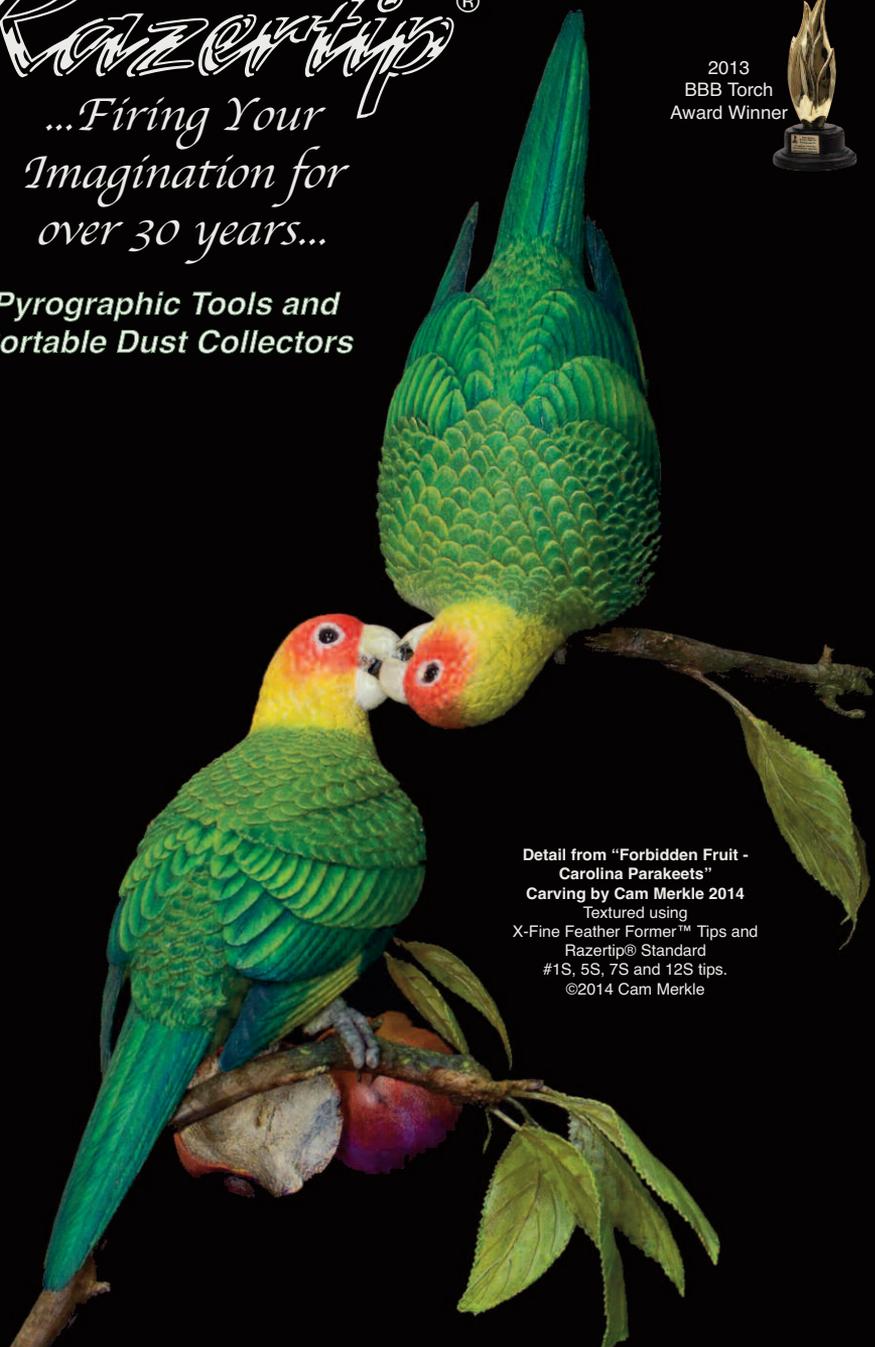


Razertip®

*...Firing Your
Imagination for
over 30 years...*

**Pyrographic Tools and
Portable Dust Collectors**

2013
BBB Torch
Award Winner



Detail from "Forbidden Fruit -
Carolina Parakeets"

Carving by Cam Merkle 2014

Textured using

X-Fine Feather Former™ Tips and

Razertip® Standard

#1S, 5S, 7S and 12S tips.

©2014 Cam Merkle

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Razertip® SS-D10



The SS-D10 is Razertip's workhorse, with many features not found on any other burner. Dual handpiece capability allows you to have 2 pens plugged in at the same time and change between them at the flick of a switch. This is particularly useful if your work calls for frequent handpiece or cord changes. It saves time and wear on the connectors. The SS-D10's extra low-end temperature adjustment allows you to turn the heat down further if the "1" setting is still too hot. If you are sculpting wax or detailing plastics, you'll love the extra range available on the low end of the SS-D10. Choice of regular or heavy-duty pen included.

SS-D10 burner w/ 1-std. pen & 1-18 gauge extra-flex cord
cat# SS-DF(pen#) Example - w/ F1L pen #SS-DF(F1L)

\$197.50
(120V w/ std. pen)

SS-D10 burner w/ 1-heavy-duty pen & 1-16 gauge HD cord
cat# SS-DHD(pen#) Example - w/ HD1L pen #SS-DHD(HD1L)

\$202.50
(120V w/ HD pen)

Razertip® SK



Don't let the SK's small size fool you. It's packed with the same power and circuitry as the SS-D10, so it's great as a starter unit or as a second burner for the serious artist. So what's the difference from the SS-D10? The SK will accept only one handpiece at a time, making it necessary to unplug and plug in handpieces when changing over, and it doesn't have the extra-low-end temperature adjustment. Other than that, it's essentially the same unit as the SS-D10. Choice of regular or heavy-duty pen included.

SK burner w/ 1-standard pen & 1-18 ga. extra-flex cord
cat# SK(pen#) Example - w/ F1L pen use #SK(F1L)

\$158.95 (120V w/ std. pen)

SK burner w/ 1-heavy-duty pen & 1-16 ga. HD cord
cat# SK(pen#) Example - w/ HD1L pen, #SK(HD1L)

\$163.95 (120V w/ HD pen)

Razertip® Pyrographic Tools

Europe



220/240V (50/60Hz) Razertip burners specially made to be used in Europe. Both SK and SS-D10* models are compliant with European safety standards (CE Mark) and European Reduction of Hazardous Substances directives (RoHS). Can be supplied with European plug, British plug, or Italian plug. Other plugs also available by request. Price includes standard pen & standard cord. Add \$5.15 for HD pen/cord.



- SK (Europe) w/ Eurocord #EUSK **\$169.50**
- SS-D10* (Europe) w/ Eurocord #EUSS-D10 **\$207.95**
- SK (Europe) w/ 3-prong British plug #GBSK **\$184.75**
- SS-D10* (Europe) w/ British plug #GBSS-D10 **\$223.50**
- SK (Europe) w/ Italian plug #ITSK **\$169.50**
- SS-D10* (Europe) w/ Italian plug #ITSS-D10 **\$207.95**



* SS-D10 burners for Europe do not have the extra-low end temp adjustment feature.

Australia/New Zealand

220/240V (50/60Hz) Razertip burners specially made to be used in Australia. Both SK and SS-D10 models are certified to Australian C-Tick standards. Supplied with Australian power plug. Price includes standard pen and standard cord.



#N11614

Add \$5.15 for HD pen/cord.



- SK (Australia) #AUSK **\$169.50**
- SS-D10 (Australia) #AUSS-D10 **\$207.95**

Razertip® pyrographic tools have been setting the standard for hot-wire pyrographic tools since the mid 1980's. They feature near instant heat response and ultra-sharp tips (120+ lines per inch). Choose among three different handpiece types: standard pens are the smallest and coolest; HD pens are cool and tough; and the BPH pen allows you to change tips or even make your own tips. With hundreds of stock tip shapes, most of which are unique to Razertip®, we can meet your pyrographic needs whatever they may be. We take your safety seriously, too. Our CSA C/US safety certification covers both Canada and the USA, making Razertip® tools the only line of hot-wire pyrographs that can legally be sold in every province and state in North America.

If you're looking for great value in a lifetime-quality tool at a competitive price, Razertip® can fit the bill, with two different power supplies. Both are made to stand up to serious professional use, yet are simple enough for a child to operate (under adult supervision). Both the SS-D10 and the SK share the following features (features marked ** are unique to Razertip®):

- ▶ 10 amp output provides the fastest tip-heat recovery in the industry**
- ▶ ideal wide-range temperature control: won't scorch wood at "1" through to "red-hot" at 10
- ▶ all models are safety certified or listed/compliant** (CSA#LR95555)
- ▶ super-flexible adapter cords (in standard or heavy-duty)** will accept most any brand of pen
- ▶ indexed handpiece indicator lights** can help confirm proper pen and cord operation
- ▶ ultra-stable control circuitry** for consistent burns even when turned on-and-off-and-on again
- ▶ removeable and reversible handpiece cords allow use of extra-flex or heavy-duty cords
- ▶ laser-welding technology**
- ▶ unconditional warranty** covers *everything* (and we mean everything!) for 3 years on the power supply and one year on all handpieces *including* fixed tips. Even if you drop your pen and break the tip - it's covered!**

Value-Priced Starter Packages

Just getting started with pyrography? Not quite sure what you need? We'll make it a bit easier for you with one of our starter packages. Packages are available for carvers, general pyrography, gourd artists and wood turners. Each package contains the most useful pens/tips/cords for your particular interest.

Package #1 - Carving

Includes:

- 1- Power supply (SK or SS-D10)
- 1- Standard Cord #CORD1FL
- 1- Heavy-Duty Cord #CORD1HD
- 1- Tip Cleaner #CLEANER
- 1- Large Skew Std. pen #F1L
- 1- Small Spear Std. pen #F5S
- 1- Small Round Skew Std. pen #F7S
- 1- HD Quill Maker pen #HD5MC



w/ SK Burner (value \$277.90)
KIT01-SK **\$265.70**

w/ SS-D10 Burner (value \$316.45)
KIT01-SSD **\$299.95**

Package #2 - Pyrography

Includes:

- 1- Power supply (SK or SS-D10)
- 1- Standard Cord #CORD1FL
- 1- Heavy-Duty Cord #CORD1HD
- 1- Tip Cleaner #CLEANER
- 1- Medium Knife Std. pen #F14M
- 1- Small Round Std. pen #F2S
- 1- 1/16" Ball Std. pen #F99.015
- 1- HD Medium Shader pen #HD30M



w/ SK Burner (value \$ 277.90)
KIT02-SK **\$265.70**

w/ SS-D10 Burner (value \$316.45)
KIT02-SSD **\$299.95**

Package #3 - Gourd Art

Includes:

- 1- Power supply (SK or SS-D10)
- 1- Standard Cord #CORD1FL
- 1- Heavy-Duty Cord #CORD1HD
- 1- Tip Cleaner #CLEANER
- 1- Small Skew Std. pen #F1S
- 1- 1/16" Ball Std. pen #F99.015
- 1- Gourd Cutter Std. pen #F9G.17
- 1- Med/Small Shader pen #HD5MSP



w/ SK Burner (value \$ 277.90)
KIT03-SK **\$265.70**

w/ SS-D10 Burner (value \$316.45)
KIT03-SSD **\$299.95**

Package #4 - Woodturning

Includes:

- 1- Power supply (SK or SS-D10)
- 1- Standard Cord #CORD1FL
- 1- Heavy-Duty Cord #CORD1HD
- 1- Tip Cleaner #CLEANER
- 2- Interchangeable-tip pens #BPH
- 1- Set of 5 ball tips #SET99X5
- 1- Pkg of assorted Tip wire #TW6.AST
- 1- HD Med Wide Spear pen #HD5MH
- 1- HD Spear Shader #HD5MP



w/ SK Burner (value \$321.85)
KIT04-SK **\$305.00**

w/ SS-D10 Burner (value \$360.30)
KIT04-SSD **\$342.50**

Razertip® Handpiece Cords

Razertip® cords incorporate many unique features that make them the most reliable cord on the market. All of our RCA connectors are precision-machined, then carefully inspected, fitted, and electrically reinforced. In other words, they're made to handle the current and tugging like no other plug. Then we install our unique flexible strain relief behind the plug. The strain relief spreads the flexing of the cord over a larger area, assuring many years of dependable service. Our super-flexible cable gives you unmatched comfort and control too.

