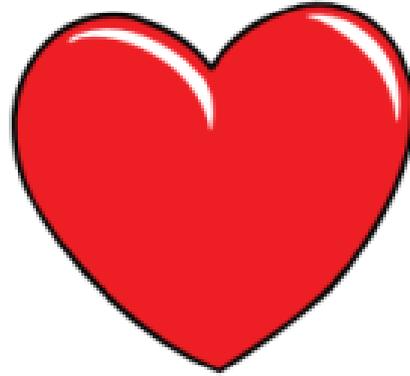




Virtual Sewing Guild and Rhonda Pierce: Schmetz Needles

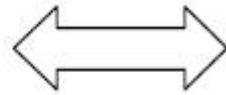
I



SCHMETZ Needles!

The Sewing Machine Needle





Production

Anatomy

5 Needles Loved by Sewists

5 Needles Loved by Quilters

???

I



SCHMETZ Needles!

Needle Production



**From the needle
wire to SCHMETZ
quality needles**



Needle Production



- Swaging



- Stamping and punching



- Marking



- Groove milling



- Fin grinding and soft pointing



- Hardening and tempering

Needle Production



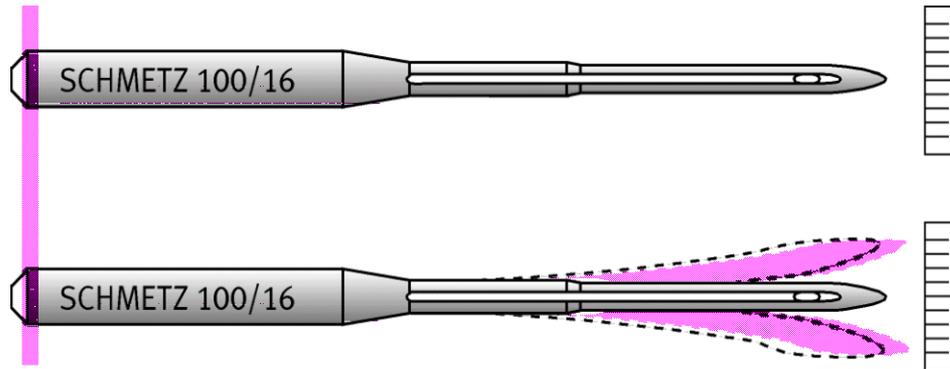
- **Chemical deburring**

The smoothness of the needle surface is achieved by chemical treatment.

Especially the eye and the edges of the grooves are smooth and more rounded.

The sewing thread and the fabric can be sewn without damage.

Needle Production



- **Exact straightening**

- Straight stitches
- Exact needle penetration, minimal deflection of the needle
- No damage of machine parts
- Less requirements of spare parts

➔ **COST SAVING**

Needle Type

- Universal 
- Stretch 
- Jersey 
- Jeans 
- Leather 
- Microtex 
- Quilting 
- Embroidery 
- Metallic 
- Topstitch 
- Embroidery Spring Needle 
- Hemstitch 
- Double Eye Needle 
- Quick Threading Needle 
- Specialty Needles
(HAx1SP, 130/705 H-PS, 705 B) 
- Overlock Needle
(ELx705, ELx705 CF, ELx705 SUK CF) 



