

JOINT CLAMPS

Plastic Clamps



Color coded by size, these clamps hold Standard Taper joints in place securely under light pressure. Made of the plastic resin polyoxymethylene (POM), they can withstand temperatures up to 150°C. Resistant to concentrated alkalis and dilute acids but not resistant to concentrated acids or halogen gases.

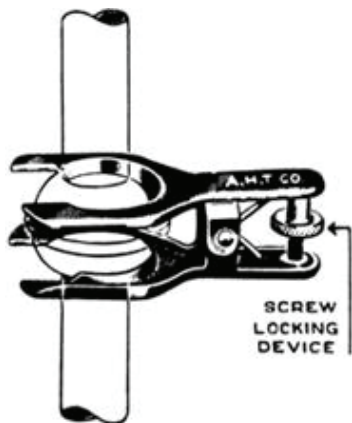
CATALOG NO.	FITS JOINT	COLOR	QUANTITY / PACK	PRICE
LG-1004-100	ST 10/18, ST 10/30	Light Green	1	\$4.50
LG-1004-104	ST 14/20, ST 14/35	Yellow	1	\$4.47
LG-1004-106	ST 19/22, ST 19/38	Blue	1	\$4.56
LG-1004-108	ST 24/25, ST 24/40	Green	1	\$4.72
LG-1004-110	ST 29/26, ST 29/42	Red	1	\$5.13
LG-1004-112	ST 34/28, ST 34/45	Orange	1	\$5.73
LG-1004-114	ST 40/35, ST 40/50	Dark Yellow	1	\$6.40
LG-1004-116	ST 45/50	Brown	1	\$8.69

Metal Clamps



These clamps hold Standard Taper joints in place securely under moderate pressure. Made of metal, they are coated with silicone lacquer to avoid scratching glass surfaces. They can withstand temperatures up to 200°C and are suitable where higher temperatures are used or cracking occurs in the plastic equivalent.

CATALOG NO.	FITS JOINT	QUANTITY / PACK	PRICE
LG-1006-100	ST 14/20, ST 14/35	1	\$10.96
LG-1006-102	ST 19/22, ST 19/38	1	\$11.39
LG-1006-104	ST 24/25, ST 24/40	1	\$11.50
LG-1006-106	ST 29/26, ST 29/42	1	\$12.36



Stainless Steel Locking Pinch Clamps

These spring loaded clamps apply compression when used with ball & socket or o-ring joints. Sizes 12A, 18A and 28-75 have a locking device in addition to the spring for continuous compression of joint o-rings.

The clamp sizes are defined by the nominal diameter of the ball member in the ball and socket joint.

CATALOG NO.	FITS JOINT	QUANTITY / PACK	PRICE
LG-1045-102	SJ 12	1	\$16.17
LG-1045-104	SJ 12A	1	\$23.60
LG-1045-106	SJ 18	1	\$18.06
LG-1045-108	SJ 18A	1	\$19.41
LG-1045-110	SJ 28	1	\$22.92
LG-1045-112	SJ 35	1	\$27.48
LG-1045-114	SJ 40	1	\$63.19
LG-1045-116	SJ 50	1	\$70.35
LG-1045-118	SJ 65	1	\$82.64
LG-1045-120	SJ 75	1	\$147.22
LG-1045-122	SJ 102	1	\$226.36

Plastic Ball and Socket Clamps

These clamps secure ball and socket joints. Manufactured from polyoxymethylene (POM), they are safe to 150°C.

The size given indicates the nominal diameter of the ball members of the socket joints the clamps will fit.



CATALOG NO.	FITS JOINT	COLOR	QUANTITY / PACK	PRICE
LG-4600-100	SJ 12	Dark Violet	1	\$7.87
LG-4600-102	SJ 18	Light Blue	1	\$8.66
LG-4600-104	SJ 28	Dark Red	1	\$8.66
LG-4600-106	SJ 35	Light Orange	1	\$8.20

Horseshoe Style Clamps

Designed for use with ball and socket joints, these clamps provide uniform tension and secure the assembly. They are horseshoe shaped and supplied with two bolts and nuts for tightening.



