











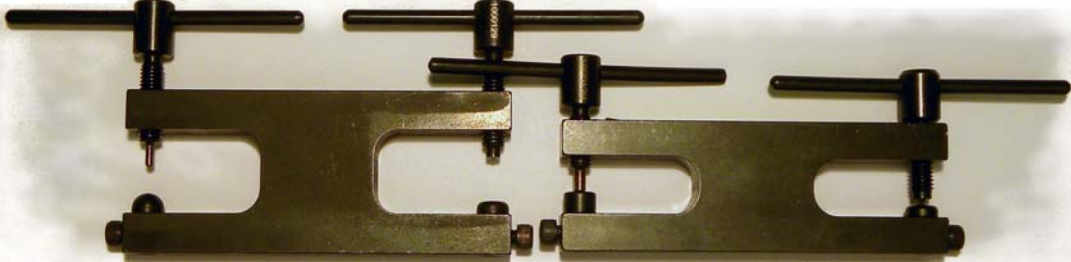


# Crafted Findings Riveting System ~ Choosing the Right Tools and Accessories

<p><b>Original 1/16" Piercing and Rivet Setting System</b></p> <p>1 side pierces 1/16" holes.</p> <p>1 side sets 1/16" rivets.</p> <p>Use with any length of Crafted Findings 1/16" rivets (brass, copper, aluminum or sterling).</p>	 <p>#69-900</p>		 <p>#69-920 and #69-921</p>
<p><b>1/16" Eyelets</b></p> <p>Use the original 1/16" piercing tool, and use the included allen wrench to trade the rivet setting end with a #69-901 eyelet flaring accessory.</p>	 <p>#69-900</p>		 <p>#69-901</p>
<p><b>3/32" Eyelets</b></p> <p>Use a 3/32" piercing accessory and a 3/32" eyelet flaring accessory with the original tool's base (#69-900) or the Riveting System Body (#69-903), or see page 3!</p>	 <p>#69-903</p>	 <p>#69-904 (Piercing)</p>	 <p>#69-908 (Eyelet Flaring)</p>
<p><b>Domed / Curved Items</b></p> <p>Replace the default flat piercing base with a domed piercing base when piercing a hole in curved or domed metal (such as a cuff bracelet or a ring). This prevents a dimple or divot in your metal.</p>			 <p>#69-902 (cuts 1/16" hole)</p>  <p>#69-905 (cuts 3/32" hole)</p>
<p><b>Reverse Riveting</b></p> <p>This accessory allows you to set rivets on domed/curved items (rings and bracelets), keeping the nice rivet head on the <i>outside</i> of the curved item.</p>			 <p>#69-915 (or #69-990 Long Reach)</p>
<p><b>Long Reach vs. Original</b></p> <p>The Long Reach tool is 0.25" (6mm) taller than the Original tool, so you can pierce and rivet deeper/taller items. Note: Accessories for the Original tool are often available before the matching Long Reach accessory.</p>			

*Tools on this page are shown slightly reduced.*

## Cold Connection Techniques: Tips for Using the Crafted Findings Riveting System

**Before you begin**, read the instructions included with the Crafted Findings riveting system.

### For best results:

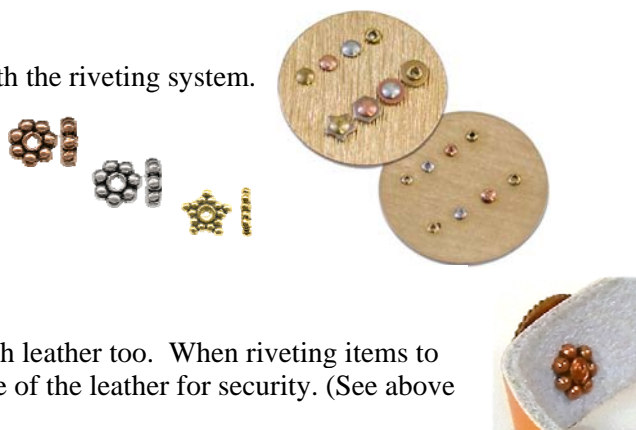
- For items that have 2 holes, securely rivet one hole before punching the next hole.
- No matter how tempting, do not attempt to punch steel washers with these tools. These tools are made of steel, and are designed to be used with soft metals such as copper, sterling, aluminum and brass, up to approximately 20 gauge.
- After piercing an item, never pull it off the tool. Instead, unscrew the “helicopter” handle until the piece falls off on its own.
- For more tips, visit: <http://www.youtube.com/CraftedFindings> or <http://www.youtube.com/ringsandthingsvideo>

