

CABLE & WIRE



MILBAR® SAFETY WIRE PRODUCTS



1 - REVERSIBLE SAFETY WIRE TWISTER WITH WIRE CATCHER

Milbar's new safety wire twister pliers (formally the TigerWave) offer the best of all worlds! Now you can twist safety wire in either direction with a simple turn of a sleeve - a second tool is not needed for left handed twisting. The new jaw design holds the wire firmly without nicks or scrapes. It also features a spring-loaded return for easy operation in tight areas. One year warranty, made in the U.S.A.

- No. 25W(6")
- No. 26W(9")



2 - RIGHT HAND SAFETY WIRE TWISTER

The Milbar right-hand safety wire twister has a diagonal nose for easier use in tight areas, and features an automatic spring return for faster operation. They are used throughout the aerospace industry as well as in the military. Forged from the highest quality steel and machined to exacting standards, these pliers are built to hold up to heavy use. One year warranty, made in the U.S.A.

- No. 11WS.....(6")
- No. 1W393(9"-NSN 5120-01-307-5134)



3 - LEFT HAND SAFETY WIRE TWISTER

These safety wire pliers produce a left-handed twist. They have an automatic spring return, and feature a diagonal nose that will reach into tight areas. They are made to the same high quality standards of products that carry the Milbar name. One year warranty, made in the U.S.A.

- No. 5W4(9")



4 - SAFETY WIRE SPECIALTY TWISTER

The Milbar Specialty Twister is ideal for difficult access situations. Its deep, slender reach will take it into areas that just cannot be reached with ordinary safety wire pliers. Adjustable 9" to 12", right hand twist with manual return.

- No. 13W



5 - PROFESSIONAL SAFETY WIRE KIT

This is the most versatile safety wiring kit available, and it belongs in every professional's tool kit. It includes three Safetytwist® wire twisters that will cover any application. The kit includes a 6" Mini Twister with tapered nose, a 9" Spring Return Twister, and the 13W specialty twister that is adjustable from 9" to 12". Also included are three 1/4 lb. spools of annealed stainless steel wire (.020", .032", .041"). It's all packed in a durable plastic carrying case. (NSN 5180-90-986-8939).

- No. 105W (Milbar Brand)
- No. WW100(Economy)





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1 - SAFETY WIRE TWISTERS

- No. 6WA(6" with automatic return)
- No. 1WA(10" with automatic return)



2 - ATS EZ-TWIST SAFETY WIRE BIT

The new EZ-TWIST safety wire twisting bit is another ATS exclusive product. It quickly snaps into any 1/4" bit holder (or chuck) for instant use. Simply string the safety wire through the bolt or nut to be wired and run the wire ends into the EZ-TWIST. Then, set your drill to forward (or reverse for left-handed twists), and twist away... EZ-TWIST is available in a 3" length for tight spaces, or in a deep-reaching 6" length.

- No. EZT3(3")
- No. EZT6(6")



3 - HAND SAFETY WIRE TWISTER

The hand twister is a convenient way of twisting safety wire in very confined areas. The narrow shaft reaches into areas that are inaccessible to other safety wire tools.

- No. 134(8")
- No. 134L.....(12")



4 - SAFETY WIRE DRILL JIG

This tool provides a fast and simple way to drill safety wire holes in the HEAD as well as the BODY of AN bolts, and studs. Works with all Hex Head, Allen Head, and Cap Head bolts from size 3/16" to 5/8." Includes holder, drill bushing (2), and 1/16" drill bits (2). Made from anodized 6061-T6 Aluminum for durability.

- No. 6061A



5 - AERO SafTblock

Designed to let you safely drill wire holes in bolts on center without damage to the bolt or drill. Just thread the bolt to the required depth and drill through the pilot hole. Creates a perfect hole every time. Accepts sizes 8-32, 10-32, 1/4x20, 1/4x28 and 5/16x24. Made in the USA.

- No. MT001



6 - NUT SafTblock

Special design enables you to drill safety wire holes through the head of bolts or through nuts, across the diagonal. Accepts up to 3/4 inch diameter nuts and bolts. Easy to use, just place the bolt head into the "V" groove, tighten the holding screw, drill and deburr. Made in the USA.

