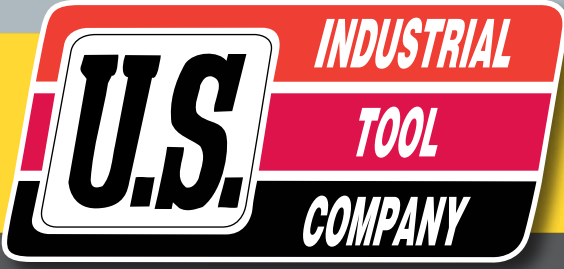
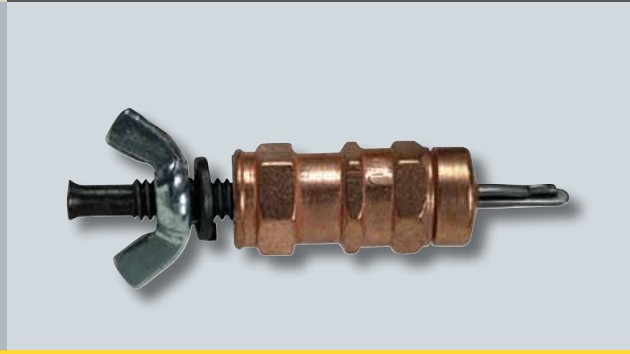


Manufacturing excellence through quality design



US Industrial Tool first opened its doors in 1954 with the aim of being a leading competitor in the aerospace tool acquisition and repair services' industry. Because of high demand and tremendous success, USI began designing and manufacturing its own tools in house. Today, USI is an industry leader, servicing thousands of customers worldwide with impeccable products and services all the while continuing to manufacture its tools in the USA.

From start to finish, your relationship with our company and products will be one that is backed by a long tradition of excellence. And as always, your satisfaction is our top priority.

**RIVET GUNS****2-3****RIVETING TOOLS****4-10, 21-25****RIVET SQUEEZERS & TOOLING****11-20****SHEET METAL TOOLS****41-42****AIR TOOLS****29-39****HAND TOOLS & TESTING EQUIPMENT****40****METAL FORMERS****26-28****NOTES****43-48**

U.S. INDUSTRIAL AIRCRAFT RIVET GUNS

- CE certified
- Takes .401 shank rivet sets
- Lightweight aluminum handle
- Price includes spring retainer & regulator (TP97)
- Precision machined hardened and ground valve
- "Sure Grip" powder coated finish
- Teasing trigger
- Precision machined and hardened cylinder for long life
- Made in U.S.A.
- Do not use without rivet sets

One of our most popular rivet guns, this "X" type feathering trigger riveter allows you to slowly begin riveting without damage to the skin. This gun is used by aircraft mechanics worldwide. It's also the perfect tool for kit builders.

Part No.	Blows Per Min.	Capacity Alum.	Bore	Stroke	Length	Weight
TP82	2580	1/8"	9/16"	1-1/2"	5-11/16"	2.4 lbs.
TP83	2160	3/16"	1/2"	2-7/8"	6-11/16"	2.5 lbs.
TP84	1740	1/4"	1/2"	3-1/16"	8-1/2"	2.75 lbs.



U.S. INDUSTRIAL PROFESSIONAL GRADE RIVET GUNS

- Available in offset or straight handle (specify)
- Comes with retainer spring and regulator (TP2012)
- .401 shank diameter
- Light feathered touch
- Precision machined hardened and ground valve
- "Sure Grip" powder coated finish
- Teasing trigger
- Precision machined and hardened cylinder for long life
- Made in U.S.A.
- CE certified
- Do not use without rivet sets

Part No.	Blows Per Min.	Capacity Alum.	Bore	Stroke	Length	Weight
US1X	3600	1/8"	9/16"	1-1/2"	5-11/16"	2.0 lbs.
US2X	2580	1/8"	1/2"	2-1/4"	6-11/16"	2.3 lbs.
US3X	2160	3/16"	1/2"	2-7/8"	7-5/16"	2.3 lbs.
US4X	1740	1/4"	1/2"	3-1/16"	8-1/2"	2.8 lbs.

U.S. INDUSTRIAL HEAVY DUTY PROFESSIONAL GRADE RIVET GUNS

- Available in offset handle only
- Comes with retainer spring and regulator (TP2012)
- .401 or .498 shank diameter (specify)
- Precision machined hardened and ground valve
- "Sure Grip" powder coated finish
- Teasing trigger
- Precision machined and hardened cylinder for long life
- Made in U.S.A.
- CE certified
- Do not use without rivet sets

Part No.	Blows Per Min.	Capacity Alum.	Bore	Stroke	Length	Weight
US5X	1560	1/4"	3/4"	2-11/16"	9-1/4"	5.0 lbs.
US7X	900	3/8"	3/4"	5-13/16"	11-1/2"	6.1 lbs.
US9X	1140	5/16"	3/4"	3-7/8"	10"	5.3 lbs.



US3X



US7X

NOTE: Long term exposure to low frequency vibration caused by riveting may be harmful to your hands and arms. We suggest you take frequent breaks when riveting to reduce this exposure.

U.S. INDUSTRIAL PROFESSIONAL GRADE LIMITED ACCESS RIVET GUNS

- Available in offset handle only
- **.401 special short shank sets required**
- Comes with retainer spring and regulator (TP97)
- Precision machined hardened and ground valve
- "Sure Grip" powder coated finish
- Teasing trigger
- Precision machined and hardened cylinder for long life
- Made in U.S.A.
- CE certified
- Do not use without rivet sets

Part No.	Blows Per Min.	Capacity Alum.	Bore	Stroke	Length	Weight
US100B	2850	5/32;	9/16"	1-7/8"	3-5/8"	2.1 lbs.
US200B	2700	3/16"	9/16"	2-1/4"	5-3/8"	3.1 lbs.



U.S. INDUSTRIAL "RECOILLESS" RIVET GUNS

- Unique Viscoelastic dampening system reduces damaging low-frequency vibration
- Ergonomic design - comfortable, balanced tool
- Compact design
- Reduced noise output
- Few moving parts create a durable, reliable tool
- TP1 swivel regulator supplied as standard equipment
- Precision machined hardened and ground valve
- "Sure Grip" powder coated finish
- Teasing trigger
- Precision machined and hardened cylinder for long life
- Used by most major aircraft manufacturers
- CE certified
- Do not use without rivet sets



PART NO.	CAPACITY		BORE	STROKE	BLOWS PER MIN.	RIVET SET DIA.	OVERALL LENGTH	WEIGHT	INLET
	ALUM.	STEEL							
US2R	5/32"	1/8"	1/2"	2"	2250	.401	6-7/8"	2.8 lbs.	1/4 NPT
US3R	3/16"	5/32"	1/2"	3"	1900	.401	7-7/8"	3.0 lbs.	1/4 NPT
US4R	7/32"	3/16"	1/2"	4"	1650	.401	8-7/8"	3.3 lbs.	1/4 NPT
US5R	1/4"	3/16"	1/2"	5"	1400	.401	9-7/8"	3.5 lbs.	1/4 NPT

Our recoilless rivet guns have been ergonomically designed for maximum comfort while reducing the job-related effects of prolonged exposure to the vibrations associated with riveting. Independent testing* has shown that our tools will greatly lessen job-related effects of prolonged exposure to vibration and boost user productivity.

*Study performed by the University of Michigan School of Engineering Acoustics and Vibration Laboratory. Reprints of report available upon request.

NOTE: Long term exposure to low frequency vibration caused by riveting may be harmful to your hands and arms. We suggest you take frequent breaks when riveting to reduce this exposure.

U.S. INDUSTRIAL

† “RECOILLESS” BUCKING BARS

Our Recoilless bucking bars greatly reduce the vibration associated with driving rivets. Designed with the same intent as our recoilless rivet gun, these bucking bars can also be used with all conventional rivet guns.

- For up to 3/16 diameter fasteners and 4 lb. dollies
- Quick-change design enables you to change the dollies in just seconds
- † • Several weights to accommodate a wide range of fastener installations
- Viscoelastic Dampening System for maximum operator protection
- † • “Sure-Grip” powder coat finish for positive handling
- Comes complete with TP1500H dolly and 31021 shank
- Ergonomic hand grip ball (31042, shown below) is available at additional cost on TP111 Series tools
- Patented design
- Manufactured in the U.S.A. by U.S. Industrial Tool



TP111R
w/TP1500H Dolly

PART NO.	DESIGN	LENGTH	DIA.	DAMPENED	WEIGHT
TP111R	All Steel	3.78"	1-7/8"	Viscoelastic†	2.00 lbs.
TP111RA	Steel/Alum	3.78"	1-7/8"	Viscoelastic†	1.00 lbs.
TP111RAA	Aluminum	3.78"	1-7/8"	Viscoelastic†	0.91 lbs.

IMPORTANT!!
Bucking rivets without using a recoilless bucking bar exposes the user to much higher vibration than using recoilless with standard bucking bars.

U.S. INDUSTRIAL

† LARGE CAPACITY “RECOILLESS” BUCKING BARS

The TP1111R/TP1111RA fills the need for additional dampening for large diameter and harder grade fasteners. A wide selection of Dolly heads are available.

- For 3/16" or larger diameter fasteners and 4 lb. dollies or heavier
- † • Quick change design enables you to change the dollies in just seconds
- Several weights to accommodate a wide range of fastener installations
- † • Viscoelastic Dampening System/for maximum operator protection
- “Sure-Grip” powder coat finish for positive handling
- Comes with TP0000H2 dolly and 31021 shank
- All dollies include unique safety retainers to retain dolly to bucking bar body
- Manufactured in the U.S.A. by U.S. Industrial Tool

PART NO.	DESIGN	LENGTH	DIA.	DAMPENED	WEIGHT
TP1111R	All Steel	5.75"	1-7/8"	Viscoelastic†	3.20 lbs.
TP1111RA	Steel/Alum.	5.75"	1-7/8"	Viscoelastic†	3.13 lbs.
TP1111RB	All Steel	5.75"	1-7/8"	Viscoelastic†	3.20 lbs.



TP1111RB
w/TP0000H2 Dolly
(Includes 31042
Ergonomic Hand Grip Ball)

ERGONOMIC HAND GRIP BALL PART NO: 31042

- Standard on TP1111RB,
optional on all other types

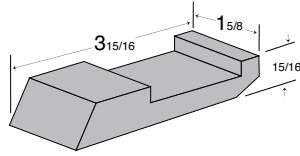
OPTIONAL DOLLY SHANKS

PART NO.	LENGTH
31021	2-1/2" standard
31021-1	3-1/4"
31021-2	4-3/4"
31021-3	6-1/2"

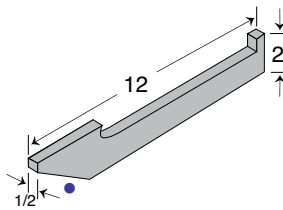
† Patent 5,588,323

U.S. INDUSTRIAL BUCKING BARS

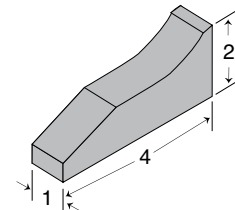
We manufacture our own bucking bars. They are cast with Ductile Iron to insure a non porous finish which is very important in order to have that highly polished finish. They are heat treated to 38-42 RC and can be repolished many times without changing hardness. Work surfaces are highly polished.



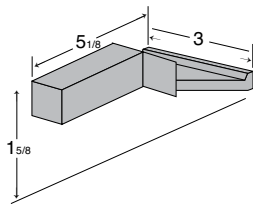
TP638 1.25 lbs.



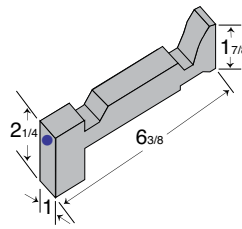
TP646 2.25 lbs.



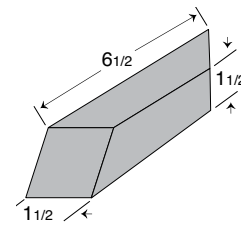
TP647 1.5 lbs.



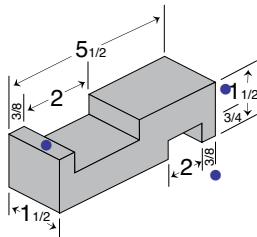
TP669 1.38 lbs.



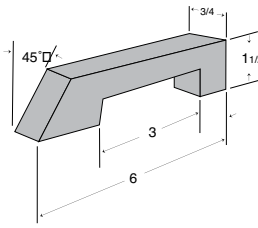
TP670 1.75 lbs.



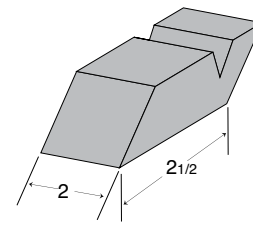
TP692 3 lbs.



TP736 2.38 lbs.



TP760B-1 1.13 lbs.



TP1090 1.38 lbs.

● INDICATES POLISHED SIDE

4-PIECE U.S. INDUSTRIAL BUCKING BAR KIT

PART NO: TP150-4

Contains: TP638, TP647, TP670, TP736



6-PIECE U.S. INDUSTRIAL BUCKING BAR KIT

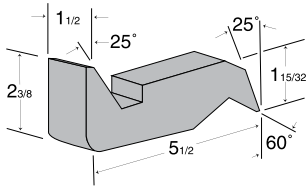
PART NO: TP150-6

Contains: TP638, TP647, TP670, TP736, TP646, TP1090

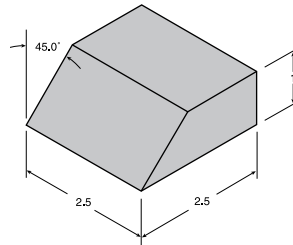


U.S. INDUSTRIAL TUNGSTEN BUCKING BARS

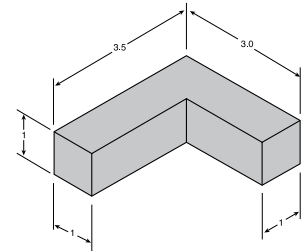
Bucking bars made of tungsten provide increased weight (density) to allow riveting in confined areas. The weight to size ratio provides good kinetic energy transfer and will expedite the installation process. We offer a couple standard shapes and a consistent weight that should allow up to 3/16 diameter fastener installation.



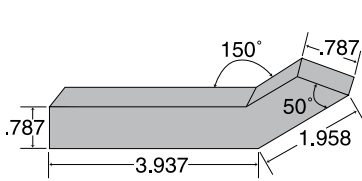
TP1111T 7.03 lbs.



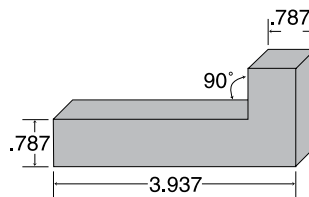
TP51T 3.50 lbs.



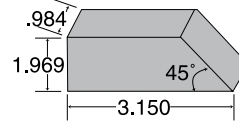
TP52T 3.80 lbs.



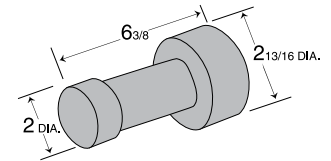
TP54T 2.20 lbs.



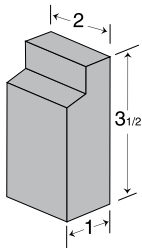
TP55T 1.76 lbs.



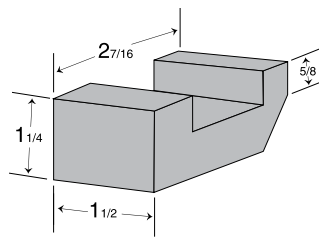
TP56T 2.97 lbs.



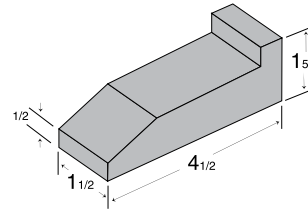
TP601T 12.25 lbs.



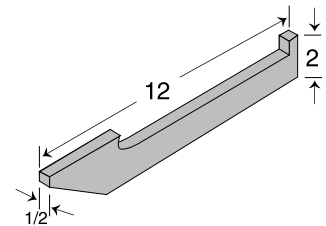
TP605T 3.39 lbs.



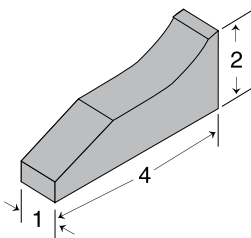
TP634T 2.02 lbs.



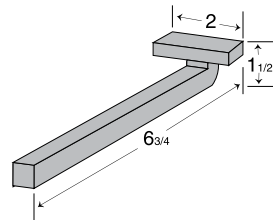
TP639T 3.77 lbs.



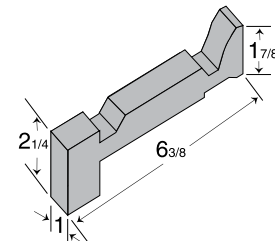
TP646T 6.05 lbs.



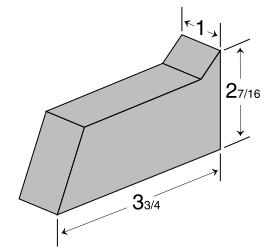
TP647T 3.15 lbs.



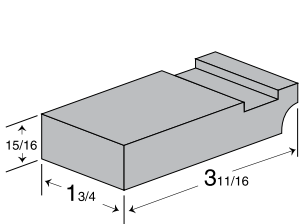
TP662T 4.38 lbs.



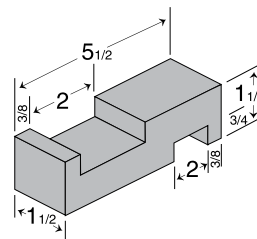
TP670T 5.23 lbs.



