**ECONOMY AIRCRAFT TOOLS**

### ECONOMY BLIND HOLE SPOTTERS

<table>
<thead>
<tr>
<th>Size</th>
<th>Description</th>
<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>5/16&quot;</td>
<td>#20 6-1/4&quot;</td>
<td>12-01495</td>
<td>$1.80</td>
</tr>
<tr>
<td>1/4&quot;</td>
<td>#30 6-1/4&quot;</td>
<td>12-01496</td>
<td>$1.80</td>
</tr>
<tr>
<td>3/16&quot;</td>
<td>#40 6-1/4&quot;</td>
<td>12-01497</td>
<td>$1.80</td>
</tr>
<tr>
<td>1/8&quot;</td>
<td>#40 1/4&quot;</td>
<td>12-01498</td>
<td>$1.80</td>
</tr>
</tbody>
</table>

For inserting into drilled holes already bored and marking exact center for opposite hole. Available sizes: 5/16", 1/4", 1/2", 5/32" and 1/8".

### STRAP DUPLICATOR (BUSHING TYPE)

For drilling an accurate hole in overlapping sheets. The bushing type duplicator allows you to locate a hole from the back of an overlapping sheet. #10 #21 #30 #40 1/4" drill sizes, 6-1/4" or 13-1/4". P/N 12-01507 is pictured.

### STRAP DUPLICATOR (INVERTED TYPE)

For drilling an accurate hole in overlapping sheets. The inverted type duplicator allows you to locate a hole from the back of an overlapping sheet. #10 #21 #30 #40 1/4" drill sizes, 6-1/4" or 13-1/4". P/N 12-01507 is pictured.

### KANON CONNECTOR PLIERS

The tool features serrated jaws for improved gripping and a slip joint for improved leverage. Ideal for all common cannon connector applications.

P/N 12-01531..........................$15.70

### SHOP HEAD RIVET GAUGE SET

Set of four gauges for 3-, 4-, 5-, 6-rivets. Each gauge measures Minimum head and Minimum diameter of shop heads AFTER setting. Eliminates guessing if your rivets are properly set. Works for measuring both universal head and flush rivets. Precision machined to size from 2024 aluminum. Rivet size permanently stamped on each gauge. Color coded anodized finish.

P/N 12-01533..........................$9.85

### RIVET LENGTH GAUGE


P/N 12-01534..........................$4.95

### DRILL EXTENSION THREADED

These are used to extend a standard chuck drill to 1/4-28 female threads.

2"..........................P/N 12-01535 $3.75
4"..........................P/N 12-01536 $3.75
6"..........................P/N 12-01537 $3.75

### DRILL EXTENSION DUAL THREADED

Use these different length extensions in your 90° or 45° drills. 1/4"-28 male threads on one end and 1/4"-28 female threads on the other.

2"..........................P/N 12-01541 $4.35
4"..........................P/N 12-01542 $3.85

### SLIM MICRO-STOP

A slim design that's only 11/16" outside diameter. Used for those narrow areas that can't be reached with a standard micro-stop. 1/4" Shaft - 1/4-28 Female Threads. Adjustable in .001 increments +1/2" Cuter Capacity. Rates for 3000 RPM use.

P/N 12-01790..........................$19.50

### MICRO-STOP (LONG NOSE)

This micro-stop reaches into very confined areas. 5/16" Quick-change Shaft or regular chuck - 1/4-28 Female Threads - Adjustable in .001 increments - 3/8" Cuter Capacity. Rates for 3000 RPM use.

P/N 12-01789..........................$28.75

### MICRO-STOP (NYLON FACING)

1/4" Shaft - 1/4-28 Female Threads - Adjustable in .001 increments +11/16" Cuter Capacity +3/8" Capacity - Rates for 3000 RPM use.

P/N 12-01788..........................$22.50

### 5.5" STRAIGHT & OFFSET RIVETS

Made of steel and heat-treated for long tool life. The precision made cups are highly polished. .401 shank. Length: 5.5". Cup Sizes: 3/32", 1/8", 5/32" & 3/16". For AN470 rivets.

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<tbody>
<tr>
<td>3/32&quot;</td>
<td>Aluminum Rivet</td>
<td>P/N 12-02342</td>
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<tr>
<td>1/8&quot;</td>
<td>Aluminum Rivet</td>
<td>P/N 12-02343</td>
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<tr>
<td>5/32&quot;</td>
<td>Aluminum Rivet</td>
<td>P/N 12-02342</td>
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### RADIUS CHECK

Radius Check is a hand-held tool which can be used to check the radius of parts and panels used in the construction of aircraft. Also used extensively in the restoration of antique and classic automobiles.

P/N 12-21595..........................$35.85

### RADIUS OR FILLET GAUGES

16 leaves, especially for checking radius of inside and outside fillets and corners. Checks 1/32 to 1/8" by 64ths.

P/N 432A..............................$26.50

### CAMLOC PLIERS

These Camloc Pliers are used to depress #2600, #2700 and #4000 series Camloc (C-LOCK) studs so they can be properly installed. Pliers are manufactured from forged steel and feature polished bearing surfaces to avoid scratching the stud as it’s being installed. The grips are rubber cushioned for extra comfort and to reduce slipping.

P/N 12-01475..........................$18.75

### ECONOMY SAFETY WIRE TWISTERS

These top quality twisting lock pliers with automatic return are economically priced and extremely durable. Features a sharp cutting edge and will twist up to .060" dia. safety wire. Length 6" & 9". Foreign made.

6"..........................P/N 12-01472 $19.90
9"..........................P/N 12-01473 $19.75

### BRASS RIVET SET

This rivet set has a soft face to prevent damage to the fastener when inserted or removed. Fits into any standard rivet gun or air hammer that supports .401" shank tooling, 3 1/8" overal length. P/N 12-01543..........................$8.90

### RIVET GUN SHAFT REDUCER

Rivet gun adapter sleeve .401 shank. Made of hardened steel (SKD11) and is open at both ends to allow maximum riveting power.

P/N 12-01544..........................$14.90

### AIR SWIVELS & REGULATOR TOOLS

Air Swivel Connector (Pictured to the left) P/N 12-01530..........................$11.50
Air Swivel Connector P/N 12-01529..........................$9.95
Air Swivel Regulator P/N 12-01545..........................$6.36

### EDGE BREAKER

This tool allows the quick removal of burrs and roughness from the edges of sheet metal. .25" or .187" in diameter grooved blade with safety shield. Safety-grip plastic handle.

P/N 12-01527..........................$9.50