

Aviation Snips

Nothing outcuts, outmaneuvers or outlasts Max! 18-Ga. Capacity. Easy to grip with full length cut.

M2001 - Left Cutting 1-3/8" (34.9 mm) cut

M2002 - Right Cutting 1-3/8" (34.9 mm) cut

M2003 - Combination Cutting 1-11/16" (42.9 mm) cut

M2005 – "Bulldog" Notching and Trimming 1-1/16" (27.0 mm) cut

M2006 – Offset, Left Cutting 1-1/4" (31.8 mm) cut

M2007 - Offset, Right Cutting 1-1/4" (31.8 mm) cut

S2R - 3-1/4" W x 1-1/4" D (83 x 31.8 mm) Jaws

S6R – 6" W x 1-1/4" D (152 x 31.8 mm) Jaws

S3R - 3-1/4" W x 1-1/4" D (83 x 31.8 mm) Offset Jaws

S9R – 9" W x 2" D (229 x 50.8 mm) Die Cast Zinc Jaws





Aluminum Handled Snips

Lightweight with the strength of steel. 24-Ga. capacity. Replaceable inset carbon steel blades.

M12A – "Andy Classic" 12" (31 cm) Pattern Snip, 3" (76.2 mm) cut

M14N – 14" (36 cm) Pattern Snip, 3-1/4" (82.6 mm) cut

MC14N – 14" (36 cm) Combination Snip, 3-1/4" (82.6 mm) cut

M12ARB – Replacement Blades for M12A M14NRB – Replacement Blades for M14N

MC14NRB - Replacement Blades for MC14N

Vinyl Plastic Cutting Aluminum Handled Snip

Knife-like edge cuts car bumpers and a variety of other flexible non-ferrous materials.

MV12 – 12" (31 cm) Combination Snip, 3" (76.2 mm) cut
MV12RB – MV12 Replacement Blades



Cast Steel Seamers & Tongs

3-1/2"W x 1-1/2"D (89 x 38 mm) straight, offset & vinyl-gripped combinations.

S10 – Straight Jaws

SG10 - Straight, Gripped Jaws

S11 – Offset Jaws

SG11 - Offset, Gripped Jaws





No. TSA1

- Ideal accessory for cordless drills. Inserts directly into the chuck of a minimum 14.4 Volt Cordless or 7 Amp A/C electric drill.
- Aluminum shear head and Telescoping Drill Clamp provide sure one-handed control. The aluminum cast head also offers an additional safe gripping area when needed.
- Compact molded polymer clamp ensures operational ease by adjusting for both length and width of any drill housing.
 Also fits smaller bodied lithium-ion battery powered units.



No. TSA1A

- Outstanding accessibility and control at air speed.
- Compatible with virtually any shop's existing air supply.
- Comes completely assembled and ready for service at a very attractive price.



* Adjustable Blades

- Clearance between the shear's cutting inserts may be adjusted for optimal performance within a range of 16 to 26-gauge (1.52 to 0.46 mm) automotive steel.
- A helical (spiral) shaped foot permits easy left, right or straight cutting action.





No. TSHD1

- Use with minimum 14.4 volt 3/8" (9.53 mm) cordless or corded drill
 Easily cuts auto body panels, wide-opening jaws also navigate thick plastic bumper profiles, rocker panels and layered metal
- Cuts straight and to the left including round and square auto body patches
- 18-gauge (1.22 mm) capacity in steel is also versatile for cutting most other common sheet metals.

Long lasting blades also easily replaceable at job site. Order No. TSHDRB

U.S. Patents No. 7,093,365B2 • No. D513,953



No. TS1

- Use with minimum 1200 RPM 3/8" (9.53 mm) cordless or corded drill
- Designed for 20-gauge (0.91 mm) steel and other common sheet metals including auto body panels
- Easily cuts thick plastic bumper panelsCuts Straight and to the Left including
- round and square auto body patches
- Two hand operation with hand peg U.S. Patent No. TS1 No. D488,695



Long lasting blades also easily replaceable at job site. Order No. TS1RB



Works with your shops existing air supply!

No. TSHD1A1

- Compatible with most existing air set-ups
- Easily cuts auto body panels, wide-opening jaws also navigate thick plastic bumper profiles, rocker panels and layered metal
- Cuts straight and to the left including round and square auto body patches
- Compact, lightweight, one-hand operation
- 2600 RPM / 4CFM (133 L / Min.), 90 PSI (6.2 Bar)

Long lasting blades also easily replaceable at job site. Order No. TSHDRB.



Catalog Number	Description	Net Wt. lbs. (kg)	Net Wt. oz. (g)	
TSA1	TurboShear 16-Gauge	3.0 (1.36)	M 77 (M)	
TSA1A	TurboShear 16-Gauge AIR	4.0 (1.81)	11/10/11/11	
TSHD1A1	TurboShear HD AIR	3.69 (1.67)	31/10/1	
TSHD1	TurboShear HD	2.44 (1.11)	313-36	
TS1	TurboShear		26 (737)	
TSA1RB	Replacement Blades — TSA1 /TSA1A	-	11 - 111	
TSHDRB	Replacement Blades — TSHD1A1 /TSHD1	SHE STOPPER	14-31111	
TS1RB	Replacement Blades — TS1	The state of the state of	NAME OF THE OWN	



Zip-in[°]

U.S. Patent No. D524,638



Self-Piercing Sheet Metal Screws

The standard by which all others are judged. A unique thread design and quality controlled manufacture spell the Zip-in® difference. Rated #1. Zip-in® screws are the best selling sheet metal screws worldwide.