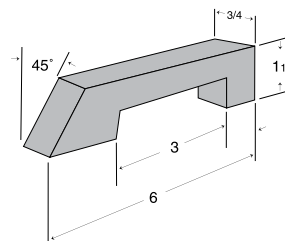
TP721T 3.30 lbs.



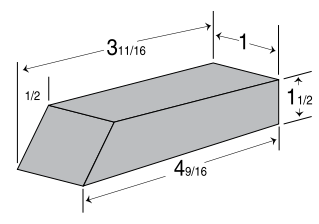
TP723T 3.08 lbs.



TP736T 4.63 lbs.



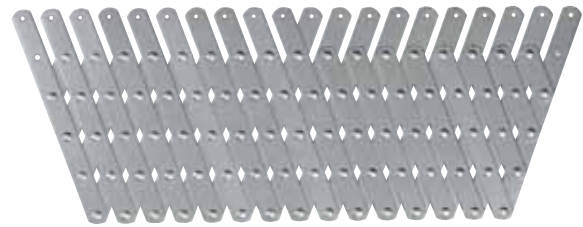
TP760B-1T 2.86 lbs.



TP760B-10T 3.55 lbs.

**U.S. INDUSTRIAL
RIVET FAN SPACING TOOL
PART NO: TP621**

This tool will save hours in layout time for rivet spacing. The rivet fan spacing tool easily expands or contracts while maintaining equal hole spacing. Made of all stainless steel for durability, this tool is a must for all sheet metal fabricators.



**U.S. INDUSTRIAL
C YOKE RIVET SET
.401 SHANK
(1 5/16" reach, 2 3/8" gap)**

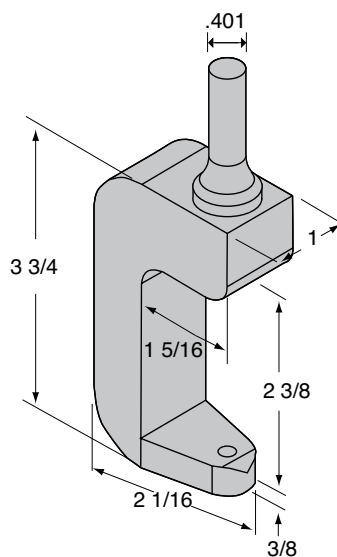
PART NO: SMCK-1A

(Flush face, no set hole)

PART NO: SMCK-1

(With .187 set hole for squeezer set)

- .401 shank for rivet gun
- Shanks available



**U.S. INDUSTRIAL
C YOKE RIVET SET
.401 SHANK
(1 1/2" reach, 2 1/2" gap)**

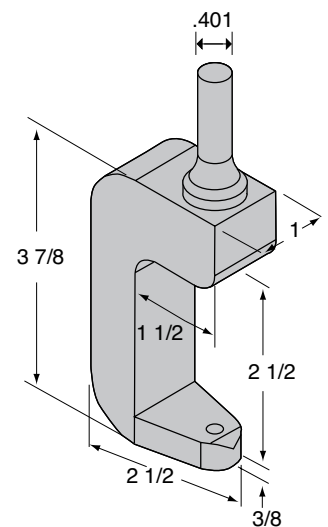
PART NO: SMOF-A-401A

(Flush face, no set hole)

PART NO: SMOF-A-401

(With .187 set hole for squeezer set)

- .401 shank for rivet gun
- Shanks available



**U.S. INDUSTRIAL
C YOKE RIVET SET
.401 SHANK
(1 1/2" reach, 3" gap)**

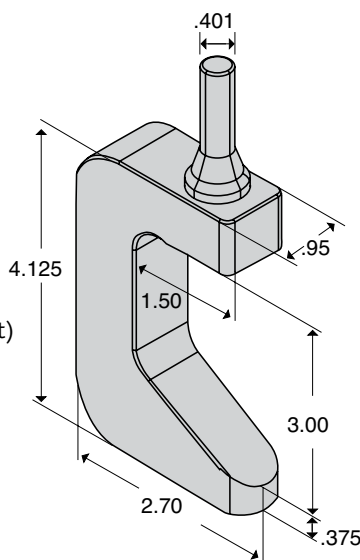
PART NO: SMOF-C-401A

(Flush face, no set hole)

PART NO: SMOF-C-401

(With .187 set hole for squeezer set)

- .401 shank for rivet gun
- Shanks available



**U.S. INDUSTRIAL
C YOKE RIVET SET
.401 SHANK
(1 1/2" reach, 3" gap)**

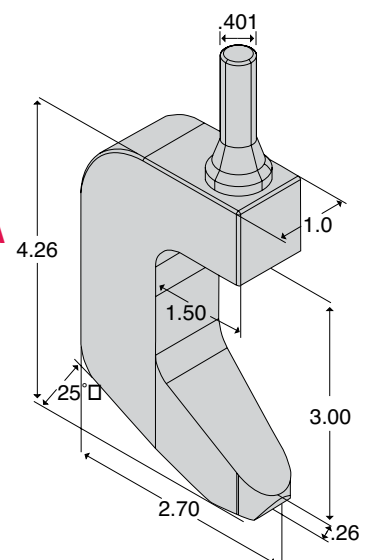
PART NO: SMOF-D-401A

(Flush face, no set hole)

PART NO: SMOF-D-401

(With .187 set hole for squeezer set)

- .401 shank for rivet gun
- Shanks available





RIVET STYLE CHART

CUPPING STYLE	RIVET DIAMETER						SM50/70 ONLY	
	1/16"	3/32"	1/8"	5/32"	3/16"	1/4"	5/16"	3/8"
Round AN430	4302	4303	4304	4305	4306	4308	43010	43012
Flat AN442	4422	4423	4424	4425	4426	4428	44210	44212
Brazier AN455	4552	4553	4554	4555	4556	4558	45510	45512
Mod. Brazier AN456	4562	4563	4564	4565	4566	4568	45610	45612
Universal AN470	4702	4703	4704	4705	4706	4708	47010	47012
Button AN435	4352	4353	4354	4355	4356	4358	43510	43512
Tubular - AN450	4502	4503	4504	4505	4506	4508	45010	45012

To order individual rivet sets, from the chart at the right, call the factory for the part number and current price.

All rivet sets are made from tool grade steel and are heat treated to ensure the highest quality. Some items may require 6 piece minimum order.

UNIVERSAL STRAIGHT 5 PIECE SET MIX

PART NO: TP89 (U.S. Made)
PART NO: TP89-I (Imported)

- 3-1/2" sets
- .401 shank
- Contains one each, with pouch
 - SM10 - 4703 - 3/32"
 - SM10 - 4704 - 1/8"
 - SM10 - 4705 - 5/32"; SM10 - 4706 - 3/16"
 - SM90 - Flush Set 1" dia.



UNIVERSAL OFFSET 5 PIECE SET MIX

PART NO: TP90 (U.S. Made)
PART NO: TP90-I (Imported)

- 3-1/2" sets
- .401 shank
- Contains one each, with pouch
 - SM20 - 4703 - 3/32"
 - SM20 - 4704 - 1/8"
 - SM20 - 4705 - 5/32"
 - SM20 - 4706 - 3/16"
 - SM20 - 4708 - 1/4"



UNIVERSAL STRAIGHT LONG 5 PIECE SET MIX

- PART NO: TP89L**
- 5-1/2" long sets
 - .401 shank
 - Contains one each, with pouch
 - SM11 - 4703 - 3/32"
 - SM11 - 4704 - 1/8"
 - SM11 - 4705 - 5/32"
 - SM11 - 4706 - 3/16"
 - SM92 - Flush Set 1" dia.



UNIVERSAL OFFSET LONG 4 PIECE SET MIX

- PART NO: TP90L**
- 5-1/2" long sets
 - .401 shank
 - Contains one each, with pouch
 - SM21 - 4703 - 3/32"
 - SM21 - 4704 - 1/8"
 - SM21 - 4705 - 5/32"
 - SM21 - 4706 - 3/16"



UNIVERSAL STRAIGHT 6 PIECE SET MIX

- PART NO: TP89-6**
- 3-1/2" sets
 - .401 shank
 - Contains one each, with pouch
 - SM10 - 4703 - 3/32"
 - SM10 - 4704 - 1/8"
 - SM10 - 4705 - 5/32"
 - SM10 - 4706 - 3/16"
 - SM10 - 4708 - 1/4"
 - SM90 - Flush Set 1" dia.



UNIVERSAL GOOSENECK 4 PIECE SET MIX

- PART NO: SMGNK-4**
- 7-1/2" sets
 - .401 shank
 - Contains one each, with pouch
 - SMGN - 4703 - 3/32"
 - SMGN - 4704 - 1/8"
 - SMGN - 4705 - 5/32"
 - SMGN - 4706 - 3/16"



U.S. INDUSTRIAL BENCH TOP HAND RIVETING AND DIMPLING FIXTURE

PART NO: TP6150

16 lbs.

Make the job of dimpling or riveting faster and easier by using our Bench Top Fixture. Allows you to reach deeper into the sheet than is allowable with other hand tools. Ideal for the kit builder.

- Heavy duty solid steel yoke design
- Includes .187 die holder and die extension to accept any standard dimple and die set or squeezer type rivet sets
- 19" throat reach x 4" gap



U.S. INDUSTRIAL RIVET REMOVAL TOOL

PART NO: TP276

PART NO: TP276B

For Trailer or Boat Manufacturing & Repair – AN455/456 brazier style

.28 lb.

Our rivet removal tool is designed to keep the drill bit centered on the AN470 or brazier rivet head. The cupped drill guide also keeps the bit from slipping off and ruining the sheet metal around it. This tool is completely adjustable for drilling depth. It comes complete with four guides and drill bits for #3, #4, #5, and #6 rivets. Made in the U.S.A.

REPLACEMENT BITS

PART NO: TP54L-10

PART NO: TP54L-21

PART NO: TP54L-30

PART NO: TP54L-40



U.S. INDUSTRIAL DIMPLE & DIE SET

PART NO: TP635 (3/32" AN426 rivet)

PART NO: TP636 (1/8" AN426 rivet)

- For use with Pop style hand or powered riveters
- Makes perfect dimples for AN426 100° rivets
- Includes extra mandrels for repeated use
- Ideal for hard to reach areas

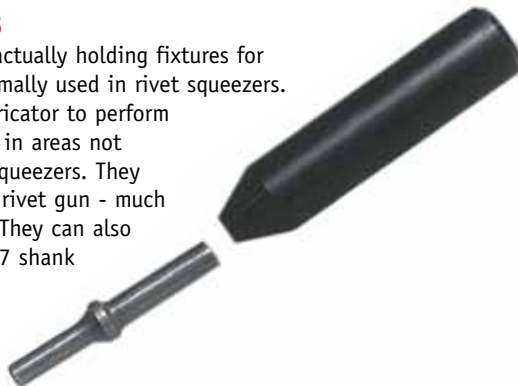


U.S. INDUSTRIAL BUCKING BLOCKS

PART NO: TP93

Bucking blocks are actually holding fixtures for dimple and dies normally used in rivet squeezers.

They enable the fabricator to perform dimpling operations in areas not accessible to rivet squeezers. They are operated with a rivet gun - much like setting a rivet. They can also be used with all .187 shank rivet sets.



U.S. INDUSTRIAL BRAKE LINING RIVET TOOL

PART NO: TP950

1.03 lbs.

- Heavy duty cast frame with "T" handle screw
- Supplied with rivet removal punch, anvil and rivet set for 1/8" rivets
- 3" L x 1" W x 3-1/2" H
- Includes plastic pouch

This is a highly improved method of removing and replacing your brake pads. The feed screw assures complete control and helps eliminate the possibility of damaging the pads. Made in the U.S.A.



U.S. INDUSTRIAL HEAVY DUTY HAND RIVET SQUEEZERS

PART NO: TP888-1 (With 1" "C" yoke, 3.4 lbs. - No Upper Set Hole)

PART NO: TP888-2 (With 2" "C" yoke, 3.85 lbs.)

PART NO: TP888-3 (With 3" "C" yoke, 4.4 lbs.)

PART NO: TP888-4 (With 2" & 3" "C" yokes, 5.4 lbs.)

PART NO: TP888-5 (With 1", 2", & 3" "C" yoke, 6.5 lbs.)

PART NO: TP888-6 (With 5" "C" yoke, 8 lbs.)

PART NO: TP888-7 (With 1", 2", 3" & 5" "C" yoke, 8.5 lbs.)

This versatile tool is available individually as a 1", 2", 3" or 5" model or as combination units. By simply removing 3 hardened pins you can change the yoke to match your riveting or dimpling application. Longer, redesigned handle for increased force and ease of operation. Accepts all sets with .187 shank and comes with four AN470 and two flush rivet sets.

- Capable of forces in excess of 3,600 lbs.
- .187 shank rivet set holes
- Comes with 4 Universal AN470 rivet sets and 2 flush sets (TP116A)
- Adjustable set holder
- 3/32" to 3/16" rivet capacity
- Has removable "C" yoke
- 15.2" length
- Made from ductile steel
- Storage pouch included
- Made in the U.S.A.



HAND RIVET SQUEEZER PART NO: TP116

2.5 lbs.

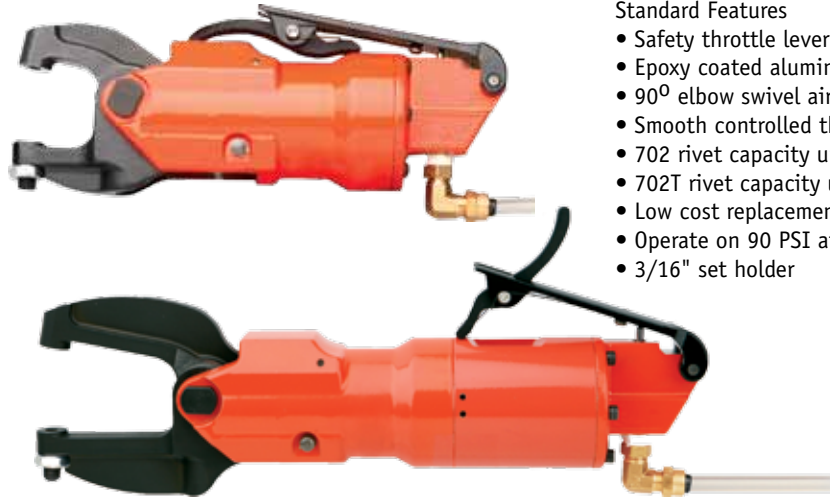
A basic tool for all riveting operations. It has a unique adjustable rivet set holder which can be adjusted for various rivet lengths. All parts are heat treated.

- Heavy duty
- .187 shank rivet set holes
- Comes with 4 Universal AN470 rivet sets and 2 flush sets (TP116A)
- 3/32" to 3/16" rivet capacity
- 1-1/2" reach x 1-1/2" gap
- 14" length
- Storage pouch included



U.S. INDUSTRIAL ULTRALITE COMPRESSION RIVETERS

New Ultra Lite Design



Standard Features

- Safety throttle lever
- Epoxy coated aluminum housing
- 90° elbow swivel air inlet
- Smooth controlled throttle movement
- 702 rivet capacity up to 1/8" aluminum and 3/32" steel
- 702T rivet capacity up to 5/32" aluminum and 1/8" steel
- Low cost replacement parts
- Operate on 90 PSI air
- 3/16" set holder

- PART NO: 22360 - 702 POWER UNIT
- PART NO: 22580 - 702T POWER UNIT
- PART NO: 22342 - 1" JAW ASSEMBLY, 3/16" SET HOLE
- PART NO: 22442 - 1" JAW ASSEMBLY, 3/16" ADJUSTIBLE
- PART NO: 22581 - 2" JAW ASSEMBLY, 3/16" ADJUSTIBLE

MINIMUM AIR PRESSURE: 90 PSI MINIMUM HOSE SIZE: 1/4" DIA.

MODEL	CAPACITY		STATIONARY JAW REACH		GAP		CLOSED HT		MOVING JAW MAX TRAVEL		MAX FORCE 90 PSI lbs	PART OF STROKE AT MAX FORCE (FINAL)		NET WT WITH JAWS		LENGTH			
	ALUMINUM in	STEEL mm	in	mm	in	mm	in	mm	in	mm		in	mm	lbs	kg	in	mm		
702 - 1" jaw	1/8	3.2	3/32	2.4	1	25.4	1-7/64	28.1	.843	21.4	3/8	9.50	2200	1/32	0.79	2.2	1.0	7.33	186.1
702T - 1" jaw	5/32	4	1/8	3.2	1	25.4	1-7/64	28.1	.843	21.4	3/8	9.50	4000	1/32	0.79	2.5	1.1	9.50	241.3
702T - 2" jaw	1/8	3.2	3/32	2.4	2	50.8	1-7/64	28.1	.843	21.4	3/4	19.05	2000	1/16	1.59	2.7	1.2	10.50	266.7

U.S. INDUSTRIAL IMPROVED OUTPUT SQUEEZE RIVETERS

These silent alligator-type compression riveters are excellent for many assembly operations - used in aircraft, automotive, truck, bus components, boats, metal furniture, toys, electronic chassis and appliance assembly.

