

# CLECOS - HOLE SAWS - CRIMPING TOOLS

## CLECO SHEET HOLDERS



**K-SERIES SPRING CLECOS** - Sheet holders provide the quickest method for holding sheets together for drilling or riveting. Drill the size hole needed for the rivet and insert the sheet holder. The holders listed comprise the most common sizes. Material thickness range 0" - 1/4". Use with sheet holder pliers. **10% discount on 50 pcs., 15% discount on 100 pcs.**

Description	Size	Part No.	Price
M-3/32 CLECO	3/32"	12-01140	.
M-1/8 CLECO	1/8"	12-01138	.
M-5/32 CLECO	5/32"	12-01141	.
M-3/16 CLECO	3/16"	12-01139	.

**KK-SERIES SHORT BODY SPRING CLECOS** - A shorter overall body to use in areas of limited space. 0-1/4" grip range. Made in USA

Description	Size	Part No.	Price
CC-3/32 CLECO	3/32"	12-02073	.
CC-1/8 CLECO	1/8"	12-02074	.
CC-5/32 CLECO	5/32"	12-02075	.
CC-3/16 CLECO	3/16"	12-02076	.

**KHD-SERIES LONG REACH SPRING CLECOS** - Designed for clamping thicker material. 0-1/2" grip range. Made in USA

Description	Size	Part No.	Price
CHD-3/32 CLECO	3/32"	12-02077	.
CHD-1/8 CLECO	1/8"	12-02078	.
CHD-5/32 CLECO	5/32"	12-02079	.
CHD-3/16 CLECO	3/16"	12-02080	.

## CLECO KEEPER



Fabricated of durable polypropylene, the Cleco Keeper is prepunched to hold up to fifty sheet metal fasteners.

Allows the builder to extract and install Clecos from the storage bin to the work with one hand. Compact, the Cleco Keeper measures 8"L x 3"W. Helps eliminate misplaced fasteners and makes inventory of available fasteners quick and accurate. Available in three models to hold 3/32", 1/8", or 5/32" clecos. For 3/32" clecos.....P/N 12-10116  
For 1/8" clecos.....P/N 12-10117  
For 5/32" clecos.....P/N 12-10118  
For 3/16" clecos.....P/N 12-00604

## NO-MAR™

### REUSABLE CLECO BOOTS

Eliminates surface marring both on painted and unpainted surfaces. Easily slips on plier operated style clecos, one size fits all. Yellow polyurethane color. 25 pcs./pkg. P/N 12-00626



### CLECO SHEET HOLDER PLIERS

These pliers are designed to grip and actuate all standard sizes of sheet holders and tension clamps. New manufacture. P/N 12-10105



### CLECO REVERSE PLIERS

Used in limited access areas. requires less travel per activation. Model TP74B. P/N 12-00370



### PNEUMATIC CLECO INSTALLATION TOOL

This new pneumatic cleco installation tool features a lever throttle, 360° swivel mount, quiet operation, a straight handle, and a 6ft. polyurethane lead hose. The ergonomic design and its ease of operation allow for quick insertion of all button or plunger type fasteners, including side grips. Wt. 12 oz. Length: 5 1/8", Air Inlet: 1/4". P/N 12-01120



### COUNTERBORE

This 5/8" diameter boring tool, has 1/4" diameter pilot. A 10" thread extension is used for boring holes in hard-to-reach places. Primary use is in the installation of the landing gear on the LongEZ and Cozy aircraft. 3/4" bore does not have 1/4" pilot and must use the pilot received with the 5/8" boring tool. 5/8" dia. w/pilot.....P/N 12-00219  
3/4" dia. w/o pilot.....P/N 12-00220



### HEAVY-DUTY SHOE SAW ARBORS

**ARBOR** - Use for hole saw sizes 5/8" through 1-3/16". 3 milled flats prevent slipping in chuck. Pilot hole size 1/4". Has 1/4" shank. P/N 12-01993



**QUICK CHANGE ARBOR** - Use for hole saw sizes 1-1/4" and larger. The Quick Change 7/16" shank prevents slipping in chuck. Pin drive construction permits fast interchanging of hole saws without removing arbor from chuck. Pilot drill size 1/4". P/N 49-56-7055

## STURDY STEP SAFETY PLATFORM



This 22" square platform puts you at the right height so you can work comfortable and safely. Heavy duty construction for years of dependable use. With the Side-Kick, your Sturdy-Step is even more useful. It attaches to the Step in seconds and keeps all of your hand tools and small parts at your fingertips.

