

# TOOLS

## LYCOMING VALVE SPRING COMPRESSOR



This cast aluminum alloy valve spring compressor fits Lycoming parallel valve and angle valve horizontally opposed engines. An excellent tool at an economical price .....P/N 12-21520 ..... ---

## LYCOMING TAPPET GAUGE



Similar to Lycoming Gauge ST23, this tappet gauge is Rockwell hardened to 48-52 and precision ground to .028 and .080. This gauge is a must for professional aircraft mechanics.....P/N 12-00918 ..... ---

## EAR ISLAND REMOVAL TOOL



When substantial quantities of material have to be removed from the exhaust port, it may be necessary to also remove the island around the exhaust stud area. The ear island removal tool and pilot can be used to accomplish this without the use of power tools .....P/N 12-17608 ..... ---

## MAGNETIC SHEET METAL CLAMPS



Great general purpose discs. They are excellent for arts and crafts applications that require a strong, thin disc. Just 1/16" thick, but still a sturdy disc. They are an excellent choice for magnetic therapy. The D81 is deceptively strong for it's size.

P/N 12-05104 ..... ---

## HANDY BEARING PACKER



Quickly Flushes Out Old Grease and Repacks Bearings with Less Mess. The Handy Packer works on bearings up to 3 1/2" O.D. The grease stays in the tool cavity, not on your hands. To pack a bearing, place the bearing on the piston. Press down on the cap until the old grease is forced out and the new grease shows on top of the bearing.

P/N 12-02578 ..... ---

## MAGNETIC FINGER TOOL



This snug and stretchy glove slips on your finger and turns it into a professional tool. The powerful magnet at your fingertip allows you to hold and retrieve any small metal object with precise control. Use it to easily start a variety of fasteners in tight-fitting or difficult to reach places. At work. At home. Anytime your finger needs a magnetic grip on things.....P/N 12-04565 ..... ---

## HEAVY-DUTY BI-METAL HOLE SAWS



Milwaukee hole saws provide an economic all 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	49-56-7055	---
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	"	---

## HEAVY-DUTY SHOE SAW ARBORS



**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 ..... ---

## NUT PLATE DRILL JIGS



Nut Plate Drill Jigs are designed to facilitate accurate rivet hole drilling for standard plate nuts. Nut Plate Drill Jigs are known as Anchor Nuts Or Nut Plates. Hand-held Nut Plate Drill Jigs are manufactured to precise tolerances and include drill bushings to reduce wear and assure consistent hole-spacing. Every Nut Plate Drill Jig features an ergonomically designed handle with a flexible stainless spring blade, allowing for clearance while the jig is in use.

### SINGLE LUG PLATE NUT DRILL JIGS

Nut Thread Reference	(C) Hole Spacing	(P) Pilot Diameter	(K) Drill Size	Part No.	Price
6-32	.344	.1390	#40	12-04781	---
8-32	.344	.1640	#40	12-04783	---
10-32	.344	.1910	#40	12-04784	---
1/4-28	.344	.2480	#40	12-04785	---

### SINGLE MINI LUG PLATE NUT DRILL JIGS

Nut Thread Reference	(C) Hole Spacing	(P) Pilot Diameter	(K) Drill Size	Part No.	Price
6-32	0.218	0.1660	#40	12-04786	---
8-32	0.234	0.1930	#40	12-04787	---
10-32	0.250	0.2180	#40	12-04788	---
1/4-28	0.281	0.2810	#40	12-04789	---

### TWO-LUG PLATE NUT DRILL JIGS

Nut Thread Ref	(C) Hole Spacing	(P) Pilot Dia	(J) Hole Spacing	(K) Drill Size	Part No.	Price
6-28	0.344	0.688	0.1390	#40	12-04790	---
8-32	0.344	0.688	0.1640	#40	12-04791	---
10-32	0.344	0.688	0.1910	#40	12-04792	---
1/4-28	0.344	1.000	0.2480	#40	12-04793	---

### TWO-LUG MINI PLATE NUT DRILL JIGS

Nut Thread Ref	(C) Hole Spacing	(P) Pilot Dia	(J) Hole Spacing	(K) Drill Size	Part No.	Price
6-32	0.2180	0.4360	0.1390	#40	12-04794	---
8-32	0.2340	0.4680	0.1640	#40	12-04795	---
10-32	0.2500	0.5000	0.1910	#40	12-04796	---

### CORNER LUG PLATE NUT DRILL JIGS

Nut Thread Ref	(C) Hole Spacing	(P) Pilot Dia	(J) Hole Spacing	(K) Drill Size	Part No.	Price
8-32	0.344	0.486	0.1640	#40	12-04797	---
10-32	0.344	0.486	0.1910	#40	12-04798	---
1/4-28	0.500	0.707	0.2480	#40	12-04799	---

## MECHANICS EYEBALL DRILL JIG



The eyeball drill jig was designed to help eliminate time consuming manual layout of the holes for the firewall eyeball. It's a great accessory! The drill sequence is started with the center hole for the eyeball, drilling a #30 hole. Once this hole is drilled, a #30 cleco is placed in the center hole. Next, drill all of the perimeter holes with the drill jig and remove the #30 cleco. Take the drill jig off, and increase the center hole to the size of the eyeball. ....P/N 12-04593 ..... ---

## SCREWGRAB ANTI-SLIP GEL FOR STRIPPED SCREWS



Helps remove or tighten all types of fasteners - damaged or rusted. A single dab of ScrewGrab creates a positive grip between metal surfaces (tests have shown as high as 800% ), that virtually eliminates tool wear or rounding and deforming of fasteners • Not a glue • Works instantly • Wipes clean after use • Non-corrosive.....P/N 12-04568 ..... ---

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