- One-man operation increases productivity
- Rolling cam and wedge assembly greatly multiplies compression force of piston
- "Squeeze" action permits easy control, exceptional accuracy and uniformity

- High joint integrity independent of operator skill level
- Speed of squeeze riveter can be controlled by throttle
- Swivel air inlet aids maneuverability
- Tandem cylinder doubles compression force available from tool
- Develops full squeezing force with only 90 p.s.i. air pressure
- One piece bearing for long life
- Yellow "Sure Grip" finish for positive handling
- Cast alloy steel lever positioned for user comfort
- Made in the U.S.A.
- CE certified



US114AA
Single Cylinder



US114TAA
Tandem Cylinder

IMPROVED OUTPUT

NOTE
Optional jaws available on page 17

PART NO.	RIVET CAPACITY†		FORCE LBS.	REACH	GAP	MAX TRAVEL	OVERALL LENGTH	WEIGHT LBS.
	ALUM	STEEL						
*US114AA	5/32"	1/8"	4,300	1-1/2"	7/8"	5/8"	9-3/16"	3.8
*US114AA-2-1/4	1/8"	3/32"	3,900	2-1/4"	7/8"	7/8"	10-1/8"	4.3
*US114AA-3	3/32"	N/A	3,400	3"	7/8"	1-1/4"	10-3/4"	4.5
*US114AA-5-1/2	3/32"	N/A	2,200	5-1/2"	7/8"	15/16"	13-1/4"	6.4
*US114TAA	1/4"	3/16"	7,500	1-1/2"	7/8"	5/8"	12"	5.0
*US114TAA-2-1/4	3/16"	5/32"	6,300	2-1/4"	7/8"	7/8"	13"	5.5
*US114TAA-3	3/16"	1/8"	5,600	3"	7/8"	1-1/4"	13-3/4"	6.0
*US114TAA-5-1/2	5/32"	N/A	3,000	5-1/2"	7/8"	15/16"	16"	7.9

†Rivet capacities are for reference only, based on mild tensile fastener grades. Actual compression trials on sample rivets will provide absolute force requirements. Provide us with your rivet samples for testing at no additional charge.



OUR STANDARD OUTPUT SQUEEZE RIVETERS ARE STILL AVAILABLE



STANDARD OUTPUT

NOTE
Optional jaws available on page 17

PART NO.	RIVET CAPACITY*		FORCE LBS.	REACH	GAP	MAX TRAVEL	OVERALL LENGTH	WEIGHT LBS.
	ALUM	STEEL						
*US114A	1/8"	3/32"	3,000	1-1/2"	7/8"	5/8"	9-3/16"	3.8
*US114A-2-1/4	1/8"	3/32"	2,200	2-1/4"	7/8"	7/8"	10-1/8"	4.3
*US114A-3	3/32"	1/16"	1,800	3"	7/8"	1-1/4"	10-3/4"	4.5
*US114A-5-1/2	3/32"	N/A	1,250	5-1/2"	7/8"	15/16"	13-1/4"	6.4
*US114TA	3/16"	5/32"	6,000	1-1/2"	7/8"	5/8"	12"	5.0
*US114TA-2-1/4	5/32"	1/8"	4,300	2-1/4"	7/8"	7/8"	13"	5.5
*US114TA-3	1/8"	3/32"	3,400	3"	7/8"	1-1/4"	13-3/4"	6.0
*US114TA-5-1/2	1/8"	N/A	2,600	5-1/2"	7/8"	15/16"	16"	7.9

U.S. INDUSTRIAL SQUEEZE RIVETERS

These silent alligator-type compression riveters are excellent for many assembly operations - used in aircraft, automotive, truck, bus components, boats, metal furniture, toys, electronic chassis and appliance assembly.

- One-man operation increases productivity
- Rolling cam and wedge assembly greatly multiplies compression force of piston
- "Squeeze" action permits easy control, exceptional accuracy and uniformity

- High joint integrity independent of operator skill level
- Speed of squeeze riveter can be controlled by throttle
- Swivel air inlet aids maneuverability
- Tandem cylinder doubles compression force available from tool
- Develops full squeezing force with only 90 p.s.i. air pressure
- One piece bearing for long life
- Cast alloy steel lever positioned for user comfort
- Made in the U.S.A.
- CE certified



PART NO.	RIVET CAPACITY*		FORCE LBS.	REACH	GAP	MAX TRAVEL	OVERALL LENGTH	WEIGHT LBS.
	ALUM	STEEL						
US151A-2-7/8	5/32"	1/8"	5,200	2-7/8"	7/8"	5/8"	19-1/2"	15.0
US151A-5	1/8"	3/32"	3,400	5"	7/8"	1-3/8"	21-5/8"	19.0
US151A-7	1/8"	3/32"	3,000	7"	7/8"	1-11/16"	23-5/8"	23.0
US151A-9-1/8	1/8"	3/32"	3,000	9-1/8"	1-3/16"	1-11/16"	25-3/4"	25.0
US151A-4	3/16"	5/32"	6,500	4"	1-1/32"	1-7/16"	20-5/8"	20.5
US151A-3 1/4*	7/32"	3/16"	8,800	3 1/4"	1 23/64"	1-15/16"	18 3/4"	15.2
US151TA-2-7/8	1/4"	3/16"	10,400	2-7/8"	7/8"	5/8"	23-3/4"	17.5
US151TA-5	3/16"	5/32"	6,800	5"	7/8"	1-3/8"	25-7/8"	21.5
US151TA-7	3/16"	5/32"	6,000	7"	7/8"	1-11/16"	27-7/8"	26.0
US151TA-9-1/8	3/16"	5/32"	6,000	9-1/8"	1-3/16"	1-11/16"	30"	28.0
US151TA-4	7/32"	3/16"	11,000	4"	1-3/32"	1-7/16"	25"	22.8
US151TA-3 1/4*	7/32"	1/4"	15,000	3 1/4"	1 23/64"	1 3/8"	24 1/2"	21.5

* No set hole in stationary jaw.

NOTE
Optional jaws available on page 17

ONLY U.S. INDUSTRIAL TOOL HAS A NEW ERGONOMIC MULTI-LEVER* THAT ALLOWS LESS FINGER PRESSURE AND LESS TRAVEL TO ACTIVATE.

*Patent Pending. Tool provided with 35599 Guard standard.

Fully adjustable lever travel begins with 22°, but can be adjusted to 12°.



Available with built-in safety lever, or use 35599 guard.

Increased area for hand, with smoother surfaces.

Unique variable pitch lever, allowing decrease in hand force per activation.

For Lever Assembly, reference Part No. 95508AS

†Rivet capacities are for reference only, based on mild tensile fastener grades. Actual compression trials on sample rivets will provide absolute force requirements. Provide us with your rivet samples for testing at no additional charge.

U.S. INDUSTRIAL IMPROVED OUTPUT SQUEEZE RIVETERS

These versatile C-Type Squeezers are excellent for many assembly operations - used in aircraft, automotive, truck, bus components, boats, metal furniture, toys, electronic chassis and appliance assembly.

- One-man operation increases productivity
- Rolling cam and wedge assembly greatly multiplies compression force of piston
- "Squeeze" action permits easy control, exceptional accuracy and uniformity

- High joint integrity independent of operator skill level
- Speed of squeeze riveter can be controlled by throttle
- Swivel air inlet aids maneuverability
- Tandem cylinder doubles compression force available from tool
- Develops full squeezing force with only 90 p.s.i. air pressure
- One piece bearing for long life
- Yellow "Sure Grip" finish for positive handling
- Cast alloy steel lever positioned for user comfort
- Made in the U.S.A.
- CE certified



US114CC
Single Cylinder



US114TCC
Tandem Cylinder

IMPROVED OUTPUT

PART NO.	RIVET CAP.		FORCE LBS.	REACH	GAP	MAX TRAVEL	OVERALL LENGTH	WEIGHT LBS.
	ALUM	STEEL						
US114CC	5/32"	1/8"	4,200	1-1/2"	1-1/4"	9/16"	10-1/4"	3 lbs.
US114TCC	1/4"	3/16"	7,700	1-1/2"	1-1/4"	9/16"	14"	5.5 lbs.

NOTE
Optional yokes available on page 17

- Tandem cylinder doubles compression force of tool.

OUR STANDARD OUTPUT SQUEEZE RIVETERS ARE STILL AVAILABLE



US114C
Single Cylinder



US114TC
Tandem Cylinder

PART NO.	RIVET CAPACITY		REACH	GAP	CLOSED HEIGHT	FORCE LBS.	MAX TRAVEL	WEIGHT	OVERALL LENGTH
	ALUM	STEEL							
US114C	1/8"	3/32"	1-1/2"	1-1/4"	11/16"	3,000	9/16"	3 lbs	10-1/4"
US114TC	3/16"	5/32"	1-1/2"	1-1/4"	11/16"	6,000	9/16"	5.5 lbs	14"

UPGRADE TO MORE POWER!

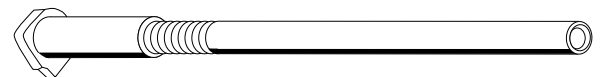
Send in old style US114C or US114TC, and we'll factory install upgrade. Call for details.

- Tandem cylinder doubles compression force of tool.

ADJUSTABLE SET HOLDER

PART NO: 5052ADJ

- Convert US114 Series & CP214 Series compression riveters to adjustable set holder.
- Must be used with "C" Yokes that have 1" thick base or less
- 3/16" (.187) shank I.D.



†Rivet capacities are for reference only, based on mild tensile fastener grades. Actual compression trials on sample rivets will provide absolute force requirements. Provide us with your rivet samples for testing at no additional charge.

U.S. INDUSTRIAL SQUEEZE RIVETERS

These versatile C-Type Squeezers drive a wide variety of rivets and can be used for staking, stamping and pressing. Extensively used in assembly of aircraft, trucks, buses, boats, appliances, automotive components, metal furniture, toys and electronic chassis.

- Rolling cam and wedge assembly greatly multiplies compression force of piston
- "Squeeze" action permits easy control, exceptional accuracy and uniformity.

- High joint integrity independent of operator skill level
- Silent operation
- Plunger speed can be controlled by throttle
- Swivel air inlet aids maneuverability
- Optional yokes available
- Develops full squeezing force with only 90 p.s.i. air pressure
- Cast alloy steel lever positioned for user comfort
- Made in the U.S.A.
- CE certified



US151C
Single Cylinder

NOTE
Optional yokes available on page 17

PART NO.	RIVET CAPACITY		REACH	GAP	CLOSED HEIGHT	FORCE LBS.	MAX TRAVEL	WEIGHT	OVERALL LENGTH
	ALUM	STEEL							
US151C	3/16"	5/32"	2-1/8"	1-3/16"	25/32"	6,000	9/16"	9.5 lbs	17-1/2"
US151TC	1/4"	7/32"	2-1/8"	1-3/16"	25/32"	12,000	9/16"	12.5 lbs	21-3/4"



US155
Single Cylinder

NOTE
Optional yokes available on page 17

PART NO.	RIVET CAPACITY		REACH	GAP	CLOSED HEIGHT	FORCE LBS.	MAX TRAVEL	WEIGHT	OVERALL LENGTH
	ALUM	STEEL							
US155	1/4"	7/32"	2-1/8"	1-7/8"	25/32"	12,000	7/8"	21 lbs	20"

- Short stroke adjustment limits return travel of rivet set holder; can be disengaged quickly to provide maximum opening
- Use .250 squeezer sets

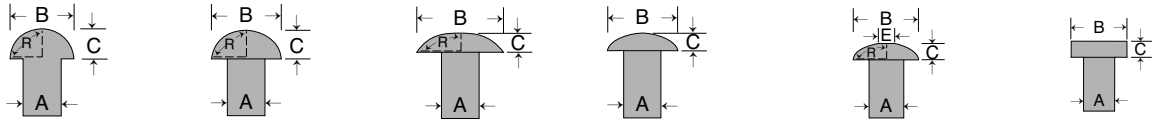
INSTRUCTIONS FOR SELECTING SQUEEZER SETS

To develop maximum power, the riveter must drive the rivet near the end of the riveter's stroke. For maximum power the combined length of the two rivet sets must be of the correct length. Determine the correct length as follows:

WHEN TWO CUPPED RIVET SETS ARE USED - The sum of the two rivet sets "L" dimension should equal the closed height dimension of the yoke minus the total thickness of the material being used.

WHEN TWO FLUSH SETS ARE USED - The sum of the two rivet sets "L" dimension should equal the closed height dimension of the yoke minus the overall length of the rivet after it is driven.

WHEN ONE CUPPED SET & ONE FLUSH SET ARE USED - The sum of the two rivet sets "L" dimension should equal the closed height dimension of the yoke minus the total thickness of the material being riveted and the height of the finished rivet head driven by the flush set. If necessary, select rivet sets a little short and shim to proper length with hardened shims listed in the table. The closed height dimension of the yoke referred to above is the opening available when jaws of plunger are in extreme closed or forward position with both rivet sets in place.



Rivet Diameter (inches)	(AN-435) BUTTON			(AN-430) ROUND			(AN-455) BRAZIER			(AN-456) MODIFIED BRAZIER		(AN-470) UNIVERSAL				(AN-442) FLAT	
	A	B	C	R	B	C	R	B	C	R	B	C	R	E	B	C	
1/16"	.109	.047	.055	.125	.047	.065	.156	.031	.113	.117	.023	.125	.027	.054	.031	.125	.025
3/32"	.166	.070	.084	.187	.070	.098	.234	.047	.170	.156	.031	.187	.041	.082	.047	.187	.037
1/8"	.219	.094	.111	.250	.094	.130	.312	.063	.226	.235	.047	.250	.054	.108	.063	.250	.050
5/32"	.273	.117	.138	.312	.117	.162	.390	.078	.283	.312	.063	.312	.067	.135	.078	.312	.062
3/16"	.328	.141	.166	.375	.141	.195	.468	.094	.340	.390	.078	.375	.082	.164	.094	.375	.075
1/4"	.437	.188	.221	.500	.188	.260	.625	.125	.453	.468	.094	.500	.107	.217	.125	.500	.100
5/16"	.546	.234	.276	.648	.234	.325	.781	.156	.565	.625	.125	.648	.136	.272	.156	.648	.125
3/8"	.656	.281	.332	.750	.281	.391	.940	.187	.680	.781	.156	.750	.164	.328	.187	.750	.150

Order Rivet sets the E-Z WAY!

TO DETERMINE PART NUMBER:

- Select desired rivet set length and note its Model No.
- Refer to Rivet Style Chart and find desired cupping style.
- Match cupping style with desired rivet diameter and add that number **after** the rivet set Model No.

EXAMPLE:

To order a SM200 with a Flat AN442 cupping for an 1/8" diameter rivet. SPECIFY: SM200-4424

RIVET STYLE CHART

CUPPING STYLE	RIVET DIAMETER						SM50/70 ONLY	
	1/16"	3/32"	1/8"	5/32"	3/16"	1/4"	5/16"	3/8"
Round AN430	4302	4303	4304	4305	4306	4308	43010	43012
Flat AN442	4422	4423	4424	4425	4426	4428	44210	44212
Brazier AN455	4552	4553	4554	4555	4556	4558	45510	45512
Mod. Brazier AN456	4562	4563	4564	4565	4566	4568	45610	45612
Universal AN470	4702	4703	4704	4705	4706	4708	47010	47012
Button AN435	4352	4353	4354	4355	4356	4358	43510	43512
Tubular - AN450 (Available in SM10 series only - Add \$6.00)	4502	4503	4504	4505	4506	4508	45010	45012

RIVET SETS - FLUSH STYLE

(No cuppings needed.)

.187 SHANK

PART NO.	"L"
SM210	1/8"
SM211	1/4"
SM212	3/8"
SM213	1/2"
SM214	5/8"
SM215	3/4"
SM216	7/8"
SM217	1"

- 1/2" Body diameter
- Can be furnished with 3/8" B.D.

.250 SHANK

PART NO.	"L"
SM230	1/8"
SM231	1/4"
SM232	3/8"
SM233	1/2"
SM234	5/8"
SM235	3/4"
SM236	7/8"
SM237	1"

- 5/8" Body diameter
- Can be furnished with 1/2" B.D.

.312 SHANK

PART NO.	"L"
"L"SM250	1/8"
SM251	1/4"
SM252	3/8"
SM253	1/2"
SM254	5/8"
SM255	3/4"
SM256	7/8"
SM257	1"

- 5/8" Body diameter

.187 SHANK

PART NO.	"L"
SM200	1/4"
SM201	3/8"
SM202	1/2"
SM203	5/8"
SM204	3/4"

- 5/16", 3/8" Not Available

.250 SHANK

PART NO.	"L"
SM220	1/4"
SM221	3/8"
SM222	1/2"
SM223	5/8"
SM224	3/4"

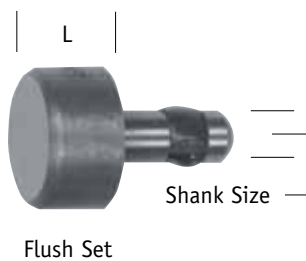
.312 SHANK

PART NO.	"L"
SM240	1/4"
SM241	3/8"
SM242	1/2"
SM243	5/8"
SM244	3/4"

.375 SHANK

PART NO.	"L"
SM270	1/8"
SM271	1/4"
SM272	3/8"
SM273	1/2"
SM274	5/8"
SM275	3/4"
SM276	7/8"
SM277	1"

- 5/8" Body diameter



.375 SHANK

PART NO.	"L"
SM260	1/4"
SM261	3/8"
SM262	1/2"
SM263	5/8"
SM264	3/4"



Some items may require 6 piece minimum order.



