, plus the sample sits directly on the base increasing stability and providing a durable work surface. The tripod base has a centrally located rod holder and the three legs provide excellent stability. The "U"-shaped base accepts three rods.

Cast Iron Support Bases

Base shape	Base area	Catalog number	Price
Rectangular	4" x 6" (10.2 x 15.2 cm)	GY-08129-44	
	5" x 8" (12.7 x 20.3 cm)	GY-08129-45	
	6" x 9" (15.2 x 22.9 cm)	GY-08129-46	
	8" x 10" (20.3 x 25.4 cm)	GY-08129-47	
Tripod	6" (15.2 cm)	GY-08129-48	
U-shaped	7" x 7" (17.8 x 17.8 cm)	GY-08129-49	

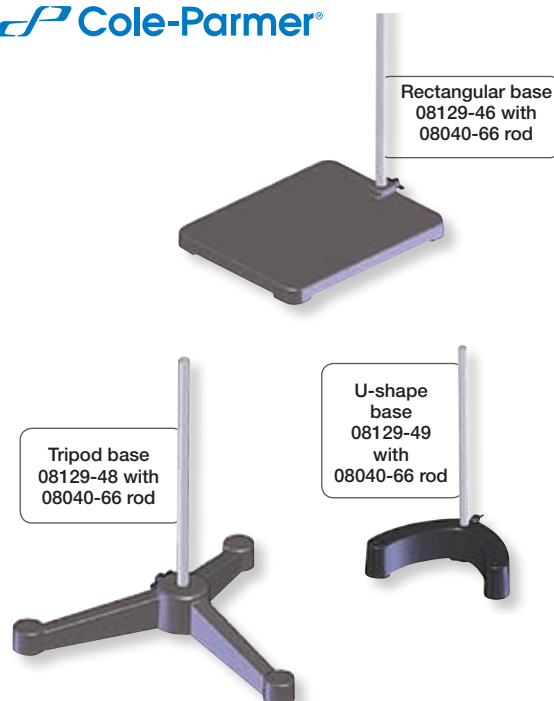
Support Rods, 0.5" (12.7 mm) diameter

Rod length	Stainless steel		Aluminum	
	Catalog number	Price	Catalog number	Price
12" (30.5 cm)	GY-08040-66		GY-08025-66	
18" (45.7 cm)	GY-08040-68		GY-08025-68	
24" (61.0 cm)	GY-08040-70		GY-08025-70	
36" (91.4 cm)	GY-08040-72		GY-08025-72	

Cole-Parmer®



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Cole-Parmer® Utility Clamps

Don't let samples tip over



- Securely hold your flasks, beakers, and burettes
- Available in nickel-plated zinc or stainless steel construction—choose stainless steel for high chemical resistance and increased strength
- Choose single adjustment for standard use or dual adjustment for greater flexibility over a wider range
- Supplied with red nonslip vinyl sleeves and black fiberglass sleeves for temperatures above 212°F (100°C)

Note: To install utility clamps “A” through “C” to lab frames, support stands, and other apparatus, you will need to purchase a connector or holder that accepts a 0.5" (12.7 mm) dia rod; order separately at ColeParmer.com.

A. Two-Prong Extension Clamps

- Ideal for cylinder type labware

Type	Material	Grip range	Overall length	Catalog number	Price
Single adjustment	Nickel-plated zinc	0 to 3.07" (0 to 7.8 cm)	8.5" (21.6 cm)	GY-08021-42	
		0 to 3.62" (0 to 9.2 cm)	9.02" (22.9 cm)	GY-08021-44	
Dual adjustment	Nickel-plated zinc	0 to 2.95" (0 to 7.5 cm)	9.02" (22.9 cm)	GY-08021-46	
		0 to 3.74" (0 to 9.5 cm)	9.76" (24.8 cm)	GY-08021-48	
Dual adjustment	Stainless steel	0 to 2.95" (0 to 7.5 cm)	9.02" (22.9 cm)	GY-08129-71	
		0 to 3.74" (0 to 9.5 cm)	9.76" (24.8 cm)	GY-08129-88	

