



## Clecos and Side Grip Clamps

Omega 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

# 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

## Reading Part Numbers

**K-1/16**

----- Diameter  
----- Type

**K:** Standard  
**KHD:** Heavy Duty  
**KK:** Extra Short  
**KL:** Long  
**KEL:** Extra Long



KK-3/16

## Standard (K) 0-1/4" Grip

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

## 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

PART NUMBER	COLOR	DIAMETER	DRILL SIZE
KK-3/32	Zinc	3/32	#40
KK-1/8	Copper	1/8	#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



KK-5/32

KK-3/32

KHD-1/8

K-3/16

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.



KWNL-FW-7/32

### Reading Part Numbers

**KWNS-FW-3/32**

--- Diameter

--- Type

**KWNS:** Short

**KWN:** Standard

**KWNL:** Long

**KWNEL:** Extra Long

**KWINK:** Super Long

## 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

## Standard (KWN)

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

## Super Long (KWINK)

1 1/2-2 1/2" Grip

PART NUMBER	COLOR	DIAMETER	DRILL SIZE
KWINK-FW-1/8	Copper	1/8	#30
KWINK-FW-5/32	Black	5/32	#20
KWINK-FW-3/16	Brass	3/16	#10
KWINK-FW-1/4	Copper	1/4	1/4
KWINK-FW-5/16	Black	5/16	5/16



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.



CBX-BF-5/16

## Reading Part Numbers

**CBX-BF-3/32**

--- Diameter

--- Type

CBX: Standard

CBXL: Long

CBXEL: Extra Long

CBXK: Super Long

## 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

The Hex Nut (KH) series is 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.



KHN-FW-3/16

**Reading Part Numbers**

**KHNS-FW-3/32**

--- Diameter  
 --- Type

**KHNS:** Short  
**KHN:** Standard  
**KHNL:** Long  
**KHNEL:** Extra Long  
**KHNK:** Super Long

## 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	Copper	1/8	#30
KHNS-FW-5/32	Black	5/32	#20
KHNS-FW-3/16	Brass	3/16	#10
KHNS-FW-1/4	Copper	1/4	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

## Extra Long (KHNEL) 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



# Other Fastening Systems and Accessories

## 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 deliver up to 60 lbs. of clamping force.

### 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

## 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.



K-200 shown without grips. The K-200CG version with black cushion grips is also available.

For Drill Stops see page 40

## 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.



## Cylindrical Body Cleco Speedrunner

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

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



For additional information on Speedrunner adaptability or for replacement 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 with clip, and a quick-disconnect.

### Mini Air Vac

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