FAQ: What's the difference between Standard and Heavy-duty cords?

A) Standard "FL" cords (black plugs) use an 18-gauge cord for maximum flexibility. Heavy-Duty "HD" cords (red plugs) use a 16-gauge cord for maximum current flow, but it's not quite as flexible. For fastest tip heat recovery the HD cord is recommended. Any of our pens work on either cord, but HD pens perform best with HD cords.



CORD1FL (39") \$17.50

#1 Cord One male connector on each end. Supplied with Razertip® burners. Available in "FL" (super-flexible) or "HD" (heavy-duty). Also allows use of Razertip® pens on most other burners (except Detail Master which uses #CORD3). 1M (39") long.

CORD1HD (39") \$18.50

A 12" version of the #1 cord is available for use as a patch cord on Colwood burners:

CORD7FL (12") \$16.50

CORD7HD (12") \$17.50



CORD2FL (39") \$17.50

#2 Cord One male, one female. Allows you to use other pens (Detailer, Nibs, Optima) on a Razertip® power supply. Can also be used as an extension cord on the #1 or #7 cords. 1M (39") long.

CORD2HD (39") \$18.50



CORD3FL (39") \$18.50

#3 Cord One male, one 1/4" phone plug. Use Razertip® pens on power supplies with a 1/4" phone jack (Detail Master, etc.). 1M (39") long.

CORD3HD (39") \$19.50



CORD4FL (39") \$17.50

#4 Cord Use Razertip® pens on power supplies with two "U" connectors (Colwood). Attaches to box with screws. 1M (39") long.

CORD4HD (39") \$18.50



CORD5FL (39") \$17.50

#5 Cord Allows you to use Razertip® pens on power supplies that have two banana connectors. Not available in HD. 1M (39") long.



CORD8HD (12") \$18.50

#8 Cord Adapter cord to use Detail Master pens on Razertip® power supplies. Available in HD only. 12" long.

Need a cord that's not listed here? No Problem! We can make cords with special ends or in special lengths.

Adapters



Adapts Optima, Colwood or Nibs pens to a Razertip® standard cord. (CORD1FL, CORD1HD, CORD7FL, CORD7HD) # AD1 \$4.75



Adapts Detail Master or similar pen to a Razertip® power supply. # AD2 \$6.25



Adapts Razertip® pens to Colwood, Nibs, Optima etc. # AD4 \$5.75

Razertip® Accessories

Tip Cleaner



Another Razertip® exclusive! This ingenious tool removes carbon buildup from most sharp Razertip® tips quickly and easily. Prolongs tip life (compared to using abrasives). One hand operation; works without turning off power. Includes a flip-away blade cover for safety.

CLEANER \$11.95

Note: We suggest that you never use abrasives to clean burner tips. Abrasives wear your tip out and will cause it to carbon up quicker than if you scraped it. We realize that some manufacturers advocate abrasives to clean tips. Either they don't know about scraping or they have other motives (i.e. selling you more tips). Scraping works best!

For tips that can't be scraped (scale tips, Feather Formers™, ball tips), use a dense brass brush.

Grips and Clips (all shown actual size)



Replacement foam grip for standard Razertip pens.
GRIP \$1.65 ea.



Handpiece clip with adhesive back
CLIP \$2.25 ea.



Extra-thick foam grip fits standard Razertip pens. Great for extra comfort, especially if you have sensitive fingers or like to burn at high heat settings. Also popular with artists who prefer the feel of a larger pen.
GR IPL \$1.65 ea.



This is the foam grip that is supplied with Razertip's ventilated HD pens. It will also fit on the earlier, non-vented HD pens (you may have to cut the original grip off first). This grip will only fit on a heavy-duty (HD) pen - the inner hole is too big for a standard pen.
GR IPHD \$1.65 ea.

Coloured ID Rings for Pens

What a great idea! Several of our customers suggested that we provide a simple way for them to quickly tell one pen from the other without having to pick it up and look carefully at the tip. These "O"-rings are the solution. Sold in a set of 24 (3 each of 8 colours), they can be rolled onto the pen body (just behind the grip is a good place) in any combination to quickly ID different pens by the ring colours. For example, I have a red ring on my #1S pen and a white ring on my #7S pen. Also helpful to distinguish your pens from others in classes or workshops. They are re-usable and will fit Standard or HD pens.

24 rings, 3 ea. black, blue, green, orange, purple, red, white, yellow. **# RINGSET24 \$3.99**
Also available individually **# RING516(colour) eg: RING516BLUE @ 20 cents each**



Razertip® General Information

Razertip Industries Inc. is open Monday through Friday 9AM-5PM. We are closed for all Canadian holidays and for the week between Christmas and New Year's Day. We are located at 301- 9th Street North - in the north end of Martensville, Saskatchewan. Just look for a big metal building *with black and red accent stripes*.

Pricing and Currency Rates

All prices shown are effective Jan 1, 2016 and are subject to applicable taxes and shipping charges. Direct orders billed to credit cards will be billed in Canadian dollars. Because of this, the actual cost to US customers will vary with currency exchange rates. US dollar prices are subject to fluctuations with currency markets. Please call if you are unsure how exchange rates work. We make every effort to maintain consistent pricing for the duration of this catalogue, however, we reserve the right to change prices and specifications without notice.

At the time of publication, all information in this catalogue was accurate to the best of our knowledge, however, errors and omissions may occur. We will not be responsible for such errors or omissions except where our guaranty and return policy would allow. Liability is limited to the actual cost of goods sold and does not cover consequential damages or suitability of goods for a specific purpose.

Razertip® and the Environment

Longevity: Razertip® products are intended to last many, many years. Although we live in a "throw-away" world where many items are not practical to repair, Razertip products are designed to be serviced instead of being discarded. No "planned obsolescence" here! People who bought Razertip tools 30 years ago are still using them today with superb results and compatibility with *all* of our current pens and accessories.

Energy efficiency: Razertip has always made the most energy efficient power supplies in the world. Capable of producing over 1400 degrees F (bright red tip) while using less than 30 watts of power, they truly are the best choice. We make every effort to use suppliers and sources as close to home as possible to reduce environmental manufacturing impact.

Razertip's Exclusive Unconditional Warranty

When we say *unconditional*, we mean it! Here's the deal - if any Razertip® or Razaire™ product fails within the warranty period for any reason whatsoever - simply return the item(s) to us and we will make it right.

This includes your satisfaction with our products. For example, if you buy a pen and later decide that the tip doesn't meet your needs, send it back and we'll re-tip it with the tip of your choice at no charge.

If you need service after the warranty has expired, be sure to contact us. Razertip products are designed to last many years and we can re-tip or otherwise repair most products in a very cost-effective manner. Please, don't throw it out without checking with us first.

(Alas, we were unable to rescue the SK shown at left after a truck drove over it. The customer got a replacement unit under warranty).



Tips

The Tips that started it all back in 1985! "Razer" sharp and super fine. Tips are sharpened and polished to a Razer-sharp edge. Many Razer-tips can burn over 120 lines per inch right out of the package! We make over 860 different tip configurations plus custom tips, most in your choice of fixed or interchangeable styles. All of our pens and fixed tips carry a full one year *unconditional* warranty. If a fixed tip fails after one year, don't throw it out! It costs only \$6.00* (except for scale tips and Feather Formers which are actual cost of tip) including shipping and taxes to have it replaced. Interchangeable tips are *unconditionally* warranted for 90 days.

Tip Replacement Service. We have the ability to re-tip *any brand or make of hot-wire tool made*, including Detail Master, Colwood, Nibs, Optima, and any others. The cost for re-tipping of Detail Master standard or vented pens is a flat fee of \$10.00*. Detail Master extra heavy-duty re-tips cost \$20.00* (we use the same tip alloy as the original tip was made from but the re-tip is laser-weld reinforced to be even stronger than the original).

Re-tipping of most other non-Razertip® pens cost \$8.00*. All re-tipping fees *include applicable tax and return shipping by standard mail*. And we stand behind the new tip with a full, *unconditional* 6 month warranty that covers everything including your satisfaction. You'll get two day in-shop turnaround and a warranty that's better than the new pen had. When returning pens for re-tipping, please return only the pen. Don't send any grips, storage tubes, or anything else. If it can be removed from the pen, remove it before mailing. Canada Post charges only \$1.25 for a package under 2cm thick, but they want a fortune (often over \$9.00) for packages over 2cm thick, so we may not return clear storage tubes or bulkier items unless you are willing to pay the additional shipping charges. Please contact us if you have any questions.

*Cost for Canada and US only. Additional shipping charges apply for international service. Call for details.

Razertip® Pen Features

Laser-welded tips

- ▶ Less stress in manufacturing means that the industry's longest lasting tips will now last even longer!
- ▶ Every tip is laser-welded into every Razertip® pen.

Front Ventilation Ports

- ▶ No hot air trapped inside.
- ▶ Less contact between tip posts and pen body for cooler operation.
- ▶ Ceramic front plug (HD pens) and polymer plug (Standard pens)

Corrugated Front Pen Body

- ▶ Beneath our comfortable foam grip lies our exclusive corrugated pen barrel, with more surface area for better cooling
- ▶ Less direct contact between the pen body and the foam grip also means cooler operation.

Comfortable Foam Grips

- ▶ Keeps your fingers comfortable while allowing for superb control.

Mid-Body Ventilation Slots

- ▶ That hot air has to go somewhere. Slots are strategically placed to not interfere with comfortable operation.

Advanced Polymer Construction

- ▶ Using the most advanced temperature resistant resins available today, this pen is built to provide years of dependable service.

Tapered Rear Pen Body

- ▶ They are all about quality and comfort. Never before has this much design and engineering gone into woodburning tools.

Rear Ventilation Slots (HD only)

- ▶ HD and BPH pens have additional ventilation at the very back of the pen for the coolest operation ever!

Pens shown actual size.

Warranty information

We're proud of each and every item we make, and we stand behind them with the best warranty in the industry: our exclusive *Unconditional* Warranty. If anything (*and we mean anything*) goes wrong, for any reason, with your Razertip® or Razaire™ product in the warranty period, we will repair or replace it at no charge.