B. Three-Prong Extension Clamps

- Ideal for irregularly shaped objects

Type	Material	Grip range	Overall length	Catalog number	Price
Single adjustment	Nickel-plated zinc	0 to 1.54" (0 to 3.9 cm)	6.3" (16.0 cm)	GY-08021-22	
		0 to 2.8" (0 to 7.1 cm)	8.58" (21.8 cm)	GY-08021-24	
		0 to 4.25" (0 to 10.8 cm)	9.76" (24.8 cm)	GY-08021-26	
Dual adjustment	Nickel-plated zinc	0 to 1.81" (0 to 4.6 cm)	6.61" (16.8 cm)	GY-08021-32	
		0 to 2.72" (0 to 6.9 cm)	9.02" (22.9 cm)	GY-08021-34	
			16" (40.6 cm)	GY-08021-35	
Dual adjustment	Stainless steel	0 to 4.13" (0 to 10.5 cm)	10.75" (27.3 cm)	GY-08021-36	
		0 to 1.9" (0 to 4.8 cm)	17.76" (45.1 cm)	GY-08021-37	
		0 to 2.72" (0 to 6.9 cm)	6.77" (17.2 cm)	GY-08021-52	
Dual adjustment	Stainless steel	0 to 2.72" (0 to 6.9 cm)	9.02" (22.9 cm)	GY-08021-54	
		0 to 4" (0 to 10.2 cm)	10.75" (27.3 cm)	GY-08021-56	

C. Closed-Yoke, Three-Prong Extension Clamps

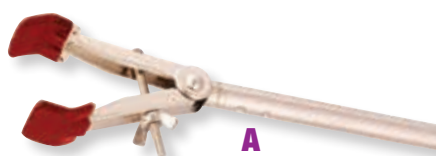
- Closed-yoke design allows use of clamp's full depth—no springs or internal workings to get in the way—and it's easier to clean and decontaminate

Type	Material	Grip range	Overall length	Catalog number	Price
Single adjustment	Nickel-plated zinc	0 to 0.91" (0 to 2.3 cm)	6.38" (16.2 cm)	GY-08021-04	
		0 to 1.97" (0 to 5.0 cm)	9.02" (22.9 cm)	GY-08021-02	
		0 to 2.83" (0 to 7.2 cm)	10.24" (26.0 cm)	GY-08021-00	
Dual adjustment	Nickel-plated zinc	0 to 1.26" (0 to 3.2 cm)	5.98" (15.2 cm)	GY-08021-12	
		0 to 2.76" (0 to 7.0 cm)	8.74" (22.2 cm)	GY-08021-14	
		0 to 4.06" (0 to 10.3 cm)	10.24" (26.0 cm)	GY-08021-16	

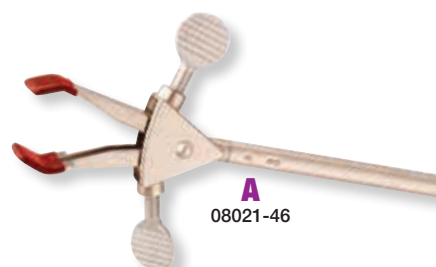
D. Fixed-Position Clamps

- One-piece clamps hold your labware at a fixed 90° angle for precise alignment of burettes, thermometers, and reflux condensers
- Integral connector accepts rods up to 0.75" (19 mm) in diameter

Type	Material	Grip range	Overall length	Catalog number	Price
Two-prong, single adjustment	Nickel-plated zinc	0 to 3.03"	5.24"	GY-08022-00	
	Stainless steel	(0 to 7.7 cm)	(13.3 cm)	GY-08129-96	
Three-prong, dual adjustment	Nickel-plated zinc	0 to 2.72"	5.75"	GY-08022-02	
	Stainless steel	(0 to 6.9 cm)	(14.6 cm)	GY-08129-95	