CATALOG NO.	FITS JOINT	QUANTITY / PACK	PRICE
LG-4631-100	SJ 12	1	\$13.14
LG-4631-102	SJ 18	1	\$17.87
LG-4631-104	SJ 28	1	\$17.17
LG-4631-106	SJ 35	1	\$19.82
LG-4631-108	SJ 65	1	\$21.57
LG-4631-110	SJ 75	1	\$25.68

Stainless Steel Quick Release Clamps

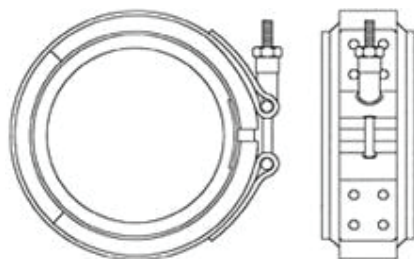
Made entirely from stainless steel, these clamps firmly hold reaction vessels with Duran® flanges, and lids together. Quick release mechanism has a screw adjustment for tension control of flange.



CATALOG NO.	FITS FLANGE I.D.	QUANTITY / PACK	PRICE
LG-4632-100	60mm	1	\$93.20
LG-4632-102	100mm	1	\$117.95
LG-4632-104	120mm	1	\$144.08
LG-4632-106	150mm	1	\$146.52
LG-4632-108	200mm	1	\$160.52

PTFE Beaded Fitting Coupling

These PTFE/Viton® couplings provide an inert and greaseless connection for equipment with beaded fittings. Their unique design eliminates pressure points which cause glassware to break. Use with LG-4553 and LG-4558 beaded ends.



CATALOG NO.	COLUMN ID	QUANTITY / PACK	PRICE
LG-4661-098	1/2"	1	\$75.53
LG-4661-100	1"	1	\$113.86
LG-4661-102	1 1/2"	1	\$126.69
LG-4661-104	2"	1	\$143.65
LG-4661-106	3"	1	\$256.23
LG-4661-108	4"	1	\$364.04
LG-4661-110	6"	1	\$724.48

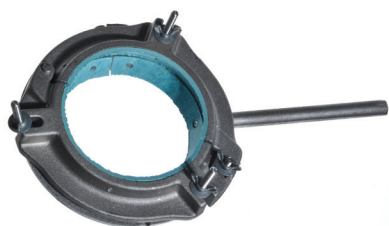
Stainless Steel McCarter Reaction Clamps



Used to connect two pieces of glass with flat flanges of the same diameter, these stainless steel horseshoe-shaped clamps are uniquely designed. Adjustable tension springs that secure even pressure over the flange area, may be slid on or off easily - thus facilitating assembly and disassembly of apparatus setups.

CATALOG NO.	SIZE	QUANTITY / PACK	PRICE
LG-7316-100	32mm	1	\$53.46
LG-7316-102	57mm	1	\$76.35
LG-7316-104	80mm	1	\$87.11
LG-7316-106	4-1/2"	1	\$115.12
LG-7316-108	5-1/2"	1	\$129.24

Conical Flange Vessel Clamps



These clamps are designed for reaction vessels/kettles with a conical flange. The top clamp is easily removed without disturbing the cover or body of reaction flask. Disassemble by loosening nuts. Includes extension rod for clamping to a laboratory stand.

NOTE: Use with LG-8010 to LG-8050 vessels and lids.

CATALOG NO.	INSIDE DIAMETER	QUANTITY / PACK	PRICE
ML-1288-700	2"	1	\$90.60
LG-8070-100	4"	1	\$242.71

LATTICE / HOLDERS

Lattice Support Rods



Used for erecting a versatile lattice support for laboratory apparatus, these clamps are high strength with Allen head screws. V-shaped slots allow easy attachment of rods without disrupting the existing support. An aluminum alloy rod is furnished without threads and ends are smoothly finished. Clamps packaged in a set of twelve with one Allen wrench. Rod sold separately.