RIVET SETS FOR RIVET SQUEEZERS LIMITED ACCESS TYPE - MINI BODY

- Cupped
- 3/8" body diameter
- .187 shank diameter



PART NO.	"L"
SM290	5/32"
SM291	1/4"
SM292	3/8"

RIVET STYLE CHART

CUPPING STYLE	RIVET DIAMETER				
	3/32"	1/8"	5/32"	3/16"	7/32"
Universal AN470	4703	4704	4705	4706	-
BACR15FT	4703BAC	4704BAC	4705BAC	4706BAC	4707BAC

EXAMPLE: To order a SM290 with a AN470 cupping for an 1/8" diameter rivet.
SPECIFY: SM290-4704

RIVET SETS FOR RIVET SQUEEZERS LIMITED ACCESS TYPE - MINI BODY

- Flush
- 3/8" body diameter
- No cuppings needed

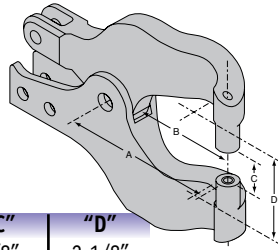


PART NO.	"L"
SM295	1/8"
SM296	1/4"
SM297	3/8"

FOR A COMPLETE LISTING OF ALL OF OUR SQUEEZER SETS & ACCESSORIES, INCLUDING DIMPLE DIES, PLEASE REQUEST REFERENCE BULLETIN USRS100.

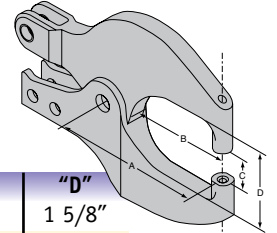
ALLIGATOR JAW FRONT HEAD ASSEMBLIES FOR US114AA/TAA

Includes all bearings and pins for proper installation into housing



ALLIGATOR JAW FRONT HEAD ASSEMBLIES FOR US114AA/TAA

Includes all bearings and pins for proper installation into housing



OFFSET TYPE - RIGHT HAND

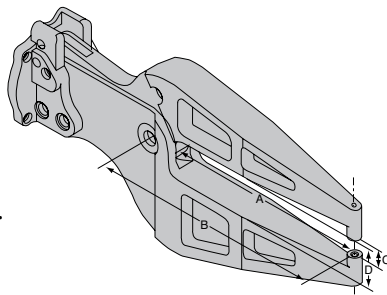
PART NO.	"A"	"B"	"C"	"D"
2242	3-3/4"	3-1/8"	7/8"	2-1/8"
1961	3-3/16"	2-19/32"	7/8"	2-1/8"

STRAIGHT TYPE

PART NO.	"A"	"B"	"C"	"D"
5107	2 1/8"	1 1/2"	7/8"	1 5/8"
5113	2 1/4"	1 9/16"	11/16"	1 7/64"
5112	3"	2 1/2"	39/64"	1 23/64"
5108	3"	2 1/4"	7/8"	2 1/8"
5110	3"	2 3/8"	7/8"	2 1/8"
5109	3 3/4"	3"	7/8"	2 1/8"
5114	6 1/8"	5 1/2"	7/8"	2 1/8"
5115	6 1/8"	5 1/2"	7/8"	3 1/2"

ALLIGATOR JAW FRONT HEAD ASSEMBLIES FOR US151TA/A

Includes all bearings and pins, guards and adapter for proper installation onto cylinder (May require wedge change at extra charge). Standard set hole size .187, option .250 set hole (specify).



STRAIGHT TYPE

PART NO.	"A"	"B"	"C"	"D"	OPT. WEDGE
95216	2 7/8"	4"	29/32"	1 41/64"	35161
95217	5"	6 3/16"	7/8"	1 15/16"	35161
95222	7"	8 1/8"	13/16"	1 7/8"	35161
95218	9"	10 1/4"	13/16"	1 7/8"	35162
95226	3 55/64"	5 1/32"	1 1/32"	2 19/32"	35161-7
95315	3 1/4"	4 3/8"	1 23/32"	2 1/8"	35161-7
95336	4 7/8"	6"	1"	4 3/4"	35161-7
95224	5"	6 1/8"	1 3/8"	3 41/64"	35161
35229	10 17/64"	11 37/64"	31/64"	1 1/16"	35161
95219RBS	9 1/8"	10 1/4"	3"	1 7/8"	35162

About our Yokes & Jaws

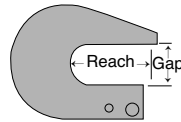
- All designs supported by F.E.A. analysis for maximum allowable stresses and model displacement
- Alloyed steel

- Precision ground
- Austempered for extreme toughness and ductility

U.S. INDUSTRIAL "C" YOKES TO FIT TP888 HAND RIVET SQUEEZER

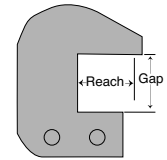
PART NO.	REACH	GAP
9070-1*	1"	1-1/4"
9070-2	2"	1-1/4"
9070-3	3"	1-1/4"
9070-5	5"	1 7/8"

*Less Set Hole



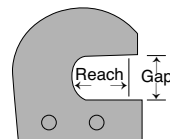
U.S. INDUSTRIAL "C" YOKES TO FIT US151 & CP0351 CUNEL COMPRESSION RIVETERS WITH STANDARD #1A YOKE FRAME

PART NO.	REACH	GAP
982	4-7/16"	1-3/16"
986T-3091	4-1/16"	1-7/16"
987	1-7/16"	2-5/8"
990	2-1/8"	1-3/16"
990FM	1-1/4"	1-17/32"
990-T3091	2-3/8"	1-3/16"
1004	3-1/2"	1-1/4"
1005	2"	2"
1887C	6	1-1/4"
2060C	3-1/2"	2"
10005	7/8"	1"
10015	2-1/8"	2-1/8"
35230	5"	2-1/2"



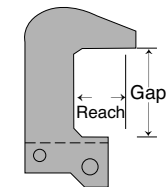
U.S. INDUSTRIAL "C" YOKES TO FIT US114 & CP214 CENEL HEAVY DUTY MODEL

PART NO.	REACH	GAP
YK1-2 1/2-2	2-1/2"	2"
YK1-3-3	3"	3"
YK1-3-3 1/2	3"	3-1/2"
YK1-3 1/2-2	3-1/2"	2"
538	1-1/2"	1-1/4"
958	2"	1-1/4"
959	2-1/2"	1-3/8"
960 HD	3"	1-1/2"
961 HD	3-1/2"	1-1/2"
1310C	5"	2-1/2"
1337C	2-1/16"	2-1/16"
1349C	1-3/4"	1-3/4"
1925C	2-3/8"	2-5/16"
2282C	4-1/2"	1-1/2"
2319C	1-3/16"	1-5/16"
872004	3-7/8"	1-3/16"
872006	5-3/8"	1-1/4"
872009	2-3/4"	1-3/16"
872016	5-23/32"	1-3/16"
872017	1-3/4"	1-1/4"
872019	1-3/16"	1-3/16"
872025	5	2



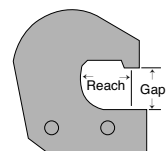
U.S. INDUSTRIAL "C" YOKES TO FIT US151 & CP0351 CUNEL COMPRESSION RIVETERS WITH #2A YOKE FRAME

PART NO.	REACH	GAP
991	2-1/16"	1"
994	3-3/4"	1-1/4"
995	3-5/16"	3"
35231	5"	2-1/2"
35237	1-1/2"	3-1/2"
4545	4-1/2"	4-1/2"
35235	6-1/2"	3-1/2"
35233	2"	3-3/4"
35232	2-1/2"	5"



U.S. INDUSTRIAL "C" YOKES TO FIT US155 & CP355 CEBEL COMPRESSION RIVETER

PART NO.	REACH	GAP
1010	2-1/8"	1-7/8"
1045	4-1/2"	1-15/16"
35234	12"	3-1/2"





U.S. INDUSTRIAL SQUEEZE RIVETER PEDESTAL STAND

PART NO: SRPS-151 (Manual Operation)

PART NO: SRPS-151AB (Air) (Not shown)

(Stand with air actuated valves & remote foot pedal. Provides a safety guarded design variable speed remote foot pedal and 8 feet of hose, all necessary hardware and installation instructions. Allow with SRPS-151 style floor stand. For US and APT models only)
85 lbs.

- Heavy duty steel construction
- US151 and APT740 series squeezers
- Quick release clamp allows portable tool to be used for stationary production riveting
- Foot pedal throttle assembly frees up operator's hands
- Tool not included
- 41" working height
- 45" height
- Shipped freight collect



SRPS-151

U.S. INDUSTRIAL UNIVERSAL BAIL (HANGER) FOR 151 TOOLS

PART NO: US151-3600

14.7 lbs.

PART NO: US151-3615 (Not Shown)
(Multi-swivel 360° two-directions 24" OAL)
21.5 lbs.

- Rotates 360°
- 7" diameter
- While the tool is suspended by the balancer, the operator is allowed to effortlessly position the tool for most applications
- Ball bearing design
- Tools not included



U.S. INDUSTRIAL BENCH RIVETER

PART NO: US114TCC-98G

- Includes bench mounting brackets
- Includes air activated foot control with safety guard
- Features adjustable lower set holder
- Tandem cylinder
- Made in the USA by U.S. Industrial Tool

PART NO.	RIVET CAPACITY		REACH	GAP	FORCE LBS.	MAX TRAVEL	WEIGHT
	STEEL	ALUM					
US114TCC-98G	3/16"	1/4"	10"	3-1/2"	7,700	9/16"	70 lbs



U.S. INDUSTRIAL ADJUSTABLE SET HOLDER FOR 151C TOOLS

PART NO: 151ADJ-K

(Factory installed)

- Replace standard design set holder with a manually adjustable set holder, eliminates the need to shim or replace rivet set to accommodate various length rivets
- Available for 1A or 2A yoke frames (specify)
- If ordered on new tool, specify: 151ADJ option at additional cost
- Tool not included
- STD .250 set hole



U.S. INDUSTRIAL FOOT THROTTLE ASSEMBLY

PART NO: FCT-151

PART NO: FCT-151AK (Air)

(Air actuated valves & remote foot pedal. Provides a safety guarded design variable speed remote foot pedal and 8 feet of hose, all necessary hardware and installation instructions. For US and APT models only. Not shown)

.51 lb.

- Replaces lever actuated throttle
- For use on all US151 & CP351 series squeezers
- Aids in mounting of portable squeezers for bench or special applications
- All required hardware included
- Foot pedal can be moved for convenient use
- 6' cable included
- Tool not included



FCT-151

U.S. INDUSTRIAL AIR-ACTUATED FOOT CONTROL THROTTLE ASSEMBLY

PART NO: FCT-114

1 lb.

- Replaces lever actuated throttle
- For use on all US114 series and CP214 series squeezers
- Air line connects directly to foot control throttle
- Includes easy-to-install backhead
- Tool not included
- 6' hose



U.S. INDUSTRIAL MULTI-ANGLE BENCH MOUNT STAND

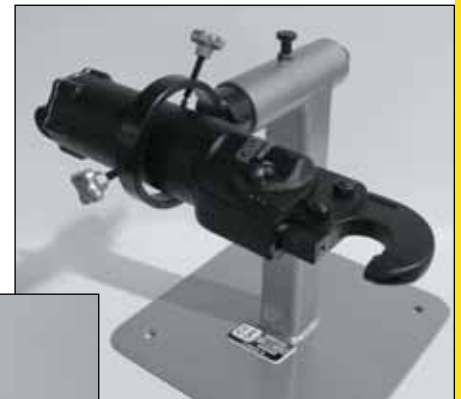
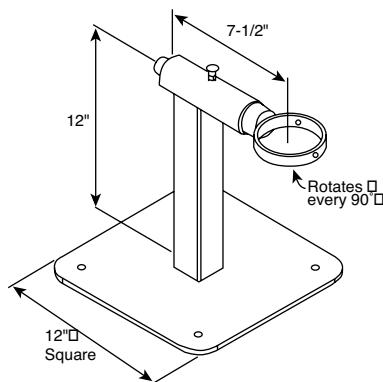
PART NO: US114BMSP

23 lbs.

A versatile bench stand for use with all US114 and US114T type rivet squeezers. Stand can be used as left- or right-hand orientation. A full 360° adjustment of tool angle allows operator to customize for comfort and ease of insertion of part into tool. Made of heavy gauge gray steel.

Included:

- Multi-angle bench mount and hardware
- FCT-114 air-actuated foot control throttle assembly



U.S. INDUSTRIAL PEDESTAL COMPRESSION RIVETERS US150

- PART NO: US150-8** (8" reach, 4" gap, 48" height, .312 set shank, 190 lbs.)
- PART NO: US150-12** (12" reach, 4" gap, 52" height, .312 set shank, 230 lbs.)
- PART NO: US150-24** (24" reach, 5" gap, 57" height, .312 set shank, 475 lbs.)
- PART NO: US150-36** (36" reach, 8-1/2" gap, 78" height, .375 set shank, 1,800 lbs.)
- All have 1-3/8" stroke

A new stationary pneumatic compression riveter providing high volume riveting and dimpling. This one-man pedestal riveter is capable of exceptional accuracy and has the capacity to cold squeeze 3/8" solid stainless steel rivets with 16,000 lbs. of force. Our machine is designed to allow the user to vary the machine speed with foot touch control. The user can bring sets down to work surface at any speed adjustment with no loss of power. Standard equipment includes air actuated foot control, and filter-regulator-lubricator combo. Made in the USA by U.S. Industrial Tool.

OPTION: US14032 - As the operator depresses the foot pedal providing a momentary signal (press and release), the set holder will move forward and upon full stroke complete the rivet upsetting and automatically retract to start position, awaiting an operator follow-up signal. Shipped freight collect.

Also available with a two stage Hi-low pressure system.

NOTE
See squeezer sets required on page 15



U.S. INDUSTRIAL BRAKE RIVETERS

- PART NO: US150BR-8** (8" Throat depth or reach, 4" gap, 48" max. height, 235 lbs.)
- PART NO: US150BR-12** (12" Throat depth or reach, 4" gap, 52" max. height, 275 lbs.)

- Includes adjustable workbed
 - All the same features as found on our US150 series machines
 - Machines shipped freight collect
- For optimal machine safety, specify with two stage, pinch point protection, at additional cost.**

ADJUSTABLE WORKBED

- PART NO: US150BRS**
(Adjustable horseshoe work bed only, can be easily installed on any US150 or CP450 machine)
- Adjustable work bed has 5" maximum vertical travel
 - Work bed has 10" I.D. with 17" O.D.
 - Will accept up to 12" tall torque tubes



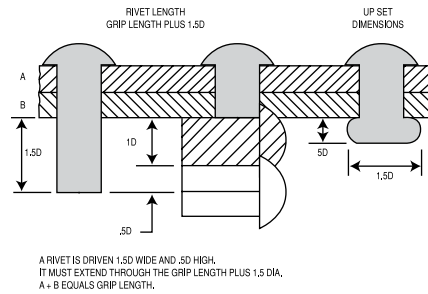
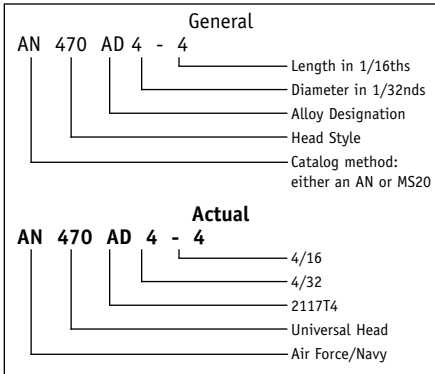
GOODYEAR/LORAL AEROSPACE CORPORATION BRAKE RIVETING TOOLS

We have a complete selection of tooling for the installation of Goodyear/Loral™ aircraft brakes. Most of the listed tools are designed with .312 shank diameter to fit the U.S. Industrial 150 Riveter or the Chicago Pneumatic 450 Riveter. We also have a selection of tools designed for use in Taumel and Bracker machines. These tools are manufactured in strict accordance with Goodyear/ Loral™ standards.

