

Specialty Clamps

Thermometer Swivel Clamp

Holds glass tubes and thermometers 114mm (4.49") from support rod. Clamp features safety adjust spring plate jaws that adjust to any angle with locking wing nut. Built-in holder grips rods up to 19mm (0.75") in diameter. Lightweight, rust, and corrosion-resistant. Nickel-plated construction.

Min. to Max. Grip Size	Overall Length	Part Number
6 to 8mm (0.24 to 0.32")	159mm (6.26")	08043-22



08043-22

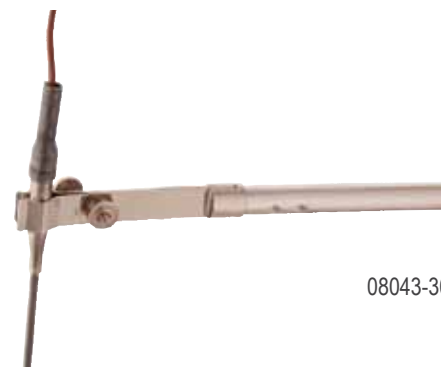
Thermometer / Thermocouple Extension Clamp

Lightweight clamp holds glass tubing/thermometers or thermocouples up to 178mm (7") from support rod. Tightening wing nut applies tension to the nickel-plated jaws.

NOTE: An additional holder must be purchased in order to attach clamps to frames or other apparatus.

See the Connectors & Holders section of this catalog, pages 14-16.

Min. to Max. Grip Size	Ext Arm Length	Arm Dia.	Overall Length	Part Number
6 to 12mm (0.24 to 0.47")	127mm (5")	11mm (0.43")	210mm (8.27")	08043-30



08043-30

Wall Clamp

Integral self-tapping screw mounts directly to the wall. Ideal substitute for a frame rod. Nickel-plated zinc construction.

Min. to Max. Grip Size	Overall Length	Part Number
5 to 10mm (0.2 to 0.39")	80mm (3.15")	08027-00



08027-00

Water Bath Clamps

Holds a variety of apparatus, including glass tubes and thermometers onto glass water bath walls. Built-in holder grips walls of varying thickness, up to 9mm (0.35"). Knurled thumbscrew tightens jaws to hold objects firmly. Nickel-plated zinc construction. Large water bath clamp is supplied with non-slip vinyl sleeves, and for temperatures above 100°C, fiberglass covers.

NOTE: Replacement vinyl and fiberglass sleeves are available, page 13.

Size	Min. to Max. Grip Size	Prong Width	Overall Length	Part Number
Small	5 to 10mm (0.2 to 0.39")	N/A	89mm (3.5")	08043-12
Large	0 to 46mm (0 to 1.81")	11mm (0.43")	117mm (4.61")	08043-10



08043-12



08043-10

CLAMPS & SUPPORTS

Required

An additional holder must be purchased in order to attach clamps to frames or other apparatus. See the Connectors & Holders section of this catalog, pages 14-16

Specialty Clamps

Chain Clamps

Holds large round or irregular shaped objects firmly, yet gently to lab-frames and rods. Quick and secure slip-on chain connection with large, easy-to-turn adjusting knob. Extension arm allows user to vary distance from the frame. Available as stainless steel clamp constructed entirely of stainless steel with electro-polished finish or nickel-plated zinc clamp with strong, chromed-brass chain.

Size	Min. to Max. Dia.	Ext. Arm Length	Arm Dia.	Overall Length	Part Number
Small	35 to 170mm (1.38 to 6.69")	127mm (5")	13mm (0.51")	188mm (7.4")	08047-32
Large-5	35 to 280mm (1.38 to 11.02")	127mm (5")	13mm (0.51")	206mm (8.11")	08047-34
Large-12	35 to 280mm (1.38 to 11.02")	305mm (12")	13mm (0.51")	384mm (15.12")	08047-36
Stainless Steel					
Large-5	35 to 280mm (1.38 to 11.02")	127mm (5")	13mm (0.51")	206mm (8.11")	08129-89



08129-89
(shown in stainless steel)

Column Clamps

These sturdy, easily adjusted, multi-purpose clamps are ideal for holding large cylindrical glassware and similar objects. A large, flat thumbscrew/worm-drive permits maximum tightening or removal in minimum time. Clamp is constructed of corrosion-resistant stainless steel. Ideal for chromatography columns.

Size	Min. to Max. Dia.	Ext. Arm Length	Arm Dia.	Overall Length	Part Number
Small	65 to 89mm (2.56 to 3.5")	211mm (8.31")	11mm (0.43")	282mm (11.1")	08060-10
Medium	91 to 114mm (3.58 to 4.49")	211mm (8.31")	11mm (0.43")	315mm (12.4")	08062-10
Large	64 to 140mm (2.52 to 5.51")	211mm (8.31")	11mm (0.43")	338mm (13.31")	08064-10
X-Large	92 to 165mm (3.62 to 6.5")	211mm (8.31")	11mm (0.43")	368mm (14.49")	08066-10



08064-10

Nester Extension Clamp

Securely holds large or small glass distillation columns, odd-shaped glassware and most other labware. Constructed of stainless steel with strong, chromed-brass band and chain.