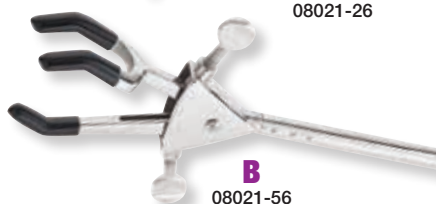
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08021-42



A
08021-46



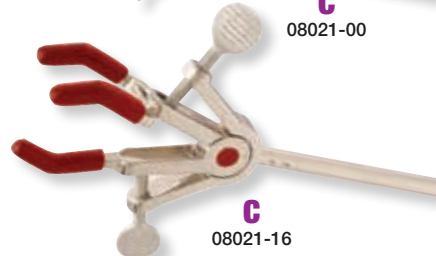
B
08021-26



B
08021-56



C
08021-00



C
08021-16



D
08022-00



D
08129-95

Cole-Parmer® Specialty and Support Clamps

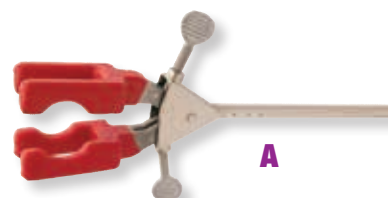
Secure support for your equipment

– Available in nickel-plated zinc or stainless steel construction—choose stainless steel for high chemical resistance and increased strength

A. Heavy-Duty Tapered Clamps

These four-prong, dual-adjust tapered clamps are designed to hold large vessels with ground glass joint necks. Include vinyl prong sleeves. **Note:** To install clamps to lab frames, support stands, and other apparatus, you will need to purchase a connector or holder that accepts a 0.5" (12.7 mm) dia rod; order separately on pages 156–157.

Type	Material	Size	Max joint size	Prong width	Arm length	Overall length	Catalog number	Price
Four-prong, dual adjustment	Nickel-plated zinc	Small	24/40 mm	0.63" (16 mm)	9.02" (22.9 cm)	14" (35.6 cm)	GY-08047-60	
		Large	34/45 mm	0.75" (19 mm)		15" (38.1 cm)	GY-08047-65	



B. Column Clamps

Ideal for large cylindrical glassware and similar labware. The large, flat thumbscrew/worm-drive provides a firm hold. **Note:** To install clamps to lab frames, support stands, and other apparatus, you will need to purchase a connector or holder that accepts a 0.5" (12.7 mm) dia rod; order separately on pages 156–157.

Material	Size	Grip range diameter	Arm length	Arm diameter	Overall length	Catalog number	Price
Stainless steel	Small	2.56" to 3.5" (65 to 89 mm)	8.31" (21.1 cm)	0.43" (1.1 cm)	11.1" (28.2 cm)	GY-08060-10	
	Medium	3.58" to 4.49" (91 to 114 mm)			12.4" (31.5 cm)	GY-08062-10	
	Large	2.52" to 5.51" (64 to 140 mm)			13.31" (33.8 cm)	GY-08064-10	
	X-large	3.62" to 6.5" (92 to 165 mm)			14.49" (36.8 cm)	GY-08066-10	



C. Nester Extension Clamp

Securely holds your glass distillation columns, odd-shaped glassware, and most other labware. **Note:** To install clamp to lab frames, support stands, and other apparatus, you will need to purchase a connector or holder that accepts a 0.5" (12.7 mm) dia rod; order separately on pages 156–157.