Needle Size

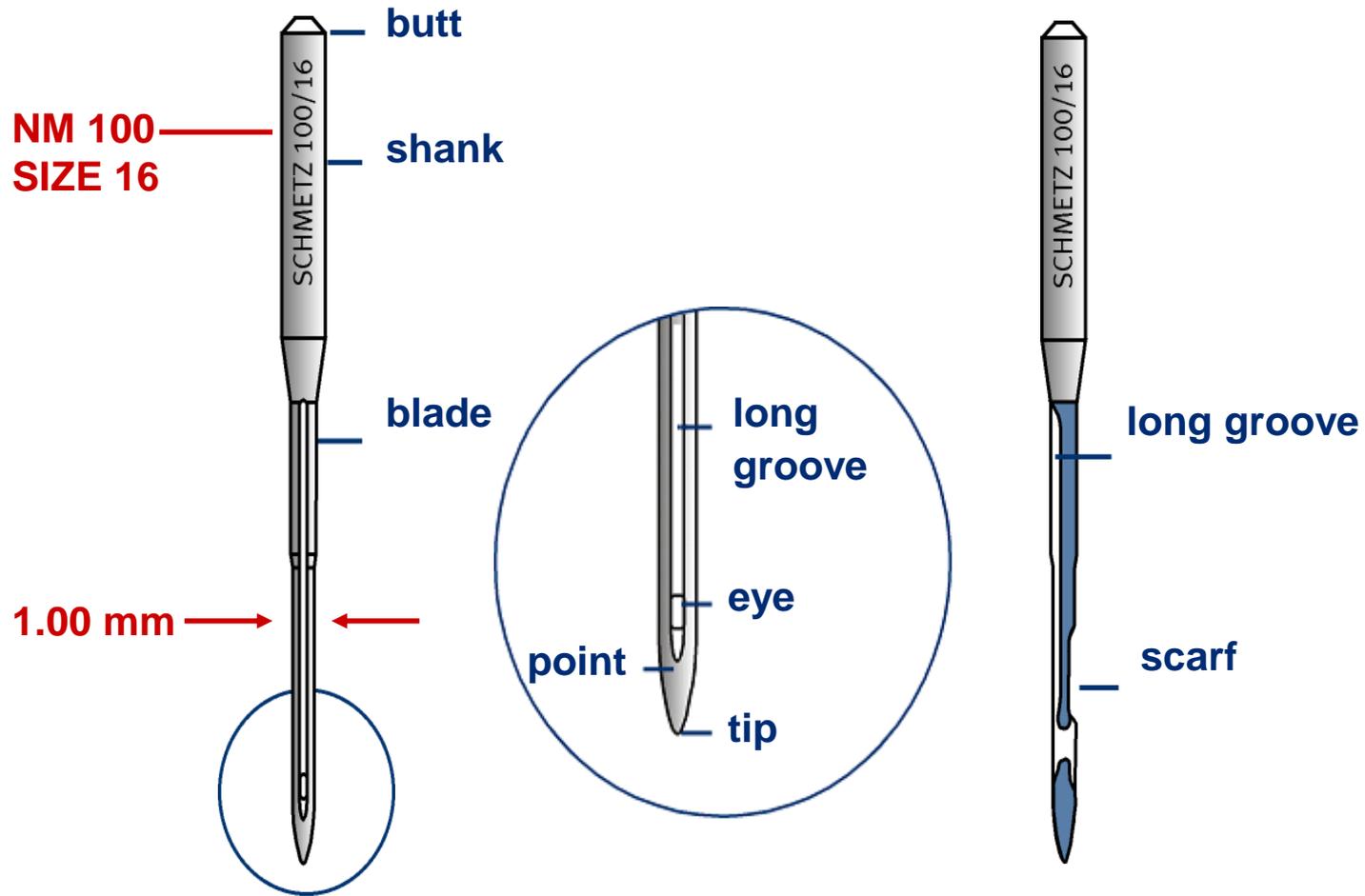
NM / SIZE

-  130/21
-  125/20
-  120/19
-  110/18
-  100/16
-  90/14
-  80/12
-  75/11
-  70/10
-  65/9
-  60/8