- No. MT002



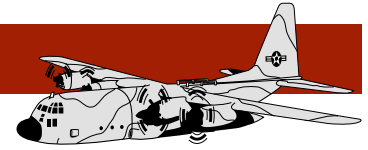
7 - SAFETY WIRE

Stainless steel annealed, used to secure bolts, nuts or hardware subject to vibration. Comes in no waste 1 lb. dispenser cans. Type 302. MS-20995C; MIL-w-6713.



PART NUMBER	DIAMETER	PRICE
302-21	.021	
302-32	.032	
302-41	.041	

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1 - DELUXE CABLE TENSIO METER

A precision instrument that is designed to provide direct readings of control cable tensions during aircraft maintenance and rigging operations. The unit is easily operated with one hand because the clamping lever is located on the side of the unit. An "on/off" button is provided to lock the dial pointer at its reading position so that the unit can be removed prior to reading when used in tight areas. Calibration is readily checked with the reference test bar supplied with each unit.



Range in Lbs.	Cable Sizes	Accuracy
10-200	1/16", 3/32", 1/8"	5%
30-200	5/32", 3/16"	5%
80-200	7/32", 1/4"	5%

No. C8.....

2 - COMPACT CABLE TENSIO METER

The extremely small size of this tensiometer permits entry through small openings, and permits accurate readings on cables located in confined areas. Each instrument is calibrated at the factory and is provided with its own calibration chart for the simple conversion of readings into pounds of tension. The chart also indicates the risers that must be used to accommodate various sizes and tensions. This tool is so easy to use that the entire testing operation can be done with one hand in a matter of seconds.

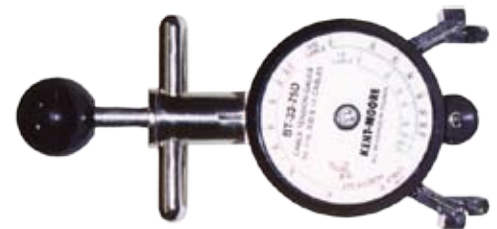


Range in Lbs.	Cable Sizes	Riser Used	Accuracy
10-100	1/16", 3/32", 1/8"	Number 1	5%
15-150	5/32", 3/16"	Number 2C	5%
25-150	7/32", 1/4"	Number 3	5%

No. MC257..... (Model Type T5-2002-101-00).....

3 - CABLE TENSIO METER

This tool combines low cost with high quality and accuracy. It's a direct reading tensiometer that's compact enough to fit through inspection holes.



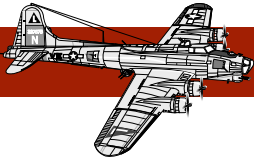
Part Number	Range in Lbs.	Cable Sizes	Price
3375D	15-70	1/16", 3/32", 1/8"	
3375G	50-350	5/32", 3/16"	
3375H	50-350	1/4"	
KM8159	Set of 3 Tensiometers plus storage case		

4 - AIRCRAFT CONTROL CABLE RIGGING TOOL

An absolute must when rigging aircraft cables, saves time and simplifies the rigging of flight controls. Tool is easily installed with one hand in tight spots, and the chain resists cable rotation while allowing tool to conform to its confines. Works on all cables 1/16" to 1/4" having MS thimbles or equivalent on any size aircraft.



No. ADE4U



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LOOS & CO. CABLE PRODUCTS

1 - LOCOLOC® KEARNEY CABLE SWAGING MACHINE

This portable, hand operated roll type swaging machine will swage MS and AN type terminals onto galvanized and stainless steel cables from 1/16" diameter up to and including 3/16" diameter. You may purchase the tool only and get only the dies you need, or you can purchase the complete kit. The kit includes the machine, a full set of roll dies, terminal gauges, feed guide adapters, and a steel carrying and storage case.



PART NUMBER	DESCRIPTION	PRICE
M1-K	Complete kit which includes all of the items listed below. Shipping weight 64 lbs.	\$
M1	Swaging machine only with case, Feed Guide Assembly, & Feed Guide Adapters	\$
M1-B2	1/16" Ball Terminal Die	\$
M1-B3	3/32" Ball Terminal Die	\$
M1-B4	1/8" Ball Terminal Die	\$
GAB24	Ball Terminal Gauge (1/16"-1/8" cable)	\$
M1-S2	1/16" Straight Terminal Die	\$
M1-S3	3/32" Straight Terminal Die	\$
M1-S4	1/8" Straight Terminal Die	\$
M1-S5	5/32" Straight Terminal Die	\$
M1-S6	3/16" Straight Terminal Die	\$
GAS26	Straight Terminal Gauge (1/16"-3/16" cable)	



2 - BENCH SWAGER

For in-shop one location jobs. Multi compression jaws swag 1/16", 3/32", 1/8", 5/32" and 3/16" oval and stop sleeves plus 7/32" stop sleeves. 22.5" long, 6.25" high. Shipping weight 6.6 lbs.