Painted Sheet Metal / Drill In Screws

Drill-In screws, Type A, Single Thread (Shown in Bags)

Specifications

Catalog Number	Description	Head Color		Head Size	Qty
Zip-in® Screws					
HW8x3/4ZT	Zip-in® Tub		Zinc Plated	1/4"	1000
Painted Sheet Metal Screws					
HW6x3/8ZRBT	Sheet Metal Tub	•	Royal Brown (RB)	1/4"	1000
HW6x3/8ZWT	Sheet Metal Tub	0	White (W)	1/4"	1000



Look for the Dots! ® Trademarked & Patented Head Markings indicate one and only genuine Zip-ins®.



Soft-Sided Tool Bag

Durable nylon bag with non-slip rubber grips. 10 exterior pockets. 8 interior pockets.

TB1 – L-17" (43 cm) x W-8" (20 cm) x H-8" (20 cm)

Deadblow Hammer

One-piece construction of weather-resistant urethane compound ensures long service life.

DB1 – One-piece urethane, non-marring, non-sparking,



Fin Straightening **Tools**

Nvlon construction with one-piece adjustable combs. Non-marring.

FST – 8, 10, 12, 14 fins per in. (25 mm) **FST2** – 16, 18, 20, 22 fins per in. (25 mm)





One-Inch Notcher

The N2R Notcher punches a big 1 inch (25.4 mm) deep "V" notch in common 24 to 30 (0.71-0.41 mm) gauge galvanized sheet metal quickly and easily.

N2R - Throat Depth 1" (25.4 mm)



Step Drills

HSS drills make large or small holes / knockouts in soft or thin materials.

UB1 – 13 holes (1/8"-1/2") in 1/32" increments

UB20 – 8 holes (9/16"-1") in 1/16" increments **UB3** – 9 holes (1/4"-3/4") in 1/16" increments

UB11 – 11 holes (1/4"-7/8") in 1/16" increments



Pocket Sized Sheet Metal Scribe

Scribe commonplace trim lines on galvanized sheet metal quickly and accurately. Ten pre-set scribing depths from 1/8" to 1" (3 to 25 mm). Each depth size features a dual edged point to create clean, readable and accurate score lines parallel to the edge of the metal sheet.

A40 – 1/8", 3/16", 1/4", 5/16", 3/8",1/2, 5/8", 3/4", 7/8", 1" (3.2, 4.8, 6.4, 9.5, 12.7, 15.9, 19.1, 22.2, 25.4 mm)



Adiustable **Sheet Metal Scribe**

Measure, mark and scribe trim lines on sheet metal in one easy operation. Set desired trim depth on the 1/8" (3.2 mm) graduated scriber extension and tighten knob. The stop at the end of the scriber sleeve glides along edge of work as a 6 x 3/8" sheet metal screw point scribes a clean, hard line. Adjustable from 1/4" to 12-1/2" (6.4 to 318 mm) depths. Rotate the scriber extension and knob end to end for depths larger than 6-1/2"(165 mm).

A60 – Min-Max adjustments — 1/4" to 12-1/2" (6.4 to 318)



Expandable Trammel Points

The TR42 expands to a big 42" (107 cm) radius (84" diameter). The compact TR18 expands to 18" (46 cm) and stores in most tool boxes. Points are reshapenable and replaceable, with No. TRP replacement points

TR18 - 18 in. (46 cm)

TR42 - 42 in. (107 cm) TRP - Replacement Points

Hand Riveter

Features long and short (power) stroke.

2IN1 - 3/32" - 3/16" (2.4 - 4.8 mm) steel capacity, 3/32" - 5/32" (2.4 - 4.0 mm) stainless steel capacity



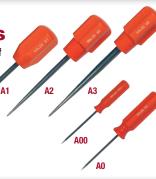
Scratch Awls

High Carbon alloy steel, shatterproof handles, resharpenable.

A0 – 1/8" (3.2 mm) dia.

A00 – 1/8" (3.2 mm) dia. **A1** – 7/32" (5.6 mm) dia.

A2 – 1/4" (6.4 mm) dia. A3 - 3/8" (9.5 mm) dia.





Caulking Guns

Easy loading and lightweight for smooth, clean operation

CG10 - Slotted front, 1/10 gal. cartridge capacity, 2 in. (51 mm) cartridge dia., 8-1/2" (216 mm) length, 17 oz. (482 g) net wt.

CG12 - Compact design, puncture wire, 1/10 gal. cartridge capacity, 2 in. (51 mm) cartridge dia., 8-1/2" (216 mm) length, 25 oz. (709 g) net wt.

CG18 – Smooth action with large comfortable power grip, double-gripping plate, steel trigger, trigger adjustment, rotating barrel, 1/10 gal. cartridge capacity, 2 in. (51 mm) cartridge dia., 8-1/2" (216 mm) length, 28 oz. (794 g) net wt.

CG20 – Heavy-duty, thumb-activated pressure release, powerful ratcheting action, rotating square piston rod, puncture wire, 1/10 gal. cartridge capacity, 2 in. (51 mm) cartridge dia., 8-1/2" (216 mm) length, 28 oz. (794 g) net wt.

Slip-On **Spring Tube Benders**

Bend tubing including brake lines and more without collapsing walls.

TB1026 - 3/8" (9.5 mm) O.D. Capacity TB1028 - 1/2" (12.7 mm) O.D. Capacity

TB1020 - 5/8" (15.9 mm) 0.D. Capacity **TB1022** - 3/4" (19.1 mm) 0.D. Capacity

TB102K - Kit: 5-piece set including Tube Benders above plus 1/4" (6.4 mm) 0.D. size



Tube Slicer

Cuts hose up to 1" (25.4 mm) I.D. **TC400** – Cutting applications include ABS, PVC, and rubber tubing and fabric-reinforced hose.



SL14059G