Needle Anatomy



Needle Anatomy



Needle Eye Comparison



130/705 H
Universal
Needle



130/705 H-E
Embroidery
Needle



130MET
Metallic Needle
and
130 N
Topstitch Needle





60/8, 65/9

70/10, 75/11

80/12

90/14

100/16, 110/18

120/19

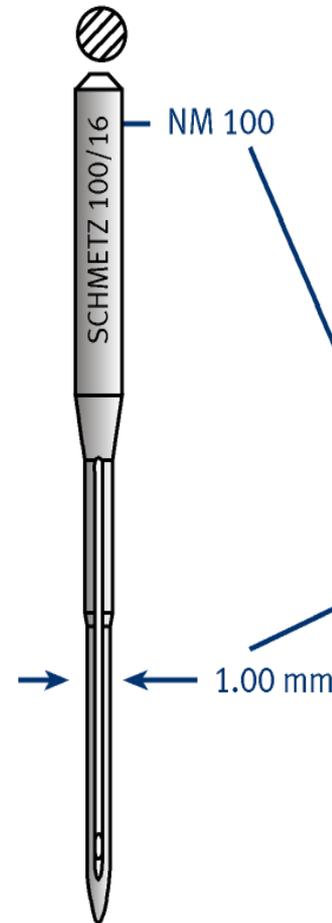


Metric Number 75/Singer Number 11

Size 75/11

Needle Sizes

Needle sizes consist of two numbers. The first number is the **metric number** and is the measurement of the width of the needle blade in millimeters multiplied by 100 to make it a whole number.



NM	SINGER/ Asia
35	2
40	3
45	4
50	5
55	6
60	8
65	9
70	10
75	11
80	12
85	13
90	14
95	15
100	16
105	17
110	18
120	19
125	20
130	21
140	22
150	
160	23
180	24
200	25