Razertip® power supplies: 3 years

Razertip® pens, cords and accessories (including fixed tips): 1 year

Razertip® Interchangeable tips: 3 months

Razaire 530™ Dust Collector: 5 years (fan); 10 years (cabinet and electronics)

Razaire™ Accessories: 1 year

Razertip® Pens (All pens and tips shown actual size)



#BPH Binding-post Interchangeable-tip Pen is the most versatile pen available. Great for those who want to make their own tips or for those rarely-used-but-still-important tips. Every pyrographer should have at least one!

Versatile: Make your own tips from almost any heating wire! Accepts tip wire from 16-22 ga. as well as all Razertip® tips. You can even mount two tips in the head at the same time for double-line burning (HD cord recommended; higher heat setting required).

Dependable: Stainless-steel binding-post screws hold your tip wire securely against a double-slotted stainless-steel nut that is easily tightened with a small slot screwdriver. The screw can easily be removed for cleaning.

Comfortable: The binding-post screws and nuts on this pen act as an effective heatsink, slowing the transfer of heat from the tip into the pen body. Made with the same pen body as our HD pens, the BPH is cooler on your fingers than any other interchangeable-tip handpiece, and it's built to last a lifetime.

Supplied with basic "V" loop tip and 3" lengths of HD, Standard and Light Duty tip wire. # BPH \$32.50

All Razertip® pens have a well-earned reputation for:

Dependability: Both Standard and HD pens are built to last a lifetime and provide dependable service. Should you ever wear out, damage, or even stop using a particular tip shape, your tip can be factory-replaced quickly and economically (see [page 7](#)).

Comfort: These pens operate up to 5 times cooler than other pens. For high-heat users, Razertip® pen bodies will cool off much quicker than any others. You won't find a more comfortable pen anywhere!



Standard Fixed-tip Pens: Available with your choice of hundreds of different tip types, Razertip® pens have set the standard worldwide. Our Standard pens are the smallest, most comfortable pens made today. They are ideal for any application where fine detail is desirable. For pricing and availability, see [pages 10-30](#).



Heavy-Duty Fixed-tip Pens: With a larger pen body than our Standard pens, HD pens are built for maximum durability. They have heavier connector posts and heavier tips. HD pens require a higher heat setting than most Standard pens and are best used with a heavy-duty (HD) cord. While still capable of very fine detail, they are ideal for applications where the flat side of the tip is used (shading, feather shaft-making, etc.) or in schools or clubs where inexperienced users can be hard on equipment. For pricing and availability see [pages 10-30](#).

FAQ: I am currently using a different brand of woodburning tool. Can Razertip® pens be adapted to my burner?

A): Yes! We make adapter cords that let you use our pens on virtually any hot-wire burner power supply ([page 5](#)).

FAQ: Will Razertip® pens work the same on my burner as on a Razertip® burner?

A): That depends on your needs and the specific burner you are using. Razertip® pens give the fullest heat range and most stable temperatures when used on Razertip® burners. Some non-Razertip® burners may still burn too hot at their lowest setting while others may cause Razertip® pen bodies to heat up prematurely, but all hot-wire type burners will make the tip hot. Contact us for more specific information on your burner.

FAQ: Can I use my old non-Razertip® pens on a Razertip® power supply?

A): Most other pens will work fine on a Razertip® power supply. One possible exception: larger tips require a higher operating voltage to heat them fully, so some of the larger Detail Master tips may not heat fully or recover heat very quickly. As with any special application, if you are not sure, please contact us.

Razertip® Tips

Razertip® offers over 860 different tip and pen shapes and styles, plus custom tips. With so many to choose from we realize that selecting the right tip may be a bit of a challenge. We've grouped tips together according to their most common uses (see tip index on [page 31](#) to see the groupings). If you're not sure which tip or pen is best for your needs, please drop us a line or give us a call and we will help you pick just the right tool.

Heavy-Duty (HD) vs. Standard Tips

Generally speaking, standard tips and standard fixed-tip pens are your best choice for fine detail work. They recover their heat more quickly than HD pens and tips and most people find the standard pens more comfortable to hold.

Heavy-duty pens and tips are your best choice for shading and applications where more "flat" pressure will be placed on the tip or where the tip will be used for cutting. HD pens and tips also will stand up better to harder use. For this reason they tend to be more popular with schools.

Fixed-tip vs. Interchangeable

For the most part our advice is to use fixed-tip pens for those tip shapes that you will use a lot. Consider getting one or two #BPH interchangeable-tip pens for lesser-used or home-made tips. BPH pens have also proven very popular with Feather Former™ and Scale Tips.

Fixed-tip pens allow you to work with your fingers closer to your work surface, giving you better control over fine work. The laser-welded tip is usually more rigid than in a BPH pen - again - better control. Fixed-tip pens are absolutely essential when cutting any material, especially plastics or anything that melts. Melted material can get into contact areas on BPH pens and cause the tip to stop heating.

All of our pens are relatively cool to operate, but BPH pens are generally the coolest-operating pens available. If you have very sensitive fingers or if you work at high heat settings you may find the BPH pens to be your best choice. One word of advice, however - if you decide on BPH pens and are planning on changing tips, be sure to buy at least 2 pens because changing tips on a hot pen is no fun (also if you have 2 pens you won't need to change tips as often).

Sharp Tips for Fine Lines (pages 10-13)

All tips shown actual size

All "sharp" tips are supplied "Razer"-sharp and are capable of burning up to 120 lines per inch right out of the package. Different tip shapes have somewhat different applications, but all sharp tips are ideally suited for fine detail work such as feathers or hair on carved or flat surfaces. Some sharp tips are also used for cutting plastics, paper, fabric, gourds, leather and thin wood.

Skew Tips, Traditional (Series 1)

Very versatile tips. General use tip for pyrography, cutting and fine detail. #1L is often supplied with new burners. #1S-L is used for cutting gourds as well as detail work and long reach.

Large Skew # 1L



Medium Skew # 1M



Small Skew # 1S



Extra-Small Skew #1XS



Long Small Skew # 1S-L



Availability and Price Key:

- ✓T(#) = Standard tip only \$6.00
- ✓TH(#) = Heavy-duty tip only \$6.25
- ✓F(#) = Fixed-tip Standard Pen \$28.50
- ✓HD(#) = Fixed-tip Heavy-duty Pen \$32.50

Note: Certain tips and pens are priced differently from prices shown at left. The price for each of these items will be listed beside the item.

Sharp Tips for Fine Lines (continued)...

Skew Tips, Pointed (Series 13)

Medium skew with a sharper angle than a standard skew for those who prefer a more pointed tip. For general fine detailing of feathers and hair.

Medium Pointed Skew # 13M



- ✓T13M
- ✓F13M
- ✓TH13M
- ✓HD13M

All Tips Shown Actual Size.

Skew Tips, Flat-angle (Series 4)

General detail work, used in much the same way as Traditional Skew (Series 1) tips, but for those who prefer a flatter angle to the tip end. Ideal for situations where it is necessary to work at or near right angles to the work surface.

Large Flat Skew # 4L



- ✓T4L
- ✓F4L
- ✓TH4L
- ✓HD4L

Medium Flat Skew # 4M



- ✓T4M
- ✓F4M
- ✓TH4M
- ✓HD4M

Small Flat Skew # 4S



- ✓T4S
- ✓F4S
- ✓TH4S
- ✓HD4S

Skew Tips, Round-ended (Series 7)

General detail work. Great for fine detail on feathers, hair, or sculpted surfaces. Works very well on concave surfaces, like the low areas on "bumped" feathers. Popular with more advanced bird and animal carvers.

Large Round Skew # 7L



- ✓T7L
- ✓F7L
- ✓TH7L
- ✓HD7L

Medium Round Skew # 7M



- ✓T7M
- ✓F7M
- ✓TH7M
- ✓HD7M

Small Round Skew # 7S



- ✓T7S
- ✓F7S
- ✓TH7S
- ✓HD7S

Extra-Small Round Skew # 7XS



- ✓T7XS
- ✓F7XS

Round Tips (Series 2)

General fine detail work as well as detail on concave and uneven surfaces. Also popular for delicate pyrography shading.

Large Round # 2L



- ✓T2L
- ✓F2L
- ✓TH2L
- ✓HD2L

Medium Round # 2M



- ✓T2M
- ✓F2M
- ✓TH2M
- ✓HD2M

Med/Small Round # 2M-S



- ✓T2M-S
- ✓F2M-S
- ✓TH2M-S
- ✓HD2M-S

Small (or Tight) Round # 2S



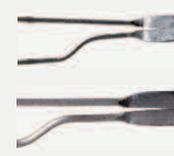
- ✓T2S
- ✓F2S
- ✓TH2S
- ✓HD2S

Modified Tight Round # 2A



- ✓T2A
- ✓F2A
- ✓TH2A
- ✓HD2A

Extended Tight Round # 2B



- ✓T2B
- ✓F2B
- ✓TH2B
- ✓HD2B

Extra-Small Round # 2XS



- ✓T2XS
- ✓F2XS

Sharp Tips for Fine Lines (continued)...

Spear Tips (Series 5)

Fine or extremely fine detail work. Excels at working in confined spaces and for delicate undercutting. Spear tips are also popular for general pyrography, wood-turning and gourd work. Large Heavy-duty Spear can be used for detail but is also very popular for cutting.

Our special extra-long spear pens and curved spear pens will only get hot at the very tip, not along their entire length. This allows you to reach into deep spaces without fear of burning your entry points.

Large Spear # 5L	Medium Spear # 5M	Small Spear # 5S
 ✓T5L ✓F5L	 ✓T5M ✓F5M	 ✓T5S ✓F5S
 ✓TH5L ✓HD5L	 ✓TH5M ✓HD5M	 ✓TH5S ✓HD5S
Extra-Small Spear #5XS		 ✓T5XS ✓F5XS
2" Special Extra-long Spear # 5X2		
		✓F5X2 \$39.50
3" Special Extra-long Spear # 5X3		
		✓F5X3 \$39.50

Remember - every Razertip® pen carries our exclusive 1 year unconditional warranty.

Spear Tips, Curved (Series 12)

A Razertip® exclusive! Curved spear tips allow you to reach into areas otherwise unreachable. The point of the tip overhangs the pen barrel, allowing the hot point to contact the surface even in very tight areas. Sliding the foam grip back on the pen will extend your reach. Unbeatable for reaching into undercuts and other hard-to-access places. Can also be used for general fine detail. The #12XS is the finest tip available, capable of extremely fine marks and dots.

Large Curved Spear # 12L	Small Curved Spear # 12S
 ✓T12L ✓F12L	 ✓T12S ✓F12S
Extra-Small Curved Spear # 12XS	
 ✓F12XS	
2" Special Extra-long Curved Spear # 12SX2	
	
✓F12SX2 \$39.50	

All Tips Shown Actual Size.

Availability and Price Key:

- ✓T(#) = Standard tip only \$6.00
- ✓TH(#) = Heavy-duty tip only \$6.25
- ✓F(#) = Fixed-tip Standard Pen \$28.50
- ✓HD(#) = Fixed-tip Heavy-duty Pen \$32.50

Note: Certain tips and pens are priced differently from prices shown at left. The price for each of these items will be listed beside the item.

Sharp Tips for Fine Lines (continued)...

Chisel Tips (Series 6)

Used for general fine detailing and repetitive lines and markings. Larger chisel tips can also be bent for repetitive curved "stamped" shapes (see page 22 for Stamping tips).