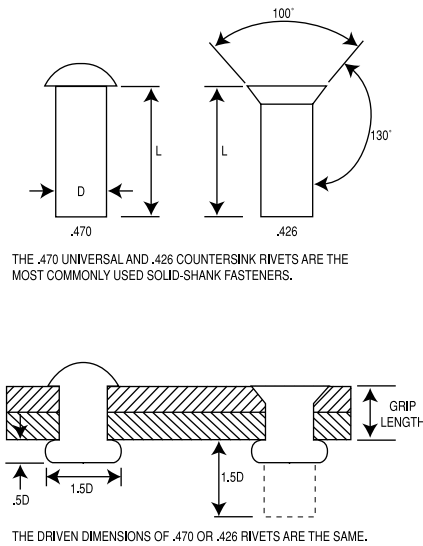
114-139-1	5T1-25453	5T1-26037	5T2-10068
114-151-1	5T1-25455	5T1-26123	5T2-10073
5T1-25092	5T1-25460	5T1-26150	5T2-10080
5T1-25286	5TI-25465-1	5T1-26206	5T2-10157
5T1-25287	5TI-25465-2	5T1-26245	5T2-10431
5T1-25309	5T1-25470	5T1-70948	5T2-5994
5T1-25310	5T1-25775	5T1-71785	5T1-1/4 Deriveting
5T1-25311	5T1-25807	5T2-10066	Punch
5TI-25355	5TI-25855	5T2-10067	5T1 Deriveting Anvil

RIVET TIPS & TECHNICAL INFORMATION

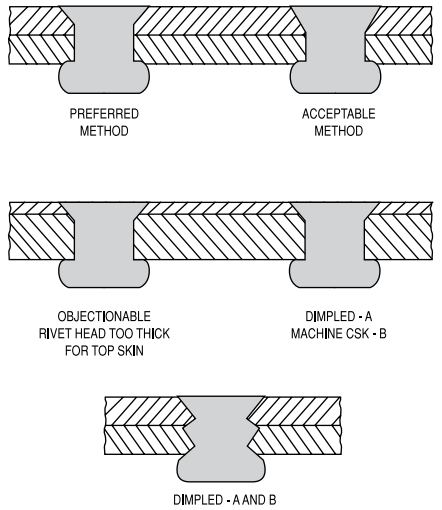
RIVET DESIGNATIONS



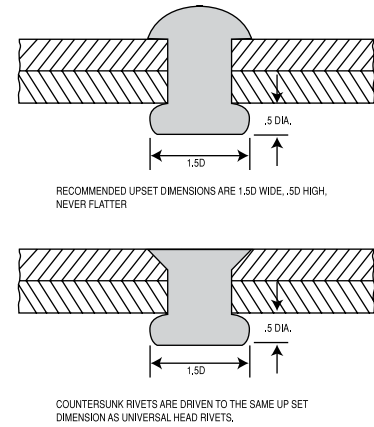
RIVET SETTING DIMENSIONS



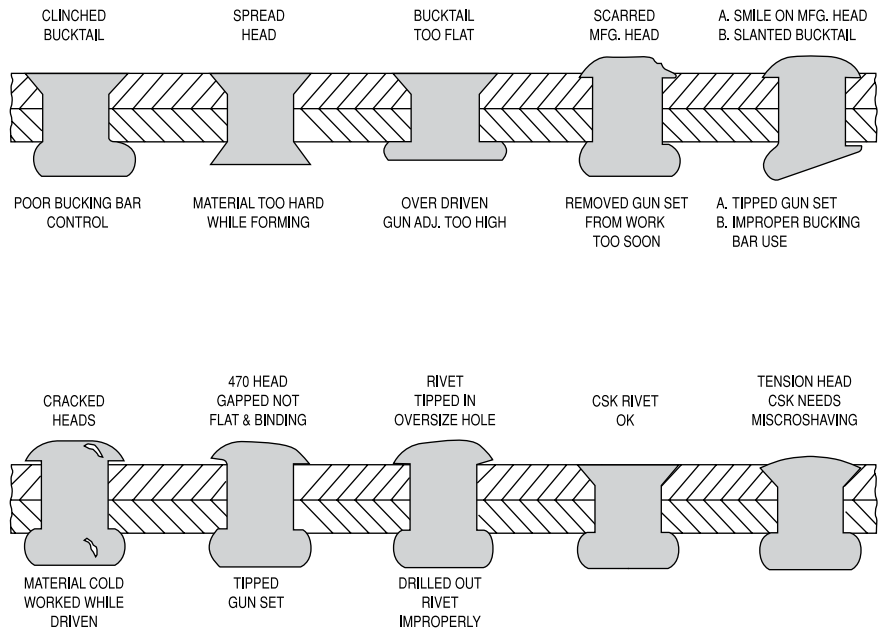
COUNTERSINK/DIMPLING



RIVET SETTING DIMENSIONS



COMMON RIVET PROBLEMS & REASONS



Rivet Size	Rivet Diameter Decimal	Drill Number	Drill Decimal	Hole Over Size	Cleco Color	Bucking Bar Weight	Min. Edge Distance	Min. Rivet Pitch
3/32	.0937	40	.0980	.0043	Silver	2-3 lbs.	3/16	9/32
1/8	.125	30	.1285	.0035	Copper	3-4 lbs.	1/4	3/8
5/32	.15625	21	.1590	.0028	Black	3-4.5 lbs.	5/16	15/32
3/16	.1875	11	.1910	.0035	Gold	4-5 lbs.	3/8	9/16

WE ARE THE LEADER IN HOT DIMPLERS

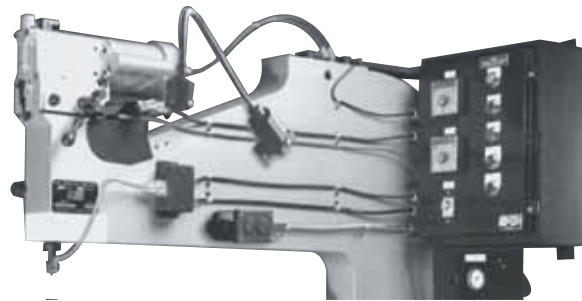
For over 25 years, U.S. Industrial Tool & Supply Co. has been manufacturing high quality Stationary Hot and Cold Dimpling machines to our many dedicated customers worldwide. During this time, we have also met the demand to supply, and stock, a huge variety of accessory tooling to satisfy most aviation requirements. Our machines are loaded with more safety and user-friendly features, as standard equipment, than ANY of our competitors. And NONE of these competitors offer any of the following highly innovative, state-of-the-art items and features.

TWO STAGE HI/LOW PRESSURE

An innovative control that provides pinch point protection to the operator through out the entire machine stroke. System conform to OSHA CFR 29 standards and CE standards.

How it works: A 1st stage low pressure air cylinder assembly advances the machine set holder upon foot signal for the operator. The forces are monitored by our built in machine controller. Forces are the same throughout the machine stroke (travel) because of our unique variable* pitch lever assembly. At any point in the stroke (travel) it contacts an object it stalls at a measurable 5lbs of force or less. If the operator is properly aligned and wants to proceed with high pressure (high force) a second pedal activation is required to complete the cycle. Failure to initiate signal for high Pressure the machine will in 5 seconds, return to machine start. Visual indicator lights located on the front of the machine provide a continued conformation to the operator as to where they are in the machine cycle, (Low Pressure or High Pressure). Additionally, the forces in low pressure are so light that the operator can adjust/align their assembly without surface damage providing increased operator confidence and reduction in scrap and rework. Training time for new operators is reduced significantly.

*Patent Pending



U.S. INDUSTRIAL HOT DIMPLER CONVERSION KIT PART NO: *US450SSCK

Update any older Chicago Pneumatic or Zephyr hot dimpler to latest value and P.L.C. Control Circuit Design. Features included can be found on our full page US150EAHOT-36 Display.

Shipped freight collect.

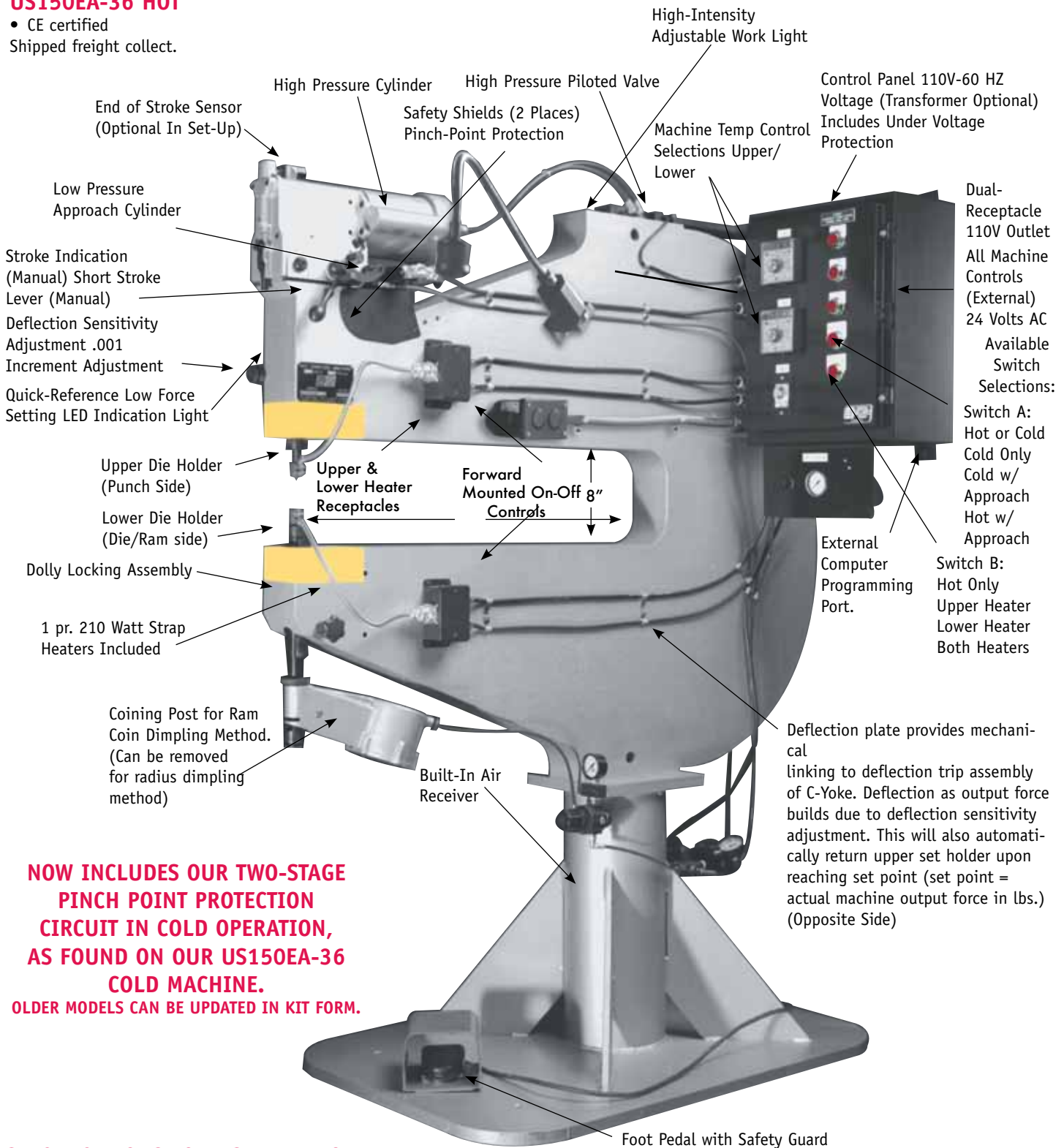
Basic kit includes:

- Complete electrical control panel with foot pedal
- Complete power head assembly set-up for two-stage circuit
- High pressure piloted valve.
- Hoses and hardware as required
- Installation instructions
- CE certified
- **NEW!! Two-stage Hi-Low pinch point cold operation now included in hot panel operation circuit.**

Special Note: *The kit in itself covers the dimpling machine's main operating systems. You may require other parts not supplied in the kit, due to the condition of the existing machine.

U.S. INDUSTRIAL HOT DIMPLER - RIVETER US150EA-36 HOT

- CE certified
- Shipped freight collect.

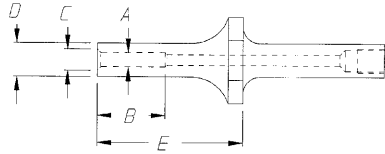


NOW INCLUDES OUR TWO-STAGE PINCH POINT PROTECTION CIRCUIT IN COLD OPERATION, AS FOUND ON OUR US150EA-36 COLD MACHINE. OLDER MODELS CAN BE UPDATED IN KIT FORM.

SPECIFICATIONS FOR US150EA HOT

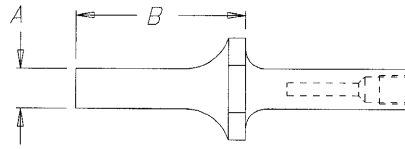
Tool No.	Heat Controllers Temp. Range	Dwell Timer Range	Set Holder Plunger Stroke			Voltage (Input)
			Max force (lbs.) at 90 PSI air pressure	Max set holder travel	Part of stroke at max force	
US150EA-36 HOT	0°- 800°	0-30 Seconds	24,000 lbs.	1 3/4"	Final 3/16"	110V-AC 60HZ

3,400 lbs.



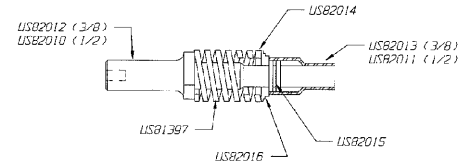
U.S. INDUSTRIAL RIVET SET ADAPTERS

PART NO.	TYPE	A	B	C	D	E
US81392	CR-1	3/16"	7/8"	9/32"	7/16"	1-7/8"
US81393	CR-2	1/4"	7/8"	3/8"	9/16"	1-7/8"
US82189	CR-3	5/16"	1-1/8"	7/16"	21/32"	1-7/8"
US82190	CR-4	3/8"	1-1/4"	1/2"	3/4"	1-7/8"
US85030	CR-1	3/16"	7/8"	9/32"	9/16"	4-1/8"
US85031	CR-2	1/4"	7/8"	3/8"	9/16"	4-1/8"
US85032	CR-3	5/16"	1-1/8"	7/16"	3/4"	4-1/8"
US85033	CR-4	3/8"	1-1/4"	1/2"	3/4"	4-1/8"



U.S. INDUSTRIAL FLUSH SETS

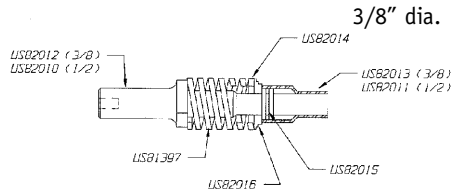
PART NO.	A	B
US81391	23/64"	2-1/4"
US81390	31/64"	2-1/4"
US81389	39/64"	2-1/4"
US85110	23/64"	3-1/2"
US85111	31/64"	3-1/2"
US85112	39/64"	3-1/2"



U.S. INDUSTRIAL PRESSURE PAD DOLLIES

PART NO.	DESCRIPTION
US78692	Assembly Complete 1/2" Pressure Pad Dolly
US78691	Assembly Complete 3/8" Pressure Pad Dolly

U.S. INDUSTRIAL ADAPTER - QUICK CHANGE PRESSURE PAD DOLLIES LIMITED ACCESS

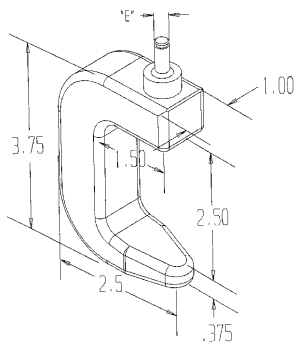
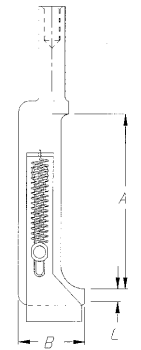


PART NO.	LENGTH
US102700	-
US102701	5/32"
US102702	1/4"
US102703	1/8"
US102710	-
US102711	1/8"
US102712	5/32"
US102713	1/4"

U.S. INDUSTRIAL UPPER ANVIL PRESSURE DOLLIES OFFSET

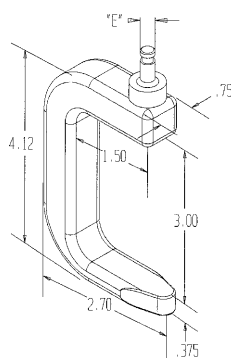
PART NO.	A	B	C
*US102500	4-1/8"	1-3/16"	25/64"
*US102501	3-1/4"	2-5/8"	5/16"

*Includes two piece mating anvil



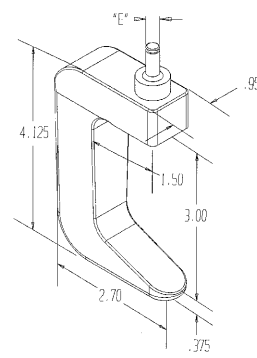
U.S. INDUSTRIAL OFFSET RIVET SETS

PART NO.	E
SMOFA1	3/16"
SMOFA2	1/4"
SMOFA3	5/16"
SMOFA4	3/8"



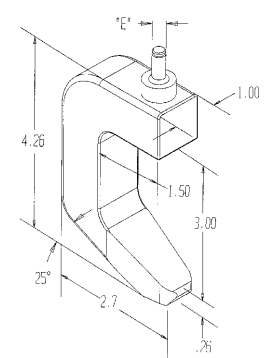
U.S. INDUSTRIAL OFFSET RIVET SETS

PART NO.	E
SMOFA1	3/16"
SMOFA2	1/4"
SMOFA3	5/16"
SMOFA4	3/8"



U.S. INDUSTRIAL OFFSET RIVET SETS

PART NO.	E
SMOFC1	3/16"
SMOFC2	1/4"
SMOFC3	5/16"
SMOFC4	3/8"

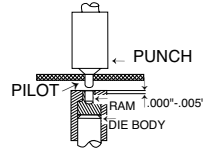


U.S. INDUSTRIAL OFFSET RIVET SETS

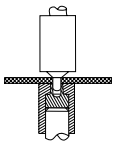
PART NO.	E
SMOFD1	3/16"
SMOFD2	1/4"
SMOFD3	5/16"
SMOFD4	3/8"

WHAT IS RAM COIN DIMPLING?

POSITION 1 - The punch and die assembly is shown in a normal open position. The punch pilot is just entering the hole in the sheet.

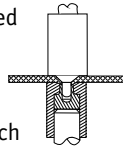


POSITION 2 - The punch pilot is



through the sheet and the sheet has contacted the coining ram face and die face. When performing hot dimpling, these heated surfaces coming into an "area contact" with the sheet allows a rapid and even distribution of heat to the material immediately surrounding the hole.

POSITION 3 - As punch cone descends, the ram is forced down against rapidly increasing back pressure. Thus, shear strains set up near circumference of dimple are balanced, thereby preventing circumferential crackouts. As compression loads between ram and punch cone increase, metal at bottom of cone is moved inwardly toward the punch pilot, eliminating radial cracks and minimizing hole stretch. As illustrated, the pressure loaded coining ram is fully depressed and the dimpling cycle is completed.



STRAP HEATERS

Our U.S. Industrial Strap Heaters incorporate the latest technology in heater designs. Our new and unique coil design has improved the life expectancy 2 to 3 times longer than the original Mica style, while providing a better range of temperature output. The elements are rated for 750°F continuous operation, with an input voltage of 110V A.C. Our Strap Heaters are available in either straight or offset styles and in various lengths to suit your applications. The elements are available separately or as a complete Strap Heater assembly.