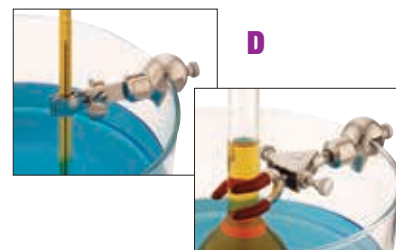
Material	Grip range	Arm length	Arm diameter	Overall length	Catalog number	Price
Nickel-plated zinc with stainless steel rod	1.97" to 4" (50 to 102 mm)	5.98" (15.2 cm)	0.39" (1 cm)	10.32" (26.2 cm)	GY-08023-50	



D. Water Bath Clamps

These C-shaped clamps with thumbscrew attach securely to your bath wall, up to a 0.43" (11 mm) thickness. Two-prong clamp has one adjustment screw to hold delicate glassware. Three-prong clamp has two adjustment screws for greater flexibility over a wider range and includes both slip-on vinyl and fiberglass sleeves.

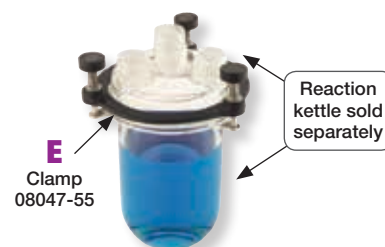
Type	Material	Size	Grip range	Fits wall thickness	Overall length	Catalog number	Price
Two-prong	Nickel-plated zinc	Small	0.2" to 0.39" (5 to 10 mm)	Up to 0.43" (1.1 cm)	3.5" (8.9 cm)	GY-08043-12	
Three-prong		Large	0 to 1.81" (0 to 46 mm)	Up to 0.43" (1.1 cm)	4.61" (11.7 cm)	GY-08043-10	



E. Kettle Closure Clamps

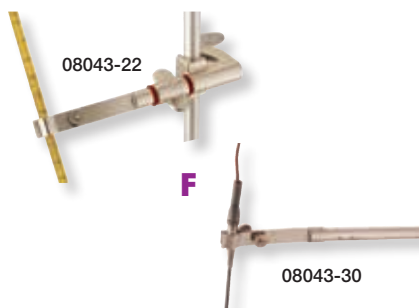
Designed for use with reaction kettles to hold both the flask and cover firmly together. Clamps feature insulated spring-activated clamping arms. **Note:** To install the kettle system to lab frames and support stands, you will need to purchase a connector or holder that accepts a 0.5" (12.7 mm) dia rod; order separately on pages 156–157.

Material	For flask size	Inside diameter	Catalog number	Price
Nickel-plated zinc	500 mL, 1000 mL	4.92" (12.5 cm)	GY-08047-50	
	2000 mL, 3000 mL, 4000 mL	5.59" (14.2 cm)	GY-08047-55	



See next page for more...

Cole-Parmer® Specialty and Support Clamps (continued)



F. Thermometer Clamps

Double-sided opening mechanism allows jaws to spread evenly and easily to secure delicate glassware such as glass thermometers. Swivel model 08043-22 allows the clamp to turn 360°. Both clamps have an integral connector.

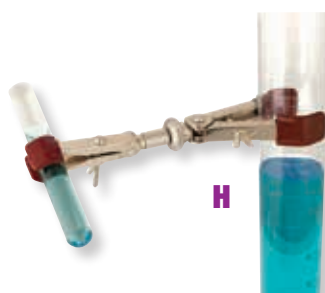
Type	Material	Grip range	Arm length	Overall length	Catalog number	Price
Swivel	Nickel-plated zinc	0.24" to 0.32" (6 to 8 mm)	—	6.24" (15.8 cm)	GY-08043-22	
Extension	zinc	0.24" to 0.47" (6 to 12 mm)	5" (12.7 cm)	8.27" (21 cm)	GY-08043-30	



G. Swivel Clamps

Ideal for cylindrical-shaped labware. Swivel action allows a full 360° adjustment. Clamps have integral connector and include both slip-on vinyl and fiberglass sleeves.

