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Telephone : (310) 632-5400 Fax: (310) 632-3900

Supplying the Aerospace, Defense & Metal Working Industries Since 1951!

Minimum Order

\$100.00 List Price

Terms

Net 30 days on approved credit only.
Approved credit cards.
Prepaid via check or wire transfer.

No C.O.D. shipments.

Returns

Return authorization is required.
Merchandise must be sent freight prepaid to the facility from which it was purchased.
A 20% restocking charge is applicable.

All claims must be made within 7 days of receipt of goods.

Freight

F.O.B. shipping point.

Special Orders

All special orders may require prepayment.

Currency

All prices are in US dollars.

Overseas Customer Terms

Same as above, only **prepayment via bank wire transfer (all fees for buyers account) or by bank check.**

US Air Tool Company (also known as USATCO) has been a family owned and operated business since 1951. We are now a US manufacturer and worldwide distributor of high quality tools for the aviation industry with offices in New York & California. In addition, from the beginning of the homebuilder era in the 1970's, USATCO has been providing tools and equipment to craftsmen around the world who build and fly their own aircraft. These "sheet-metal artists" are now flying thousands of planes built and maintained with USATCO tools.

USATCO offers the highest quality products at competitive prices, with the knowledge and experience necessary for expert advice in product selection. Our courteous staff will be pleased to assist you. And of course, all the products we offer are fully guaranteed. If you don't see what you are looking for, please don't hesitate to contact us. We work hard to provide our customers with straightforward & reliable business. Try us & see!

USATCO.com

Don't forget to check out USATCO Online, with monthly sales, homebuilder specials, surplus items & an easy to use interface its a great place to shop for tools on the web. **www.USATCO.com**

Government IMPAC Cards Accepted

USATCO Tool Repair

We repair all major brand pneumatic tools on our premises. We are an official repair station for Cherry Textron[®], Chicago Pneumatic[®], and Cooper[®] Power Tools (including Dotco[®], Gardener Denver[®], Buckeye[®] and Doler[®]). In addition, we have our own manufacturing and modification facilities. We are riveting and product assembly specialists!

We will be happy to examine your tools free of charge and give you an estimate of repair cost. Ship prepaid to any of our facilities. Please send tensiometers to our New York Lab only.

Please ask about our tool rental policy!

Limited Warranty

If for any reason you are not completely satisfied with any item purchased from us you may request a return authorization within seven (7) days of receipt of goods. When obtained, send us the item (transportation prepaid) for replacement, repair or refund. Tools manufactured by USATCO are warrantied for one (1) year from date of purchase. We cannot assume liability for abuse, misuse or alteration of goods. Any tampering with tools or attempted repairs of same will nullify this warranty. Warranties from other manufacturers available upon request.

DEBURRING TOOLS

Shaviv® Universal Deburring Kit



NEW

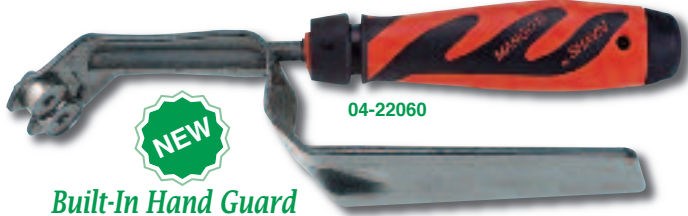
Versatile set includes tool for both sheet-edge cleaning and general deburring across a wide range of materials.

Kit Includes:

Ergonomic Tool Handle, 'Burr-Bi' Double Edge Deburr Tool with Hand Guard & Two Sets Of Wheel Blades, Four Telescoping Blade Holders, Ten Blades in Assorted Profiles, Hex Key & Fitted Case

Part Number	Description
04-22181	Complete 21 PC Kit

Shaviv® Burr-Bi Double Edge Deburr Tool



NEW

04-22060

Built-In Hand Guard

- Deburrs both sides of the workpiece quick and efficiently.
- Heavy-duty, round R10 H.S.S. blades are double-sided. (side 'A' side for spiral chips, 'B' side for powdery chips)

Part Number	Material Capacity
04-22060	Up to 5/8"

Replacement Blades	
Part Number	Description
04-22065	Replacement Blade Set

Shaviv® Deburr Tool



Ergo Handle

04-22022

- Ideal for when need to get up close to the workpiece.
- Safety lock to prevent losing blades while working.
- Includes one of all five blades shown below.

NEW

Part Number	Description
04-22022	Multi-Burr With 5 Blades

Heavy-Duty H.S.S. Replacement Blades (3.2 mm)

Part Number	Description
04-E-100	General purpose, for metals with spiral chips.
04-E-111	Thin pointed nose for small holes (down to 1/16").
04-E-120	Thin rounded nose for small holes. Left & right cut.
04-E-200	For powdery chips and plastic. Left & right cut.
04-E-300	For spiral chips and plastic. Dual inside & outside cut.

