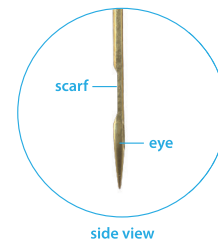
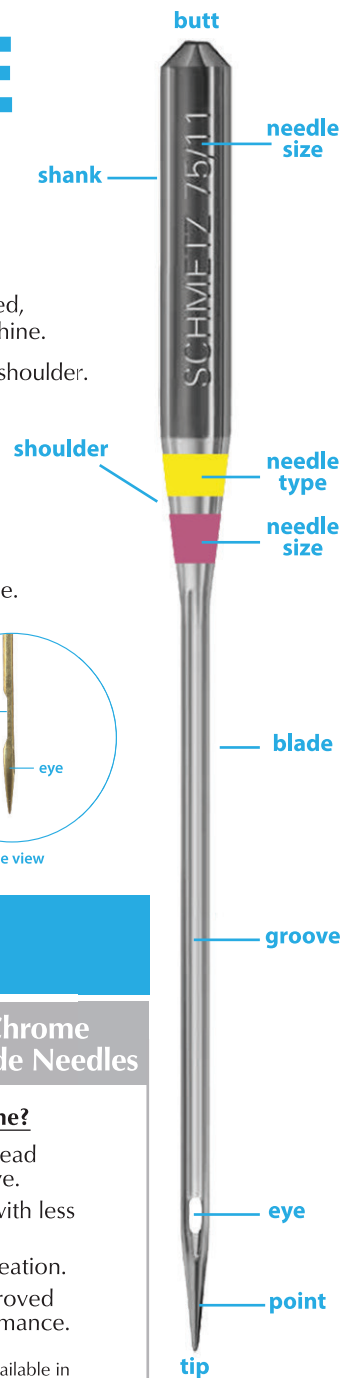




# SCHMETZ® NEEDLE GUIDE

## Needle Anatomy

- Butt:** The beveled end allows easy insertion in the needle bar.
- Shank:** Household needles have a flat shank, while commercial and industrial needles have round, threaded, notched or other special shanks. Shanks allow perfect positioning of the needle in the sewing machine.
- Shoulder:** The sloping area transitioning between the shank and blade. SCHMETZ® color codes appear on the shoulder.
- Blade:** Needle size is determined by the blade diameter (i.e., size 75 is .75mm).
- Groove:** The groove cradles and guides thread to the eye. The length and size of the groove vary according to needle type.
- Scarf:** The indentation above the eye that allows the bobbin hook to smoothly grab the thread under the throat plate to create a stitch. The shape and size of the scarf vary according to needle type.
- Eye:** The hole through which thread passes. The shape and size of the eye vary according to needle type.
- Point & Tip:** Length, shape and size vary according to needle types.
- Needle Type:** Upper color band indicates needle type (i.e., Stretch).
- Needle Size:** Lower color band indicates size (i.e., 75/11).



## Change Your Needle

Damaged or worn needles result in:

- Broken or shredded threads
- Skipped or uneven stitches
- Puckered or damaged fabrics
- Popping sounds made by sewing machine

## 130/705 H

The needle system used by home sewing machines. Needles have a flat shank and a scarf.

**SCHMETZ® Works with All Sewing Machine Brands!**

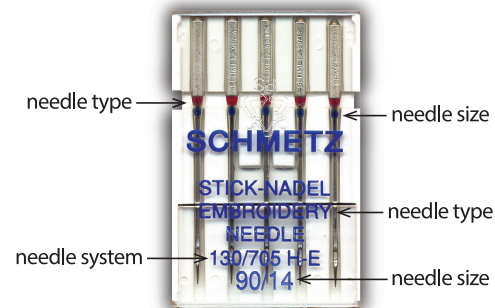
## Replace Your Needle

It's the easiest way to improve your stitch quality.

## Needle Selection

Choose needle size according to thread thickness and needle type according to fabric application.

## How to Read a Needle Package



## SCHMETZ® Chrome Professional Grade Needles

### Why Chrome?

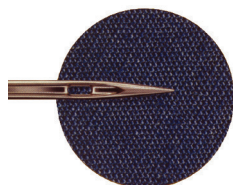
- Less friction on thread passing through eye.
- Penetrates fabric with less resistance.
- Smoother stitch creation.
- Resists heat – improved durability & performance.