Large Chisel # 6L



✓T6L
✓F6L



✓TH6L
✓HD6L

Medium Chisel # 6M



✓T6M
✓F6M



✓TH6M
✓HD6M

Small Chisel # 6S



✓T6S
✓F6S



✓TH6S
✓HD6S

Large Wide Chisel # 2L



✓T6LW
✓F6LW

Extra-Small Chisel #6XS



✓T6XS
✓F6XS

Multi-Line Tips (Series 11)

Burn multiple lines approximately 1/32" apart. Available in 2-line and 8-line configurations. Speeds up fine detailing of hair and feathers (see Feather Formers™ on pages 28-30 for more multi-line options). HD cord is recommended for the 8-line tip.

Large Dual Line # 11-2L



✓T11-2L \$6.25
✓F11-2L \$32.50

Medium Dual Line # 11-2M



✓T11-2M \$6.25
✓F11-2M \$32.50

Small Dual Line # 11-2S



✓T11-2S \$6.25
✓F11-2S \$32.50

8-Line # 11-8



✓T11-8 \$17.00
✓F11-8 \$39.50

All Tips Shown Actual Size.

Knife Tips (Series 14)

General detail in pyrography, gourds, hair, or feathers. The rounded heel can be very helpful when working on flat surfaces and is preferred by some artists. Cheryl Dow's books recommend the #14S as one of her most useful tip shapes.

The #14D Blunt Heel knife has a sharp point and a blunt heel. Allows a gradual widening of line, depending on the angle used.

Large Knife # 14L



✓T14L
✓F14L



✓TH14L
✓HD14L

Medium Knife # 14M



✓T14M
✓F14M



✓TH14M
✓HD14M

Small/Medium Knife # 14SM



✓T14SM
✓F14SM



✓TH14SM
✓HD14SM

Small Knife # 14S



✓T14S
✓F14S



✓TH14S
✓HD14S

Extra-Small Knife # 14XS



✓T14XS
✓F14XS

Small Blunt Heel Knife # 14D



✓T14D
✓F14D



✓TH14D
✓HD14D

Sharp Tips for Wide Detail Lines (pages 14 & 15)

"Wide-line" sharp tips are used mainly for feather and hair detail. They don't burn as fine as the fine-line sharp tips, and tend to give a shallower texture. This is the style of texturing preferred by many top carvers including Larry Barth and Pat Godin.

Coarse Detail Tips (Series 17)

Used in much the same way as Series 7 Round Skew tips, but yielding a wider detail line. HD versions yield a slightly thicker line than standard versions.

Large Coarse Detail # 17L



Medium Coarse Detail # 17M



Small Coarse Detail # 17S



Wide-Groove Detail Tips (Series 71)

Even wider than Series 17 tips, these tips have a steel blade welded onto the end. They can burn a groove up to 3/32" wide. They take a bit longer to heat up but once heated, they hold their heat better than a wire tip. They are also much stronger than a plain wire tip. The 6mm tip holds heat a bit better than the 4mm but is not quite as nimble. Use an HD cord with all Series 71 tips for best results.

4mm Wide-Groove Detail # 71.04



6mm Wide-Groove Detail # 71.06



Larry Barth Detail Tips (Series 36)

Designed by multi-time World-champion Larry Barth, these tips are made to his exact specifications. Larry uses these tips for virtually every aspect of burning detail, including his feather shafts. The sharpened angle of the blade is similar to that of a tapered texturing stone, allowing for easy transitions from burned texture to stoned texture.

9mm (Large) Barth Detail # 36.09



7mm (Med.) Barth Detail # 36.07



5mm (Small) Barth Detail # 36.05



3mm (X-Sm) Barth Detail # 36.03



Michael Hosaluk Wide-Groove Medium Spear (Series 5)

Designed by renowned wood turner Michael Hosaluk. Mike uses this tip to burn defining lines on his wood turnings. Its unique design gives a heavier line and gives the tip more strength than thinner tips.

Medium Hosaluk Spear # 5MH



All Tips Shown Actual Size.

Availability and Price Key:

- ✓T(#) = Standard tip only \$6.00
- ✓TH(#) = Heavy-duty tip only \$6.25
- ✓F(#) = Fixed-tip Standard Pen \$28.50
- ✓HD(#) = Fixed-tip Heavy-duty Pen \$32.50

Note: Certain tips and pens are priced differently from prices shown at left. The price for each of these items will be listed beside the item.

Sharp Tips for Wide Detail Lines (continued)...

Multi-Use Tips (Series 18)

These Multi-Use tips, all unique to Razertip®, are probably the most versatile tips in the history of pyrography. They can all be used for fine feather and hair detail, wide-groove detailing, and carving or relieving feathers and shafts. They can also be used for scaling, shading, and calligraphy. They are the only tip that can simulate “stoning” effects as well as “rippling” on feathers. Their unique shape makes them very tough and durable. They are available in 5 sizes - from extra-small to extra-large. Medium and large are the most popular. The small version is very useful for smaller songbirds around the size of a chickadee. The extra-small version is great for miniatures and fine detail work.

Extra-Large Multi-Use # 18XL



✓T18XL
✓F18XL

Medium Multi-Use # 18M



✓T18M
✓F18M



✓TH18M
✓HD18M

Small Multi-Use # 18S



✓T18S
✓F18S

Large Multi-Use # 18L



✓T18L
✓F18L



✓TH18L
✓HD18L

Extra-Small Multi-Use # 18XS



✓T18XS
✓F18XS

Split-Making Tips

Designed for making subtle splits in feathers. They can take a bit of practice but the results can be very impressive.

Mueller Split Maker (Series 35) Designed by World Champion Keith Mueller and exclusive to Razertip®, this tip allows for subtle and varying splits to be made quickly and easily. Made like a miniature boat hull, you use the end for a finer groove and gradually lay the tip down while sliding it along the feather surface, giving a gradually widening and smoothing split, which is easily accented or enhanced when you paint.



✓F35S
\$32.50

All Tips Shown Actual Size.



Simkin Split Makers (Series 34)

Designed by World Champion Wayne Simkin and exclusive to Razertip®, these tips allow you to make gently-curved splits of almost any length. Available individually as left or right-curved tips; also available in a set of either 2 tips or 2 pens.



Left curve



Right curve



✓TH34.18LH \$8.50
✓HD34.18LH \$34.75

✓TH34.18RH \$8.50
✓HD34.18RH \$34.75

Set of 2 “Simkin” Split tips (one each Left and Right)
SET2-TH34.18 \$15.50

Set of 2 “Simkin” Split pens (one each Left and Right)
SET2-HD34.18 \$62.75

Cutting Tips

While many of our tips will cut, these tips excel at cutting. Use on fabrics, plastics, thin wood & leather, paper, stencils and gourds. For strength, reliability and longevity, we recommend using fixed-tip pens for cutting, especially when cutting materials that melt.

Large Skew # 1L



✓TH1L
✓HD1L

Our most popular cutting tip. Great for general cutting and trimming of plastics, thin wood, leather, stencils, fabric and paper.

Long Small Skew # 1S-L



✓TH1S-L
✓HD1S-L

Most often used for cutting and detailing gourds, but will also work for cutting other materials as well as for fine detail work.

Large Spear # 5L



✓TH5L
✓HD5L

Can be used for most of the same cutting and trimming applications as the Skew tip. Also particularly useful for cutting gourds.

Gourd Cutter # 9G.17



✓T9G.17
✓F9G.17

Tempered tip is great for piercing/cutting gourds. Use at fairly high heat with a "sawing" action.

Special-purpose Tips

Lamillae Making Tips (Series 3)

Specialized tip for forming the lamillae, or tooth-like serrations on duck bills. Has a triangular cross-section; the pointed end is pushed into the underside of the bill repeatedly, leaving realistic-looking lamillae. HD cord recommended.



✓TH3
✓HD3

Copper Spear Shader (Series 93)

In addition to shading and general pyrography, this tip can also be used for light soldering. HD cord recommended.



✓T93M
✓F93M

Burnishing Tips (Series 8)

Useful for burnishing bird bills and hooves on animal carvings. Can also be used as a very strong general pyrography tip. Excellent on leather. HD cord recommended.

Burnishing
Tips # 8



✓T8
✓F8



✓TH8
✓HD8

Bead-Maker Tips

Used to "push" material down, leaving a raised "bead". Popular with gourd artists and wood turners.

Bead Makers (Series 98)

Used to form round raised "beads" on any surface, but very popular on gourds and wood turnings. Each depression forms a portion of the bead radius. HD cord recommended.

3.0mm Bead Maker



✓T98.030
✓F98.030

4.7mm Bead Maker



✓T98.047
✓F98.047

6.0mm Bead Maker



✓T98.060
✓F98.060

Individual Beading Tips \$9.25 ea. Pens \$31.90 ea.
Set of 3 Beading Tips # SET3-T98 \$24.95/set
Set of 3 Beading Pens # SET3-F98 \$85.50/set

All Tips Shown Actual Size.

Availability and Price Key:

- ✓T(#) = Standard tip only \$6.00
- ✓TH(#) = Heavy-duty tip only \$6.25
- ✓F(#) = Fixed-tip Standard Pen \$28.50
- ✓HD(#) = Fixed-tip Heavy-duty Pen \$32.50

Note: Certain tips and pens are priced differently from prices shown at left. The price for each of these items will be listed beside the item.

Shaft-Making (or Quill-Making) Tips

Most commonly used for "raising" feather shafts or for layering wing and tail feathers on bird carvings. They have a square cross-sectional edge that won't "skate" when following a long line, and they leave a nice wide ramp into the raised area, reducing or eliminating the need to sand.

Spear-Shaped Shaft-Making Tips (Series 5)

Cam designed these tips back in 1991 while working on a life-size flying Magpie. He used this style of tip to raise all of the tail and flight feather shafts. Cam prefers this style of tip because it is ambidextrous, and the fine point allows him to get into corners that the Guge-style tip won't.

Medium Spear Shaft Tip # 5MC



✓TH5MC
✓HD5MC

Small Spear Shaft Tip # 5SC



✓TH5SC
✓HD5SC



Series 5

Bob Guge Style Shaft-Making Tips (Series 15.BG)

This is the style of shaft-making tip preferred by Bob Guge. We offer two sizes (large and small) in either left or right-handed versions. All are available in standard or heavy-duty pens or tips. For most users we recommend the HD pens and tips as they will withstand more sideways pressure without bending.



Series 15.BG

Large Skew Shaft Tip (Right-hand) # 15L.BG



Standard
✓T15L.BG
✓F15L.BG



Heavy-Duty
✓TH15L.BG
✓HD15L.BG

Large Skew Shaft Tip (Left-hand) # 15LH.BG



Standard
✓T15LH.BG
✓F15LH.BG



Heavy-Duty
✓TH15LH.BG
✓HD15LH.BG

Small Skew Shaft Tip (Right-hand) # 15S.BG



Standard
✓T15S.BG
✓F15S.BG



Heavy-Duty
✓TH15S.BG
✓HD15S.BG

Small Skew Shaft Tip (Left-hand) # 15SH.BG



Standard
✓T15SH.BG
✓F15SH.BG



Heavy-Duty
✓TH15SH.BG
✓HD15SH.BG

All Tips Shown Actual Size.

Shaft-Making (or Quill-Making) Tips (continued)

Traditional Skew-Shaped Shaft-Making Tips (Series 15)

The original style of shaft (or quill) making tip is still preferred by many artists. Also popular as a shading tip.