### Sizes:

- Crafted Findings *rivets* are 1/16” or 3/32” in diameter, and from 1/16” to 15/32” (roughly 12mm) in length.
- Crafted Findings *eyelets* are 1/16” or 3/32” in diameter, in a variety of lengths.
- Both the Original and Long Reach bases reach roughly 7/8” (22mm) in from the edge of a piece, so you can pierce and rivet the center of items up to 1.75” (45mm) in diameter.
- With the Long Reach tool, you can pierce and rivet items 0.25” *taller* than with the Original tool.

### Fun accents:

- Rivet accents (#69-930 or #69-931) are designed to work with the riveting system.
- Other beads that make great accents include:
  - #26-813-115 Solid copper daisy spacer bead
  - #26-815-115 Silver plated daisy spacer bead
  - #49-990-06 TierraCast star spacer bead
- Thin or flattish bead caps can be fun to stack and layer.



### Working with leather:

- This system is designed for use with metal, but can work with leather too. When riveting items to leather, we recommend placing a small bead on the back side of the leather for security. (See above for accents/beads that work well.)

### Enlarging small holes:

- Some beads and charms may need their holes enlarged. Carefully center their holes on the cutting end of the riveting system, and pierce the same as an item that doesn't have a hole at all.


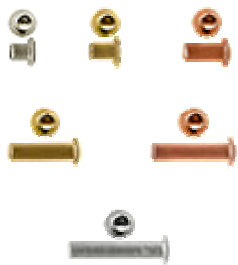

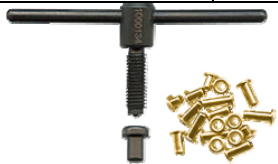



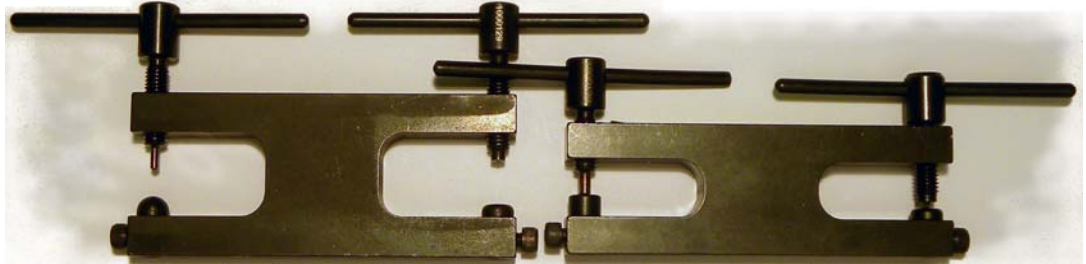
### Antiquing:

- When mixing metals/materials, oxidize or patina your items *before* assembling. Not all items can be antiqued with the same chemicals:
  - Liver of sulfur gives a nice warm, dark finish to silver, copper and bronze, but can produce unpredictable results if you have steel or iron components in the same piece.
  - Win-Ox works best when heated, and gives a nice dark finish to silver, gold, copper and bronze but *cannot* be used with aluminum.

### Polishing:

- Most riveted metal items can be tumble polished when done. Brass, copper, nickel, sterling and aluminum all take a nice polish when tumbled for about 60 minutes. A tumbler with steel shot and a little Shinebrite™ effortlessly removes fingerprints, tarnish and small scuff marks, and can even help eliminate rough edges.
- When your finished piece includes components that can't be polished in a tumbler (such as pearls, painted items, or items with a delicate/faux patina), consider tumble-polishing your sturdier components before you assemble the final piece of jewelry. This may require a good sieve or fine colander, so you don't lose small parts down the drain when separating your components from the steel shot.