SCHMETZ

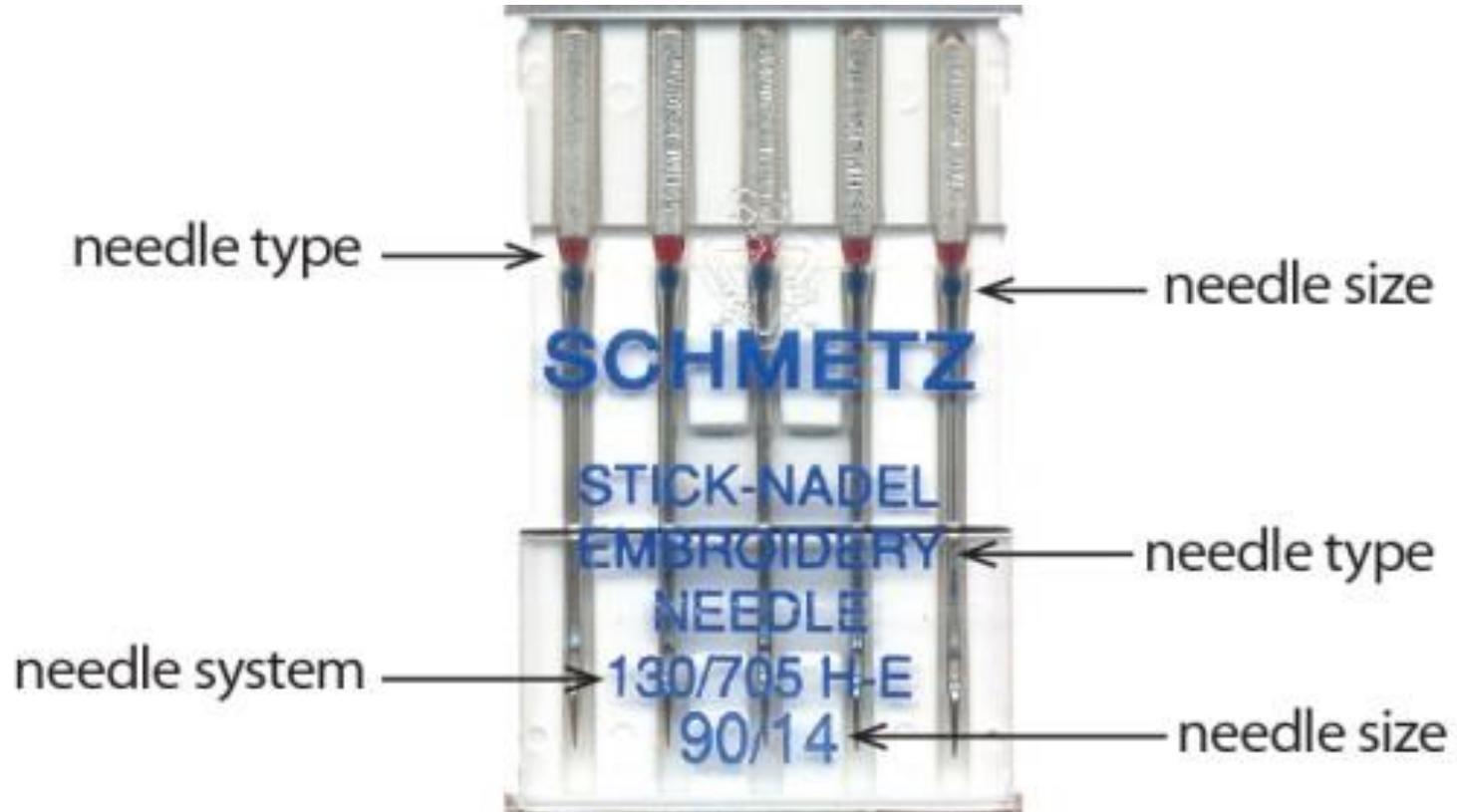
5 EMBROIDERY GOLD NEEDLES

Aiguilles Doré à broder
Agujas Doradas para Brodar

Embroidery Needle



How to Read a Needle Package



Stay tuned for...

Needle Review

New Product Announcement!

Mystery Question





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Lindee Goodall

Rhonda Pierce

Lisa Archer



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PurelyGrates
Embroidery

Lindee G Embroidery
embroidery design & education

SCHMETZ needles

Pickle Pie
DESIGNS
with Play, Modern Embroidery

What's **YOUR** Favorite Needle?

Double Eye – 80
Elna ELX705 – 80, 90
Embroidery – 75, 90, Assorted, Twin
Embroidery, Gold – 75, 90
Hemstitch – 100, 120, Twin
Jeans – 70, 80, 90, 100, 110, Assorted, Twin
Jersey – 70, 80, 90, 100, Assorted
Leather – 70, 80, 90, 100, 110, 120
Metallic – 80, 90
Microtex (Sharp) – 60, 70, 80, 90, 100, 110
Overlock, BLX1, DCX1
Quick Threading – 80, 90
Quilting – 75, 90, Assorted
Stretch – 65, 75, 90, Twin
Topstitch – 80, 90, 100
Universal – 60, 65, 70, 75, 80, 90, 100, 110, 120, Assorted, Twin, Triple

.....

Double Hemstitch – 2.5/100
Embroidery Twin – 2.0/75, 3.0/75
Jeans Twin – 4.0/100
Metallic Twin – 2.5/80
Stretch Twin – 2.5/75, 4.0/75
Universal Triple – 2.5/80, 3.0/80
Universal Twin – 1.6/70, 1.6/80, 2.0/80, 2.5/80,
3.0/90, 4.0/80, 4.0/90, 4.0/100, 6.0/100, 8.0/100

Available at your local dealer!

www.SCHMETZneedles.com



SCHMETZ

5 UNIVERSAL NEEDLES

Aiguilles Universelles
Agujas Universales



Universal

Size: 60/8, 65/9, 70/10, 75/11, 80/12, 90/14, 100/16, 110/18, 120/19, Assorted, Twin, Triple

Color Code: None

Feature: Slightly rounded point.

Fabric Use: Numerous — wovens and knits. A great general purpose needle.



SCHMETZ

5 STRETCH NEEDLES

Aiguilles Stretch
Agujas Stretch



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.



SCHMETZ

5 JERSEY/BALL POINT NEEDLES

Aiguilles Jersey/Pointe à Bille
Aguja para Jersey/Punta Bola



Jersey

Size: 70/10, 80/12, 90/14, 100/16, 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 knitted fibers.



SCHMETZ

5 JEANS/DENIM NEEDLES

Aiguilles de Jeans/Denim
Agujas para Tejanos/Denim



Jeans

Size: 70/10, 80/12, 90/14, 100/16, 110/18,
Assorted, Twin

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.