Min. to Max. Dia.	Ext. Arm Length	Arm Dia.	Overall Length	Part Number
50 to 102mm (1.97 to 4")	152mm (5.98")	10mm (0.39")	262mm (10.32")	08023-50



08023-50

PVC Coated Open Extension Rings

Ideal for supporting funnels, round bottom flasks, reaction vessels, and other apparatus that requires lower support. Opening in PVC coated aluminum ring allows for easy removal of sample container. PVC coating protects glassware. Long extension arm permits depth adjustment of the open ring from the lab-frame or ring stand.

Ring Dia.	Ext. Arm Length	Arm Dia.	Overall Length	Part Number
76mm (3")	254mm (10")	9mm (0.35")	328mm (12.91")	08027-25
102mm (4")	305mm (12")	9mm (0.35")	404mm (15.91")	08027-35
127mm (5")	305mm (12")	11mm (0.43")	427mm (16.81")	08027-45



08027-35

Open Rings

Lightweight rings mount funnels, boiling flasks, and other irregular-shaped objects to lab-frames. Open ring section allows items to pass in and out of support area easily, reducing risk of breakage. Aluminum construction.

Ring Dia.	Ext. Arm Length	Arm Dia.	Overall Length	Part Number
76mm (3")	58mm (2.28")	9mm (0.35")	132mm (5.2")	08027-20
102mm (4")	58mm (2.28")	9mm (0.35")	158mm (6.22")	08027-30
127mm (5")	61mm (2.4")	11mm (0.43")	183mm (7.2")	08027-40



08027-40

Double Buret Clamps, Research Grade

Stainless steel electro-polished finish or nickel-plated zinc Double Buret Clamp holds any size buret from micro to 100mL capacity. Simply compress the scissor-like mechanism, insert buret and gently release to grip. Numbers and graduation on buret remain easy to read. For height adjustments, recompress mechanism and slide buret up or down and gently release. Clamp unit attaches to optional standard support rod with built-in reinforced hook connector. Adjusting nut faces forward for easy use. Stainless steel or aluminum support rod attaches to optional porcelain base.

Support Rod (dia. x L): 13 x 578mm (0.51 x 22.76")
 Porcelain Base (L x W x H): 178 x 330 x 25mm (7 x 13 x 1")

Description	Part Number
Double Buret Clamp (only)	08022-10
Support Rod (only)	08129-00
Support Stand with Rod	08022-50
Double Buret Clamp & Support Stand with Rod (complete)	08022-60

Stainless Steel

Description	Part Number
Double Buret Clamp (only)	08129-93
Support Rod (only)	08129-99
Support stand with Rod	08129-98
Double Buret Clamp & Support Stand with Rod (complete)	08129-97

Kettle Clamps

Holds flask and cover together firmly. Three insulated spring-activated clamping arms. Stainless steel springs. For use on reaction kettles.

Flask Size	Inside Dia.	Part Number
500mL, 1000mL	125mm (4.92")	08047-50
2000mL, 3000mL, 4000mL	142mm (5.59")	08047-55

Electrode Support Clamp

Permits suspension of electrodes over beaker for potentiometric titrations. Holds any electrode clamp at desired level. Built-in nickel-plated zinc holder grips rods up to 19mm (0.75") in diameter.

Overall Length	Part Number
178mm (7")	08027-06

Suspension Clamp

Holds thermometers, potash bulbs or drying tubes 114mm (4.49") from support rod. Machine tapered, nickel-plated brass hook won't bend, rust, or corrode. Built-in holder grips rods up to 19mm (0.75") in diameter.

Overall Length	Part Number
137mm (5.39")	08027-08

Support Clamp

Supports electrolysis apparatus, glass rods or tubing at any angle. Arms are nickel-plated brass with vinyl coating. Easily supports cylindrical objects up to 19mm (0.75") diameter. Built-in holder grips rods up to 19mm (0.75") in diameter.

Overall Length	Prong Width	Part Number
152mm (5.99")	25mm (1")	08027-10

Specialty Clamps



08129-97
(shown in stainless steel)



08047-50



Electrode holder not included

08027-06



08027-08



08027-10

CLAMPS & SUPPORTS

Ultra Flex Support Systems

Ultra Flex Support Systems have unique flexible arms that are extremely versatile and can be placed in virtually any position or angle. The Ultra Flex comes in three different systems; base plate, lab-frame connector, and bench clamp. Each system includes a 2-Prong Clamp Head, 3-Prong Clamp Head, Spring Clamp Head, nickel-plated flex arm in 305mm (12") or 457mm (18") length, and utility wrench. 2-prong and 3-prong clamp heads also supplied with non-slip vinyl sleeves, and for temperatures above 100°C, fiberglass covers.

