

## Needles Info

**BREAKING NEEDLES?** Make sure your needles are correctly offset? Flat back of needle parallel to back of machine?

Schmetz 90/14 size Universal needles come loaded in the serger from the factory, other sizes of needles work, but **not larger 90/14**, both left and right are same exact size? (don't laugh, people do all kinds of things) Do not attempt to use Jeans or Denim needles in the serger.

Use the right needle for the right type and weight of fabric:

Universal Needles are for use with woven fabrics like quilting cottons, etc.

Ball-point needles, stretch needles and jersey needles are used with knit fabrics.

Needle Type	Needle Size	Fabric Type	Thread Size 50 = AVERAGE
<b>UNIVERSAL</b>	60 (9)	Voile, chiffon, very delicate	80, Fine Cotton
	70 (11)	Voile, sheers, delicate	60, Fine Cotton
	80 (12)	Shirtings, poplin, rayons, light wool	50 Gütermann Sew-All, Laska Cotton
	90 (14)	Medium - heavy, calico, linen	50, 40, 30, Gütermann Sew-All
	100 (16)	Heavy fabric, upholstery, bag making	Gütermann Extra
	110 (18)	Extra heavy fabric, upholstery	Gütermann Topstitch, Extra
<b>SHARPS</b>	70 (11)	Voile, delicate, microfibre	60, Fine Cotton
	80 (12)	Shirtings, microfibre, wool worsted	50, Gütermann Sew-All
	90 (14)	All sharps produce perfect top stitching	50, 40, 30, Gütermann Sew-All
<b>BALL POINT</b>	70 (11)	Light knits, tricot	60, Fine Cotton
	80 (12)	Interlock, Lacoste	50, Gütermann Sew-All
	90 (14)	Med-heavy knits, double knit	50, 40, Gütermann Sew-All
<b>STRETCH</b>	75 (11)	Light lycra, elasticised fabrics	50, Gütermann Sew-All
	90 (12)	Elastic, heavier lycra, elasticised fabrics	50, 40, Gütermann Sew-All
<b>JEANS</b>	90 (14)	Denim, tightly woven fabrics	50,40, Gütermann Sew-All
	100 (16)	Spear point pierces fabrics	Gütermann Extra, Sew-All
<b>LEATHER</b>	90 (14)	For all leather and vinyl	50, 40, 30, Gütermann Extra, Sew-All
	100 (16)	Do not use with ultra-suede	50, 40, 30, Gütermann Topstitch, Extra
<b>METALFIL</b>	80 (12)	Decorative sewing on various fabrics using metallic thread	40, 50, Metallic Threads
<b>TWIN</b>	Various	Twin needle and decorative sewing on various fabrics	Equivalent to relative single needle

Always test needle and thread on a piece of your fabric. Check tension, stitch size and thread compatibility with fabric.

You can download the Schmetz Needle app for handy use in your Android phone or tablet

<https://play.google.com/store/apps/details?id=com.schmetz.needle>

## Needles Info

Bulk needles can be purchased via Amazon

<https://www.amazon.com/15X1-HAX1-Sewing-Needles-metric/dp/B01F4V2656/>

<https://www.amazon.com/Organ-Sewing-Machine-Needles-Count/dp/B0042B9K2C/>

Other things to check - unplug machine (so to avoid accidentally serging yourself) and handwalk the flywheel on the right side of the machine toward you - and listen carefully for any clicking rubbing noises as you walk it through a few stitch sequences.

If something is bent - you will distinctly hear it. Save this post for future reference, paste it in your Serger Journal. <http://www.sewinginthebarn.com/journaling.html>

Brother 1034d Serger Needles: Why are the threads not catching; They are they in a straight line?  
[https://help.brother-usa.com/app/answers/detail/a\\_id/78981](https://help.brother-usa.com/app/answers/detail/a_id/78981)

### Why are the threads not catching; They are they in a straight line?

If you have experiencing a problem with your machine such as jamming and now your thread does not chain off when you press the foot control, follow the steps below to resolve this issue.

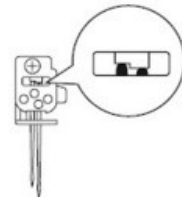
1. Needles are bent or the tip is blunt. Replace needle with a new one.

Turn main power and light switch to the OFF position.

Turn the hand wheel so that the mark on the hand wheel is aligned to the line on the machine.

Loosen the needle set screw with turning the included hexagonal driver to the left direction. And then remove the needles.

Hold the needle with its flat side away from you and insert it up as far as it will go.



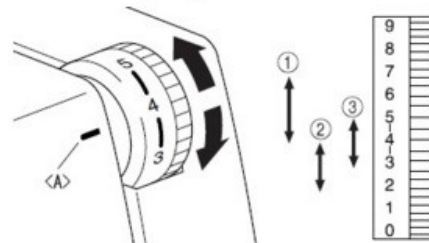
**NOTE:** If the needles have been inserted correctly, the right needle should be set slightly lower than the left one.

2. Needles are incorrectly installed. Install needles correctly.

Hold the needle with its flat side away from you and insert it up as far as it will go.

Tighten the needle set screw securely with turning the included hexagonal driver toward the right direction.

3. Thread tension too tight. Adjust the thread tension.



Sewing is possible at position '4' for most circumstances.

If the stitch quality is insufficient, select a different tension setting.

4. Incorrect needle being used. Install correct needle.

This machine uses a standard home sewing machine needle.

The recommended needle is SCHMETZ 130/705H (#80 or #90).