SCHMETZ

5 LEATHER NEEDLES

Aiguilles Cuir
Agujas para Cuero



Leather

Size: 70/10, 80/12, 90/14, 100/16, 110/18,
Assorted

Color Code: **Brown**

Feature: Cutting point.

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



SCHMETZ

5 MICROTEx (SHARP) NEEDLES

Aiguilles Microtex (Pointues)
Agujas Punta Aguda para Microtex



Microtex

Size: 60/8, 70/10, 80/12, 90/14, 100/16, 110/18, Assorted

Color Code: Purple

Feature: Very slim acute point.

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



SCHMETZ

5 QUILTING NEEDLES

Aiguilles Quilting/Courtepointe
Agujas para Pespuntear



Quilting

Size: 75/11, 90/14, Assorted

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.



SCHMETZ

5 EMBROIDERY NEEDLES

Aiguilles à Broder
Agujas para Bordar



Embroidery

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

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.



1824

SCHMETZ

5 EMBROIDERY GOLD NEEDLES

Aiguilles Doré à broder
Agujas Doradas para Brodar

Embroidery Needle



Gold Embroidery

Size: 75/11, 90/14

Color Code: None

Feature: Titanium Nitride coating, slightly rounded point and enlarged eye.

Fabric Use: Coarse and densely woven materials. Slightly rounded point and enlarged eye are perfect for embroidery on most fabrics and with the most fragile specialty threads. Titanium coating resists adhesives, improves needle wear and penetration of coarse and densely woven fabrics.



SCHMETZ

5 METALLIC NEEDLES

Aiguilles Métalliques
Agujas Metalicas



Metallic

Size: 80/12, 90/14, Twin

Color Code: Pink

Feature: Elongated eye.

Fabric Use: Metallic and other specialty threads. A “must have” for sewing with sensitive metallic threads. The elongated eye prevents shredding and breaking of metallic threads.



SCHMETZ

5 TOPSTITCH NEEDLES

Aiguilles pour Surpiquer
Agujas para Sobrepuntear



Topstitch

Size: 80/12, 90/14, 100/16

Color Code: Light 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.



SCHMETZ

1 HEMSTITCH NEEDLE

Aiguilles Lancéolée
Agujas para Recortado



Hemstitch

Size: 100/16, 120/19, Twin

Color Code: None

Feature: A wing on each side of the needle.

Fabric Use: Light or medium weight loosely woven fabrics. Popular for heirloom sewing and to create decorative cutwork.



SCHMETZ

5 DOUBLE EYE NEEDLES

Aiguilles à Double Chas

Agujas con Doble Ojal



Double Eye

Size: 80/12

Color Code: None

Feature: Universal needle with two eyes.

Fabric Use: Numerous — wovens and knits. Use two different threads for shading and texturing effects for embroidery and topstitching.



SCHMETZ

5 QUICK THREADING NEEDLES

Aiguilles à Enfilage Facile
Agujas de Enhebrado Facil



Quick Threading

Size: 80/12, 90/14

Color Code: None

Feature: Universal needle with a slip-in threading slot in the eye.

Fabric Use: Numerous — wovens and knits. A general purpose needle for effortless threading.



Twin & Triple Needles





SCHMETZ

1 UNIVERSAL TRIPLE NEEDLE

Aiguille Triple Universelle
Triple Aguja Universal



Universal Triple

Size: 2.5/80, 3.0/80

Color Code: None

Feature: Three *Universal* needles mounted on one shank create three rows of stitches simultaneously.

Fabric Use: Numerous.



SCHMETZ

1 STRETCH TWIN NEEDLE
Aiguille Double Stretch
Agujas Gemelas Elásticas



Stretch Twin

Size: 2.5/75, 4.0/75

Color Code: None

Feature: Two *Stretch* needles mounted on one shank create two rows of stitches simultaneously.

Fabric Use: Elastic materials and highly elastic knitwear.