● indicates select sizes available in SCHMETZ® Chrome.

## General Purpose Needles

### Universal ●

**Size:** 65/9, 70/10, 80/12, 90/14, 100/16, Assorted, Twin



**Color Code:** None  
**Feature:** Slightly rounded point.  
**Fabric Use:** Numerous - woven and knits. A great general purpose needle.

### Jersey (Ball Point) ●

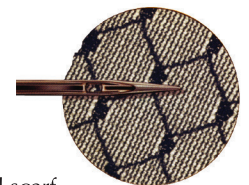
**Size:** 80/12, Assorted



**Color Code:** Orange  
**Feature:** Medium ball point.  
**Fabric Use:** Knits and some stretch fabrics. Made especially for sewing on knits. The medium ball point does not damage or break knit fibers.

### Stretch ●

**Size:** 75/11, 90/14, Twin



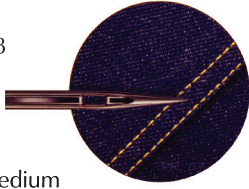
**Color Code:** Yellow  
**Feature:** Medium ball point, special eye and scarf.  
**Fabric Use:** Elastic materials and highly elastic knitwear. The medium ball point, specially designed eye and scarf prevent skipped stitches.

[www.SCHMETZneedles.com](http://www.SCHMETZneedles.com)

## Specialty Needles

### Jeans ●

Size: 100/16, 110/18



**Color Code:** Blue

**Feature:** Modified medium ball point and reinforced blade.

**Fabric Use:** Denim and similar fabrics. Advanced point design is a SCHMETZ® exclusive. For penetrating extra thick woven fabrics, denims, or quilts with minimum needle deflection, reduced risk of needle breakage and skipped stitches.

### Microtex (Sharp) ●

Size: 60/8, 70/10, 80/12, 90/14



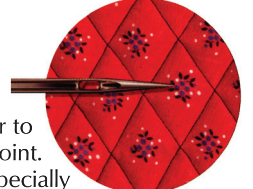
**Color Code:** Purple

**Feature:** Very slim acute point.

**Fabric Use:** Micro fibers, polyester, silk, foils, artificial leather, coated materials. Very thin acute point creates beautiful topstitching and perfectly straight stitches for quilt piecing when precision is paramount.

### Quilting ●

Size: 75/11, 90/14



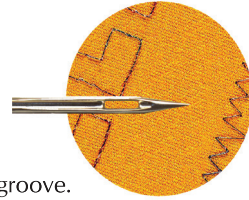
**Color Code:** Green

**Feature:** Special taper to the slightly rounded point.

**Fabric Use:** Made especially for piecing and machine quilting. The special tapered design allows easier fabric penetration and helps eliminate skipped stitches.

### Embroidery

Size: 75/11, 90/14



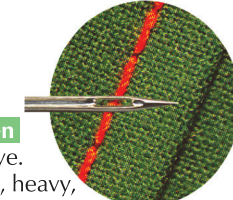
**Color Code:** Red

**Feature:** Light ball point, wide eye and groove.

**Fabric Use:** Use with rayon, polyester and other specialty embroidery threads. The special scarf, widened groove and enlarged eye protect fragile threads and guard against excess friction allowing trouble-free embroidery and decorative stitching.

### Topstitch ●

Size: 80/12, 90/14



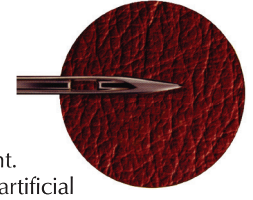
**Color Code:** Lt. Green

**Feature:** Extra long eye.

**Fabric Use:** Topstitch, heavy, multiple or poor quality threads. Achieve perfectly straight stitch lines and even stitches when using a straight stitch plate.

### Leather

Size: 90/14, 110/18



**Color Code:** Brown

**Feature:** Cutting point.

**Fabric Use:** Leather, artificial leather, heavy non-woven synthetics. Do not use on knit or woven fabrics.

● indicates select sizes available in SCHMETZ® Chrome.

## Multiple Needles



### Universal Twin

Sizes: 2.0/80, 4.0/80

### Stretch Twin

Size: 2.5/75, 4.0/75



[www.SCHMETZneedles.com](http://www.SCHMETZneedles.com)