



Clecos and Side Grip Clamps

mega offers a wide range of lightweight, temporary fastening systems that have long played an important role in automotive, racing, and aircraft sheet metal repair. Clecos, 'skin pins', clamps, and drill stops come in a wide variety of shapes and sizes, designed with very specific functions, and color coded by size for easy identification,

Fasteners can be operated with power tools, pliers, or by hand. Most are available in several lengths and grip strengths to accommodate a range of manufacturing processes. While standard clecos are effective for most space requirements, shorter or extended clecos are specially designed to operate in extreme range specifications. Heavy-duty clecos are made specifically for applications requiring an extended grip length, and provide more clamping force than the standard series.

Side-grip clamps also offer a unique solution to the challenges of temporary fastening. Drill stops control drilling depth and reduce the possibility of damage and scarring.

> Plier Operated Clecos Wing-Nut Clecos Cylindrical-Body Clecos Hex-Nut Clecos Other Fastening Systems and Accessories







Omega Technologies

Plier Operated Clecos

The Plier Operated (K) series sheet holder clamp is the standard temporary fastener solution. These spring-loaded, steel bodied fasteners are suited for light clamping force (no more than 25 lbs), and are a simple, plier-actuated, inexpensive alternative to competitive fasteners.







KK-3/32, 3/16, 1/8

(K)	
DIAMETER	DRILL SIZE
1/16	1/16
3/32	#40
1 /0	#30

PART NUMBER	Color	DIAMETER	DRILL SIZE
K-1/16	Black	1/16	1/16
K-3/32	Zinc	3/32	#40
K-1/8	Copper	1/8	#30
K-5/32	Black	5/32	#20
K-3/16	Brass	3/16	#10
K-7/32	Zinc	7/32	7/32
K-1/4	Copper	1/4	1/4

KEL: Extra Long

Standard 0-1/4" Gri

Heavy Duty (KHD) 0-1/2" Grip				
PART NUMBER	Color	DIAMETER	DRILL SIZE	
KHD-3/32	Zinc	3/32	#40	
KHD-1/8	Copper	1/8	#30	
KHD-5/32	Black	5/32	#20	
KHD-3/16	brass	3/16	#10	
KHD-7/32	Zinc	7/32	7/32	
KHD-1/4	Copper	1/4	1/4	

Extra Short (KK) 0-1/4" Grip DIAMETER DRILL SIZE PART NUMBER Color KK-3/32 Zinc 3/32 #40 KK-1/8 Copper #30 KK-5/32 Black 5/32 #20 KK-3/16 Brass 3/16 #10

Long (KL) 1/4-1/2" Grip				
PART NUMBER	Color	DIAMETER	DRILL SIZE	
KL-3/32	Zinc	3/32	#40	
KL-1/8	Copper	1/8	#30	
KL-5/32	Black	5/32	#20	
KL-3/16	Brass	3/16	#10	

Extra Long (KEL) 1/2-3/4" Grip				
PART NUMBER	Color	DIAMETER	DRILL SIZE	
KEL-3/32	Zinc	3/32	#40	
KEL-1/8	Copper	1/8	#30	
KEL-5/32	Black	5/32	#20	
KEL-3/16	Brass	3/16	#10	



Special sizes quoted on request

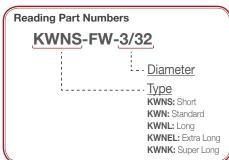






The Wing Nut (KW) series is a hand operated clamp with a wide range of grip force. It is best suited for low-production settings where additional installation tools (pliers, wrenches, ratchets, etc.) are not required. It also allows for application in areas with limited space. The "free-wheeling" wing-nut is easy to grip and will back completely off while still remaining intact with the body. Clamping force ranges from 12-300 lbs, making it suitable for all types of metallic and composite materials.





Short (KWNS) 0-5/16" Grip			
PART NUMBER	Color	DIAMETER	DRILL SIZE
KWNS-FW-3/32	Silver	3/32	#40
KWNS-FW-1/8	Copper	1/8	#30
KWNS-FW-5/32	Black	5/32	#20
KWNS-FW-3/16	Brass	3/16	#10
KWNS-FW-1/4	Copper	1/4	1/4

0-1/2" Grip			
PART NUMBER	Color	DIAMETER	DRILL SIZE
KWN-FW-3/32	Silver	3/32	#40
KWN-FW-1/8	Copper	1/8	#30
KWN-FW-5/32	Black	5/32	#20
KWN-FW-3/16	Brass	3/16	#10
KWN-FW-7/32	Silver	7/32	7/32
KWN-FW-1/4	Copper	1/4	1/4
KWN-FW-5/16	Black	5/16	5/16