SCHMETZ

1 JEANS/DENIM TWIN NEEDLE
Aiguille Double Jeans/Denim
Agujas Gemelas para Tejanos/Denim



Jeans Twin

Size: 4.0/100

Color Code: None

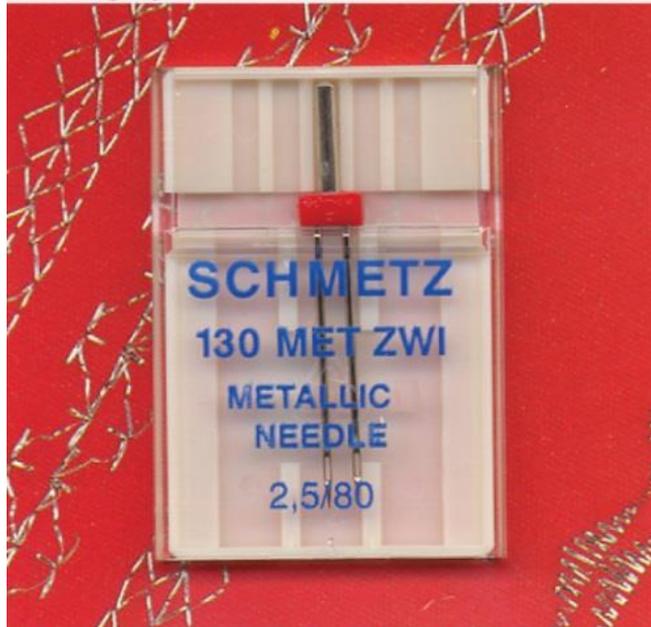
Feature: Two *Jeans* needles mounted on one shank create two rows of stitches simultaneously.

Fabric Use: Denim and similar extra-thick woven fabrics.



SCHMETZ

1 METALLIC TWIN NEEDLE
Aiguille Double Métallique
Agujas Gemelas Metalicas



Metallic Twin

Size: 2.5/80, 3.0/90

Color Code: None

Feature: Two *Metallic* needles mounted on one shank create two rows of stitches simultaneously.

Fabric Use: Special effect and fancy threads, particularly for metallic threads.



SCHMETZ

1 EMBROIDERY TWIN NEEDLE

Aiguille Double à Broder

Agujas Gemelas para Bordar



Embroidery Twin

Size: 2.0/75, 3.0/75

Color Code: None

Feature: Two *Embroidery* needles mounted on one shank create two rows of stitches simultaneously.

Fabric Use: Use with rayon, polyester and other specialty embroidery threads.

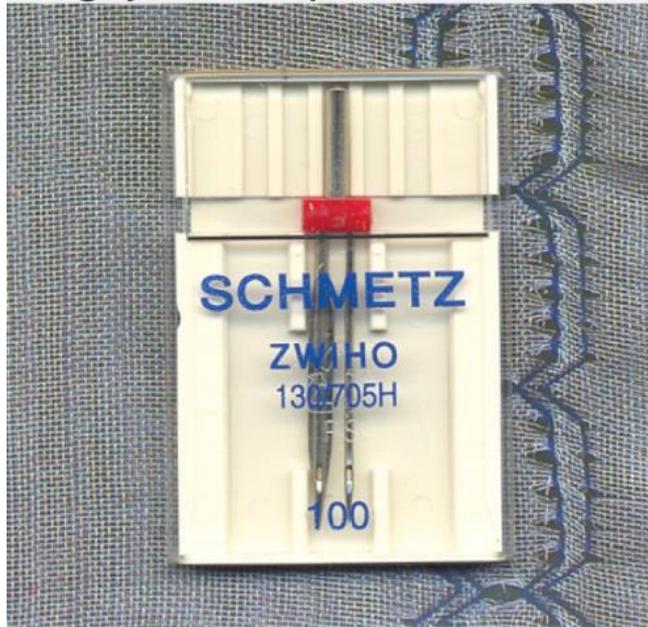


SCHMETZ

1 DOUBLE HEMSTITCH NEEDLE

Aiguille Double Lancéolée

Aguja Doble para Recortado



Double Hemstitch

Size: 2.5/100

Color Code: None

Feature: A *Wing* needle and a *Universal* needle with a 2.5 mm separation combined on a single shank for decorative stitching in dual rows.