CATALOG NO.	DESCRIPTION	QUANTITY / PACK	PRICE
LG-10445-100	Clamp	1	\$234.08
LG-10445-208	1/2" Diameter Rod - 36" Length	1	\$26.10
LG-10445-210	1/2" Diameter Rod - 48" Length	1	\$39.98



Lattice Clamps

These stamped steel clamps are zinc plated for corrosion resistance and have a steel thumbscrew. They are used in lattice systems and fit rod sizes up to 3/4" diameter.

CATALOG NO.	DESCRIPTION	QUANTITY / PACK	PRICE
LG-4622-100	1/4" Steel Screw	1	\$13.47
LG-4622-102	5/16" Steel Screw	1	\$15.09

Aluminum Alloy Ultra Clamp

With heavy duty aluminum alloy and brushed finish construction, this Ultra clamp fits shafts 1/4" to 1" diameter.



CATALOG NO.	QUANTITY / PACK	PRICE
LG-4627-100	1	\$100.20

Stainless Steel Holders

These holder clamps come in two sizes:
 Standard zinc alloy holder has a streamlined design for maximum contamination resistance and easy cleaning. Use wherever clamping at 90° is required. Maximum rod grip size is 19mm.
 Jumbo holder has stainless steel construction for heavy duty applications. It is ideal for holding clamps to frames and has two thumb adjustment screws. Maximum rod grip size is 21mm.



CATALOG NO.	DESCRIPTION	MAXIMUM GRIP SIZE	QUANTITY / PACK	PRICE
LG-4643-100	Zinc Alloy	19mm	1	\$23.60
LG-4643-202	Stainless Steel	21mm	1	\$55.99



S Connectors

Available in zinc alloy or stainless steel models, these connectors feature separate adjustment capability with two rods or clamps versus single clamp action of the hook connector. Clamp items at 90° angle.

CATALOG NO.	DESCRIPTION	QUANTITY / PACK	PRICE
LG-4644-100	Zinc Alloy	1	\$21.42
LG-4644-200	Stainless Steel	1	\$31.99



Hook Connectors

Available in zinc alloy or stainless steel models, these easy-to-use hook connectors allow one-handed assembly of two components with one adjustment screw.

CATALOG NO.	DESCRIPTION	QUANTITY / PACK	PRICE
LG-4645-100	Zinc Alloy	1	\$13.13
LG-4645-200	Stainless Steel	1	\$27.21



Power Hold Universal Clamp

This universal clamp is constructed of precision machined aluminum for strength and long life. It holds any stirrer, with mounting rod from 3/8" to 5/8" diameter, with precision adjustment - making it easy to slide up and down. Its large knob provides power to clamp securely. Features adjustable stop for safety and speed in operating and setup.

CATALOG NO.	QUANTITY / PACK	PRICE
LG-9571-100	1	\$70.20

HOSE PINCHCOCK



Regular Hosecock Clamps

This nickel-plated zinc hosecock clamp has a convex clamping surface and rounded edges that prevent accidental cuts and tears of tubing. The fine machined adjustment screw with oversized head provides one-handed, accurate flow regulation. Tubing retainer screw on side of clamp can be raised to allow for easy positioning of tubing and when screwed back in place it keeps tubing from disengaging under varying fluid pressures. Use for tubing up to 3/4" (19mm) diameter.