Type	Material	Size	Grip range	Overall length	Catalog number	Price
Two-prong, single adjustment	Nickel-plated zinc	Medium	0 to 3" (0 to 76 mm)	6.06" (16.3 cm)	GY-08047-02	
		Large	0 to 3.74" (0 to 95 mm)	7.125" (18 cm)	GY-08047-04	
	Stainless steel	Medium	0 to 3" (0 to 76 mm)	6.06" (16.3 cm)	GY-08129-92	
Three-prong, dual adjustment	Nickel-plated zinc	Medium	0 to 2.72" (0 to 69 mm)	6.06" (16.3 cm)	GY-08047-06	
	Stainless steel	Medium	0 to 2.72" (0 to 69 mm)	6.06" (16.3 cm)	GY-08129-91	



H. Double-Jaw Swivel Clamp

This unique clamp features a jaw on each side of the clamp and swivel action that allows for a 360° adjustment radius. The clamp features a medium two-prong jaw on one end and a larger two-prong jaw on the other end. Use to hold two different-sized objects, or to have one side attached to a stationary support and the other side supporting an object. Both slip-on vinyl and fiberglass sleeves are included.

Type	Material	Grip range	Prong width	Overall length	Catalog number	Price
Medium two-prong jaw and large two-prong jaw	Nickel-plated zinc	Medium jaw: 0 to 3" (0 to 76 mm); large jaw: 0 to 3.74" (0 to 95 mm)	0.91" (23 mm)	8.74" (22.2 cm)	GY-08027-12	



I. Chain Clamps

These clamps firmly hold circular and irregularly shaped apparatus. Feature a quick slip-on-chain connection, a large easy-to-turn adjustment knob, and an integral connector. Both slip-on vinyl and fiberglass sleeves are included.

Note: To install clamps to lab frames, support stands, and other apparatus, you will need to purchase a connector or holder that accepts a 0.5" (12.7 mm) dia rod; order separately on pages 156–157.

Material	Size	Grip range	Arm length	Overall length	Catalog number	Price
Nickel-plated zinc	Small	1.38" to 6.69" (35 to 170 mm)	5" (12.7 cm)	7.4" (18.8 cm)	GY-08047-32	
	Large	1.38" to 11.02" (35 to 280 mm)	5" (12.7 cm)	8.11" (20.6 cm)	GY-08047-34	
	Large, extended	1.38" to 11.02" (35 to 280 mm)	12" (30.5 cm)	15.12" (38.4 cm)	GY-08047-36	
Stainless steel	Large	1.38" to 11.02" (35 to 280 mm)	5" (12.7 cm)	8.11" (20.6 cm)	GY-08129-89	



J. Electrode Support Clamp

Ideal for potentiometric titrations, this clamp is designed to suspend your electrode at the desired level and angle. Features an integral connector.

Material	Overall length	Catalog number	Price
Nickel-plated zinc	7" (17.8 cm)	GY-08027-06	

See previous page for more...

K. Suspension Clamp

Ideal for suspending thermometers, potash bulbs, or drying tubes. Clamp features integral connector.

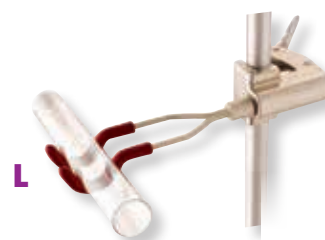
Type	Material	Overall length	Catalog number	Price
Fixed	Nickel-plated zinc	5.39" (13.7 cm)	GY-08027-08	



L. Two-Prong Support Clamp

Supports your electrolysis apparatus, glass rods, or tubing at any angle. Clamp features an integral connector and includes both slip-on vinyl and fiberglass sleeves.

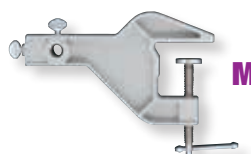
Type	Material	Grip range	Overall length	Catalog number	Price
Two-prong, single adjustment	Nickel-plated zinc	1" (25 mm)	5.99" (15.2 cm)	GY-08027-10	



M. Bench/Shelf Clamp

Designed to affix to a bench or shelf up to 2" (51 mm) thick. Clamp has an integral connector and accepts two 0.5" (12.7 mm) rods; one held vertical and one held horizontal. Maximum load is 150 lb (68 kg).