Large Skew Shaft Tip (Right-hand)# 15L



Standard
✓T15L
✓F15L



Heavy-Duty
✓TH15L
✓HD15L

Large Skew Shaft Tip (Left-hand)# 15LH



Standard
✓T15LH
✓F15LH



Heavy-Duty
✓TH15LH
✓HD15LH

Shading Tips (pages 18 & 19)

As their name suggests, these tips are used primarily for shading on all surfaces. Shaders have slightly rounded edges so they won't dig into your work surface. Generally speaking, the spear and spoon shaders are the best ones to start with. Other tip shapes would be selected based on your preference and specific needs. HD cord recommended with all shading tips.

Round Shading Tips (Series 2)

Popular for general shading applications, round shaders excel at shading where outer margins are concave (like the inside of a circle or eye). Also popular for shading using circular motions on the surface.

Large Round Shader # 2LC



✓TH2LC
✓HD2LC

Medium Round Shader # 2MC



✓TH2MC
✓HD2MC

Small Round Shader # 2SC



✓TH2SC
✓HD2SC

Spear Shading Tips (Series 5)

One of our most popular shading tip styles. Spear shaders are useful for most shading techniques from straight lines to points and inside sharp corners. As with all shaders the edge can also be used for dark, crisp lines.

Medium Spear Shader # 5MP



✓TH5MP
✓HD5MP

Medium/Small Spear Shader # 5MSP



✓TH5MSP
✓HD5MSP

Small Spear Shader # 5SP



✓TH5SP
✓HD5SP

Our most popular spear shader

Small Long Spear Shader # 5SP-L



✓TH5SP-L
✓HD5SP-L

All Tips Shown Actual Size.

Availability and Price Key:

- ✓T(#) = Standard tip only \$6.00
- ✓TH(#) = Heavy-duty tip only \$6.25
- ✓F(#) = Fixed-tip Standard Pen \$28.50
- ✓HD(#) = Fixed-tip Heavy-duty Pen \$32.50

Note: Certain tips and pens are priced differently from prices shown at left. The price for each of these items will be listed beside the item.

Shading Tips (continued)

Chisel Shading Tips (Series 6)

Useful for general shading applications. Also used for crisp, straight shaded edges as well as 90 degree corners, simulating shingles, etc.

Large Chisel Shader # 6LC



✓TH6LC
✓HD6LC

Medium Chisel Shader # 6MC



✓TH6MC
✓HD6MC

Small Chisel Shader # 6SC



✓TH6SC
✓HD6SC

45-Degree Shading Tips (Series 16)

A very useful general-purpose shader. Recommended in several popular pyrography books and articles.

Large 45-Degree Shader # 16L



✓TH16L
✓HD16L

Medium 45-Degree Shader # 16M



✓TH16M
✓HD16M

Small 45-Degree Shader # 16S



✓TH16S
✓HD16S

Spoon Shading Tips (Series 30)

One of our most popular and versatile shading tips. They can be used for a wide variety of shading applications and techniques on all surfaces (flat, concave or convex). Also popular for working with wax.

Medium Spoon Shader # 30M



✓TH30M
✓HD30M

Our most popular shader

Small Spoon Shader # 30S



✓TH30S
✓HD30S

Stainless Steel Transfer-Shader Tips (Series 73)

Steel blade is great for general shading. Also excellent for heat transfer of photocopied patterns onto almost any surface (wood, gourds, paper....). 10mm Transfer/shader with larger blade is best suited for transfer work, but can also be used to shade (takes a bit longer to heat than the 7mm tip).

7mm Transfer Shader # 73.07



✓T73.07
✓F73.07

10mm Transfer Shader # 73.10



✓T73.10
✓F73.10

All Tips Shown Actual Size.

Copper Spear Shader (Series 93)

In addition to shading and general pyrography, this tip can also be used for light soldering.



✓T93M
✓F93M

A Note about design, reliability and service:

We believe that a good tool should do exactly what it claims and do it well. As the primary designer of all Razertip® and Razaire™ tools, I design them first for myself. As a professional carver for over 30 years, I have a pretty good idea what I want in a tool. If I wouldn't buy it myself, I wouldn't expect you to. For that reason, we want to offer you exactly the type of service I expect from my favorite suppliers and tool makers. You have a full month to test drive *anything* we sell. If it's not what you expected, you can return it for exchange or for a full refund. If you have any suggestions that would improve our tools for your application, please, let us know. And don't ever throw out a broken pen or burner - they are almost always worth repairing.

We continue with our commitment to make the best pyrographic tools in the world and to provide the best customer service possible. Please do not hesitate to contact me directly if you have any questions, comments, concerns, or suggestions.

Cam Merkle, President, Razertip Industries Inc.

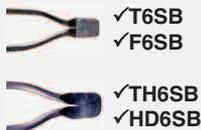
Writing & Stylus Tips (pages 20 & 21)

Razertip's selection of writing and stylus tips is second to none. With ball stylus tips from 1/64" to 7/32" as well as wire tips in several different shapes and point sizes, we're sure to have the tip you need.

Chisel Calligraphy Tips (Series 6)

Very similar to our small chisel tip, the 6SB has had the knife edge buffed so the tip will be less prone to digging into your work surface from any angle.

Small Calligraphy Chisel # 6SB



All Tips Shown Actual Size.

Brass Calligraphy Tips (Series 68)

The brass sleeve on these tips takes a bit longer to heat up but will maintain its heat more consistently than a plain wire tip. Very smooth to use and not at all prone to "digging in".

Large Brass Calligraphy # 68L



Medium Brass Calligraphy # 68M



Writing Tips (Series 9)

Our original writing tips. They heat fairly quickly and recover their heat well. Good for general writing, signing and drawing.

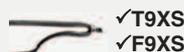
Writing Tip # 9



Small Writing Tip # 9S



Extra-Small Writing Tip # 9XS



Pointed Writing Tip # 9P



Ball Stylus Tips (Series 99; 0.4mm-2.3mm)

Chrome steel balls welded onto the end of the tip gives excellent heat retention (better as the ball is bigger). The polished ball ends are buttery-smooth to write and draw with. Line widths are consistent and repeatable in all directions. Our 1/64" ball tip is the smallest in the world.

.4mm (1/64") Ball Stylus Tip # 99.004



.8mm (1/32") Ball Stylus Tip # 99.008



1.2mm (3/64") Ball Stylus Tip # 99.012



1.5mm (1/16") Ball Stylus Tip # 99.015



2.0mm (5/64") Ball Stylus Tip # 99.020



2.3mm (3/32") Ball Stylus Tip # 99.023



Availability and Price Key:

- ✓T(#) = Standard tip only \$6.00
- ✓TH(#) = Heavy-duty tip only \$6.25
- ✓F(#) = Fixed-tip Standard Pen \$28.50
- ✓HD(#) = Fixed-tip Heavy-duty Pen \$32.50

Note: Certain tips and pens are priced differently from prices shown at left. The price for each of these items will be listed beside the item.

Writing & Stylus Tips (continued)

Ball Stylus Tips (Series 99; 3.0mm-5.5mm)

Nickel-plated brass balls with tip wire passing through the center of the ball gives very uniform heat. These tips take a while to heat up (the 5.5mm ball may take up to 90 seconds), but they hold their heat very well and are a joy to use. Great for writing thicker lines as well as shading and dimpling backgrounds.

3.0mm (1/8") Ball Stylus Tip # 99.030



3.9mm (5/32") Ball Stylus Tip # 99.039



4.7mm (3/16") Ball Stylus Tip # 99.047



5.5mm (7/32") Ball Stylus Tip # 99.055



Wax Tips

Commonly used for working with jeweller's wax. Designed to be used at low temperature settings. Standard cord is recommended. "PK" Series tips are too weak to use on materials other than wax.

Akers Point # 32M



Long Waxing Point # PK1



✓HDPK1 \$42.25

Long Waxing Point # PK2



✓HDPK2 \$42.25

Long Waxing Point # PK3



✓HDPK3 \$42.25

All Tips Shown Actual Size.

Wax Writing Tips

Used for writing and drawing with beeswax when making [Pysanky \(Ukrainian Easter eggs\)](#). Designed to be used at low temperature settings. Different tube sizes for varying line widths. Supplied with cleaning needle.

Fine Wax Writer (22 ga. tube) # 79.22



✓T79.22 \$6.25
✓F79.22 \$32.50

Small Wax Writer (20 ga. tube) # 79.20



✓T79.20 \$6.25
✓F79.20 \$32.50

Medium Wax Writer (18 ga. tube) # 79.18



✓T79.18 \$6.25
✓F79.18 \$32.50

Large Wax Writer (16 ga. tube) # 79.16



✓T79.16 \$6.25
✓F79.16 \$32.50

Stamping (Branding) Tips

Great for repetitive designs on all surfaces.

"V" Branding Tips (Series 66)

Used to "brand" or stamp 90 degree "V" shapes into all surfaces. Stamping corner-to-corner will give a square shape. Also excellent for "herringbone" patterns.

3.0mm "V" Brand # 66.030R



6.5mm "V" Brand # 66.065R



4.0mm "V" Brand # 66.040R



12mm "V" Brand # 66.120R



Circle Stamping Tips (Series 92)

Used to "brand" or stamp small circles into all surfaces. Copper tube is crimped on to the tip. Allow extra time for heating up and cooling down. HD cord recommended.

2.1mm Circle Stamping Tip # 92.21



3.0mm Circle Stamping Tip # 92.30



3.8mm Circle Stamping Tip # 92.38



Square Stamping Tips (Series 96)

Used in the same way as the circle stampers (above). HD cord recommended.

2.2mm Square Stamping Tip # 96.22



3.0mm Square Stamping Tip # 96.30



General Purpose Tips

Excellent for general, all-around use.

General Pyrography Tips (Series 10)

For writing, shading, small scale marks, burnishing, and burning 2 parallel lines approximately 1/16" apart. Very durable.

Large General Pyrography Tip # 10L



Regular General Pyrography Tip # 10R



All Tips Shown Actual Size.

Remember - every Razertip® product carries our exclusive *unconditional warranty*.

Availability and Price Key:

- ✓T(#) = Standard tip only \$6.00
- ✓TH(#) = Heavy-duty tip only \$6.25
- ✓F(#) = Fixed-tip Standard Pen \$28.50
- ✓HD(#) = Fixed-tip Heavy-duty Pen \$32.50

Note: Certain tips and pens are priced differently from prices shown at left. The price for each of these items will be listed beside the item.

Steel Blank Tips

"Do-it-yourself" tip blanks with carbon steel welded on to the end can be used "as-is", or you can custom grind and polish them to desired shape and profile. The original idea for these tips came to us from world-champion carvers Clark Schreibeis and Jeff Compton. They grind the ends of these blanks to impart very fine texture to coral, among other things. Ideal for custom stamps, brands or whatever your imagination allows. They can also be made into superb custom calligraphy tips! HD Cord recommended. "T" Tips \$6.00 ea "F" Pens \$28.50 ea.

Square Steel Skew Blanks (Series 70)

Square steel blank is welded to a skew tip on flat side of blank. HD cord recommended.



Large
1/8" x 6mm
✓T70L.06
✓F70L.06



Medium
3/32" x 6mm
✓T70M.06
✓F70M.06



Small
1/16" x 6mm
✓T70S.06
✓F70S.06

Diamond Steel Skew Blanks (Series 71)

Square steel blank is welded to a skew tip on corner of blank. HD cord recommended.