CATALOG NO.	QUANTITY / PACK	PRICE
LG-4641-100	1	\$26.40

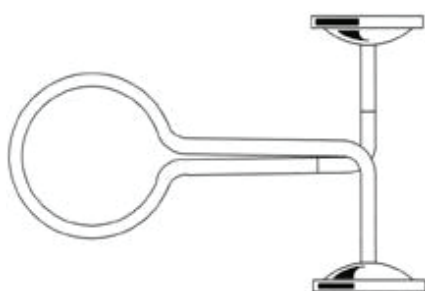


Variable Flow Pinchcock Clamp

This nickel-plated zinc pinchcock clamp is designed to quickly start and stop flow and provide complete closure without damaging the tube. The thumbscrew and locking nut provide true flow regulation, a baseline setting for repeatable stop-start operations, and precise duplication of flow rate. For use on tubing up to 3/8" (10mm) O.D.

CATALOG NO.	QUANTITY / PACK	PRICE
LG-4642-100	1	\$34.15

Pinchcock Clamp



This small, flat round edge, nickel-plated, steelwire clamp provides a flat clamping surface for plastic tubing up to 3/8" diameter.

CATALOG NO.	QUANTITY / PACK	PRICE
LG-4647-100	1	\$2.92

SUPPORT / CLAMPS

Column Clamps



Sturdy, durable, multi-purpose stainless steel clamps offer chemical resistance and increased strength. They are ideal for holding large cylindrical glassware or similar labware. The large, flat thumbscrew/worm drive provides a firm hold. Holding rod has 7/16" diameter.

CATALOG NO.	DIAMETER	QUANTITY / PACK	PRICE
LG-4623-100	2.5"-3.5"	1	\$73.82
LG-4623-102	3.75"-4.5"	1	\$75.39
LG-4623-104	4.75"-5.5"	1	\$76.95
LG-4623-106	5.5"-6.5"	1	\$76.95

Buret Clamps



These steel zinc buret clamps have plastisol coated jaws to prevent slippage and allow for a secure hold. They accommodate a variety of laboratory apparatus with diameters from 10 to 35mm. Available in single or double jaw models, these clamps will swivel and are 360° adjustable.

CATALOG NO.	DESCRIPTION	LENGTH	QUANTITY / PACK	PRICE
LG-4624-100	Single	162mm	1	\$17.75
LG-4624-102	Double	248mm	1	\$40.92

Chain Clamp



This aluminum chain clamp accommodates irregular shaped or round objects up to 6-1/2" (17cm) diameter. The quick slip-on chain connection with large, easy-to-turn adjusting knob, allows equipment to be held in place on lattice rods at any angle. Distance from frame can be varied by using 6" (15cm) extension arm. Replacement chains sold separately.

CATALOG NO.	DESCRIPTION	QUANTITY / PACK	PRICE
LG-4626-100	Chain Clamp	1	\$63.19
LG-4626-102	Replacement Chain Set	1	\$24.02

Nester Chain Clamp



Strong brass chromed band, chain, and stainless steel rod hold large or small glass distillation columns and odd shaped glassware ranging from 2" to 6-1/2" in diameter.

CATALOG NO.	QUANTITY / PACK	PRICE
LG-4628-100	1	\$98.16

Ultra Flex Support System



Ultra FlexClamp Support Systems are designed to hold small apparatus such as pH meters, temperature probes, hydrometers, test tubes, vials, flasks, and other small devices or containers.

They come complete with three types of clamp heads (2-prong, 3-prong, and spring clamp), and a nickel plated flex arm (12" or 18") that can be placed in virtually any position or angle. Choose from three unique systems: Bench Clamp model frees up valuable bench space. It comes with utility wrench to easily attach to side of lab benches or counter tops. Cast alloy Lab Frame connector mounts to lab frames, support stands, or any support rod up to 0.75" (1.9cm) in diameter. Base Plate model features a sturdy base that sits directly on a lab bench or counter top.