Long (KWNL) 0-1" Grip			
PART NUMBER	Color	DIAMETER	DRILL SIZE
KWNL-FW-3/32	Silver	3/32	#40
KWNL-FW-1/8	Copper	1/8	#30
KWNL-FW-5/32	Black	5/32	#20
KWNL-FW-3/16	Brass	3/16	#10
KWNL-FW-7/32	Silver	7/32	7/32
KWNL-FW-1/4	Copper	1/4	1/4
KWNL-FW-5/16	Black	5/16	5/16

Extra Long (KWNEL) 1/2-1 1/2" Grip			
PART NUMBER	Color	DIAMETER	DRILL SIZE
KWNEL-FW-3/32	Silver	3/32	#40
KWNEL-FW-1/8	Copper	1/8	#30
KWNEL-FW-5/32	Black	5/32	#20
KWNEL-FW-3/16	Brass	3/16	#10
KWNEL-FW-1/4	Copper	1/4	1/4
KWNEL-FW-5/16	Black	5/16	5/16



1 1/2-2 1/2" Grip			
PART NUMBER	Color	DIAMETER	DRILL SIZE
KWNK-FW-1/8	Copper	1/8	#30
KWNK-FW-5/32	Black	5/32	#20
KWNK-FW-3/16	Brass	3/16	#10
KWNK-FW-1/4	Copper	1/4	1/4
KWNK-FW-5/16	Black	5/16	5/16

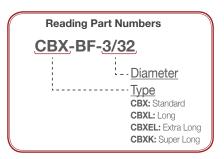
Super Long (KWNK)

Special sizes quoted on request

Cylindrical Body Clecos

The Cylindrical Body (CBX) series is designed to eliminate tedious fastener/tool orientation problems that can result in reduced installation and removal time. The double-lead thread design enhances overall installation and removal efficiency while its large bearing area makes it a suitable choice for both composite and metallic surfaces.





Standard (CBX) 0-1/2" Grip				
PART NUMBER	Color	DIAMETER	DRILL SIZE	
CBX-BF-3/32	Silver	3/32	#40	
CBX-BF-1/8	Copper	1/8	#30	
CBX-BF-5/32	Black	5/32	#20	
CBX-BF-3/16	Brass	3/16	#10	
CBX-BF-7/32	Silver	7/32	7/32	
CBX-BF-1/4	Copper	1/4	1/4	
CBX-BF-5/16	Black	5/16	5/16	

Long (CBXL) 0-1" Grip			
PART NUMBER	Color	DIAMETER	DRILL SIZE
CBXL-BF-3/32	Silver	3/32	#40
CBXL-BF-1/8	Copper	1/8	#30
CBXL-BF-5/32	Black	5/32	#20
CBXL-BF-3/16	Brass	3/16	#10
CBXL-BF-7/32	Silver	7/32	7/32
CBXL-BF-1/4	Copper	1/4	1/4
CBXL-BF-5/16	Black	5/16	5/16

Extra Long (CBXEL) 1/2-1 1/2" Grip			
PART NUMBER	Color	DIAMETER	DRILL SIZE
CBXEL-BF-3/32	Silver	3/32	#40
CBXEL-BF-1/8	Copper	1/8	#30
CBXEL-BF-5/32	Black	5/32	#20
CBXEL-BF-3/16	Brass	3/16	#10
CBXEL-BF-1/4	Copper	1/4	1/4
CBXEL-BF-5/16	Black	5/16	5/16

Super Long (CBXK) 1 1/2-2 1/2" Grip			
PART NUMBER	Color	DIAMETER	DRILL SIZE
CBXK-BF-1/8	Copper	1/8	#30
CBXK-BF-5/32	Black	5/32	#20
CBXK-BF-3/16	Brass	3/16	#10
CBXK-BF-1/4	Copper	1/4	1/4
CBXK-BF-5/16	Black	5/16	5/16



Special sizes quoted on request

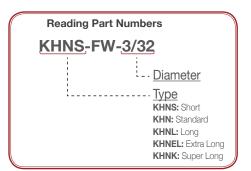
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The Hex Nut (KH) series is a operated with a pneumatic power tool and best suited to high-production settings requiring fast, consistent, uniform clamping force. Its "free-wheeling" design allows it to back completely off while still remaining intact with the body. This fastener is suitable for all types of metallic and composite materials.