Note: Cobalt, TiN coated and carbide blades also available, please inquire.

Shaviv® Aeroburr Deburring Sets



NEW

Long Lasting TiN Coated H.S.S. Blades

90110

- Perfect for deburring curves and small holes down to 1/16".
- Customized specifically for the aerospace industry.
- TiN blades offer five times the life of non-coated blades.
- For use on steel, aluminum, copper, stainless and plastics.
- Includes five blades (see below) and blade holder.

Part Number	Description
90110	7PC Standard Duty Set
90111	7PC Heavy-Duty Set

TiN Coated H.S.S. Replacement Blades

Part Number	Description
04-B-11P	Thin pointed, standard-duty 2.6 mm thick blade.
04-E-111P	Thin pointed, heavy-duty 3.2 mm thick blade.

Burnishing Tool



- Designed to remove blemishes & scratches in sheet metal.
- Heat-treated blade is hard chrome plated & mirror polished.

Part Number	Overall Length
04-515	6-5/8" (168 mm)

Shaviv® Telescoping Deburr Tools



Includes 0.78" Capacity Cutter

04-K680

- Powerful tools excellent for both countersinking and chamfering.
- Telescoping action for chamfering in deep holes and tight spaces.

Telescoping Ratchet Deburr Tool

- Ratchet mechanism makes countersinking trouble free.
- Great where normal rotational deburring is impossible.



Part Number	Type	Telescope Action
04-K380	Standard	1/4" to 3-1/4"
04-K680	Ratchet	

Replacement Cutters

Part Number	Capacity
04-F-12	0.47"
04-F-20	0.78"
04-F-30	1.18"

Shaviv® Telescoping Ratchet OD Deburr Tool



Includes 1.02" Capacity Cutter

90073

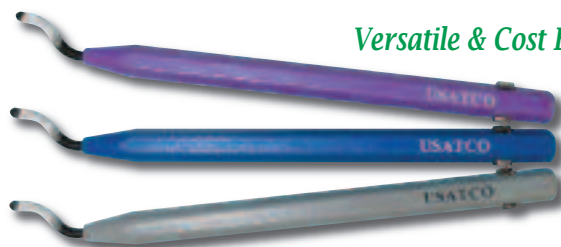
- Quick rotational chamfering of pipes, tubes etc. up to 1" OD.
- For use on steel, aluminum, copper, stainless and plastics.

Part Number	Description
90073	Tool w/1.02" Capacity Cutter

Replacement Cutter

Part Number	Capacity
29147	1.02"

Slim-Grip Disposable Burrs



Versatile & Cost Effective

- For removing burrs from steel & aluminum.
- Heavy-duty E-100 blade is non-replaceable.

Part Number	Overall Length
E01000	5-1/2" (140 mm)

'Speed Driver' Hole Deburring Tool



53-94000

- Provides rapid deburring of drilled holes with high torque.
- Shown with cutter, not included (available below).

Part Number	Description
04-94003	Speed Driver Only
53-94000	Speed Driver & 3/8" Dia. 100° Cutter



100° Cutters

Part Number	Diameter
02-94000	3/8"
02-94001	1/2"
02-94002	5/8"

SPI® Fine Deburring Set

Ideal For Delicate Parts

- Six double end tools with revolving, hardened steel deburring discs.
- Comfortable knurled handle.
- Includes plastic pouch.



82-365-8

Complete 7 PC Kit

Part Number	Wheel Size Range
82-365-8	0.060" to 0.208" dia.

Individual Tools

Part Number	Wheel Diameters
07-709-9	0.060" & 0.070"
07-710-7	0.082" & 0.092"
07-711-5	0.106" & 0.116"
07-712-3	0.134" & 0.150"
07-713-1	0.160" & 0.185"
07-714-9	0.198" & 0.208"

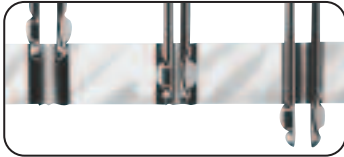
DEBURRING TOOLS

Burr-Off® Tools



- The original 'clothespin' tool, with its integral cutting edges, deburrs thousands of holes and may be reground for even longer life.

- Suited to high production, automated deburring operations.
- Open slot design allows chips to clear easily.