Large
1/8" x 6mm
✓T71L.06
✓F71L.06



Medium
3/32" x 6mm
✓T71M.06
✓F71M.06



Small
1/16" x 6mm
✓T71S.06
✓F71S.06

Round Steel Skew Blanks (Series 72)

Round steel blank is welded to a skew tip along length of blank. HD cord recommended.



Large
1/8" x 6mm
✓T72L.06
✓F72L.06



Medium
3/32" x 6mm
✓T72M.06
✓F72M.06



Small
1/16" x 6mm
✓T72S.06
✓F72S.06

Square Steel Chisel Blanks (Series 76)

Square steel blank is welded to a chisel tip on flat side of blank. HD cord recommended.



Large
1/8" x 6mm
✓T76L.06
✓F76L.06



Medium
3/32" x 6mm
✓T76M.06
✓F76M.06



Small
1/16" x 6mm
✓T76S.06
✓F76S.06

Diamond Steel Chisel Blanks (Series 75)

Square steel blank is welded to a chisel tip on corner of blank. HD cord recommended.



Large
1/8" x 6mm
✓T75L.06
✓F75L.06



Medium
3/32" x 6mm
✓T75M.06
✓F75M.06



Small
1/16" x 6mm
✓T75S.06
✓F75S.06

Round Steel Chisel Blanks (Series 74)

Round steel blank is welded to a chisel tip along length of blank. HD cord recommended.



Large
1/8" x 6mm
✓T74L.06
✓F74L.06



Medium
3/32" x 6mm
✓T74M.06
✓F74M.06



Small
1/16" x 6mm
✓T74S.06
✓F74S.06

Square Steel Long Blanks (Series 78)

Square steel blank is welded to a pointed tip at end of the blank. HD cord recommended.



Large
1/8" x 6mm
✓T78L.06
✓F78L.06



Medium
3/32" x 6mm
✓T78M.06
✓F78M.06



Small
1/16" x 6mm
✓T78S.06
✓F78S.06

Round Steel Long Blanks (Series 77)

Round steel blank is welded to a pointed tip at end of the blank. HD cord recommended.



Large
1/8" x 6mm
✓T77L.06
✓F77L.06



Medium
3/32" x 6mm
✓T77M.06
✓F77M.06



Small
1/16" x 6mm
✓T77S.06
✓F77S.06

Tip Wire

This is the high-quality tip wire we use to make all Razer-tips. Use with #BPH Pen.

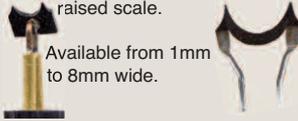
Heavy-Duty Wire (18Ga./ 0.040") 3pcs x 6" ea (18" total) # TW3.1806 \$6.25
 Standard Wire (20Ga./ 0.032") 3pcs x 6" ea (18" total) # TW3.2006 \$6.25
 Light Wire (22Ga./ 0.025") 3pcs x 6" ea (18" total) # TW3.2206 \$6.25
 6-pc. Assortment: 6" x 2ea. of 18, 20 & 22ga (36" total) # TW6.AST \$9.80/set

Scale Tips (pages 24-26)

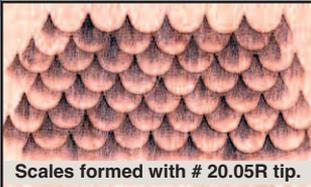
Our selection of scale tips is second to none. We make over 185 different tip shapes and styles, available in your choice of fixed or interchangeable tips. In addition to our stock scale tips listed below we can make custom scale tips for special projects like lizards, snakes or dragons. HD Cord is recommended for all scale tips.

"Full-Scale" Tips (Series 20)

With each depression, these tips will form a full raised scale. They push down the wood behind the scale, leaving a clean, uniform, raised scale.



Available from 1mm to 8mm wide.



Scales formed with # 20.05R tip.

Tip Width	Price	Reg. Curve #	Deep Curve #	Flat Curve #
1mm	Tip \$9.25	T20.01R	T20.01D	T20.01F
	Pen \$31.90	F20.01R	F20.01D	F20.01F
2mm	Tip \$9.25	T20.02R	T20.02D	T20.02F
	Pen \$31.90	F20.02R	F20.02D	F20.02F
3mm	Tip \$9.25	T20.03R	T20.03D	T20.03F
	Pen \$31.90	F20.03R	F20.03D	F20.03F
4mm	Tip \$9.25	T20.04R	T20.04D	T20.04F
	Pen \$31.90	F20.04R	F20.04D	F20.04F
5mm	Tip \$9.25	T20.05R	T20.05D	T20.05F
	Pen \$31.90	F20.05R	F20.05D	F20.05F
6mm	Tip \$9.25	T20.06R	T20.06D	T20.06F
	Pen \$31.90	F20.06R	F20.06D	F20.06F
7mm	Tip \$10.80	T20.07R	T20.07D	T20.07F
	Pen \$33.50	F20.07R	F20.07D	F20.07F
8mm	Tip \$10.80	T20.08R	T20.08D	T20.08F
	Pen \$33.50	F20.08R	F20.08D	F20.08F

Series 20 tips in sizes up to and including 6mm Regular curve, 5mm Deep curve and 8mm Flat curve have a steel blade welded onto the tip as shown above. Larger tips are formed completely from tip wire and are not as strong as the smaller steel-blade tips. HD cord recommended.

All Tips Shown Actual Size.

"Half-Scale" Tips (Series 21)

With each depression, the half-scale tip forms two halves of a raised scale. This design allows for some variation in scale size as shown below.

Available from 2mm to 10mm wide.



Scales formed with # 21.09R tip.

Tip Width	Price	Reg. Curve #	Deep Curve #	Flat Curve #
2mm	Tip \$9.25	T21.02R	T21.02D	T21.02F
	Pen \$31.90	F21.02R	F21.02D	F21.02F
3mm	Tip \$9.25	T21.03R	T21.03D	T21.03F
	Pen \$31.90	F21.03R	F21.03D	F21.03F
4mm	Tip \$9.25	T21.04R	T21.04D	T21.04F
	Pen \$31.90	F21.04R	F21.04D	F21.04F
5mm	Tip \$9.25	T21.05R	T21.05D	T21.05F
	Pen \$31.90	F21.05R	F21.05D	F21.05F
6mm	Tip \$9.25	T21.06R	T21.06D	T21.06F
	Pen \$31.90	F21.06R	F21.06D	F21.06F
7mm	Tip \$10.80	T21.07R	T21.07D	T21.07F
	Pen \$33.50	F21.07R	F21.07D	F21.07F
8mm	Tip \$10.80	T21.08R	T21.08D	T21.08F
	Pen \$33.50	F21.08R	F21.08D	F21.08F
9mm	Tip \$10.80	T21.09R	T21.09D	T21.09F
	Pen \$33.50	F21.09R	F21.09D	F21.09F
10mm	Tip \$10.80	T21.10R	T21.10D	T21.10F
	Pen \$33.50	F21.10R	F21.10D	F21.10F

Series 21 tips in sizes up to and including 8mm Regular curve, 6mm Deep curve and 8mm Flat curve have a steel blade welded onto the tip. Larger tips are formed completely from tip wire as shown above left. They are not as strong as the smaller steel-blade tips. All scales formed in the illustration to the left were made with a 9mm Regular curve tip. Scale sizes and curves were deliberately varied to illustrate the range of shapes possible from a single tip. Uniform scales are easily achieved too. HD cord recommended.

Regular

Flat

Deep

Tip Curves



Scale curves and shapes vary from one species to another. Razertip scale tips are available with your choice of regular, deep or flat curves to work for most species. Be sure to check your reference before ordering so you get just the right look to your scales.

Scale Tips (continued)

“Lateral Line” Tips (Series 25)

Used much like the half-scale tips, these tips have a “tunnel” that leaves a raised rib in the center. Scales are burned in rows, leaving a raised lateral line.
Available from 2mm to 10mm wide.

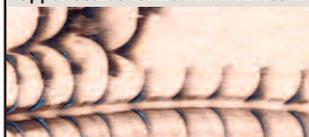


Price and Availability:

Same as “Half-Scale” Series 21 tips (refer to the price chart on [page 24](#)). To order, substitute #25 in place of the original #21 shown in the chart. *Example:* 3mm Regular curve pen #F25.03R, \$31.90



Upper scales formed with #21.09R.



Lateral line formed with #25.09R.



“Realistic Full-Scale” Tips (Series 22)

Forms the most accurate scales possible, mimicking the real thing. Requires a bit more concentration; recommended for more advanced users. Custom species-specific tips can also be made (call for details).



Available from 0.5mm to 10mm wide.

Scales formed with # 22.05R tip.



Tip Width	Price	Reg. Curve #	Deep Curve #	Flat Curve #
0.5mm	Tip \$11.30	T22.005R	T22.005D	T22.005F
	Pen \$33.95	F22.005R	F22.005D	F22.005F
1mm	Tip \$11.30	T22.01R	T22.01D	T22.01F
	Pen \$33.95	F22.01R	F22.01D	F22.01F
2mm	Tip \$11.30	T22.02R	T22.02D	T22.02F
	Pen \$33.95	F22.02R	F22.02D	F22.02F
3mm	Tip \$11.30	T22.03R	T22.03D	T22.03F
	Pen \$33.95	F22.03R	F22.03D	F22.03F
4mm	Tip \$11.30	T22.04R	T22.04D	T22.04F
	Pen \$33.95	F22.04R	F22.04D	F22.04F
5mm	Tip \$11.30	T22.05R	T22.05D	T22.05F
	Pen \$33.95	F22.05R	F22.05D	F22.05F
6mm	Tip \$11.30	T22.06R	T22.06D	T22.06F
	Pen \$33.95	F22.06R	F22.06D	F22.06F
7mm	Tip \$13.35	T22.07R	T22.07D	T22.07F
	Pen \$36.00	F22.07R	F22.07D	F22.07F
8mm	Tip \$13.35	T22.08R	T22.08D	T22.08F
	Pen \$36.00	F22.08R	F22.08D	F22.08F
9mm	Tip \$13.35	T22.09R	T22.09D	T22.09F
	Pen \$36.00	F22.09R	F22.09D	F22.09F
10mm	Tip \$13.35	T22.10R	T22.10D	T22.10F
	Pen \$36.00	F22.10R	F22.10D	F22.10F

Realistic Full-Scale Tips all have a steel blade welded onto the tip. Larger sizes will require a higher heat setting and longer heat-up and cool-down time. HD cord recommended.

“Clark Schreibeis” Scaler (Series 23)

Designed by world-champion fish carver Clark Schreibeis and built exclusively by Razertip®! This tip is more of a “freehand” scale maker, allowing you to form raised scales of any size or shape. It takes a bit of practice to get the hang of this tip, but it is the most versatile freeform scaler you can get.



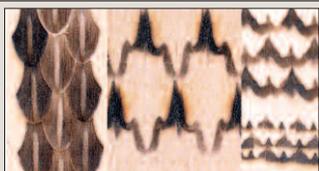
Scales formed with # 23S tip.



✓TH23S \$6.25
✓HD23S \$32.50

All Tips Shown Actual Size.

Special shapes, sizes and styles. Over the years we have made special scale tips for reptiles, snakes and fantasy creatures like dragons. Supply us with a drawing of the scale you want and we'll make just the right tip for you - at the same price as a similar “in-stock” tip. Most custom tips can be supplied as either fixed-tips or interchangeable tips.