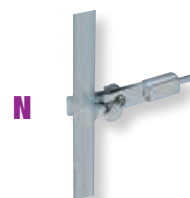
Material	Fits shelf thickness	Overall length	Catalog number	Price
Nickel-plated zinc	Up to 2" (51 mm)	7.75" (19.7 cm)	GY-08050-00	



N. Wall Clamp

Clamp has an integral, self-tapping screw designed to mount directly into a wall on one end and a clamp on the other end for attaching to a frame rod.

Type	Material	Grip range	Overall length	Catalog number	Price
Fixed	Nickel-plated zinc	0.2" to 0.39" (5 to 10 mm)	3.15" (8 cm)	GY-08027-00	



O. Open Rings

Ideal for safely supporting leveling bulbs, funnels, and other irregular-shaped labware. Open ring design minimizes risk of glassware breakage; choose PVC-coated rings for additional safety. Order clamp separately.

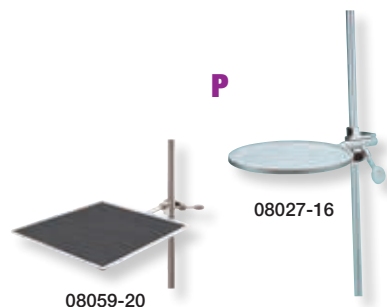
Type	Material	Ring diameter	Arm diameter	Arm length	Catalog number	Price
PVC coated	Aluminum	3" (7.6 cm)	0.35" (9 mm)	10" (25.4 cm)	GY-08027-25	
		4" (10.2 cm)	0.35" (9 mm)	12" (30.5 cm)	GY-08027-35	
		5" (12.7 cm)	0.43" (11 mm)	12" (30.5 cm)	GY-08027-45	
Uncoated	Aluminum	3" (7.6 cm)	0.35" (9 mm)	2.28" (5.8 cm)	GY-08027-20	
		4" (10.2 cm)	0.35" (9 mm)	2.28" (5.8 cm)	GY-08027-30	
		5" (12.7 cm)	0.43" (11 mm)	2.4" (6.1 cm)	GY-08027-40	



P. Support Plates

Use these plates to support your flat-bottomed labware such as beakers, dishes, and mantles. The round plate model features a raised rim to prevent your apparatus from falling. Order clamp separately.

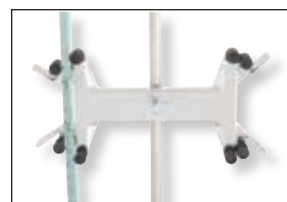
Type	Material	Dimensions	Catalog number	Price
Round	Aluminum	6" (15.2 cm)	GY-08027-16	
Rectangular	Aluminum	9.5" x 6.5" (24.1 x 16.5 cm)	GY-08059-10	
		12.75" x 9" (32.4 x 22.9 cm)	GY-08059-20	
		15.75" x 12" (40 x 30.5 cm)	GY-08059-30	



Q. Research-Grade Double Burette Clamps

Hold one or two burettes from micro to 100 mL. The one-handed, scissor-like mechanism provides quick and easy adjustments. Clamp is available separately or together with stand.

Material	Description	Catalog number	Price
Nickel-plated zinc	Double burette clamp only	GY-08022-10	
	Double burette clamp with support stand and rod (complete)	GY-08022-60	
	Double burette clamp only	GY-08129-93	
Stainless steel	Double burette clamp with support stand and rod (complete)	GY-08129-97	



Clamps & Supports

Rack Support Systems

Stand up to your demands

- Material has a melting point of 429°F (221°C)
- Resistance to salt solutions and solvents

A. Frame Rods

Polished 304 stainless steel rods are ½" (1.3 cm) in diameter; have sturdy ¼" (0.2 cm) thick walls. Rods fit all bases and clamps sold on this page.