Arm Length,	Ultra Flex 12:	305mm (12")
	Ultra Flex 18:	457mm (18")
Arm Diameter:		13mm (0.51")
Max. Grip Size,	2-Prong Clamp Head:	75mm (2.95")
	3-Prong Clamp Head:	69mm (2.72")
	Spring Clamp Head:	13mm (0.51")

2-Prong Clamp Head



3-Prong Clamp Head



Spring Clamp Head



Ultra Flex Support System with Base Plate

- **Stable base plate**
- **All metal construction**

Ultra Flex Support System with Base Plate is designed with a stable, painted steel base plate with chemical resistant black finish, that fits easily on bench tops or in fume hoods. Base plate measures 127 x 127 x 12.7mm (5 x 5 x 0.5").

Description	Part Number
Ultra Flex 12 with Base Plate	08029-00
Ultra Flex 18 with Base Plate	08029-02



08029-02

Ultra Flex Support System with Lab-Frame Connector

- **Cast alloy lab-frame connector**
- **Mounts to lab-frames or support stands**

Ultra Flex Support System with Lab-Frame Connector securely attaches to support stands, lab-frames, or any support rod up to 19mm (0.75") in diameter. Ideal for use in fume hoods. Lab-frame connector is made of cast alloy.

Description	Part Number
Ultra Flex 12 with Lab-Frame Connector	08029-04
Ultra Flex 18 with Lab-Frame Connector	08029-06



08029-04

Ultra Flex Support System with Bench Clamp

- **Aluminum bench clamp**
- **Easily attaches to most lab benches**

Ultra Flex Support System with Bench Clamp easily attaches to the side of your lab bench or

Description	Part Number
Ultra Flex 12 with Bench Clamp	08126-36
Ultra Flex 18 with Bench Clamp	08126-37



08126-37

Ultra Flex Support System Replacement Parts

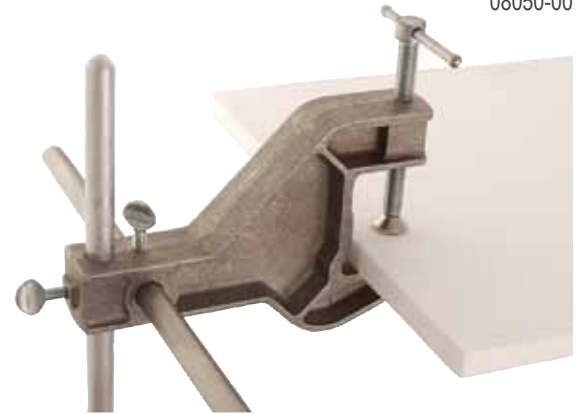
Description	Part Number
2- Prong Clamp Head	08126-39
3- Prong Clamp Head	08126-44
Spring Clamp Head	08126-46
12" Flex Arm	08126-38
18" Flex Arm	08129-43
Base Plate	08129-40
Lab-Frame Connector	08129-42
Bench Clamp	08129-41

Specialty Clamps

Bench/Shelf Clamp

Aluminum bracket with arm fastens quickly and firmly to any convenient shelf. Accepts 0.51" (13mm) rods vertically and horizontally, to which ordinary rings and clamps attach, leaving bench surface clear for apparatus.

08050-00



Clamp Opening	Depth of Grip	Overall Length	Part Number
1.7" (43mm)	2" (51mm)	7.75" (197mm)	08050-00

Replacement Sleeves

Sleeves are easily removed for cleaning or replacement. Both vinyl and fiberglass sleeves are available.

Tech Tip

Fiberglass sleeves are recommended for all applications above 100°C (212°F)



Clamp Size	Red Vinyl Sleeve Part Number	Black Vinyl Sleeve Part Number	Fiberglass Sleeve Part Number
Medium 2-Prong (2 pack)	08027-80	N/A	08027-90
Large 2-Prong (2 pack)	08027-82	N/A	08027-04
Small 3-Prong (3 pack)	08027-84	08126-33	08126-05
Medium 3-Prong (3 pack)	08027-86	08126-34	08027-96
Large 3-Prong (3 pack)	08027-88	08126-35	08027-98

Thumbscrew Knob

Thumbscrew tightening knob features a 32mm (1.25") slot in the center of a nylon disc that will accept thumbscrews supplied with the LabJaws and UltraJaws Multi-Purpose Clamps, excluding the stainless steel version. Makes tightening of clamps easier on the hands and wrists.

08047-95



Overall Diameter	Thumbscrew Slot	Part Number
64mm (2.5")	32mm (1.25")	08047-95