Fabric Use: Light or medium weight loosely woven fabrics; for heirloom sewing and decorative cutwork.



SCHMETZ

1 UNIVERSAL TWIN NEEDLE
Aiguille Double Universelles
Agujas Gemelas Universales



Universal Twin

Size: 1.6/70, 1.680/, 20./80, 2.5/80, 3.0/90, 4.0/80, 4.0/90, 4.0/100, Assorted

Color Code: None

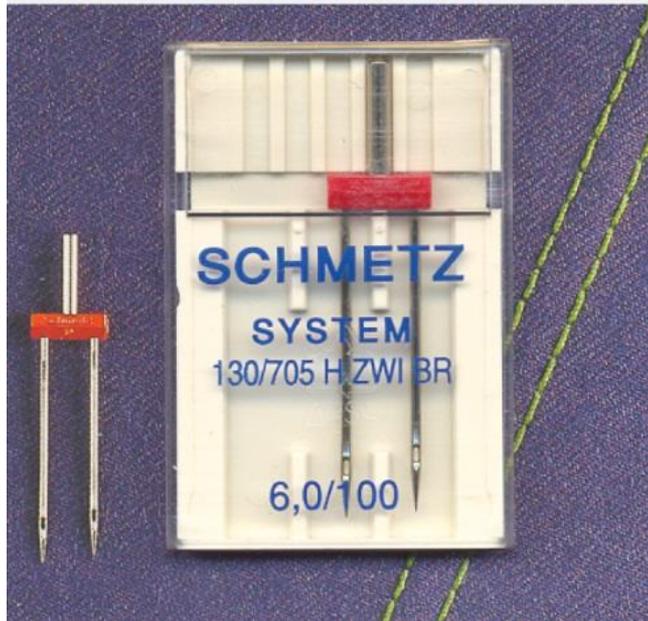
Feature: Two *Universal* needles mounted on one shank create two rows of stitches simultaneously.

Fabric Use: Numerous — wovens and knits.



SCHMETZ

1 UNIVERSAL TWIN NEEDLE
Aiguille Double Universelles
Agujas Gemelas Universales



Universal Twin — Wide

Size: 6.0/100, 8.0/100

Color Code: None

Feature: Two *Universal* needles mounted on one shank create two rows of stitches simultaneously.

Fabric Use: Numerous — wovens and knits.

Five Needles Loved by Sewists





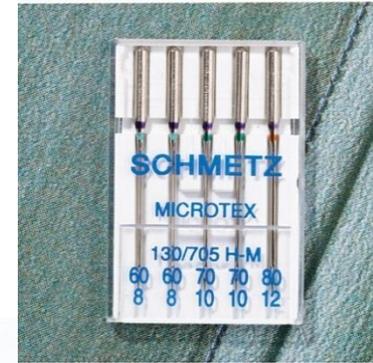
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5 UNIVERSAL NEEDLES
 Aiguilles Universelles
 Agujas Universales



SCHMETZ
5 JEANS/DENIM NEEDLES
 Aiguilles de Jeans/Denim
 Agujas para Tejanos/Denim



SCHMETZ
5 MICROTEX (SHARP) NEEDLES
 Aiguilles Microtex (Pointues)
 Agujas Punta Aguda para Microtex



SCHMETZ
5 JERSEY/BALL POINT NEEDLES
 Aiguilles Jersey/Pointe à Bille
 Aguja para Jersey/Punta Bola



SCHMETZ
5 STRETCH NEEDLES
 Aiguilles Stretch
 Agujas Stretch



Five Needles Loved by Quilters





SCHMETZ
5 UNIVERSAL NEEDLES
 Aiguilles Universelles
 Agujas Universales



SCHMETZ
5 QUILTING NEEDLES
 Aiguilles Quilting/Courtepointe
 Agujas para Pespuntear