Length	Qty/pk	Catalog number	Price/pk
9 3/16" (250 mm)	2	GY-08024-22	
19 1/16" (500 mm)	1	GY-08024-23	
29 1/2" (750 mm)	1	GY-08024-24	
39 3/4" (1000 mm)	1	GY-08024-25	

B. Frame Clamps

Use with rods, equipment clamps, or adapters to position your equipment exactly as you want. Thumbscrews are included.

Length	Qty/pk	Catalog number	Price/pk
Open-sided	5	GY-08024-28	
T-joint		GY-08024-29	
In-line		GY-08024-30	
Parallel		GY-08024-31	

C. Equipment Clamps

Clamps hold instruments and glassware.

Description	Opens to	Qty/pk	Catalog number	Price/pk
Small clamp	5/8" (16 mm)	2	GY-08024-40	
Medium clamp	1 3/4" (44 mm)	1	GY-08024-39	
Large clamp	3 1/2" (85 mm)	1	GY-08024-41	
Board clamp	1 1/2" (8 mm)	2	GY-08024-43	

D. Adapter

Place your equipment at odd angles—adapter holds position anywhere in a full hemisphere. Ideal for use with T-joint clamp 08024-29 (sold above).

Description	Qty/pk	Catalog number	Price/pk
Camera mount	1	GY-08024-51	

E. Bases and Mounting Feet

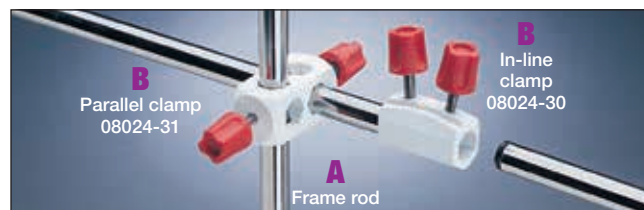
Bases accept rods up to ½" in diameter. Neoprene feet prevent slipping; stack bases together for added stability.

Description	Function	Qty/pk	Catalog number	Price/pk
Rectangular base	Supports four rods; measures 9" x 6" (22.9 x 15.2 cm); includes two thumbscrews	1	GY-08024-54	
Small v-base	Supports one rod; includes one thumbscrew	1	GY-08024-55	
Large v-base	Supports one rod; includes one thumbscrew	1	GY-08024-56	
Scaffold foot	Holds one rod at a right angle to surface; includes one thumbscrew and three wood-mounting screws	4	GY-08024-57	
Mounting foot	Holds one rod parallel to surface; includes one thumbscrew and two wood-mounting screws	4	GY-08024-58	

F. Accessory Screws

Replacement thumbscrews fit all frame clamps, bases, and mounting feet on this page.

Screw type	Qty/pk	Catalog number	Price/pk
Thumb Socket	10	GY-08024-26	



Connectors, Clamps, and Clips

Keep connections together

A. Original Standard Taper Clips

Economical standard taper clips securely hold conical joints under pressure without damaging glass. The polyoxymethylene (POM) acetal resin clips are safe to 302°F (150°C). Resistant to concentrated alkalis and dilute acids (not resistant to halogen gases and concentrated acids).



Plastic taper clips are easy to attach and remove.

Joint size no.	Color	Qty/pk	Catalog number	Price/pk
10	Green	12	GY-06839-90	
12	Violet		GY-06839-95	
14	Yellow		GY-06840-05	
19	Blue	12	GY-06840-10	
24	Green		GY-06840-15	
29	Red		GY-06840-20	
34	Orange	12	GY-06840-25	
40	Yellow		GY-06840-30	
45	Brown		GY-06840-35	

GY-06840-00 Standard taper clip assortment pack.
Six each of sizes 14, 19, 24, and 29 (24 total)

GY-06840-50 Standard taper clip assortment pack.
Three each of all nine sizes in table above (27 total)

B. Metal Standard Taper Clips

Durable nickel-plated steel taper clips securely hold conical joints under pressure. Clips offer superior chemical and temperature resistance—withstanding temperatures to 932°F (500°C).