No. 1BSC (LOOS & CO. LOCOLOC® model).....
 No. B64-CGMP (GBG model).....

3 - HAND SWAGER

Multi-compression hand swager with cable cutter. Swages 1/16", 3/32", 1/8", 5/32", and 3/16" oval and stop sleeves, plus 7/32" stop sleeves, total of 11 sizes plus the ability to cut up to 7/32" diameter aircraft quality steel cable (1SC only). A tool with a dozen functions! Only 26" long. Shipping weight 6.5 lbs.

No. 1SC (LOOS & CO. LOCOLOC® model).....
 No. 64CGMP (GBG model).....

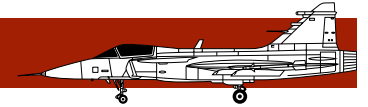
4 - LOCOLOC® CABLE SWAGER KIT

This kit contains everything you need to swag cable sizes from 1/16" up to 3/16". It has an assortment of oval and stop sleeves, AN steel thimbles, compression gauge, steel tool box, plus the No. 1 swager, and the C-7 cable cutter.

No. CSS-1



CABLE & WIRE



1 - HAND SWAGER

Ideal for quick swaging of nicopress sleeves onto cables. The #2 swager will do 1/16", 3/32", and 1/8" cables. The #3 swager is for 1/8", 5/32", 3/16" and 1/4" cables. A Go-No-Go Gauge is included with both the 2SKT and 2.

- No. 2SKT (Complete Kit with thimbles and Sleeves)
- No. 2 (For 1/16", 3/32" & 1/8" Cable).....
- No. 3 (For 1/8", 5/32", 3/16" & 1/4" Cable).....
- No. 54-11 (Go-No-Go Gauge)



2 - CABLE DIAMETER GAUGE

Quickly and accurately measures standard cable diameters. Measures sizes: 1/16", 3/32", 1/8", 5/32", 3/16", 7/32", 1/4", 9/32", 5/16", 3/8".

- No. GAP4.....



3 - SWAGER GAUGE

Checks your cable swages to see if they meet acceptable standards. Measures sizes: 1/32", 3/64", 1/16", 3/32", 1/8", 5/32" and 3/16".

- No. GA1P.....

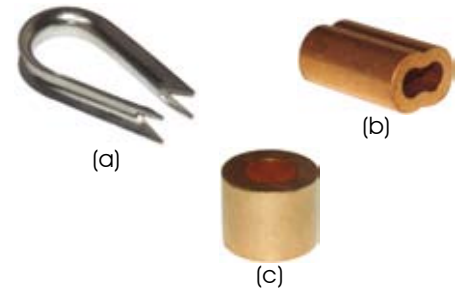


4 - AN100 THIMBLES, OVAL & STOP SLEEVES

Thimbles are made of stainless steel. Oval and Stop sleeves are made of copper.

THIMBLES (a)			OVAL SLEEVES (b)			STOP SLEEVES (c)		
Part	Size	Price	Part	Size	Price	Part	Size	Price
C3	1/16	.50	SL-2	1/16	.35	ST-2	1/16	.40
*C4	3/32	.60	SL-3	3/32	.35	ST-3	3/32	.45
*C4	1/8	.60	SL-4	1/8	.53	ST-4	1/8	.45
C5	5/32	.65	SL-5	5/32	.80	ST-5	5/32	.60
C6	3/16	.69	SL-6	3/16	1.85	ST-6	3/16	.80

*The C4 is used for both 3/32" and 1/8" cables.



5 - FELCO® DELUXE CABLE CUTTERS

Swiss made cutters are recognized around the world for their precision cutters. They feature a unique triangular jaw that cuts cleanly and never frays the end. New handle design allows you to cut with less effort. 3/16" capacity.

- No. C7..... (Felco® Brand).....
- No. 0690TN (Cooper Tools® Brand).....



6 - ECONOMY CABLE CUTTER

Unique triangular jaw never leaves a frayed end. Cuts up to 3/16" steel cables.

- No. 316.....