SCHMETZ
5 MICROTEX (SHARP) NEEDLES
 Aiguilles Microtex (Pointues)
 Agujas Punta Aguda para Microtex



SCHMETZ
5 JEANS/DENIM NEEDLES
 Aiguilles de Jeans/Denim
 Agujas para Tejanos/Denim



SCHMETZ
5 TOPSTITCH NEEDLES
 Aiguilles pour Surpiquer
 Agujas para Sobrepuntear



New
Product
Announcement

SCHMETZ Chrome Professional Grade



Two-color card identifies needle type & size using the SCHMETZ Color Chart.



Power Quilters & Stitch Mavens



SCHMETZ Chrome!



??????





Needle Replacement?

Damaged or Worn Needles

result in:

Damaged or broken threads

Skipped stitches

Puckered fabrics

Damaged fabrics

Uneven seams

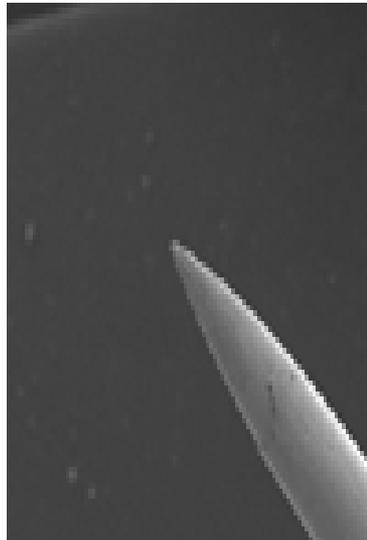
Popping or Clunking sound



Change the Needle!

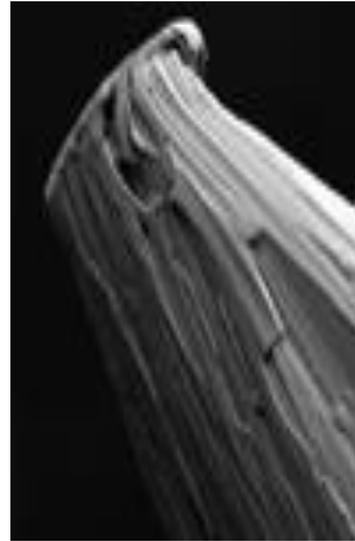
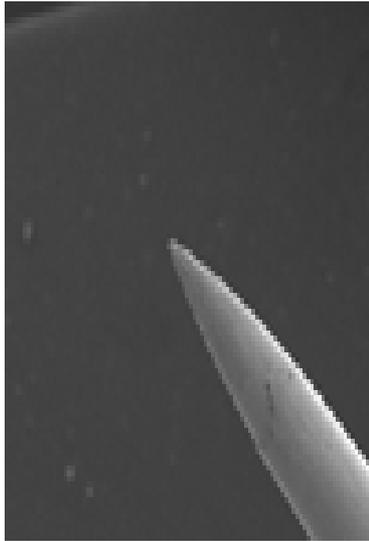
Needle Condition

Needles must be in factory spec condition to perform as designed.



Needle Condition

Simple wear materially changes the condition of the needle.





When in doubt . . .

Change the Needle!

**It's the easiest way
to improve every stitch!**

How frequently do you change
YOUR needle?

The rule of thumb: **Every 8 hours of sewing.**





Change the Needle!

Stay tuned for...





Specialty Pack

Suggested Retail: \$37.00

Including shipping and handling within continental USA

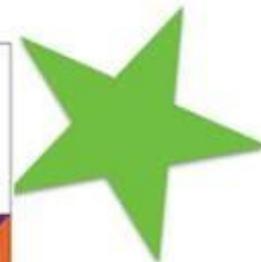
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http://tinyurl.com/nu5kozh
SCHMETZ Needle facts





Thank You !

Now it's time for you to stock up on your needles so you can get the best results possible on all your projects!

