

# WISE GRIPS - UNIBITS



Locking Pliers,  
two straight jaws



Locking Pliers,  
two curved jaws



Locking Nose Jaw  
with wire cutter



"C" Clamps



12 LC Large Jaw  
Locking Pliers

Vise-Grip Style	Size	Part No.	Price
Locking Pliers with Two Straight Jaws	7"	12-00196	.
	4"	4WR	.
Locking Pliers with Two Curved Jaws and Wire Cutter	5"	12-00194	.
	7"	12-00189	.
Long Nose Jaws with Wire Cutter	4"	12-00190	.
	6"	12-00192	.
	9"	12-00198	.
Locking "C" Clamps	6"	12-00188	.
	11"	12-00195	.
Large Jaw Locking Pliers, Opens to 3-1/8"	12"	12-00197	.

## TIGHT-FIT DRILL KIT



Space, every inch of it, is at a premium in aircraft design as shape and weight is critical to function. Also, airplanes are riveted together which requires thousands of holes to be drilled in difficult locations without scratching or marring the work surface. So, engineers needed to design a versatile "chuck-less" drill attachment that could reach into very confined areas. The answer was found in putting threads on the shanks of drill bits. The benefits are significant. Threaded drill bits eliminate the need for a chucking mechanism. Freed of this restriction, it is possible to do a

wide variety of jobs in places with extreme space limitations (less than 1" x 2"). Chuck slippage is all but eliminated while the precision mating angle between threaded drill and drive spindle insures concentricity. Drill bit change times are reduced, an exact working drill bit length is insured and the chance of marring or scratching the work surface is greatly reduced. The Model 00105 Kit includes: a versatile close-quarter Right Angle Drill Attachment capable of drilling up to 1/4" diameter holes and compatible with all standard power drills, a 6" Threaded Extension for those deep hard-to-reach spots, a Chucking Spud which allows direct use of threaded TightFit® drill bits and extensions with your standard drill motor, five aircraft quality threaded TightFit® drill bits (Short Drill Bit Set, 00133), a Tight Fit® 3-Way Wrench, and is packaged in a red, heavy-duty, blow-molded storage case. Features: Attaches to any power drill; Recommended operating speed not to exceed 2500 rpm. • Light weight; Right angle drill weighs 1/3 of a pound and rotates 360 degrees for tight-spot access. • Threaded components allow for fast, easy tool changes; Drill over, under or around obstructions. • Design allows "deep reach" in confined areas; Provides utility of extension drill bit set.

P/N 12-01334.....

## ACCESSORIES

- Stub Drill Kit** - 5 Drills 9/16" long in 3/32", 1/8", 5/32", 3/16", 1/4" Dia. P/N 12-20310.....
- Short Drill Kit** - 5 Drills 1-1/8" long, in same diameters as above P/N 12-20320.....
- Long Drill Kit** - 5 Drills 2" long in same diameters as above. P/N 12-20330.....
- Screwdriver Set** - #1 & #2 Phillips bits, small & large slotted bits. P/N 12-20340.....
- Extension Set** - 4 Extensions in 1/2", 3" 6" & 9" (can be combined for a work length of 18") P/N 12-20350.....
- Collet Adapter** - Designed to hold all 1/4" shank accessories (countersinks, rotary files, sanding drums). P/N 12-20360.....

## DELUXE TIGHT FIT TOOL KIT PROFESSIONAL MODEL



Includes right angle drilling attachment, 6" extension rod, chucking spud, threaded countersink, (6) stub drill bits (9/16" long) & (6) short drill bits (1-1/2" long) in the following diameters: 1/16", 3/32", 1/8", 5/32", 3/16", 1/4". (1) threaded apex socket adapter to fit the angle head & extension rod. (4) screwdriver bits Number 1 & 2 slotted and Number 1 & 2 Phillips. (1) 1/4" threaded collet adapter to fit the angle head, extension rod or spud adapter. (1) 5/16" combination wrench. All above items are packed in a hard blow molded "everything in its place" aircraft mechanic style carrying case. The case even floats when fully packed. There is also a special internal tray for other drills or accessories. P/N 12-11215.....



## UNIBIT CARBIDE HOLE CUTTERS

Unlike ordinary hole cutters, Unibit Carbide Hole Cutters cut without hogging, chattering, or vibrating. The aggressive carbide cutting edge holds sharpness for long life. Use them to cut clean, perfectly round holes through steel, stainless steel, aluminum, brass, copper, and many other materials. No center punch is required, and the double ended pilot drill allows for longevity and durability. Available in 16 sizes. Shank size on Hole Cutters 3/4" through 1-1/16" is 3/8", and on cutters 1-1/8" to 1-3/8" shank size is 1/2".

Hole Size	P/N	Price	Hole Size	P/N	Price
7/8"	12-03715	.	1-3/8"	12-03750	.
			2-1/8"	12-03775	.

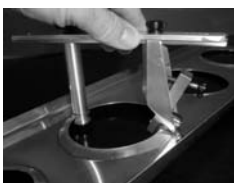


## BLAIR HOLE CUTTER

The Blair hole cutter fits any 1/4" drill and set includes 7 blades (1/4" to 5/8" arbor), pilot and holder. The blades are threaded onto arbor and precise control of the depth of cuts is provided by adjusting screws. Over 3000 holes in sheet metal can be cut by each blade.

Model TP147 ..... P/N 12-00243.....

## FLANGING-360 TOOL



This is a companion tool to the ARC-360 lightning hole cutter. The Flanger-360 will form a 30 degree flange on 2024-T3 aircraft aluminum up to .032" thick and in diameters from 2 to 6 inches. Its polished hardened steel rollers gently and effortlessly form the flange as the operator rotates the tool around the lightning hole.

Unlike other flanging tools that rely on the skill and eye of the operator, the Flanger-360 stays in constant position with the lightning hole via guide rollers as it progressively forms the flange. P/N 12-02030.....

## UNIBIT STEP DRILL



The UNIBIT Step Drill uses a unique single flute design to drill perfectly round holes in thin materials quickly and with less effort than any other bit on the market today. UNIBIT incorporates cutting steps of progressively larger diameter, making it possible to drill up to 13 different hole sizes with a single bit. Once the desired hole diameter is obtained, the hole is automatically deburred by the cutting edge of the next larger step. UNIBIT #1 drills 13 holes in 1/32" increments from 1/8" through 1/2" and has a shank size of 1/4". UNIBIT #2 drills 6 sizes of holes from 3/16" through 1/2" and has a 3/8" step thickness with a 1/4" shank. UNIBIT #3 drills 9 sizes of holes from 1/4" to 3/4" and has a step thickness of 1/8" with a 3/8" shank.

- UNIBIT #1 Step Drill ..... P/N 12-03700.....
- UNIBIT #2 Step Drill ..... P/N 12-03800.....
- UNIBIT #3 Step Drill ..... P/N 12-03900.....

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