

# PLIERS – PUNCHES – BRAKES



## HAND SEAMER

Handy tools for comparatively light work. Wide, deep jaws machined for smooth parallel fit. Form precise folds and seams. Strong, lasting drop-forged steel construction. No. 44 has plain 3 1/2" wide blades. No. 44r is similar with a radius to prevent tearing of aluminum and other light metals. No. 793 has a 3 1/2" wide blade with adjustable depth gauge. P/N 12-00620.....



## HAND SEAMER TP44

• Wide, deep jaws machined for smooth parallel fit • Forms precise folds and seams • 1" deep x 3-1/2" wide throat P/N 44R.....



## ROPER-WHITNEY METAL CRIMPER

Handy crimping tool to disperse excess metal. Depth of throat 1-1/8". Overall length 9". Wt. 1 lb. P/N 111.....

## ROPER-WHITNEY NOTCHER

Designed for fast, accurate 32° notch in sheet metal. Hook design of jaws permits notching to exact desired depth without slippage. Spring-return jaws. Capacity 20 ga. Wt. 1 lb. P/N 141.....

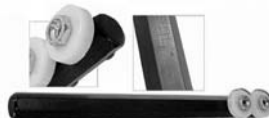


## FLUTING PLIERS

These aircraft-type fluting pliers are a drop-forged quality tool. Non-marring working surfaces of jaws specifically designed for use on aircraft components. Comfort grip handles. P/N 12-00500.....

## HOLE FLANGING TOOL

A real time saver for flanging lightening holes. Non-marring. Easy to use. Nylon rollers and ball bearings assure long life. P/N 12-00600.....



## MIGHTY ROD SHEET METAL BENDER



Designed to bend solid round, square and flat alloys into nearly any shape and angle. FEATURES: • Works on solid materials up to 3/8" diameter. • Coils and bends wires of many sizes. • Includes dies for 1/2", 3/4", 1", 1 1/4" & 1-1/2" diameter bends. • Constructed of 3" x 3" aluminum base 1" thick with a 12" handle 7/8" in diameter. •

Made in the USA. • 1 year Replacement Warranty.

P/N 12-00934.....

## JUMBO ROD SHEET METAL BENDER



Constructed of 4" x 6" aluminum base 1" thick with a 16" handle 7/8" diameter. Bends solid round, square and flat iron. FEATURES: • Works on solid materials of up to 3/8" round and square (1/2" wide flat). • Coils and bends wire of many sizes. • Bends metal to any shape and

degree of angle. • Include dies for 3/8", 3/4", 2", 3" & 4" diameter bends. • Installs on any vise. • Ideal for hobbyists, prototype shops and do-it-yourselfers. • Made in the USA. P/N 12-00935.....



## MAGNUM BENDER

For many homebuilders, the production of high quality aircraft metalwork can be a daunting prospect. There can be hundreds of intricate fittings to produce and many will require accurate bending. Magnum Bender has a BIG capacity and is capable of bending 1/8" thick x 6" wide 4130N. Magnum

bender uses sets of interchangeable bending bars each with two different radii to produce high quality bends, up to, and including 90 degrees. Bending bars are hardened and polished and allow for material 'spring back'. The Magnum Bender is available as either a standard version with 1/16", 3/32", 1/8", 5/32", 3/16" and 1/4" radii. Or, as a metric version, with 3 bending bars offering 1,2,3,4,5 and 6mm radii. Each machine is supplied with two pairs of operating levers, 1 ft. long and 2 ft. long.

Standard version ..... P/N 12-01550.....

Metric version ..... P/N 12-01551.....

## ROPER-WHITNEY METAL PUNCH



#5 JR. HAND PUNCH – with one ton punching power. Punches 1/4" hole through 16 Ga. mild steel. Throat clearance 1-3/4". Complete set in metal box with 3/32, 1/8, 5/32, 3/16, 7/32, 1/4 and 9/32" punches & dies. Wt. 4-1/4 lbs. P/N 12-01600.....



BENCH MOUNT BASE – for stationary use. Base swivels to any position. Punch is held by L-shaped clamp rod through a 7/16" or larger hole in bench. P/N 12-01700.....



STRAIGHT PUNCH & DIE SETS – for No. 5 Jr. punch in the seven sizes shown below.

3/32"	#12-01800	7/32"	#12-02200
1/8"	#12-01900	1/4"	#12-02300
5/32"	#12-02000	9/32"	#12-02400
3/16"	#12-02100	Each Size	/set

## COMBINATION PUNCH & DIMPLING DIE SETS

– For #5 Jr. punch. Punch and dimple in one operation. 3/32, 1/8 or 5/32" 100° punch & dimpling die sets.

1/8".....	#12-02500.....
3/32".....	#12-02600.....
5/32".....	#12-02700.....



## ECONOMY MODEL BENDING BRAKE

For bending and forming. Makes clean, smooth bends and forms up to 90° in metals. 18" & 30" handle up to 16GA aluminum. 40" handles is up to 20GA sheet metal, 18GA aluminum. All include brake bars. Clamps not included. Made in USA.

Up to 18" width stock.....	P/N 12-02800.....
Up to 30" width stock.....	P/N 12-02810.....
Up to 40" width stock.....	P/N 12-02815.....

## HEAVY DUTY BENCH BRAKE

This small, compact brake is excellent for all tough fabrication and repair jobs. The radiused dies make it possible to form those difficult materials such as 2024T3, 4130, and stainless without fear of cracks. Features solid steel bar construction, heavy duty clevis hinges, and portable bench mounting. Includes 2 sets of assorted width reversible dies with 1/16", 1/8", and 3/16" radii, plus complete instructions. Ideal for machine shops, aircraft, race car, boat builders, avionics installers, & auto repair shops. P/N 12-02850.....



## ORIGINAL LANCASTER PORTO-METAL FORMER

The Porto-Metal Former makes the specialty angle needed in minutes. Can be used on the work bench or in a vise to make inside angles, outside angles, straight bends - even circles, to a radius as small as 3". Jaws are made of hardened alloy steel. Works 18 gauge soft steel, 20 gauge stainless, 16 gauge aluminum up to 2" in width. 45 to 1 leverage for powerful press. Special malleable iron body will not break as we have found with cheaper imitations. Order #LSH-71 metal shrinker for inside angles. Order #LST-82 stretcher for outside angles. Wt. 12 lbs. each.



#LSH-71 Shrinker.....	P/N 12-19800.....
#LST-82 Stretcher.....	P/N 12-19900.....
Combination Shrinker/Stretcher Tool.....	P/N 12-02950.....

Either unit can be converted into its opposite by ordering complete conversion kit, includes jaws, blocks & wire.

MOUNTING PLATE - installs on shop vice to allow mounting of shrinker and stretcher ..... P/N 12-00494.....

TO