Scale Tips (continued)

“Sharp Outline” Tips (Series 26)

With each depression, the #26 tip forms a sharp “smile”. The fine line left in the surface makes quick, simple, effective and uniform scale outlines.



Available from 2mm to 14mm wide.



All scales formed with # 26.07R tip.

Tip Width	Price	Reg. Curve #	Deep Curve #	Flat Curve #
2mm	Tip \$8.25	T26.02R	T26.02D	T26.02F
	Pen \$30.90	F26.02R	F26.02D	F26.02F
3mm	Tip \$8.25	T26.03R	T26.03D	T26.03F
	Pen \$30.90	F26.03R	F26.03D	F26.03F
4mm	Tip \$8.25	T26.04R	T26.04D	T26.04F
	Pen \$30.90	F26.04R	F26.04D	F26.04F
5mm	Tip \$8.25	T26.05R	T26.05D	T26.05F
	Pen \$30.90	F26.05R	F26.05D	F26.05F
6mm	Tip \$8.25	T26.06R	T26.06D	T26.06F
	Pen \$30.90	F26.06R	F26.06D	F26.06F
7mm	Tip \$8.25	T26.07R	T26.07D	T26.07F
	Pen \$30.90	F26.07R	F26.07D	F26.07F
8mm	Tip \$8.25	T26.08R	T26.08D	T26.08F
	Pen \$30.90	F26.08R	F26.08D	F26.08F
9mm	Tip \$9.75	T26.09R	T26.09D	T26.09F
	Pen \$32.50	F26.09R	F26.09D	F26.09F
10mm	Tip \$9.75	T26.10R	T26.10D	T26.10F
	Pen \$32.50	F26.10R	F26.10D	F26.10F
11mm	Tip \$9.75	T26.11R	T26.11D	T26.11F
	Pen \$32.50	F26.11R	F26.11D	F26.11F
12mm	Tip \$9.75	T26.12R	T26.12D	T26.12F
	Pen \$32.50	F26.12R	F26.12D	F26.12F
13mm	Tip \$9.75	T26.13R	T26.13D	T26.13F
	Pen \$32.50	F26.13R	F26.13D	F26.13F
14mm	Tip \$9.75	T26.14R	T26.14D	T26.14F
	Pen \$32.50	F26.14R	F26.14D	F26.14F

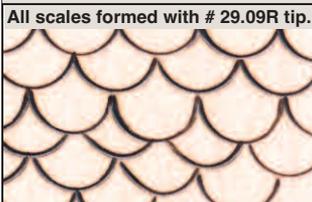
Series 26 tips are all formed from tip wire as shown above (left). They can be used to indicate scales as shown above (left). Leaving a bit of space between each scale when making the first row gives a more realistic scale pattern as shown on the lower half of the illustration above (the same technique works with Series 29 tips, too).

“Blunt Outline” Tips (Series 29)

With each depression, the #29 tip forms a blunt “smile”. Versatile, allows for slight variations in scale size. Our most durable and versatile scale tip.



Available from 2mm to 14mm wide.



All scales formed with # 29.09R tip.

Tip Width	Price	Reg. Curve #	Deep Curve #	Flat Curve #
2mm	Tip \$6.25	T29.02R	T29.02D	T29.02F
	Pen \$28.80	F29.02R	F29.02D	F29.02F
3mm	Tip \$6.25	T29.03R	T29.03D	T29.03F
	Pen \$28.80	F29.03R	F29.03D	F29.03F
4mm	Tip \$6.25	T29.04R	T29.04D	T29.04F
	Pen \$28.80	F29.04R	F29.04D	F29.04F
5mm	Tip \$6.25	T29.05R	T29.05D	T29.05F
	Pen \$28.80	F29.05R	F29.05D	F29.05F
6mm	Tip \$6.25	T29.06R	T29.06D	T29.06F
	Pen \$28.80	F29.06R	F29.06D	F29.06F
7mm	Tip \$6.25	T29.07R	T29.07D	T29.07F
	Pen \$28.80	F29.07R	F29.07D	F29.07F
8mm	Tip \$6.25	T29.08R	T29.08D	T29.08F
	Pen \$28.80	F29.08R	F29.08D	F29.08F
9mm	Tip \$6.25	T29.09R	T29.09D	T29.09F
	Pen \$28.80	F29.09R	F29.09D	F29.09F
10mm	Tip \$6.25	T29.10R	T29.10D	T29.10F
	Pen \$28.80	F29.10R	F29.10D	F29.10F
11mm	Tip \$6.25	T29.11R	T29.11D	T29.11F
	Pen \$28.80	F29.11R	F29.11D	F29.11F
12mm	Tip \$6.25	T29.12R	T29.12D	T29.12F
	Pen \$28.80	F29.12R	F29.12D	F29.12F
13mm	Tip \$6.25	T29.13R	T29.13D	T29.13F
	Pen \$28.80	F29.13R	F29.13D	F29.13F
14mm	Tip \$6.25	T29.14R	T29.14D	T29.14F
	Pen \$28.80	F29.14R	F29.14D	F29.14F

Series 29 tips are all formed from tip wire as shown above (left). They leave a heavier groove than Series 26 tips, but they have the ability to vary the depth, curve and width of the scale shape. The top two rows (scales, above left) show uniform scale shape/size while the rows below show how variable the shape/size can be if desired.

All Tips Shown Actual Size.

Tip sets are a convenient and economical way to try a variety of tip shapes. We have designed these sets for specific users (pyrographers, bird carvers, gourd artists, etc.), so selecting just the right tip assortment could not be easier! All tips will fit in our #BPH interchangeable-tip pen. We highly recommend that you get at least 2 BPH pens; this will make changing tips much easier because you'll never have to change tips in a hot pen.

Bird Carver's Micro 5-Tip Set

Contains 5 of our smallest fine detail tips (Skew #1S, Round #2S, Spear #5S, Chisel #6S and Round Skew #7S).



Standard Tips (\$30.00 value)
✓ **SET5BC \$21.60**



Heavy-Duty Tips (\$32.50 value)
✓ **SETHD5BC \$23.60**

Bird Carver's 8-Tip Set

Contains 8 of our most popular bird-carver's tips (Small Skew #1S, Medium Round #2M, Flat Skew #4M, Medium Spear #5M, Medium Chisel #6M, Large Round Skew #7L, Burnisher #8 and Writer #9).



Standard Tips (\$48.00 value)
✓ **SET8 \$32.10**



Heavy-Duty Tips (\$52.00 value)
✓ **SETHD8 \$35.40**

Pyrography 5 Tip Set

Contains Shader #TH30M, Writer #T9, Small Round #T2S, Small Spear #T5S and Transfer/ Shader #T73.07.



(\$30.25 value)
✓ **SET5PY \$21.60**

Gourd Artist 5 Tip Set

Contains Long Small Skew Cutter #TH1S-L, Gourd Cutter #T9G.17, Small HD Skew #TH1S, Small/Med Spear Shader #TH5MSP and 1/16" Ball Writer #T99.015.



(\$30.50 value)
✓ **SET5GD \$21.60**

Ball Tip Sets

Two "ball" tip sets: The small set of 5 includes 0.8mm(1/32"); 1.2mm(3/64"); 1.5mm(1/16"); 2.0mm(5/64"); and 2.3mm(3/32") tips. The larger set includes all 10 tips: the 5 above plus 0.4mm(1/64"); 3.0mm(1/8"); 3.9mm(5/32"); 4.7mm(3/16"); and 5.5mm(7/32") tips.



(\$30.00 value)
✓ **SET99X5 \$21.60**

All Tips Shown Actual Size.



(\$64.00 value)
✓ **SET99X10 \$58.00**

Other Sets Available:

Feather Former™ Sets ([pages 28-30](#))

Bead-Maker Tip Set ([page 16](#))

"Simkin" Split-Maker Sets ([page 115](#))

Razertip's Exclusive Unconditional Warranty:

Covers everything (and we mean everything). One year on fixed-tip pens and 90 days on interchangeable tips. Re-tipping is always available - no charge during warranty period; \$6.00 for standard or HD tips or \$9.50 for any Feather Former™ tip replacement (post-paid) after warranty has expired. Complete details on [page 7](#) or at www.razertip.com (click on the "warranty" link).

Feather Formers™

All Tips Shown
Actual Size

Imagine texturing a bird carving in minutes instead of hours! Razertip's revolutionary Feather Formers™ let you define a feather and burn the barb texture in seconds. They're easy to learn and easy to use. There are 63 different Feather Formers™ available from 40 lines per inch to 250 lines per inch. Not only are Feather Formers™ faster to burn with, but painting a "Feather-Formed" surface is easier because the texture isn't too deep. You can easily paint accent marks at angles to the main texture, creating a very soft, natural look. Once your bird has been textured with Feather Formers™ you can come back with your regular pens to create stray barbs or splits as desired, or you can continue on with stoning techniques. The possibilities are endless! See the Feather Former™ tips at work with video clips at www.razertip.com

Feather Former™ tips are made from wrapped wire that burns multiple lines on contact. Feather and hair textures of almost any type can be achieved by using the bent portions (corners) of the various tip shapes (skew, spear, chisel and round). Sets of 4 tips are available in each different coarseness. Tip sets are a great way to get started with Feather Formers™ as they will allow you to achieve whatever texture you want. If using interchangeable tips we recommend that you have at least 2 of our #BPH pens on hand. This allows you to spend less time changing tips and also should prevent the need to change tips in a hot pen.

Ridiculously Fine (RF)

What else could we call them? They burn 250 lines per inch, much finer than anyone can burn with a single-point tip. Great for very small miniature carvings. Use with standard or HD cord.

Round Series 52(RF)

4mm
 **TH52.04RF**
HD52.04RF

Spear Series 55(RF)

4mm
 **TH55.04RF**
HD55.04RF

Chisel Series 56(RF)

4mm
 **TH56.04RF**
HD56.04RF

Skew Series 57(RF)

4mm
 **TH57.04RF**
HD57.04RF

Tip Set (One each of tips shown above) # **SET4-FFRF \$33.50**
 Pen Set (One each of tips shown above, welded into HD pens) # **SET4HD-FFRF \$128.75**

Also Available:

2mm Round
 **TH52.02RF**
HD52.02RF

3mm Round
 **TH52.03RF**
HD52.03RF

Burned with #52.04RF Round Tip

 Magnified 2X

Individual Tips \$9.50 ea. Pens \$35.75 ea.

All Tips Shown Actual Size

Extra-Fine (XF)

Burn 120 lines per inch, still finer than most people can burn with a single-point tip. Ideal for miniatures. Use with HD cord for best results.

Round Series 52(XF)

4mm
 **TH52.04XF**
HD52.04XF

Spear Series 55(XF)

4mm
 **TH55.04XF**
HD55.04XF

Chisel Series 56(XF)

4mm
 **TH56.04XF**
HD56.04XF

Skew Series 57(XF)

4mm
 **TH57.04XF**
HD57.04XF

Tip Set (One each of tips shown above) # **SET4-FFXF \$33.50**
 Pen Set (One each of tips shown above, welded into HD pens) # **SET4HD-FFXF \$128.75**

Also Available:

2mm Round
 **TH52.02XF**
HD52.02XF

5mm Round
 **TH52.05XF**
HD52.05XF

10mm Spear
 **TH55.10XF**
HD55.10XF

Burned with #52.04XF Round Tip

3mm Round
 **TH52.03XF**
HD52.03XF

6mm Round
 **TH52.06XF**
HD52.06XF

Magnified texture

 Magnified 2X

Individual Tips \$9.50 ea. Pens \$35.75 ea.