STRAIGHT TYPE PART NO.	OFFSET TYPE PART NO.	CONNECTOR TYPE
US2881-B15 Heater Assembly - 210 Watt	US2880-B15 Heater Assembly -210 Watt	CANNON
US2881-22 Heater Element Only - 210 Watt	US2881-22 Heater Element Only - 210 Watt	-
US1982-B15 Heater Assembly - 350 Watt	-	CANNON
US1982-B22 Heater Element Only - 350 Watt	US1982-B22 Heater Element Only - 350 Watt	-
US28810- B150 Heater Element Only - 210 Watt	US28800- B150 Heater Element Only - 210 Watt	MIL-C-26482

RAM COIN DIMPLING ASSEMBLIES

A wide variety of radius type and ram coin dimple dies and punches are available from stock. They are manufactured to exact tolerances from hot work tool steel, especially selected for this application. This provides resistance to wear and the tempering effects of operating at prolonged elevated temperatures.

- For use in either spring load or air coin post equipped machines.
- Radius type dimple dies also available upon request.

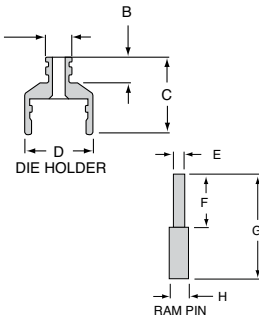
U.S. INDUSTRIAL COINING POST ADAPTERS

- Allows you to remove coining post die tooling and adapt coin in post for Cold Riveting without having to replace coining post with conventional adjusting screw assembly.

PART NO.	DIMENSION SIZE			
	A	B	C	D
SM153-375-2	0.375	3/4	1-3/8	1-3/4
SM153-312-2	0.312	5/8	1-3/8	1-3/4
SM153-375-1	0.312	5/8	1-3/8	1-3/4
SM153-250-2	0.250	5/8	3/4	1-3/4
SM153-250-1	0.250	5/8	3/4	7/16
SM153-187-2	0.187	1/2	3/4	1 3/4
SM153-187-1	0.187	1/2	3/4	7/16

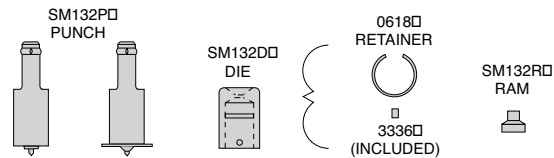
U.S. INDUSTRIAL COINING POST ASSEMBLY DIE TOOLING

- For use on lower side - coining post to accept die and ram assembly for Hot Dimpling
- Available in different heights and diameters (Ref: Dim. A.)
- Die holder and pin must be purchased together



DIE HOLDER TYPE PART NO.	DIMENSION SIZE			
	A	B	C	D
US89730 (Std. Shaft)	0.499	0.500	1.500	1.310
US89730-1 (Ext. Shaft)	0.499	1.590	2.590	1.310
US89730-JUMBO (Jumbo)	0.875	0.875	2.000	1.312

RAM PIN TYPE PART NO.	DIMENSION SIZE			
	E	G	F	H
US89729 (Std. Shaft)	0.248	1.200	0.2400	0.437
US89729-1 (Ext. Shaft)	0.248	2.290	0.3490	0.437
US89729-JUMBO (Jumbo)	0.248	1.700	0.2900	0.437



FASTENER	PUNCHES SIZE	PUNCHES PART NO.	DIES PART NO.	RAMS PART NO.
AN426 RIVET 100°	3/32"	SM132PR3-3/32"	SM132DR3-3/32"	SM132RR3-3/32"
	1/8"	SM132PR4-1/8"	SM132DR4-1/8"	SM132RR4-1/8"
	5/32"	SM132PR5-5/32"	SM132DR5-5/32"	SM132RR5-5/32"
	3/16"	SM132PR6-3/16"	SM132DR6-3/16"	SM132RR6-3/16"
AN & NAS SCREWS 100°	1/4"	SM132PR8-1/4"	SM132DR8-1/4"	SM132RR8-1/4"
	6/32"	SM132PS4-6/32"	SM132DS4-6/32"	SM132RS4-6/32"
	8/32"	SM132PS5-8/32"	SM132DS5-8/32"	SM132RS5-8/32"
	10/32"	SM132PS6-10/32"	SM132DS6-10/32"	SM132RS6-10/32"
	1/4-28	SM132PS8-1/4"	SM132DS8-1/4"	SM132RS8-1/4"



U.S. INDUSTRIAL ENGLISH WHEEL (NON-POWERED) WHAT IS A WHEEL MACHINE?

English wheel gets its name from the two steel wheels between which metal is formed. The wheels - one above and one below - are rolled against one another with a piece of sheet metal between, under a pre-adjusted pressure setting. The wheels roll as the sheet metal is moved back and forth. Shaping results as the lower wheel is forced under pressure into the metal, stretching and forming it.

It is especially useful on large panels. The wheel works equally well on aluminum or steel. Two men work together to form a large panel. The wheel can produce very smooth, very complicated curved shapes.

The upper wheel - always with a flat rolling surface - is fixed to the machine. The curve, or crown, of the interchangeable lower wheel - the roller - determines the shape of the piece being formed. The more curve in the roller, the more curve in the work. An adjustment on the lower wheel varies the amount of pressure exerted against the metal by the roller. A knob below the roller sets this pressure. In addition to the pressure adjustment, U.S. wheels have a quick-release lever. This allows the operator to drop the roller away from the upper wheel so the work can be removed and inserted quickly without losing the pressure setting.

MADE IN THE U.S.A.

USING THE WHEEL

First, check to see how much curve you want in the metal panel. Choose a roller corresponding to that curve and install it in the machine. Insert the metal between the wheels. Adjust the roller so it has a slight amount of pressure against the work. Remember: Less pressure is needed to form aluminum than is needed for steel. The panel is pushed and pulled - back and forth - between the wheels. The first few passes - movement in either direction - will show if the pressure is right. If it is too light, the work will skid or slip between the wheels. If it's too heavy, roller marks will show up in the work.

Specifications US1001 Wheel

Capacity	Reach	Opening Height Inside Tooling Post	Max. Gap W/D Lower Anvil Wheel	Overall Height	Weight
.125 Thick Soft Aluminum	44"	38"	3"	77-3/4"	*1,450 lbs.
.063 Thick Mild Steel	44"	38"	3"	77-3/4"	*1,450 lbs.

US1001*

Includes 3 standard wheels:

TP1001-1

Anvil Wheel - 12" radius



TP1001-2

Anvil Wheel - 2-3/8" radius



TP1001-3

Anvil Wheel - 5" radius



OPTIONAL WHEELS

(Wheels complete with axle & bearings)

TP1001-4

Anvil Wheel - 8-1/2" radius



TP1001-5

Anvil Wheel - 3-1/4" radius



TP1001-6

Flat Anvil Wheel



*Shipped Freight Collect.

U.S. INDUSTRIAL QUICK SHAPER

PART NO: USFPMS-2001

U.S. Industrial Tool has teamed with Ron Fournier, widely recognized master metal worker and international author, to create this innovative new machine. Ron's decades of experience shines through in his answer to efficient access to the most widely utilized cold working/metal forming process. Fournier recognized that sheet metal project replication requires the following multiple tasks:

- Hammering for pre-forming
- Wheeling and raising of metal panel
- Shrinking or stretching
- Planishing

Ron's goal was to provide a mobile forming center that can be navigated within the shop, allowing the worker to do many tasks right at the work site, as well as store the many different forming tools needed for truly professional results.

Each machine comes equipped as follows:

- Mobile unit on large casters
- English wheel and raising machine – foot activated design with six (6) different forming rollers
- Shot bag
- Interchanged pre-forming and planishing dollies – one (1) different crown
- Foot operated shrinker
- Hands tools not included
- Throat opening: 24" deep x 19" high
- Overall height: 51"
- Replacement wheels available
- Optional stretcher jaws available
- Made in the U.S.A.
- 385 lbs.
- 760 lbs. shipping weight



These exceptional metal formers are great for making smooth radius bends in sheet metal without cutting, heating, or hammering the material. Reproduce just about anything with a curved edge. Mount them on your work bench or in a vise. Use the shrinker to contract metal, to make inside curves and use the stretcher to expand the metal for outside curves. The hand operated press gives a 45-to-1 leverage, works metal up to 18 gauge mild steel, 20 gauge stainless, and 17 gauge aluminum. Specially hardened jaws are reversible for double life. Each 12 lb. unit comes completely assembled and ready to use.

SHEET METAL SHRINKER

PART NO: TP371

12 lbs.

- 1" reach capability



SHEET METAL STRETCHER

PART NO: TP372

12 lbs.

- 1" reach capability



SHRINKER STRETCHER COMBINATION

PART NO: TP372C

13 lbs.

Buy one unit with shrinking jaws and extra stretching jaws and easily convert to stretching or shrinking.



SHRINKER STRETCHER STAND

PART NO: TP371ST

15.8 lbs.

- To be used on TP371/TP372 only
- Designed to hold both Shrinking and Stretching tools
- Heavy duty steel construction
- 23" height
- Tools not included



Our Shrinkers & Stretchers Make Fantastic Curves

U.S. INDUSTRIAL DEEP THROAT SHEET METAL SHRINKER

PART NO: TP395

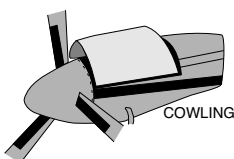
- 64 lbs.
- Bench mount
- 8" reach
- 5-1/2" gap
- 18 gauge mild steel capacity



ACCESSORIES

PART NO: 9084 - Stretcher jaw

PART NO: 9078 - Shrinker jaw



U.S. INDUSTRIAL PNEUMATIC DRILL

PART NO: US7387P-4500 (Includes chuck guard & chuck key)

PART NO: US7387P-2800 (Includes chuck guard & chuck key)

PART NO: US7387P-1200 (Includes chuck guard & chuck key)

PART NO: US7387P-500 (Includes chuck guard & chuck key)

PART NO: US7387P-15000 (Includes chuck guard & chuck key)

Ergonomically designed, compact, quiet, and powerful are just a few of the benefits available with this air drill. The short body length is ideal for working in tight areas while the light weight and perfect balance makes it the mechanics favorite drill.

- .75 HP motor - High Torque Motor
- Variable speed teasing trigger standard - adjustable trigger optional
- Made in the USA
- CE certified

PART NO.	RPM	CAPACITY	LENGTH	WEIGHT
US7387P-4500	4500	1/4"	6"	2.00 lbs.
US7387P-2800	2800	1/4"	6"	2.00 lbs.
US7387P-1200	1200	3/8"	7-1/2"	2.13 lbs.
US7387P-500	500	3/8"	7-1/2"	2.13 lbs.
US7387P-15000	15000	1/4"	5/38"	1.82 lbs.

6"



U.S. INDUSTRIAL QUICK-CHANGE PNEUMATIC DRILL

PART NO: US7387PK-2800

Ergonomically designed, compact, quiet, and powerful are just a few of the benefits available with this air drill. The short body length is ideal for working in tight areas while the light weight and perfect balance makes it the mechanics favorite drill.

- .75 HP motor - High Torque Motor
- Variable speed teasing trigger standard - adjustable trigger optional
- Uses TP248B Jacob's keyless chuck
- Made in the USA
- CE certified

PART NO.	RPM	CAPACITY	LENGTH	WEIGHT
US7387PK-2800	2800	1/4"	6"	2.00 lbs.



U.S. INDUSTRIAL ANGLE DRILL

PART NO: US7092DARE-4500 (4,500 RPM)

PART NO: US7092DARE-2800 (2,800 RPM)

- 90° angle head
- Rear exhaust
- 1/4" drilling capacity
- 59/64" angle head height
- 1/4"-28
- 12-5/8" length
- 78 DB
- Made in the U.S.A.
- CE certified



U.S. INDUSTRIAL QUICK CHANGE COLLET DRILL

PART NO: US7092DARE-CTL-4500 (4,500 RPM)

9/32" spindle. Collets available in: 40, 30, 28, 21, 12 & 11

PART NO: US7092DARE-CTL-2800 (2,800 RPM)

9/32" spindle. Collets available in: 40, 30, 28, 21, 12 & 11

2.3 lbs.

Our latest entry to the angle drill market, maintaining our tradition of the smallest angle head design for close-quarter drilling operations.



U.S. INDUSTRIAL STRAIGHT DRILL

PART NO: US7092SDRE-2800 (2,800 RPM)

PART NO: US7092SDRE-4500 (4,500 RPM)

PART NO: US7092SDRE-500 (500 RPM)

PART NO: US7092SDRE-15,000 (15,000 RPM)

- 2 lbs.
- Rear exhaust
- Powerful and quiet
- 1/4" capacity
- 8" length (500 rpm 9" length)
- .75 HP
- Made in the U.S.A.
- CE certified



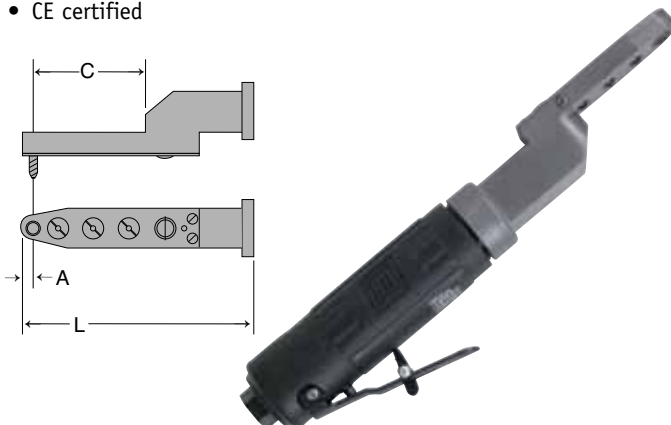
U.S. INDUSTRIAL FLAT ANGLE DRILL

PART NO: US7092PAN-2800 (2,800 RPM)

PART NO: US7092PAN-4500 (4,500 RPM)

2.65 lbs.

- Small, powerful, quiet
- 1/4" - 28 spindle
- The original "pancake" design
- 11" length
- Specifications:
 - "A" = 7/16"
 - "C" = 2-1/8"
 - "L" = 4-1/8"
- Made in the U.S.A.
- CE certified



U.S. INDUSTRIAL FLAT ANGLE DRILL

PART NO: US7092FO-2800 (2,800 RPM)

PART NO: US7092FO-4500 (4,500 RPM)

2.2 lbs.

- Small, powerful, quiet
- 1/4" - 28 spindle
- Allows access into difficult to reach applications
- 8-3/4" length
- Specifications - angle head:
 - "D" = 2-7/16"
 - "E" = 5/8"
 - "F" = 2-3/8"
- Made in the U.S.A.
- CE certified



U.S. INDUSTRIAL ANGLE DRILL ATTACHMENT PART NO: TP4 - DRILL ATTACHMENT

- .80 lbs.
- Replaces our original TP46
- Easy to use
- Accepts cone jaw chuck
- **90° heavy duty design capable of 6,000 rpm operation**
- Accepts any 1/4" x 28 threaded drill bits
- 1/4" x 28 female threaded spindle
- 7" overall length
- 15/16" angle head height
- Will mount to any standard drill chuck
- Rated up to 1/4" hole drilling capacity
- Maximum T.I.R. - .005"

This top quality attachment is our own make and is made in the U.S.A.



PART NO: TP4K - DRILL ATTACHMENT KIT (Kit includes TP4 attachment, and #21, #30 & #40 bits)



ANGLE DRILL COLLET & CHUCK KIT PART NO: TP258

.25 lbs.
This 10 piece kit gives you three different methods of drilling in tight spots. Each shank is 1/4" x 28 which will thread into most drill spindles that angle attachments and angle drills are supplied with.

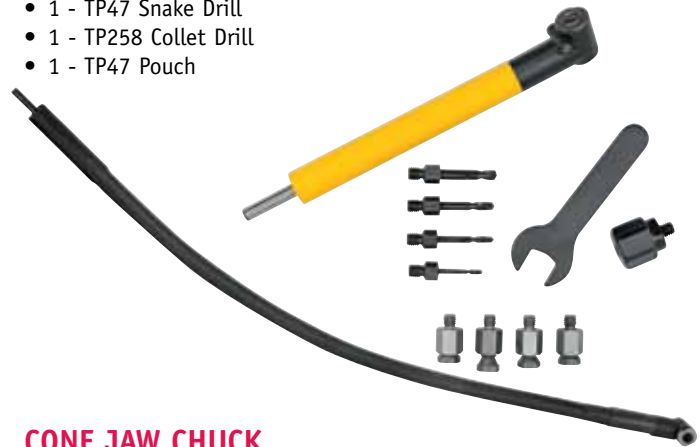
KIT CONTENTS

- (4) #200 collets & adapters - drill sizes 11, 21, 30 & 40
- (4) threaded drill bits (1-1/4" length) - drill sizes: 10, 21, 30 & 40
- (1) cone jaw chuck



U.S. INDUSTRIAL DRILL KIT PART NO: TP47DLX

- Includes:
- 1 - TP4 Angle Drill
 - 1 - TP47 Snake Drill
 - 1 - TP258 Collet Drill
 - 1 - TP47 Pouch



CONE JAW CHUCK PART NO: TP57

- .13 lbs.
Heavy duty yet mini size fits any angle drill or attachment with 1/4" x 28 threads. It's just what you need for close quarter drilling.
- Capacity from 1/16" to 1/4"
 - 3/4" length
 - Wrench included



U.S. INDUSTRIAL SNAKE DRILL ATTACHMENT PART NO: TP47 - SNAKE DRILL ATTACHMENT PART NO: TP47K - SNAKE DRILL ATTACHMENT (Includes 1 ea.: TP47, TP54-21, TP54-30, and TP54-40)



- Accepts 1/4" x 28 threaded drill bits or cone jaw chuck
 - 1/4" x 28 female threaded spindle
 - 26" length
 - 1" angle head height
 - Will mount to any standard drill chuck
- Similar to an angle attachment, but with a flexible shaft that allows you to get into tight spots.