*Deburr Both Sides
In One Pass*

5 PC Burr-Off Set	
Part Number	Includes
53-CP	CP-6, CP-8, CP-10, CP-12 & CP-16

Part No.	Hole Sizes	Shank
CP-6	.093" to .109"	.092"
CP-7	.109" to .125"	.139"
CP-8	.125" to .140"	.124"
CP-9	.140" to .156"	.139"
CP-10	.156" to .172"	.155"

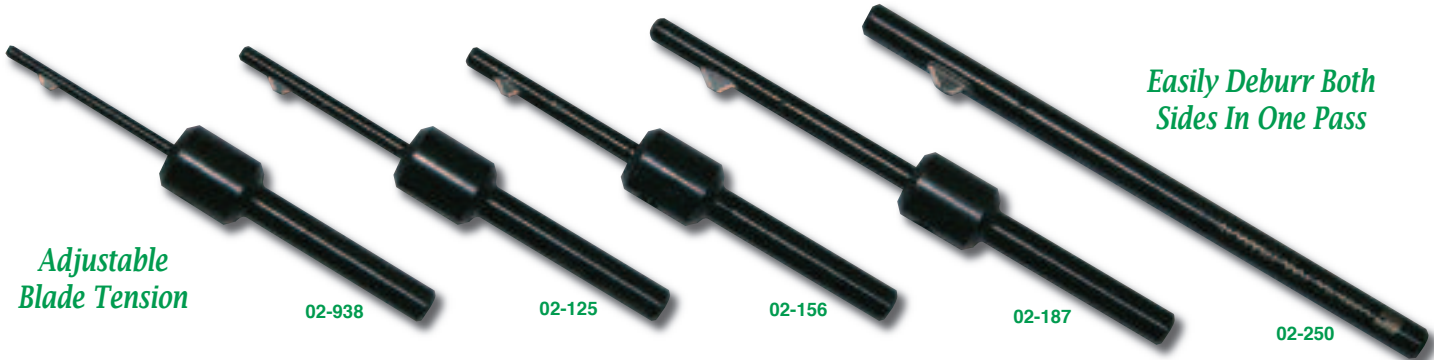
Part No.	Hole Sizes	Shank
CP-11	.172" to .187"	.171"
CP-12	.187" to .203"	.186"
CP-13	.203" to .219"	.202"
CP-14	.219" to .234"	.218"
CP-15	.234" to .250"	.233"

Part No.	Hole Sizes	Shank
CP-16	.250" to .266"	.249"
CP-17	.266" to .281"	.265"
CP-18	.281" to .297"	.280"
CP-19	.297" to .313"	.296"
CP-20	.313" to .328"	.312"

Part No.	Hole Sizes	Shank
CP-21	.328" to .343"	.327"
CP-22	.093" to .109"	.092"
CP-23	.359" to .375"	.358"

Note: 4" overall length. Larger sizes and other options available, please inquire.

Burraway Deburring Tools



*Adjustable
Blade Tension*

*Easily Deburr Both
Sides In One Pass*

- Furnished with double acting blade for burr removal on both the front & back sides of hole.
- The inexpensive, replaceable cutting blades can be adjusted to control the amount of edge break.

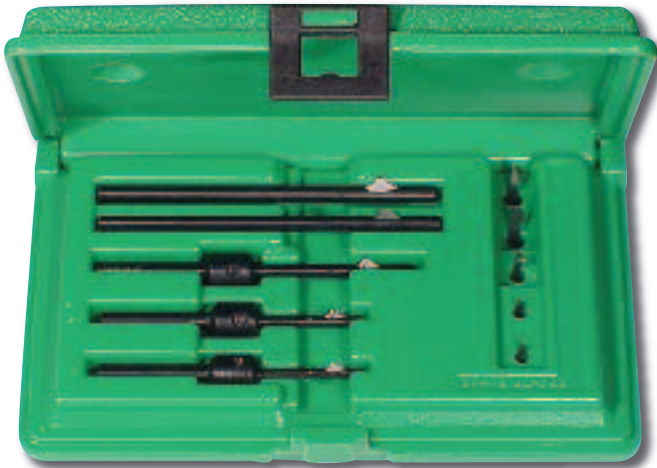
- Spring tensioned blade retracts automatically as it passes through the workpiece.
- Crowned & polished top surface of the blade will not mar interior of the hole.

Note: Many other sizes available. Carbide tipped & TiN coated replacement blades also available, please inquire.