**Features:** Holds up to 350 lbs. • Rubber non-slip feet • Meets all of OSHA safety requirements •

The top & bottom steps feature perforated tread areas to help prevent slips • Yellow traction markers are also placed on the edge of each step for added safety. P/N 12-00206

## ACCESSORIES FOR THE STURDY-STEP

**SIDE KICK TRAY** - Tray holds many small tools and allows you to work without making several trips to the work bench or tool box. Attaches to Sturdy-Step with one Phillips head screw and a special clip. Wheels allow you to move the step without lifting or dragging. P/N 12-00207

**KICKSTAND** - Adds extra stability and increases maximum load capacity to 25 lbs. P/N 12-00209

**SPRING-LOADED CASTER SET** - Caster assemblies make it easier to move Sturdy-Step without lifting or dragging. Each caster is equipped with a special spring. When you step on the Sturdy-Step, it settles onto the rubber feet, making it a stable, work platform. Set includes 4 caster assemblies, installation hardware & instructions. P/N 12-00208

**WHEEL AND HANDLE KIT** - Attaches to the Sturdy-Step quickly and easily. Wheels allow you to roll the step freely without lifting or dragging; no more back bending, no marred floors. Tip of handle is 44" from ground. Net weight: 7 lbs. P/N 12-00211

## HEAVY-DUTY BI-METAL HOLE SAWS



Milwaukee hole saws provide an economical means of extending the useful range of portable drills, drill presses and lathes. High speed cutting edges welded to steel bodies produce clean, accurate holes. All hole saws listed cut to standard 1.25" depth. Order appropriate arbor for use with each size hole saw.

Hole Dia.	Part No.	Use w/Arbor No.	Price
5/8"	49-56-0620	12-01993	.
3/4"	12-02001	"	.
7/8"	12-01992	"	.
1"	49-56-1000	"	.
1-1/8"	12-01991	"	.
1-3/16"	49-56-1180	"	.
1-1/4"	49-56-1250	12-02001	.
1-3/8"	49-56-1370	"	.
1-1/2"	12-01990	"	.
1-5/8"	49-56-1620	"	.
1-3/4"	49-56-1750	"	.
1-7/8"	49-56-1870	"	.
2"	49-56-2000	"	.
2-1/4"	49-56-2250	"	.
3-1/8"	49-56-3120	"	.

## SUPERCHAMP IV CRIMPING TOOL

The professional quality crimping tool. This versatile hand tool has a separate set of crimping dies for insulated terminals and splices in wire sizes No. 22 to No. 10 AWG. It has a terminal locator to position insulated terminals during crimping and an in-nose cutter for tight locations. This tool is a wire stripper and has a built-in heavy duty bolt cutter. Color coded dies in tool nose correspond to color on terminal insulation sleeve to insure die selection. A stud gauge and wire stripping gauge are important on the tool body. Cushioned handles. P/N 604252-1



## BANTAM ROTA-CRIMP TOOL

The AMP Bantam Rota-Tool crimps uninsulated terminals and splices for No. 8 to 1/0 sizes. The correct die position is selected by rotating dies to correct AWG number. Dies are fixed in tool to avoid loss. Compact, rugged and easy to handle. 15" long. Wt. 5 lbs. Not for certified Aircraft use. P/N 601075



## 3M™ CRIMPING TOOL TH-440

High carbon, heat-treated steel crimping tool that has a unique design that provides a high strength/weight ratio that crimps a broad range of 22-10 AWG terminals and connectors. P/N 12-01146

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