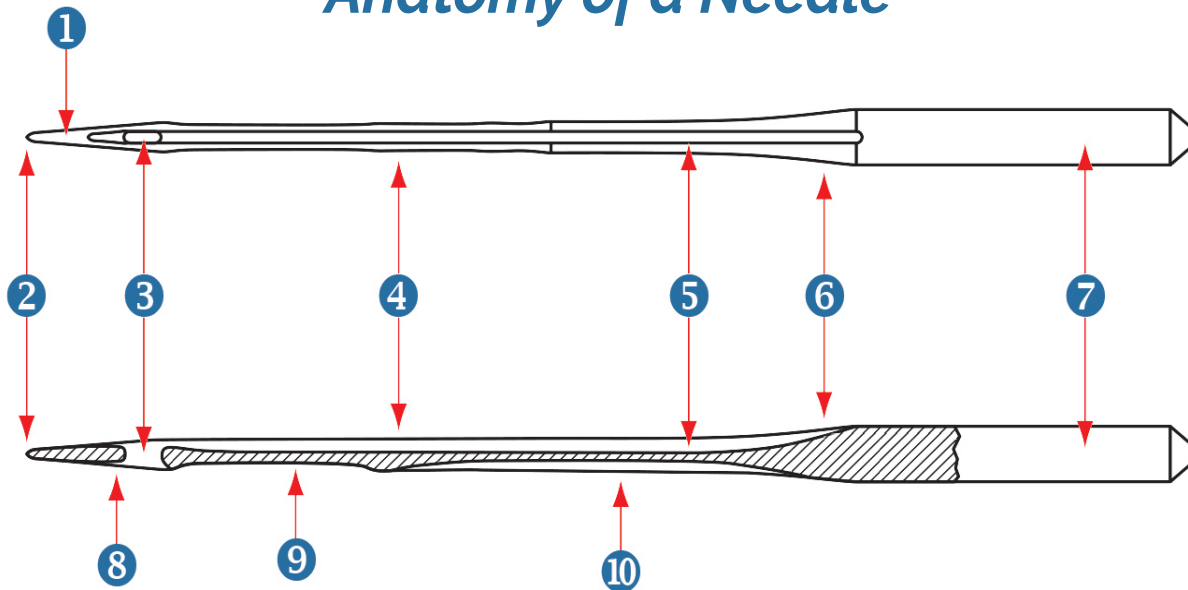




ORGAN® NEEDLES

Anatomy of a Needle



- | | |
|--------------------|----------------|
| ① Needle Point | ⑥ Shank Taper |
| ② Tip of the Point | ⑦ Shank |
| ③ Needle Eye | ⑧ Point Groove |
| ④ Blade | ⑨ Scarf |
| ⑤ Long Groove | ⑩ Short Groove |

Needle Point: Needle tip that penetrates fabric to pass the thread to the bobbin hook and form a stitch. The shape of the point varies among needle types.

Needle Eye: Hole in the end of the needle through which the thread passes. Needle size and type determine the size and shape of the eye.

Long Groove: The slit above the needle eye, which should be large enough to “cradle” the thread.

Shank: Top of the needle that inserts into the machine. Most often it has a round front and flat back. The flat back seats the needle in the right position.

Blade: Body of the needle below the shank. The shaft thickness determines needle size.

Scarf: Indentation at the back of the needle. A long scarf helps eliminate skipped stitches by allowing the bobbin hook to loop the thread more easily. A shorter scarf requires a more perfectly timed machine.