## 3/32" Base (New, Summer 2012) + Coordinating Accessories

<p><b>3/32" Piercing and Rivet Setting System</b></p> <p>1 side pierces 3/32" holes. 1 side sets 3/32" rivets.</p> <p>Use with any length of Crafted Findings 3/32" rivets (brass, copper, aluminum or sterling).</p>	 <p>#69-994 (or #69-993 Long Reach)</p>		 <p>#69-922</p> <p>Check our website for all colors and sizes!</p>
<p><b>3/32" Eyelets</b></p> <p>Use a 3/32" eyelet flaring accessory with the above base.</p>	 <p>3/32" diameter eyelets</p>	 <p>#69-908 (3/32" Eyelet Flaring) or #69-911 (3/32" Long Reach Eyelet Flaring)</p>	
<p><b>Domed / Curved Items</b></p> <p>Replace the default flat piercing base with a domed piercing base when piercing a hole in curved or domed metal (such as a cuff bracelet or a ring). This prevents a dimple or divot in your metal.</p> <p><b>Reverse Riveting</b></p> <p>This accessory allows you to set rivets on domed/curved items (rings and bracelets), keeping the nice rivet head on the <i>outside</i> of the curved item.</p>		 <p>#69-905 (cuts 3/32" hole)</p>	 <p>#69-995 3/32" Reverse Riveting accessory (or #69-996 Long Reach)</p>
<p><b>Long Reach vs. Original</b></p> <p>The Long Reach tool is 0.25" (6mm) <i>taller</i> than the Original tool, so you can pierce and rivet deeper/taller items. Note: Accessories for the Original tool are often available before the matching Long Reach accessory.</p>	 <p>#69-993 3/32" Long Reach Rivet Pierce/Set / #69-994 3/32" Standard Rivet Pierce/Set</p>		

*Tools on this page are shown slightly reduced.*

*Questions about using these tools?  
Contact Polly Nobbs-LaRue  
at (509) 252-2900 x131 or  
email me via <https://www.rings-things.com/forms/editor.html>*

## Project Ideas and Tutorials

For a variety of project ideas and tutorials, search our online Design Gallery for Crafted Findings, or if you are viewing this page online: <https://shop.rings-things.com/cart/pc/search-results.asp?txtCategory=All&txtSearch=crafted+findings>

### What Length Rivets (or Eyelets) to Order:

The ideal Crafted Findings rivet length is approximately 1mm (1/32" - 1/16") *longer* than the total thickness of the pieces you are riveting. If in doubt (textured metal, imprecise measurements, etc.), it's generally best to go for a rivet that's a bit too long. Rivet assortments are a great way to get started, then follow up by ordering specific lengths as needed.

This reference chart is a rough guide to help you decide which rivet lengths are likely to work best for new projects.

Rivet Length and Decimal Conversions			Total project thickness		Best Rivet Assortment
Rivet Length	inches	millimeters	inches	millimeters	
1/16"	0.063"	1.59mm	.020 - .040"	0.5 - 1.0mm	Short
3/32"	0.094"	2.38mm	.040 - .066"	1.0 - 1.7mm	Short
1/8"	0.125"	3.18mm	.066 - .097"	1.7 - 2.5mm	Short
5/32"	0.156"	3.97mm	.097 - .128"	2.5 - 3.3mm	Short
3/16"	0.188"	4.76mm	.129 - .160"	3.3 - 4.1mm	Medium
7/32"	0.219"	5.56mm	.160 - .191"	4.1 - 4.9mm	Medium
1/4"	0.250"	6.35mm	.191 - .222"	4.9 - 5.6mm	Medium
9/32"	0.281"	7.14mm	.222 - .253"	5.6 - 6.4mm	Medium
5/16"	0.313"	7.94mm	.254 - .285"	6.5 - 7.2mm	Medium
11/32"	0.344"	8.73mm	.285 - .316"	7.2 - 8.0mm	Long
3/8"	0.375"	9.53mm	.316 - .347"	8.0 - 8.8mm	Long
13/32"	0.406"	10.32mm	.347 - .378"	8.8 - 9.6mm	Long
7/16"	0.438"	11.11mm	.379 - .410"	9.6 - 10.4mm	Long
15/32"	0.469"	11.91mm	.410 - .441"	10.4 - 11.2mm	Long

### Common Sheet Gauges and Height When Stacked

Gauge	1 piece	2 pieces	3 pieces	4 pieces
26g sheet	.016" (.404mm)	.032"	.048"	.064"
24g sheet	.020" (.508mm)	.040"	.060"	.080"
22g sheet	.025" (.635mm)	.050"	.075"	.10"
20g sheet	.032" (.813mm)	.064"	.096"	.13"

