

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.

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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.

Add \$5.15 for HD pen/cord.



#N11614

- 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.

GRIPL \$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.

GRIPHD \$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



✓T1L
✓F1L



✓TH1L
✓HD1L

Medium Skew # 1M



✓T1M
✓F1M



✓TH1M
✓HD1M

Small Skew # 1S



✓T1S
✓F1S



✓TH1S
✓HD1S

Extra-Small Skew #1XS



✓T1XS
✓F1XS

Long Small Skew # 1S-L



✓TH1S-L
✓HD1S-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)...

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
<p>Extra-Small Spear #5XS</p>  ✓T5XS ✓F5XS		
<p>2" Special Extra-long Spear # 5X2</p>  ✓F5X2 \$39.50		
<p>3" Special Extra-long Spear # 5X3</p>  ✓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
<p>Extra-Small Curved Spear # 12XS</p>  ✓F12XS	
<p>2" Special Extra-long Curved Spear # 12SX2</p>  ✓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.

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

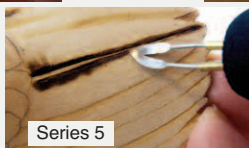


✓TH5MC
✓HD5MC

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

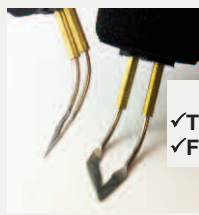


Standard
✓T15L.BG
✓F15L.BG



Heavy-Duty
✓TH15L.BG
✓HD15L.BG

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

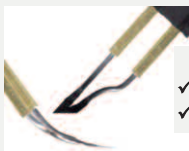


Standard
✓T15LH.BG
✓F15LH.BG



Heavy-Duty
✓TH15LH.BG
✓HD15LH.BG

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



Standard
✓T15S.BG
✓F15S.BG

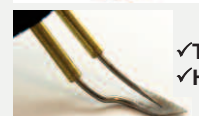


Heavy-Duty
✓TH15S.BG
✓HD15S.BG

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



Standard
✓T15SH.BG
✓F15SH.BG



Heavy-Duty
✓TH15SH.BG
✓HD15SH.BG

All Tips Shown Actual Size.