Joint size no.	Qty/pk	Cat. no.	Price/pk
14	6	GY-06836-05	
19		GY-06836-10	
24		GY-06836-15	
29		GY-06836-20	

C. Ball-Joint Clips

Secure ball and socket joints—no locking screw required. Polyoxymethylene (POM) acetal resin clips are safe to 302°F (150°C). Resistant to concentrated alkalis and dilute acids (not resistant to halogen gases or concentrated acids).



Joint size no.	Color	Qty/pk	Catalog number	Price/pk
13	Violet	12	GY-06838-10	
19	Blue		GY-06838-15	
29	Red		GY-06838-20	
35	Orange		GY-06838-25	

D. Quick-Disconnect Adapters

Safely and easily connect tubing to glassware or other tubing—connect and disconnect with just a quarter twist. These unique adapters eliminate broken glass ports and prevent twisted tubing. Adapter body is glass fiber-reinforced polybutylene terephthalate (PBT) thermoplastic polyester; safe to 392°F (200°C). O-rings and gaskets are made from ethylene propylene rubber (EPDM); safe to 302°F (150°C). Adapters are also available with Viton® fluoroelastomer O-rings and gaskets for temperatures to 392°F (200°C)—call our Application Specialists for details. Max pressure rating is 30 bar; max vacuum rating is 0.5 mm Hg.

Function	Color	Catalog number	Qty/pk	Price/pk
Glassware adapters (use with tubing adapters 06841-50, -60)				
Allows tubing adapter to fit GL-14 threaded port (Schott glass) or 10-mm OD barbed port	Yellow	GY-06841-51	10	
Allows tubing adapter to fit RD-14 threaded port (Normag glass) or 11-mm OD barbed port	Red	GY-06841-52	10	
Tubing adapters (use with appropriate adapters above)				
Fits 8 to 10-mm ID tubing	Blue	GY-06841-50	10	
Fits 3 to 5-mm ID tubing	Lt blue	GY-06841-60	10	
Tubing coupling adapter (use with tubing adapters 06841-50, -60)				
Allows two tubing adapters to be joined for quick disconnect of tubing	White	GY-06841-54	10	
Flask/bulkhead adapter (use with tubing adapters 06841-50, -60)				
Allows tubing adapter to fit through glassware or tank walls	White	GY-06841-70	10	



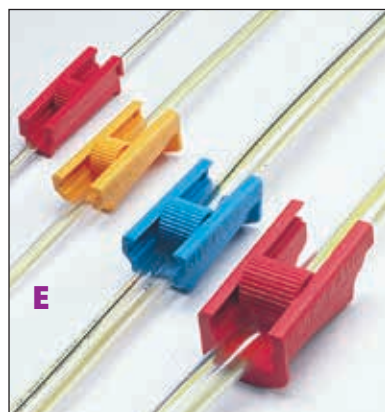
Tubing adapter 06841-50 shown with glassware adapter 06841-52

E. Ramp® Clamp Tubing Clamps

Unique wheel-in-groove clamp permits one-hand flow control. Remove wheel to insert tubing, then roll wheel back into clamp to achieve desired flow rate. Made of pure PBT; safe to 392°F (200°C). All sizes accept tubing with maximum wall thickness of 3/32" (2.4 mm).

Max tubing OD	Color	Catalog number	Qty/pk	Price/pk
3/16" (4.5 mm)	Red	GY-06835-05	12	
1/4" (6 mm)	Yellow	GY-06835-03		
3/8" (10 mm)	Blue	GY-06835-07		
1/2" (14 mm)	Red	GY-06835-10		

GY-06841-80 Tubing clamp assortment kit.
Contains eight each of 06835-05, -03, -07, and -10 clamps (32 total pieces)



Teky's Tips

The joint size on glassware is a two part number, such as 24/40. To select the correct Keck® connector, match the first number on the glassware to the Keck joint size number.