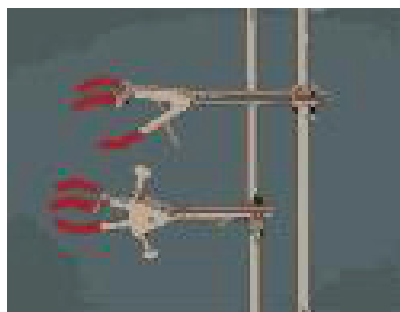
CATALOG NO.	DESCRIPTION	QUANTITY / PACK	PRICE
LG-4633-100	Ultra Flex 12 with Base Plate	1	\$276.32
LG-4633-102	Ultra Flex 12 with Bench Clamp	1	\$244.31
LG-4633-104	Ultra Flex 12 with Lab-Frame Connector	1	\$213.77
LG-4633-110	Ultra Flex 18 with Base Plate	1	\$331.57
LG-4633-112	Ultra Flex 18 with Bench Clamp	1	\$292.31
LG-4633-114	Ultra Flex 18 with Lab-Frame Connector	1	\$254.49
LG-4633-150	2-Prong Clamp Head Replacement Part	1	\$30.53
LG-4633-152	3-Prong Clamp Head Replacement Part	1	\$40.50
LG-4633-154	Spring Clamp Head Replacement Part	1	\$31.78
LG-4633-200	12" Flex Arm Replacement Part	1	\$129.42
LG-4633-210	18" Flex Arm Replacement Part	1	\$191.96
LG-4633-300	Base Plate Replacement Part	1	\$149.28
LG-4633-302	Lab-Frame Connector Replacement Part	1	\$50.90
LG-4633-304	Bench Clamp Replacement Part	1	\$92.34



Two-Prong Swivel Clamp

These two prong clamps swivel to allow for 360° adjustment.

CATALOG NO.	CLAMP EXTENSION	MAXIMUM GRIP SIZE	QUANTITY / PACK	PRICE
LG-4635-100	1/2"	1-1/2"	1	\$34.94
LG-4635-102	5/8"	2-1/2"	1	\$39.40



Three-Prong Extension Clamp

These extension clamps are three-pronged and come in single or dual adjustment - both available in three sizes to provide a wide range of jaw openings. The three-jaw configuration secures various lab apparatus and holds irregular shapes easily. Long, seamless brass tubing attaches clamping heads securely and offers easy positioning and depth adjustment, even in the deepest fume hoods.

Choose from models with high tensile strength zinc alloy construction - exposed surfaces are nickel-plated for maximum corrosion resistance, OR stainless steel models - offering excellent chemical resistance, autoclavable, and supplied with vinyl and fiberglass prong covers.

CATALOG NO.	DESCRIPTION	LENGTH	CLAMP EXTENSION	MAXIMUM GRIP SIZE	PRONG HEIGHT	QUANTITY / PACK	PRICE
LG-4637-100	Zinc alloy, Single Adjustment, Small	6-1/2"	4-1/4"	1"	0.82"	1	\$46.40
LG-4637-102	Zinc alloy, Single Adjustment, Medium	8-3/4"	5-1/8"	2-1/4"	1.33"	1	\$48.78
LG-4637-104	Zinc alloy, Single Adjustment, Large	10-1/2"	6"	3-1/2"	1.92"	1	\$51.18
LG-4637-106	Zinc alloy, Dual Adjustment, Small	6-1/2"	4-1/4"	1"	0.82"	1	\$46.40
LG-4637-108	Zinc alloy, Dual Adjustment, Medium	8-3/4"	5-1/8"	2-1/4"	1.37"	1	\$48.78
LG-4637-110	Zinc alloy, Dual Adjustment, Large	10-1/2"	6"	3-1/2"	1.89"	1	\$50.02
LG-4637-206	Stainless Steel, Dual Adjustment, Small	5.8"	4"	1.1"	0.82"	1	\$72.71
LG-4637-208	Stainless Steel, Dual Adjustment, Medium	8.6"	5"	2.4"	1.33"	1	\$85.80
LG-4637-210	Stainless Steel, Dual Adjustment, Large	10.4"	5"	3.3"	1.92"	1	\$105.22