All Tips Shown Actual Size

FAQ: How do I clean Feather Former™ tips?

Use a dense brass brush (page 30). Simply brush the tip clean - the tip can be hot or cold when being cleaned in this way.

**Fine
(F)**

Burn 85 lines per inch. Fine tips are great for miniatures and very small birds such as Hummingbirds Siskins, etc. Use with HD cord for best results.

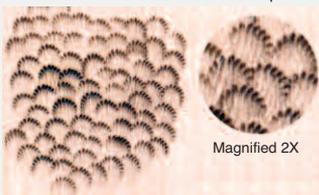
Round Series 52(F)	Spear Series 55(F)	Chisel Series 56(F)	Skew Series 57(F)
 5mm TH52.05F HD52.05F	 4mm TH55.04F HD55.04F	 6mm TH56.06F HD56.06F	 4mm TH57.04F HD57.04F
Tip Set (One each of tips shown above) # SET4-FFF \$33.50			
Pen Set (One each of tips shown above, welded into HD pens) # SET4HD-FFF \$128.75			
Also Available:			
 4mm Round TH52.04F HD52.04F	 10mm Spear TH55.10F HD55.10F	 4mm Chisel TH56.04F HD56.04F	 7mm Skew TH57.07F HD57.07F
 6mm Round TH52.06F HD52.06F		 10mm Chisel TH56.10F HD56.10F	
 7mm Round TH52.07F HD52.07F	 Burned with #57.04F Skew Tip		 Burned with #52.05F Round Tip Magnified 2X
 8mm Round TH52.08F HD52.08F			

Individual Tips \$9.50 ea. Pens \$35.75 ea.

All Tips Shown Actual Size

**Medium
(M)**

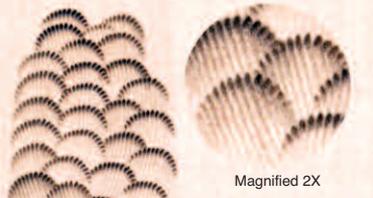
Burn 70 lines per inch. This is close to the lines per inch experienced carvers burn with a single-point tip. Medium tips can be used even on small birds and are ideal for many birds from sparrow size up. Can even be used on ducks if you want a fine detail finish on your duck. Use with HD cord for best results.

Round Series 52(M)	Spear Series 55(M)	Chisel Series 56(M)	Skew Series 57(M)
 7mm TH52.07M HD52.07M	 10mm TH55.10M HD55.10M	 6mm TH56.06M HD56.06M	 6mm TH57.06M HD57.06M
Tip Set (One each of tips shown above) # SET4-FFM \$33.50			
Pen Set (One each of tips shown above, welded into HD pens) # SET4HD-FFM \$128.75			
Also Available:			
 4mm Round TH52.04M HD52.04M	 4mm Spear TH55.04M HD55.04M	 10mm Chisel TH56.10M HD56.10M	
 5mm Round TH52.05M HD52.05M	 Burned with #55.10M Spear Tip		 Burned with #52.04M Round Tip Magnified 2X
 6mm Round TH52.06M HD52.06M			
 8mm Round TH52.08M HD52.08M			
 10mm Round TH52.10M HD52.10M	 Burned with #57 Skew Tips		
 12mm Round TH52.12M HD52.12M			

Individual Tips \$9.50 ea. Pens \$35.75 ea.

Coarse (C)

Burn 50 lines per inch. Coarse tips are very well-suited for larger birds (crow size) as well as most ducks. They take a bit longer than other Feather Formers™ to heat and to recover their heat. Should only be used with HD cord.

Round Series 52(C)	Spear Series 55(C)	Chisel Series 56(C)	Skew Series 57(C)
 10mm TH52.10C HD52.10C	 10mm TH55.10C HD55.10C	 6mm TH56.06C HD56.06C	 6mm TH57.06C HD57.06C
Tip Set (One each of tips shown above) # SET4-FFC \$33.50			
Pen Set (One each of tips shown above, welded into HD pens) # SET4HD-FFC \$128.75			
Also Available:			
 5mm Round TH52.05C HD52.05C	 4mm Spear TH55.04C HD55.04C	 10mm Chisel TH56.10C HD56.10C	 10mm Skew TH57.10C HD57.10C
 6mm Round TH52.06C HD52.06C	Burned with #52.08C Round Tip		Burned with #56.06C Chisel Tip
 7mm Round TH52.07C HD52.07C		Magnified 2X	
 8mm Round TH52.08C HD52.08C	Burned with #57 Skew Tip		
 12mm Round TH52.12C HD52.12C			
 14mm Round TH52.14C HD52.14C			

Individual Tips \$9.50 ea. Pens \$35.75 ea.

All Tips Shown Actual Size

Extra-Coarse (XC)

Burn 40 lines per inch. Extra-Coarse tips are best suited for very large birds and birds with very coarse plumage (like herons, cranes etc.). Because of the large tip size they take longer to heat and to recover than other tips. HD cord is essential.

Round Series 52(XC)	Spear Series 55(XC)	Chisel Series 56(XC)	Skew Series 57(XC)
 12mm TH52.12XC HD52.12XC	 10mm TH55.10XC HD55.10XC	 10mm TH56.10XC HD56.10XC	 10mm TH57.10XC HD57.10XC
Tip Set (One each of tips shown above) # SET4-FFXC \$33.50			
Pen Set (One each of tips shown above, welded into HD pens) # SET4HD-FFXC \$128.75			
Also Available:			
 7mm Round TH52.07XC HD52.07XC	 10mm Round TH52.10XC HD52.10XC	 6mm Chisel TH56.06XC HD56.06XC	
 8mm Round TH52.08XC HD52.08XC	Burned with #52.10XC Round Tip		
 9mm Round TH52.09XC HD52.09XC	 14mm Round TH52.14XC HD52.14XC	Magnified 2X	
 16mm Round TH52.16XC HD52.16XC			

Individual Tips \$9.50 ea. Pens \$35.75 ea.

Customize your Razaire™ 530 to meet your needs! All accessories attach in seconds without any tools. It's easy to change from a table-top unit to a lap-top collector or even a 4" vacuum.



4" Inlet hose adapter Connect your Razaire™ 530 to many of your shop tools, to a lap-top carving tray, or even a cyclone lid. You can even use your Razaire™ 530 as a variable-suction vacuum cleaner using 4" vent hose from your local hardware store.

ZA400 \$39.95



Motor Tool Hanger Hang your flex-shaft tool on the Razaire™ 530. Can be mounted on either side (unless the Exhaust Air Deflector is in place).

ZA325 \$17.50



Lap-top tray This very comfortable tray lets you carve right in your lap (requires use of the 4" hose adapter and a length of 4" hose). But it's much more than just a lap tray. Stand it on edge and it excels at picking up dust from small stationary belt sanders and small grinders. The upper edges are not only comfortable to rest your arms on, they can also be used to fashion the lap tray into a drawer that conveniently stores away under your desk or bench. Approximately 13"x17"x2" deep. # ZA440 \$32.00



Exhaust Air Deflector Exhaust air normally discharges from the side of the Razaire™ 530. This adapter slips down over the exhaust, re-directing the air towards the back of the unit. Useful in classes, but it's also great to re-direct air in many other situations such as when using your Razaire™ 530 beside a tabletop sander or scrollsaw. It's also recommended that you use this deflector when using a Razaire™ 530 without the front hood. # ZA375 \$14.50

Extra 2" Filter Frame Snaps on to the front of your Razaire™ 530, allowing you to add as many filter stages as you want (one frame required per stage). Also a great way to make your own custom hoods for the Razaire™ 530 - attach a frame and build your custom hood onto it for a quick-release attachment. # ZH1002 \$13.95

8" Front Hood (replacement) # ZA550-8 \$29.95

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Razaire™ unconditional Warranty:
Cabinet and Electronics 10 yrs.
Fan 5 years

The Razaire™ 530 has been setting the standard for portable dust collectors since it was introduced in 1997. It is still the smallest, quietest, most powerful and versatile portable dust collector in the world. Because it's a modular system, it can handle the dust control needs of any small home workshop - from collecting dust at the source (rotary carving tools, belt sanders, etc.) to overall shop air filtration. How does it work? Dusty air enters the front of the unit, drawn in by a powerful impeller fan. Dust is trapped by a filter that removes over 90% of 3-4 micron sized particles (about the size of baby powder). Clean air is then exhausted out the side. Normally it is not necessary to carve inside the acrylic hood - working 6" in front of it usually provides satisfactory results. With enough suction to pick up shavings from a planer (with a 4" hose attached), the Razaire™ 530 can handle it all. The 2" filter is easily removed for

cleaning (filter is cleaned by tapping it into a plastic bag or a garbage can). Many cleanings are possible before replacement is necessary. The flameproof ABS cabinet has a built-in lamp holder to accept a standard swing-arm lamp (not included), providing excellent light where you need it - right at the intake. Includes an 8" acrylic hood that breaks down into 3 flat panels for portability. Several accessories are available for increased versatility - everything from higher efficiency filters or extra filter stages to a 4" hose adapter, a lap-top tray, a motor tool hanger, or a deflector to direct exhaust air towards the back. Our exclusive *unconditional* warranty covers the fan for 5 years and the cabinet and electronics for 10 full years! More technical information and instruction manual available at www.razertip.com. Razaire™ 530 w/ 2" filter frame, standard filter, 8" hood. # Z530 \$399.00

A bit about CFM's: CFM (cubic feet per minute) is the way airflow is measured. The Razaire™ 530 fan is rated at 530 CFM, but you probably won't want to run it that high most of the time. The fan will develop up to 4 times as much vacuum (pull) as other portable dust collectors, so at high settings it can pull very fine dust particles right through the filter. To avoid this, turn the fan down or, if you need the extra suction, add a second filter stage.

Filters for Razaire™ 530

About Razaire™ filters 4 different filters are available. They work fine as single stage filters but are even better in pairs (stacked), increasing both the performance and life of the filter, with no discernable drop in suction. All filters are approximately 9.75"x10.5"x2".

Standard 30% efficient (green) filter. Best for general wood dust applications or as the first (front) stage when using higher efficiency filters. Easiest to clean and longest lasting. Superb in pairs! # ZF20 \$17.50

Medium 60% efficient filter*. Good as a second stage, especially when collecting antler or bone particles. Easily cleanable and fairly long lasting. # ZF26 \$21.25 *Colour may be either orange or white.

High 80% efficient (pink) filter. Our most efficient filter; best for hard to capture particles like soapstone and eggshell. Also good for maximum efficiency when a single stage is desirable. Because of the fine weave of this filter, it is not as easily cleaned as the others and will require more frequent replacement. For best results we recommend using it as a second stage with a standard filter in front. # ZF28 \$30.50

Activated Charcoal 30% Efficient (gray) filter. Can *reduce* many odours like burning wood, antler and eggshell. Recommended as a second stage as it will require frequent replacement if used alone. Note: This filter does not *eliminate* odours and it works best at low fan speed settings. # ZF24 \$23.50

Extra 2" Filter Frame. Snaps on to the front of your Razaire™ 530, allowing you to add as many filter stages as you want (one frame required per stage). Also a great way to make your own custom hoods for the Razaire™ 530 - attach a frame and build your custom hood on to it for a quick-release attachment. # ZH1002 \$13.95