Regardless of how much care and time is used in setting flush rivets, an occasional head will not be flush with the skin. Either it won't be hammered or squeezed enough or the head will be tilted to one side or the other, leaving a slightly raised surface. To help eliminate this defect in aerodynamics, the raised surface must be removed and this job can be accomplished with the use of one of our pneumatic Rivet Shavers. These high-powered ergonomically designed tools will quickly and effortlessly mill off the flaws and make the head flush to the surface. Available in Straight and Pistol Grip models and with a variety of optional skirts to accommodate different diameter cutters. The shavers come with stabilizer bars to keep the cutter on the rivet and not sliding on the skin. The US7387RSE is equipped with a 4" extended skirt and spindle to reach into hard to access areas. A stabilizer is not available for the extended model. Manufactured in the U.S.A. by U.S. Industrial Tool.

U.S. INDUSTRIAL RIVET SHAVER KIT PART NO: US7387RSK

This 16 piece shaver kit includes the tools necessary to work on all types and sizes of aluminum and steel rivets.

KIT INCLUDES:

- US7387RS rivet shaver
- 3685-5/16" skirt
- 3686-3/8" skirt
- 3687-7/16" skirt
- 3688-1/2" skirt
- 3689-9/16" skirt
- 3690-5/8" skirt
- 3691-3/4" skirt
- TP143-5/16" shaver bit
- TP143-3/8" shaver bit
- TP143-7/16" shaver bit
- TP143-1/2" shaver bit
- TP143-9/16" shaver bit
- TP143-5/8" shaver bit
- TP143-3/4" shaver bit
- TP217 storage box



U.S. INDUSTRIAL AIR POWERED RIVET SHAVER PART NO: US7387RS PART NO: US7387RSE

(For limited access applications, 4" extension. Ideal for rivet removal tasks)

- Shaves clean and precise regardless of rivet height
- Adjustable depth cut in .001" increments
- Comes with stabilizer and 9/16" standard skirt
- Uses 1/4" x 28 male threaded shaver bits
- .75 HP motor
- Features non-adjustable/variable speed trigger
- Manufactured in the U.S.A.
- CE certified



US7387RSE

US7387RS

SPECIFICATIONS

PART NO.	RPM	CAPACITY	LENGTH	WEIGHT	SKIRT SIZES AVAILABLE
US7387RS	18,000	1"	6.75"	2.75 lbs.	5/16", 3/8", 7/16", 1/2" 9/16", 5/8", 3/4", 1"
US7387RSE	18,000	1/2"	10.75"	3.50 lbs.	5/16", 3/8", 1/2"

U.S. INDUSTRIAL AIR POWERED STRAIGHT RIVET SHAVER

PART NO: US7092RSS

- Straight handle design
- Shaves clean and precise regardless of rivet height
- Adjustable depth cut in .001" increments
- Comes with stabilizer and 9/16" standard skirt
- Uses 1/4" x 28 male threaded shaver bits
- 5/8" capacity
- 8-1/2" length
- Rear exhaust
- Manufactured in the U.S.A.
- CE certified



U.S. INDUSTRIAL PANEL CUTTING SAW

PART NO: US7387PAS

- 4 lbs.
- Cuts a wide range of material: up to 3/16" aluminum, 16 gauge mild steel, 5/8" plastic laminates; and, with our diamond saw blades, cuts kevlar and composite materials.
- 5/16" depth of cut
 - Uses 1-1/4" - 2" diameter saw blades - specify
 - 7/16" arbor hole
 - 11-3/4" length
 - Includes (4) 1-3/4" saw blades
 - CE certified



Compact, quiet and powerful, with advanced ergonomic advantages to the user.

ACCESSORIES-SAW BLADES

- 157-34** (1-3/4" dia. - 44 tooth - 5/16" depth of cut)
- 157-36** (1-3/4" dia. - 60 tooth - 5/16" depth of cut)
- 157-54** (2" dia. - 44 tooth - 3/8" depth of cut)
- 157-56** (2" dia. - 60 tooth - 3/8" depth of cut)
- 157-710** (3-3/8" dia. - 100 tooth - 1" depth of cut)
- 157-713** (3-3/8" dia. - 136 tooth - 1" depth of cut)

U.S. INDUSTRIAL PANEL CUTTING SAW KIT

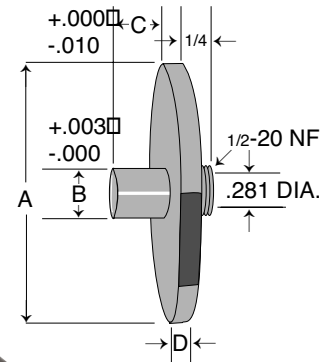
PART NO: US7387PASK

- Includes US7387PAS Panel Saw
- 4 157-34 Sawblades
 - 4 157-36 Sawblades
 - 4 157-54 Sawblades
 - 4 157-56 Sawblades
 - 1 TP584B Diamond Saw Blade
 - 1 TP584D Diamond Saw Blade
 - Tool Case



U.S. INDUSTRIAL ROUTER

- ### PART NO: US7092RO
- 2.12 lbs.
- Lightweight straight handle router
- 12,000 RPM
 - Accepts 1/4" shank router bits
 - Includes 14-2501 router guide
 - 6" length
 - Manufactured in the U.S.A.
 - CE certified



ROUTER GUIDES (for router bits with 1/4" shanks)

DIMENSIONS IN INCHES

PART NO.	A	B	C	D
14-2703	3/4	3/8	1/2	1/8
14-2400	1	3/8	1/8	1/8
14-2401	1	3/8	1/4	1/8
14-2402	1	3/8	3/8	1/8
14-2406	1	7/16	1/8	1/8
14-2407	1	7/16	1/4	1/8
14-2408	1	7/16	3/8	1/8
14-2411	1	1/2	1/4	1/8
14-2412	1	1/2	1/2	1/8
14-2413	1	1/2	5/8	1/8
14-2414	1	1/2	3/4	1/8
14-2417	1	9/16	1/8	1/8
14-2420	1	5/8	1/8	1/8
14-2421	1	5/8	5/8	1/8
14-2500	1-1/2	3/8	1/8	1/8
14-2501	1-1/2	3/8	1/4	1/8
14-2502	1-1/2	3/8	3/8	1/8
14-2505	1-1/2	7/16	1/8	1/8
14-2506	1-1/2	7/16	1/4	1/8
14-2507	1-1/2	7/16	3/8	1/8
14-2510	1-1/2	1/2	1/4	1/8
14-2511	1-1/2	1/2	3/8	1/8
14-2512	1-1/2	1/2	1/2	1/8
14-2600	2-1/2	1/2	1/2	3/16

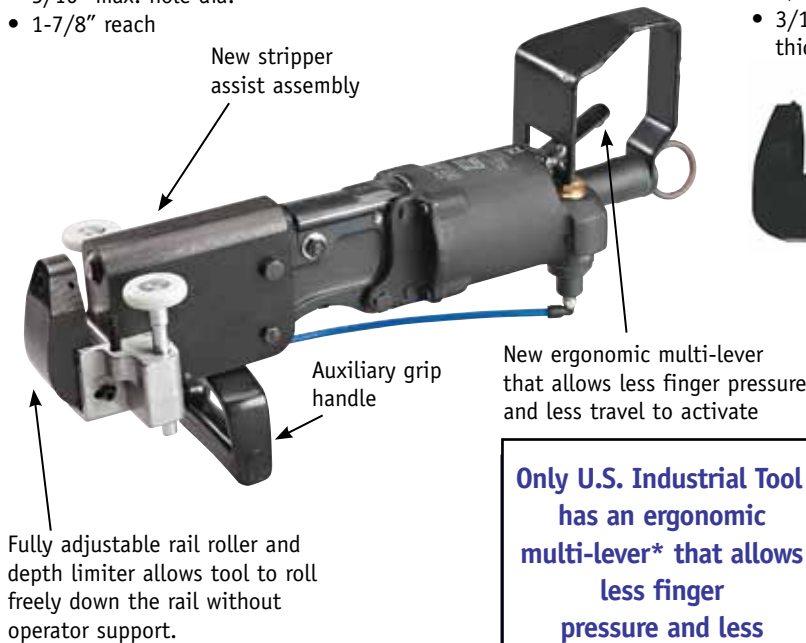


Truck trailer and box manufacturer's require tools that are designed specifically for their needs. U.S. Industrial Tool has those tools in our US151 Series Punching and Squeezing tools. Unfortunately, the industry has no standard extruded rail design which in turn requires small modifications to our standard design tools to fit each and every trailer builder. We at U.S. Industrial Tool can provide those modifications if you provide us with either a dimensioned drawing layout of your roof rail assembly or a sample rail. We'll provide the necessary modifications within reason or we'll advise you, if not structurally advisable with our standard tools, or offer additional options to achieve your goal.

Once completed, we'll catalog those unique changes and provide you with a special tool part number fitting your application. For future needs, all you'll have to do is specify by tool part number and you'll receive a tool ready for service.

U.S. INDUSTRIAL SUPER ROOF PUNCH PART NO: US151SPU

- 22.4 lbs.
- 540 clearance gap
- .480 max. material thickness - total stack up
- 5/16" max. hole dia.
- 1-7/8" reach
- 21-1/2" length
- We can provide punch yoke modifications to fit most every trailer rail configuration



U.S. INDUSTRIAL PORTABLE PUNCH PART NO: US151PU

20.5 lbs.

- Quicker and cheaper than drilling
- Makes clean, accurate holes without burrs
- 5,400 lbs. force maximum
- 3/16" maximum material thickness
- 5/16" maximum hole diameter
- 1-7/8" reach
- 1/2" gap
- 21-1/2" length
- Manufactured in the U.S.A.



Only U.S. Industrial Tool has an ergonomic multi-lever* that allows less finger pressure and less travel to activate.

Fully adjustable lever travel begins with 22°, but can be adjusted to 12°.

Increased area for hand, with smoother surfaces.

For Lever Assembly, reference Part No. 95508AS

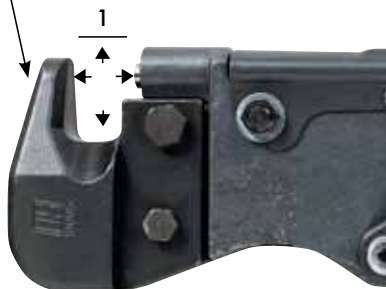
Unique variable pitch lever, allowing decrease in hand force per activation.

*Patent Pending. Tool provided with 35599 Guard standard.

RIVET SQUEEZERS FOR TRAILER ASSEMBLY - NOW AVAILABLE IN TWO STYLES FOR TRAILER BUILDING

US151-1A-2F

C-Yoke solid design with hardened upper anvil, eliminating removable sets, provides faster



US151-1A-3M

Standard set holder has a 3/16 brazier cupping integral (also available with replaceable set holder)



Specially designed c-yokes with or without removable set holder holes capable of fitting most rails for trailer and box manufacturers

New ergonomic lever assembly 95508AS (not shown in photo; see diagram above)

Ruggedly built cylinder assembly capable of the most demanding applications

U.S. INDUSTRIAL TAB SHEAR

PART NO: US7000

- Capacity: 1/16" steel, 3/32" aluminum
- Max. throat opening: 1/8" height*, 3" length*
- 8-1/2" long
- 4,500 max. force at 90 PSI
- Precision shearing of router tabs on aluminum, steel, titanium and stainless steel or similar shearing and trimming operations for other applications
- Double-action trigger valve
- Improved grip design for operator comfort
- Shear blades may be re-sharpened or rotated to a new edge
- Strengthened frame for improved durability
- 6.5 lbs.
- Made in U.S.A.



U.S. INDUSTRIAL TAB SHEAR

PART NO: US7000T

(Tandem Cylinder Design - Increased Force)

- Capacity: 1/8" steel, 3/16" aluminum
- Max. throat opening: 3" height*, 12-1/4" length*
- 8-1/2" long
- 6,500 max. force at 90 PSI
- 9.8 lbs.
- Made in U.S.A.



BENCH TOP STAND

PART NO: US7000BMS

Bench top stand allows stationary mounting of tab shear for added convenience, remote foot pedal, quick-change release, less tool, 4.10 lbs.

PART NO: US7000BMST

Bench Top Stand with remote foot pedal US7000T



U.S. INDUSTRIAL SHEAR

PART NO: US7387PS

PART NO: US7092PS (Straight handle, not shown)

2.14 lbs.

A compact, quiet and powerful tool with an advanced ergonomic handle design.

- Cuts straight lines or curves
- 18 gauge mild steel capacity
- 180"/minute cutting speed
- 7/32" width of cut
- 8-1/4" length
- Manufactured in the U.S.A.



U.S. INDUSTRIAL GRINDER

PART NO: US7092DBRE

1 lb.

- 18,000 RPM
- 1/4" collet
- 7" length
- Rear exhaust
- .36 H.P.
- Safety lever throttle
- Manufactured in the U.S.A.
- CE certified





US INDUSTRIAL STOP COUNTERSINKS

- Standard series countersinks have a hardened bushing supporting the spindle
- Rated to 3000 RPM
- For flush riveting, rivet shaving & collar removal
- 1/4" shank fits any power tool chuck
- 1/4" x 28 female threaded spindle will accept replaceable pilot cutter, hollow cutters, rivet shaver bits, etc.
- Hardened and ground precision spindle
- Adjustable in .001 increments
- Wrench flats on spindle to aid in cutter removal
- Can be fitted with other skirt styles (see below)
- 9/32" shaft travel
- 4" length
- Made in U.S.A.



PART NO: TP61

Standard Stop Countersink w/TP61-S Skirt - Wt. .28 lbs.

PART NO: TP61K

Kit includes 1 ea: TP61, TP62-21, 30, 40 & storage tube - Wt. .34 lbs.

TP61MM

Std. Countersink with 6 mm thread - Wt. .25 .

TP61WF

Std. Countersink w/TP61WF - 1 polished steel skirt - Wt. .31 lbs.

TP61WFT

Std. Countersink w/TP61WF - 1T Teflon faced skirt - Wt. .32 lbs.

US INDUSTRIAL STOP COUNTERSINKS - BEARING TYPE

- High speed series countersinks have ball bearings supporting the spindle
- For flush riveting, rivet shaving & collar removal
- 1/4" shank fits any power tool chuck
- 1/4" x 28 female threaded spindle will accept replaceable pilot cutter, hollow cutters, rivet shaver bits, etc.
- Hardened and ground precision spindle
- Adjustable in .001 increments
- Wrench flats on spindle to aid in cutter removal
- Can be fitted with other skirt styles (see below)
- 9/32" shaft travel
- 4" length
- Made in U.S.A.



TP61B

High Speed Stop Countersink w/TP61-S skirt. Rated to 6,000 rpm. Wt. .28 lbs. (Needle bearing)

TP61BB

High Speed Stop Countersink w/TP61-S skirt. Rated to 10,000 rpm. Wt. .31 lbs. (Double ball bearing)

TP61BMM

High Speed Stop Countersink w/TP61-S skirt. Rated to 6,000 rpm with 6mm thread. Wt. .31 lbs. (Needle bearing)

TP61BBMM

High Speed Stop Countersink w/TP61-S skirt. Rated to 10,000 rpm with 6mm thread. Wt. .31 lbs. (Double ball bearing)

TP61BWFT

High Speed Countersink w/TP61WF - 1T Teflon faced skirt. Wt. .35 lbs. (Double ball bearing)

JUMBO COUNTERSINK TP59

- Rated to 3,000 rpm
- For flush riveting, rivet shaving and collet removal
- Shank dia. 3/8"
- Female threaded spindle 3/8 - 24
- Cutter capacity 1 1/4"
- Adjustable in .001 increments
- 1/2" shaft travel
- Bearings
- Uses TP60 series countersink pilots



U.S. INDUSTRIAL SWIVEL REGULATOR

PART NO: TP1

- .25 lb.
- 360° swivel to allow hose to drop down
- Ball detent regulator
- 1/4" connection
- 25 CFM



RIVET GUN TYPE SCREW REMOVAL TOOL

PART NO: TP328

- 1.8 lbs.
- Useful in removing screws that are corroded or have stripped heads
- .401 Parker taper shank for use in rivet gun
- 3/8" square socket end with 1/4" hex adapter included
- Use standard Phillips or Slotted insert bits
- Rivet gun required



RETAINER SPRINGS

- Our retainer springs come in two styles:
- Quick Change Type: designed to make possible the speedy changing of rivet sets in your rivet gun.
 - Beehive Type: designed to securely hold rivet sets in the rivet gun.