Three-Prong Clamp



These Ultra extension clamps feature an innovative closed yoke construction that minimizes contamination and corrosion of the internal components. They are three-pronged and come in single or dual adjustment - both available in three sizes to provide a wide range of jaw openings. The three-jaw configuration secures various lab apparatus and holds irregular shapes easily. Long, seamless brass tubing attaches clamping heads securely and offers easy positioning and depth adjustment, even in the deepest fume hoods. Clamps have high tensile strength zinc alloy construction and exposed surfaces are nickel-plated for maximum corrosion resistance. They are supplied with both non-slip vinyl as well as fiberglass prong covers.

CATALOG NO.	DESCRIPTION	LENGTH	CLAMP EXTENSION	MAXIMUM GRIP SIZE	PRONG HEIGHT	QUANTITY / PACK	PRICE
LG-4638-100	Single Adjustment, Small	6-1/2"	4-1/4"	1"	0.59"	1	\$47.98
LG-4638-102	Single Adjustment, Medium	8-3/4"	5-1/8"	2-1/4"	1.37"	1	\$54.39
LG-4638-104	Single Adjustment, Large	10-1/2"	6"	3-1/2"	1.85"	1	\$59.99
LG-4638-106	Dual Adjustment, Small	6-1/2"	4-1/4"	1"	0.55"	1	\$52.80
LG-4638-108	Dual Adjustment, Medium	8-3/4"	5-1/8"	2-1/4"	1.34"	1	\$54.39
LG-4638-110	Dual Adjustment, Large	10-1/2"	6"	3-1/2"	1.85"	1	\$59.99

Lab Frame Foot



Strong, durable, stainless steel lab foot clamp is designed for mounting lab frames permanently to floors, walls, bench tops or fume hoods. Includes three SS screws.

CATALOG NO.	MAXIMUM ROD SIZE	QUANTITY / PACK	PRICE
LG-4646-200	Up to 0.5"	1	\$51.60

Reaction Vessel Kettle Clamps



These reaction vessel clamps for O-rings and flat flanges are a cast bronze ring with a black oxidized finish. Three insulated, spring activated clamping arms fit beneath the flange of the flask body. Simple pressure on the heat-resistant fiber knobs and a twist, permit attachment or removal.

CATALOG NO.	FITS FLASK	QUANTITY / PACK	PRICE
LG-7317-100	500, 1000mL	1	\$175.76
LG-7317-102	2000, 3000, 4000mL	1	\$176.64

Heating Mantle Basket Style Extension Supports



Designed for use with LG-8800 and LG-8801 mantles, this table-top steel support holds spherical and hemispherical Series O mantles up to 5 liter capacity. The steel support, with its fabric strap basket, is strong, handy, and durable. Attaches easily to stable ring stands or distillation racks.

CATALOG NO.	FITS FLASK SIZE	MFG. NO.	QUANTITY / PACK	PRICE
LG-8905-104	500mL	0-530	1	\$89.18
LG-8905-106	1000mL	0-535	1	\$96.35

LIFT JACKS



Aluminum LabLifts

All-purpose anodized aluminum support lifts are used for hot plates, oil baths, large Dewar flasks, ground joint glassware, receivers, etc. They utilize the scissors jack principle for quick, easy, and accurate rate height adjustment. See LG-10441-160 for 17" rod, flatwasher, and jamnut.

CATALOG NO.	SIZE	HEIGHT	LOWER TEMPERATURE RATING	MAXIMUM LOAD	QUANTITY / PACK	PRICE
LG-10441-150	4" square	2 - 5"	30	30 lbs	1	\$173.04
LG-10441-152	6" square	2 $\frac{1}{4}$ - 9 $\frac{1}{4}$ "	35	35 lbs	1	\$222.70
LG-10441-154	8" square	2 $\frac{1}{4}$ - 13"	55	55 lbs	1	\$269.39