<table>
<thead>
<tr>
<th>Type</th>
<th>Jeans/Denim</th>
<th>Point</th>
<th>Slim and acute</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sizes</td>
<td>70/10, 80/12, 90/14</td>
<td>Schmetz Color Code</td>
<td>Blue</td>
</tr>
<tr>
<td></td>
<td>100/16, 110/18</td>
<td></td>
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<tr>
<td></td>
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</tr>
<tr>
<td>Type</td>
<td>Embroidery</td>
<td>Point</td>
<td>Small ball point prevents damage when stitching through embroidered areas</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Sizes</td>
<td>75/11, 80/12, 90/14</td>
</tr>
<tr>
<td>Schmetz Color Code</td>
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<td>Red</td>
</tr>
<tr>
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<td></td>
</tr>
<tr>
<td>Type</td>
<td>Quilting</td>
<td>Point</td>
<td>Slim, acute, slightly rounded</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Sizes</td>
<td>75/11, 80/12, 90/14</td>
</tr>
<tr>
<td>Schmetz Color Code</td>
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<tr>
<td></td>
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<td></td>
</tr>
<tr>
<td>Type</td>
<td>Microtex Sharp</td>
<td>Point</td>
<td>Very slim and acute</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Sizes</td>
<td>60/8, 65/9, 70/10, 80/12, 90/14</td>
</tr>
<tr>
<td>Schmetz Color Code</td>
<td></td>
<td></td>
<td>Purple</td>
</tr>
</tbody>
</table>

Sewing Machine Needle Guide for Quilters

- **Universal**
  - Point: Slightly rounded
  - Sizes: 60/8, 65/9, 70/10, 75/11, 80/12, 90/14, 100/16, 110/18, 120/19
  - Schmetz Color Code: None
  - A multi-purpose needle especially good for the casual sewer who hems a skirt one day and repairing a tee shirt the next. Do not use on high thread count fabrics or for stitching through many layers. In a bind, go ahead and piece or quilt with this one, but there are better choices.

- **Jeans/Denim**
  - Point: Slim and acute
  - Sizes: 70/10, 80/12, 90/14, 100/16, 110/18
  - Schmetz Color Code: Blue
  - A strong, sharp needle with a reinforced blade. This needle is designed for use on tightly woven fabrics. Quilters also like it for high thread count fabrics like batiks.

- **Embroidery**
  - Point: Small ball point prevents damage when stitching through embroidered areas
  - Sizes: 75/11, 80/12, 90/14
  - Schmetz Color Code: Red
  - Designed for use with rayon and other specialty threads. It has a special scarf, a long smooth groove and large eye which protects fragile threads like metallics from excess friction and shredding.

- **Quilting**
  - Point: Slim, acute, slightly rounded
  - Sizes: 75/11, 80/12, 90/14
  - Schmetz Color Code: Green
  - Engineered for use in both piecing and machine quilting. The shaft is thin and tapered to pass through many layers of fabric smoothly. The design keeps stitches nice and even and helps eliminate skipped stitches.

- **Microtex Sharp**
  - Point: Very slim and acute
  - Sizes: 60/8, 65/9, 70/10, 80/12, 90/14
  - Schmetz Color Code: Purple
  - A slim needle with a thin shaft. Produces a very small hole and less puckering. The extremely sharp point makes for nice straight stitches. It is designed for microfibers which makes it perfect for use on batiks, pima cottons, cotton sateens. Use this needle for quilting with 100wt silk. Start with a 75/11 and work down to a 60/8. Breaking needles? Move up a size. This is a thin needle, because the point is so fine (which makes it fragile), change this needle more often.
Needles range is size from very fine 60/8 to a heavy duty needle 120/19. Most needles use the two number measuring system. The higher number relates to the metric system used in foreign counties. It defines the needle shaft diameter in fractions of a millimeter. The lower number relates to the system in the U.S and is used to indicate needle shaft diameter.

The scarf of the needle is on the backside just above the eye.

### Needle Anatomy
- **Shank**
- **Point**
- **Eye**
- **Schmetz Color Code**
- **Shaft**
- **Groove**

The scarf of the needle is on the backside just above the eye.

### Keep Track of All Those Needles

Sometimes during a quilt project, you'll switch to a different thread and need to use a different needle. Use this handy trick to keep these "used but still good" needles separated from the brand spanking new ones still in the package. Take a good old tomato pin cushion. With a Sharpie pen, write in each section the size and type of the various sewing machine needles that you frequently use. Time to change your needle? Remove the "used but still good" needle from your machine and insert it into its proper place in the pin cushion. When you remove a needle from the pin cushion to use in your sewing machine, put a decorative pin in its place. That way with just a look, you'll be able to tell which needle is in your machine.