Fractional Sizes			
Complete Tool	Extra Blade	Hole Size	Decimal Equiv.
02-938	02-938-1	3/32"	.0938"
02-109	02-109-1	7/64"	.1094"
02-125	02-125-1	1/8"	.1250"
02-156	02-156-1	5/32"	.1562"
02-187	02-187-1	3/16"	.1875"
02-218	02-218-1	7/32"	.2188"
02-250	02-250-1	1/4"	.2500"
02-281	02-281-1	9/32"	.2812"
02-312	02-312-1	5/16"	.3125"
02-343	02-343-1	11/32"	.3438"
02-375	02-375-1	3/8"	.3750"
02-406	02-406-1	13/32"	.4062"

Metric Sizes			
Complete Tool	Extra Blade	Hole Size	Decimal Equiv.
02-MA-2.0	02-MA-2.0-1	2.0 mm	.0787"
02-MA-2.5	02-MA-2.5-1	2.5 mm	.0984"
02-MA-3.0	02-MA-3.0-1	3.0 mm	.1181"
02-MA-3.5	02-MA-3.5-1	3.5 mm	.1378"
02-MA-4.0	02-MA-4.0-1	4.0 mm	.1575"
02-MA-4.5	02-MA-4.5-1	4.5 mm	.1772"
02-MA-5.0	02-MA-5.0-1	5.0 mm	.1969"
02-MB-5.5	02-MB-5.5-1	5.5 mm	.2165"
02-MB-6.0	02-MB-6.0-1	6.0 mm	.2362"
02-MB-6.5	02-MB-6.5-1	6.5 mm	.2559"
02-MB-7.0	02-MB-7.0-1	7.0 mm	.2756"
02-MB-7.5	02-MB-7.5-1	7.5 mm	.2953"

Burraway Deburring Tool Kit



Includes:

Five Burraway Tools with Blade (1/8", 5/32", 3/16", 7/32" & 1/4"), Five Replacement Blades & Fitted Plastic Case

Note: Individual Burraway tools & replacement blades available on previous page.

Part Number	Description
70398	Complete 11 PC Kit

Ground-Wire Hole Burnishing Kits

ATSK3767-10



Each Kit For One Hole Size

Specifically designed to clean ground-wire attachment holes.

Includes:

4 Extensions, 4 Burnishing Pads, Burnishing Heads: 2 Screw-in Type (pos. & neg.), 1 Collet Type (pos.) & Fitted Plastic Case

Part Number	Size
ATSK3767-10	#10
ATSK3767-20	#20

Part Number	Size
ATSK3767-30	#30
ATSK3767-40	#40

Piloted (Bonding) Wire Rivet Hole Brushes

- Designed to remove surface material and coatings for grounded contact points.
- Cleans paint, dirt, rust etc. from around rivet holes.



5 PC Brush Set (1/2" body diameter)

- Includes 5 brushes & plastic carrying case (not shown).

Brush Wire Diameter Applications	
0.005"	Fine to light surface preparation.
0.008"	Light to medium surface removal and preparation.
0.010"	Medium surface removal and preparation.
0.014"	Aggressive surface removal and preparation.

Part Number	Wire Dia.	Pilot Sizes Included
53-70303	0.005"	3/32", 1/8", 5/32", 3/16" & 1/4"

Note: Maximum safe free speed is 20,000 RPM. Larger diameter, reverse & threaded shank type brushes are also available, please inquire.

0.005" Brush Wire Diameter			
1/4" Body Dia.	3/8" Body Dia.	1/2" Body Dia.	Pilot Diameter
—	44-6232-3/32	44-6233-3/32	3/32"
44-6231-1/8	44-6232-1/8	44-6233-1/8	1/8"
44-6231-5/32	44-6232-5/32	44-6233-5/32	5/32"
44-6231-3/16	44-6232-3/16	44-6233-3/16	3/16"
—	44-6232-1/4	44-6233-1/4	1/4"

0.010" Brush Wire Diameter			
1/4" Body Dia.	3/8" Body Dia.	1/2" Body Dia.	Pilot Diameter
—	44-6272-3/32	44-6273-3/32	3/32"
44-6271-1/8	44-6272-1/8	44-6273-1/8	1/8"
44-6271-5/32	44-6272-5/32	44-6273-5/32	5/32"
44-6271-3/16	44-6272-3/16	44-6273-3/16	3/16"
—	44-6272-1/4	44-6273-1/4	1/4"

0.008" Brush Wire Diameter			
1/4" Body Dia.	3/8" Body Dia.	1/2" Body Dia.	Pilot Diameter
—	44-6262-3/32	44-6263-3/32	3/32"
44-6261-1/8	44-6262-1/8	44-6263-1/8	1/8"
44-6261-5/32	44-6262-5/32	44-6263-5/32	5/32"
44-6261-3/16	44-6262-3/16	44-6263-3/16	3/16"
—	44-6262-1/4	44-6263-1/4	1/4"

0.014" Brush Wire Diameter			
1/4" Body Dia.	3/8" Body Dia.	1/2" Body Dia.	Pilot Diameter
—	44-6292-3/32	44-6293-3/32	3/32"
44-6291-1/8	44-6292-1/8	44-6293-1/8	1/8"
44-6291-5/32	44-6292-5/32	44-6293-5/32	5/32"
44-6291-3/16	44-6292-3/16	44-6293-3/16	3/16"
—	44-6292-1/4	44-6293-1/4	1/4"