Retainer Spring Part No.	Beehive Type Tool No.	Quick Change	Safety Type Tool No.
A1006-234X	1X-2X-3X-4X E3-E5 2R-3R-4R-5R	N/A	N/A
A1007-234X	N/A	1X-2X-3X-4X E3-E5 R-3R-4R-5R	N/A
A1006-SAF	N/A	N/A	1X-2X-3X-4X E3-E5 2R-3R-4R-5R
A1006-579X	5X-7X-9X	N/A	N/A
A1007-579X	N/A	5X-7X-9X	N/A
A1007-100B	N/A	100B-200B	N/A
A1006-AVC	AVC12-AVC13	N/A	N/A
A1007-AVC	N/A	AVC12-AVC13	N/A



BEEHIVE TYPE



QUICK CHANGE TYPE



A1006-SAF

U.S. INDUSTRIAL PRO MECHANIC PRECISION RIVET HEAD GAUGES

- PART NO: TP854P-3 (3/32 or -3 rivet size)
- PART NO: TP854P-4 (1/8 or -4 rivet size)
- PART NO: TP854P-5 (5/32 or -5 rivet size)
- PART NO: TP854P-6 (3/16 or -6 rivet size)
- PART NO: TP854P-7 (7/32 or -7 rivet size)
- PART NO: TP854P-8 (1/4 or -8 rivet size)



- Precision machined
- Provides accurate rivet shank measurement of minimum to maximum. Dovetail finished diameters, as driven.
- Approximately 1" x 1" size
- Nominal gauge slot for identification of rivet diameter
- Dovetail heights and based on 1.5 D (rivet diameter versus length of shank minus actual material stack up)

U.S. INDUSTRIAL RIVET LENGTH GAUGE

PART NO: TP853

- This gauge eliminates the guessing of rivet lengths
- Measures 3, 4, 5, and 6 rivets (1.5d of the rivet shank)
- Made from machined aluminum and anodized
- Ideal for the kit builder
- Can also be used for flush rivets



U.S. INDUSTRIAL SHOP HEAD RIVET GAUGE SET

PART NO: TP854

- This gauge eliminates guessing if your rivets are properly set
- Each gauge checks the dovetail height and offset shank of rivet (1.5d of the rivet shank)
- Set of four gauges for -3, -4, -5, and -6 rivets
- Made from aluminum and anodized
- Can also be used for flush rivets
- Color coded



HEAVY DUTY RIVET CUTTER

PART NO: TP346

- All cast steel construction
- Cuts 1/16 to 1/4" aluminum rivets - domed and countersunk head types
- 10 rivet sizes available
- Adjustable rivet length gauges in 1/16" of inch

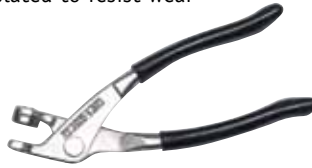




CLECO PLIERS

PART NO: TP74

- Installs CLEKO-LOK C-CC-CHD fasteners
- Installs Monogram M, MM, ML, MEL & MHD fasteners
- Installs Kwik-Lok K-KK, KL, KEL & KHD fasteners
- Made from forged steel and nickel plated to resist wear and abuse
- Top quality forged construction



CLECO REVERSE PLIERS

PART NO: TP74B

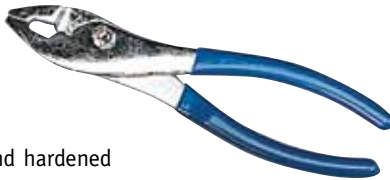
- Used in limited access areas
- Requires less travel per activation



U.S. INDUSTRIAL FLUTING PLIERS

PART NO: TP722

- .4 lbs.
- Polished machined jaws
- Forged steel construction and hardened
- Cushion grip handles
- Ideal for kit builders
- 9-1/2" length
- Manufactured in the U.S.A. by U.S. Industrial Tool



U.S. INDUSTRIAL CLECO INSTALLATION DRIVER

PART NO: TP835

.14 LB.

Developed to install all types of Wing Nut and Hex Nut Reusable Fasteners. Can be used with any power tool that has a 1/4" capacity chuck or a 1/4" hex female spindle. We recommend a driving tool with an adjustable clutch since damage to the aircraft structure can occur if excessive torque is applied.

- Simple alternative to a dedicated power tool used to install Wing/Hex Nut Fasteners
- Increases productivity
- Usable in field repairs or for kit aircraft construction
- Comes with a hex wrench for retaining fastener body
- Heat treated steel construction
- 3-1/2" overall length, 2-1/2" extends beyond chuck



U.S. INDUSTRIAL

PNEUMATIC CLECO FASTENER INSTALLATION TOOL

The Pneumatic Cleco Fastener Installation Tool, #US902, has been developed to eliminate the constant, repetitive motion associated with the common cleco plier. It also adds speed and efficiency to the installation and removal of cleco fasteners. This tool is ideal for kit builders, mechanics and aircraft production assemblers.

- A must for every aircraft builder
- Lever throttle
- Ergonomic handle
- 360° swivel mount
- For use on button type and side grip temporary fasteners
- Quiet operation
- Straight handle
- 6 foot polyurethane lead hose
- Made in the U.S.A.
- CE certified

SPECIFICATIONS - US902 & US902E

PART NO.	WEIGHT	LENGTH	AIR INLET
US902	0.75 lb.	5-1/2"	1/4"
US902E	1.00 lb.	9-1/2"	1/4"



US902



US902E

U.S. INDUSTRIAL MINI-AIR VACUUM

PART NO: TP675

.53 lb.

- Venturi type design with 1" I.D.
- Lightweight ABS plastic construction
- Picks up ferrous and non-ferrous chips, bolts and rivets
- Throttle with special lock-on feature
- TP575-10 - 18" flexible hose included
- 1/4" inlet
- Air required
- Made in USA



ACCESSORIES

PART NO: TP275B (Spare bag and clip for either vacuum)

PART NO: TP275-1 (Spare bag only for either vacuum)

PART NO: TP275B-1 (Spare clip for either vacuum)

PART NO: TP575-10 (18" clear flexible hose for 1" I.D. vacuum)

PART NO: TP575-24 (24" clear flexible hose for 1" I.D. vacuum)

PART NO: TP575-36 (36" clear flexible hose for 1" I.D. vacuum)

PART NO: TP575R-10 (12" rigid tube for 1" I.D. vacuum)

PART NO: TP575R-24 (24" rigid tube for 1" I.D. vacuum)

ALUMINUM MINI-AIR VACUUM

PART NO: TP575

.53 lb.

- Venturi type design with 1" I.D.
- Cast aluminum construction
- Picks up ferrous and non-ferrous chips, bolts and rivets
- Throttle with special lock-on feature
- TP575-10 - 18" flexible hose included
- 1/4" inlet
- Air required



U.S. INDUSTRIAL HOLE FLANGING TOOL

PART NO: TP326

- Ideal tool for flanging lightening holes
- Ball bearing construction
- Easy to use



U.S. INDUSTRIAL RIVET SET ORGANIZER

PART NO: TP843

- Plastic organizer block holds up to 28 pieces of dimple dies and squeezer sets
- 5" X 8" X 1/2" thick with 28 equal spaced .187" holes
- Precision machined by U.S. Industrial Tool
- Rivet sets not included



FRACTURE RESISTANT FASTENER ORGANIZER

PART NO: TP840

.99 lbs.

Handy fastener organizer that allows the storage of rivets, screws, plate nuts, pins, etc. Provides quick access and easy selection of hardware right at your work site. Spring loaded doors on each compartment insure that the fasteners will stay stored and will stop unwanted spills if knocked over.

- 7" X 12" X 2" (Units are stackable).
 - 8 compartments 3" wide X 2-7/8" length X 1-3/4" deep
 - ABS plastic construction
 - Drop away handle for ease of carrying and storing
- Accessories at additional cost:

DIVIDER TRAY

PART NO: TP840-2

Divide each compartment in half with a simple slide-in insert.



US INDUSTRIAL CAM-LOC PLIER

PART NO: TP786

.25 lb.

- Ergonomic design
- Molded polyurethane hand grips
- High quality plier designed specifically for stud series 2600, 2700 and 4002
- Manufactured in the U.S.A. by U.S. Industrial Tool



U.S. INDUSTRIAL WRENCH TYPE RIV-NUT TOOL

PART NO: TP726A - 6-32

PART NO: TP726B - 8-32

PART NO: TP726C - 10-32

PART NO: TP726N - NOTCHER

PART NO: TP726K - KIT

(Kit includes: TP726A, TP726B, TP726C, TP726N and handy case)

- Perfect for field repair and experimental use
- Easy to use - inserts from one side of the work in seconds
- Excellent for close quarters, overall height less mandrel 1-1/2"
- Uses 3/4" open end or socket wrench
- TP726N - Notcher - manually operated
- Made in the U.S.A.





HAND SEAMER

PART NO: TP44

1.5 lbs.

- Wide, deep jaws machined for smooth parallel fit
- Forms precise folds and seams
- 1" deep x 3-1/2" wide throat



DEBURRING TOOL

PART NO: TP266

- Curved blade swivels freely and automatically
- Blades install quickly
- Seven blades included (TP266A)

For faster, easier deburring . . . follows all shapes, holes and contours.



REPLACEMENT BLADES

PART NO: TP266A

- For steel and aluminum

PART NO: TP266B

- For brass and cast iron
- Can rotate clockwise and counter-clockwise

PART NO: TP266C

- For straight edges on all materials

PART NO: TP266D

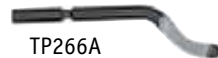
- Removes internal and external burrs simultaneously from holes drilled into tubing and sheet metal

PART NO: TP266E

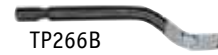
- For small holes in steel and aluminum

PART NO: TP266F

- For small holes in brass and cast iron
- Can rotate clockwise and counter-clockwise



TP266A



TP266B



TP266C



TP266D



TP266E



TP266F

BRAKE LINING RIVET TOOL

PART NO: TP95

1 lb.

- Cast steel frame
- Supplied with rivet removal punch, anvil and rivet set for 1/8" rivets
- 3" L x 1" W x 3-1/2" H

This is the original brake rivet tool designed for replacing small aircraft brake pads. Simply mount the tool in a vise, align the rivet to the panel and strike the punch with a hammer. This easily removes the old pad. For installation, install the new pad and rivet and align to the rivet set. Gently strike the set to upset the rivet.



STRAP DUPLICATORS

- Precise method for drilling duplicate holes in overlapping sheet - 6-1/4" length



BUSHING TYPE
TPMM250-1/4"
TPMM250-1 #40
TPMM250-2 #30
TPMM250-3 #21
TPMM250-5 #10
TPMM250K - 4 pc. kit w/pouch

4 pc. kit includes -1, -2, -3 and -5 only.

TIMING INDICATOR

PART NO: TP102

1.3 lbs.

This quality tool is supplied with an 18mm top dead center indicator for the #1 cylinder. The Timing Indicator attaches to most aircraft engines, equipped with propeller nose cones (spinners), by an elastic strap. They are very easy to use and are accurate to 1/2°.

- Aluminum unit designed to speed up progress of timing magnetos to engine

PART NO: TP102E

Made by Eastern Technology



MAGNETO TIMING LIGHT

PART NO: TP105

1.75 lbs.

- Complete with batteries

For internal timing and synchronizing of magnetos to the aircraft engines. Simply attach 3 clips to magnetos and adjust until both bright lights flash in synchrony and the buzzer changes pitch.

PART NO: TP105E

Made by Eastern Technology



HI-VOLTAGE CABLE TESTER

PART NO: TP103

1.3 lbs.

This unit operates off the aircraft power supply and provides a fast and accurate test of aircraft ignition cables.

- Accurate testing of aircraft ignition cables
- Simple 3 wire connection
- Press button and test is complete

TP103E

Made by Eastern Technology



U.S. INDUSTRIAL

DIFFERENTIAL CYLINDER TESTER

PART NO: TP104

PART NO: TP104-9B 14mm adapter w/ copper washer

PART NO: TP104-9A 18mm adapter w/ copper washer

2 lbs.

Our Differential Cylinder Pressure Tester is a fast and accurate test to help determine worn or cracked rings, locate defective intake or exhaust valves, worn or stripped spark plug bushings or leaky head gaskets among others.

This unit is the best on the market.

- Pre-calibrated
- .040 Orifice
- Re-Certification Calibration service available on all models
- Includes storage pouch

MASTER ORIFICE TOOL

PART NO: 646953A

- Used to calibrate Differential Cylinder Tester



U.S. INDUSTRIAL/ECKOLD FOOT FORMER PART NO: USPF150

- (Includes 1 each FWA405K & FWR407K jaws)
- Designed and developed through a team effort between Eckold AG and U.S. Industrial Tool
 - Ideal for use in sheet metal shops, schools, auto restoration facilities, aircraft maintenance shops and manufacturers
 - Quick change tooling allows change-over in seconds
 - Cast iron base with built in work shelf for tool storage
 - Adjustable stroke to compensate for metal thickness
 - Foot operation allows the use of both hands on large jobs
 - Provides compound leverage and is much more comfortable for the operator
 - Allows for greater control in correcting operations



ECKOLD POWER FORMER PART NO: KF170PD

- Manufactured by Eckold in Switzerland
- Pneumatic operation
- Adjustable Ram and Stroke positions to allow for sensitive pressure adjustment
- Utilizes unique quick change tool mechanism
- Adjustable height
- Moves on wheels
- Used for shrinking, stretching, flattening, punching, notching
- A reasonably priced, quality machine
- Single stroke or continuous stroke operation



SPECIFICATIONS

PART NO.	REACH	GAP	CAPACITY	HEIGHT	WEIGHT
USPF150	6"	3-1/2"	16 ga. mild steel 14 ga. aluminum	40"	365 lbs.
KF170PD	7"	4"	16 ga. mild steel 14 ga. aluminum	60"	550 lbs.

OPTIONAL JAWS

PART NO.	SHRINKING	STRETCHING	DIA.	CAPACITY
STEEL TYPE - STANDARD				
FWA405K	X		40mm	16 ga. mild steel
FWR407K		X	40mm	16 ga. mild steel
STEEL TYPE - EXTENDED				
FWA602K	X		60mm	14 ga. mild steel
FWR603K		X	60mm	14 ga. mild steel
HS40K	X		40mm	16 ga. mild steel
NO-MAR TYPE - STANDARD				
HFL70K	X		40x70mm	18 ga. aluminum
NO-MAR TYPE - BEAK - EXTENDED				
HLA60K	X		38x65mm	19 ga. aluminum
HLR60K		X	28x65mm	19 ga. aluminum

ECKOLD SHEET METAL HAND FORMER PART NO: HF100

(Includes one set of standard shrinking and stretching jaws - FWA405SSP & FWR407SSP)

PART NO: HS40SSP (Beak tool)

PART NO: HFL70SSP (No-Mar jaws)

The Eckold Handformer consists of a pedestal, column and head. The jaws are activated by pressing down on the lever. The quick-change holders on the jaws eliminate down time so the Handformer is always ready for use. Great for shrinking, stretching, punching, bending and notching.

SPECIFICATIONS:

- 69 lbs.
- Reach when shrinking & stretching - 3.150"
 - Gap when shrinking & stretching - 2.362"
 - Working capacity:
 - steel of deep-drawn quality - .059"
 - light metal - .079"
 - Stainless steel - .059"
 - Adjustable work height - 32.680" to 44.490"



HF80CH



A wide variety of tooling available

ECKOLD® AIR POWERED HAND FORMER DRIVE KIT

PART NO: 702-000-000 (Conversion Kit complete)

PART NO: HF80CH-702

(HF80CH fitted with 702-000-000 kit)

Convert your existing Eckold hand operated hand former to an air powered hand former with remote foot pedal control. Foot pedal speed and sensitivity is adjustable and allows the operator precise control of applied forces. Hands-free operation will make forming/connecting much less challenging than hand operated. Detailed installation instructions are included with each kit. A real enhancement to productivity and operational ease.



ECKOLD PLANISHING HAMMER KIT

PART NO: GL2

The GL2 is essential for the manual cold forming of metal and aluminum sheet. A portable design where the work can be brought to the tool on the tool to the work. Any industry that has to do prototype manufacture or repairs of existing product can use this kit successfully!

- Quick Change Tooling Design
- Includes: Three (3) different forming dies for planishing, stretching and curving.
- Handy Storage Shelf "The Eckold Tool for a Perfect Finish."



**WE ARE THE NATION'S ONLY STOCKING ECKOLD DISTRIBUTOR
ECKOLD FORMERS ARE THE MOST WIDELY USED MACHINES WORLDWIDE!**



ECKOLD "PICCOLO" FORMERS

PART NO: KF324 (Piccolo Kraftformer, manual pressure control)

PART NO: KF330 (Piccolo Kraftformer, automatic pressure control)

The Eckold electrically operated machines are designed for speed and accuracy of operation. These universal machines are used for cold chipless metal forming. The "Piccolo" has a variety of optional jaws available, all with quick-change features. The speed and ease of operation add to the high quality and profitability of the job being performed. Ideal for aircraft and auto restoration metal forming.

TECHNICAL DATA

760 lbs. (Approx.)

- Throat reach: 14"
- Throat gap (less tooling): 9-1/2"
- Vertical tooling clearance: 6-3/8" - 7-1/2"
- Overall height: 61-1/4" - 65-5/8"
- Adjustment of ram: 1.30" by hand wheel, 1.18" by geared motor
- Strokes per minute: 400
- Kind of current: 3 phase AC
- Forming capacity:
 - Deep drawing steel: .079
 - Light metal: .100
 - Stainless steel: .060
- Voltage and frequency: per customer request
- Shipped motor freight - freight collect

KF324



KF330



LOOK AT ALL THAT YOU CAN DO WITH AN ECKOLD PICCOLO FORMER!

STRETCHING and SHRINKING:
with standard tooling available in sizes of 40 - 50 - 60mm diameters.



STRETCHING OPTIONS:
Beak forming tool for acute angles or channels. No-Mar tools for stretching without damaging surface of alloy materials



PLANISHING:
Tools do not damage surface of material due to their elasticity.



DOMING:
Tools capable of minimum doming radius of 2.17"



REFORMING:
Reforming and calibrating tools are used to size preformed components to the required exact radius.

FLATTENING:
Used to take out "oil cans" or "bananas" by shrinking concentrically.



STRAIGHTENING:
Used for straightening distorted and deformed parts.

FLANGING:
Inside-outside-irregular configuration.



NOTES



NOTES

Lined area for taking notes, consisting of multiple horizontal lines.



NOTES



Applifast.



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applifast.com