1/4





Hex Nut Short (KHNS) 0-5/16" Grip PART NUMBER COLOR DIAMETER DRILL SIZE KHNS-FW-3/32 Silver 3/32 #40 KHNS-FW-1/8 #30 Copper 1/8 KHNS-FW-5/32 Black 5/32 #20 KHNS-FW-3/16 Brass 3/16 #10

1/4

Copper

KHNS-FW-1/4

Standard (KHN) 0-1/2" Grip			
Part Number	Color	DIAMETER	DRILL SIZE
KHN-FW-3/32	Silver	3/32	#40
KHN-FW-1/8	Copper	1/8	#30
KHN-FW-5/32	Black	5/32	#20
KHN-FW-3/16	Brass	3/16	#10
KHN-FW-7/32	Silver	7/32	7/32
KHN-FW-1/4	Copper	1/4	1/4
KHN-FW-5/16	Black	5/16	5/16

Long (KHNL) 0-1" Grip			
PART NUMBER	Color	DIAMETER	DRILL SIZE
KHNL-FW-3/32	Silver	3/32	#40
KHNL-FW-1/8	Copper	1/8	#30
KHNL-FW-5/32	Black	5/32	#20
KHNL-FW-3/16	Brass	3/16	#10
KHNL-FW-7/32	Silver	7/32	7/32
KHNL-FW-1/4	Copper	1/4	1/4
KHNL-FW-5/16	Black	5/16	5/16

1/2-1 1/2" Grip			
PART NUMBER	Color	DIAMETER	DRILL SIZE
KHNEL-FW-3/32	Silver	3/32	#40
KHNEL-FW-1/8	Copper	1/8	#30
KHNEL-FW-5/32	Black	5/32	#20
KHNEL-FW-3/16	Brass	3/16	#10
KHNEL-FW-1/4	Copper	1/4	1/4
KHNEL-FW-5/16	Black	5/16	5/16

Super Long (KHNK) 1 1/2-2 1/2" Grip			
PART NUMBER	Color	DIAMETER	DRILL SIZE
KHNK-FW-1/8	Copper	1/8	#30
KHNK-FW-5/32	Black	5/32	#20
KHNK-FW-3/16	Brass	3/16	#10
KHNK-FW-1/4	Copper	1/4	1/4
KHNK-FW-5/16	Black	5/16	5/16



Special sizes quoted on request

Side-Grip Clamps (KSG)

The plier-operated "KSG" series is designed to clamp material together where no holes are available. Ideal for bonding, gluing and sealant operations, these clamps work well with all types of material. The larger surface area minimizes scarring while its spring-loaded mechanism prevents over-tightening.

Side Grip Clamps			
PART NUMBER	MATERIAL THICKNESS	Jaw Depth	Color
KSG 1/2 x 1/2	0-1/2"	1/2"	Copper
KSG 1/2 x 1	0-1/2"	1"	Copper
KSG 3/4 x 1/2	0-3/4"	1/2"	Brass
KSG 3/4 x 1	0-3/4"	1"	Brass



Side Grip Clamps deliver up to 60 lbs. of clamping force.

Cleco Pliers

Cleco pliers are specially designed for installing spring-loaded temporary fasteners. A specially designed "body seat" holds the fastener in place while the plunger is depressed. These nickel-plated or black-oxide coated pliers are constructed of forged steel to help resist wear, abuse, and corrosion.



Protective Caps

Offered for all Cleco-type fasteners, protective caps protect the surface of a structure from galvanic corrosion and scratches. Available in vinyl, hard plastic and aluminum.

Call Omega customer service staff for size and material options.





Other Fastening Systems and Accessories (cont.)

Cylindrical Body Cleco Speedrunner

This indispensible tool is driven by a durable reversible Ingersol-Rand air motor, and features a patented roller bearing drive system that allows for faster fastenter installation and removal. Its adjustable clampling loads from 100 to 600 lbs.

- No "fastener to tool" orientation problems
- Drives all diameters and grip accomodations
- Adaptable to most "speedrunners" currently used for hex body installation
- Lightweight and compact



For additional information on Speedrunner adaptability or for repalcement parts, please contact Omega's customer service department.

Mini Air Vacuum

Ideal for reaching into tight areas, the mini air vac features all metal construction, and includes a 12" clear flexible plastic tube, a collection bag wth clip, and a quick-disconnect.

Mini Air Vac		
PART NUMBER	DESCRIPTION	
MINI-AIR-VAC	Complete Assembly	
MAV-BAG	Relacement collection bag	
MAV-CLIP	Replacement bag clip	
MAV-TUB	Replacement hose and fitting	

