



## Your needle compass

Swiss Quality

For all brands of domestic sewing machines

Original **BERNINA<sup>+</sup>** needles  
[www.berninaneedles.ch](http://www.berninaneedles.ch)



## Needle alphabet

Artificial leather	4	5	Corduroy	5	
Artificial silk	1		Curtains	2	
Bed spreads	5		Decorative threads	8	
Bed ticks	1		Denim	5	
Blouses	1		Double		
Bonded fabrics			ornamental seams	13	
(artificial leather, vinyl waxed cloth)	5		Dresses	1	
Calf-leather	4		Elastic material		
Cambric	1		(jersey, Lycra)	2	3
Canvas	5		Embroidering	8	
Chiffon	1		Foundation		
Coarse knitted			garment	1	2
material	2		Georgette	1	
			Goatskin	4	

Half-linen	1	Lightweight fabrics (linen, poplin, silk)	1	Silk	6
Heavy wovens	1	Lightweight jersey	3	Silk jersey	3
Helanca	2	Linen	1	Single jersey	3
Hemstitching (cambric, heavy linen etc)	11 12	Lycra	2 3	Suede	4
Highly elastic knitted material (Lycra, silk, jersey)	3	Metallic threads	9	Suits	1
Jeans	5	Microfibre fabrics	6	Table-linen	1
Jersey	2 3	Organdy	1	Triple ornamental seams	15
Knitwear	2	Overalls	5	Tucking	13 14
Leather (heavy, also hard artificial leather)	4	Overlock seams	1	Turkish hemstitch (half-linen, linen fabrics)	11
		Patchwork	7	Vinyl	5
		Pigskin	4	Waxed cloth	5
		Poplin	1	Wing needle	11
		Quilting	7	ZWIHO	12
		Sail-cloth	5		
		Shirts	1		



## System 130/705 H Universal

for the majority of fabrics, including  
jerseys and synthetics

1

Needle size: 60–120                      80/90  
 Packing up: in boxes of 5            in boxes of 10  
 Assorted: 70–100 (1/2/1/1), 70–90 (2/2/1),  
 70–80 (2/3), 70–90 (2/6/2)

Needle size		Needle size	
Artificial silk	70	Half-linen	70, 80
Bed ticks *	80, 90	Heavy wovens	70, 80 90
Blouses	70, 80	Lightweight fabrics	70, 80
Cambric	70	Linen	80, 90
Chiffon	60, 70	Organdy	60, 70
Dresses	70, 80	Poplin	70, 80
Foundation		Shirts	70, 80
garment	70, 80	Suits	80, 90
Georgette	60, 70	Table-linen	90, 100

\*\* large number of stitches/cm, bobbin thread thicker than needle thread



**System 130/705 H SUK (Ball Point)**

**System 130/705 H SES (Ball Point)**

**2**

for knitted material as well as for foundation garments and curtain material

Needle size: 60–100

Packing up: in boxes of 5

Assorted: 70–90 (2/2/1)

**Needle size/Types**

Coarse knitted material	80, 90
Curtains	80, 90
Elastic material (jersey, Lycra)	80, 90 or 130/705 H-S 75, 90
Foundation garments	70, 80 or 130/705 H 70, 80
Helanca	70, 80
Jersey	70, 80 or 130/705 H-S 75, 90
Knitwear	70, 80, 90
Lycra	90 or 130/705 H-S 90



### System 130/705 H - S (Stretch)

3

for highly elastic synthetic knitwear  
such as lightweight or silk jerseys

Needle size: 75/90                      75  
Packing up: in boxes of 5            in boxes of 10

#### Needle size/Types

Coarse knitted material	75, 90
Curtains	75, 90
Elastic material (jersey, Lycra)	75, 90 or 130/705 H SES, SUK
Foundation garments	75, 90 or 130/705 H SES, SUK
Helanca	75, 90
Jersey	75 or 130/705 H 80 SES, SUK
Knitwear	75, 90
Lycra	75, 90 or 130/705 H SES, SUK



4

**System 130/705 H - LR (Leather)**

**System 130/705 H - LL (Leather)**

for leather (also suitable for artificial leather)

**Not suitable for textiles!**

Needle size: 80–100

Packing up: in boxes of 5

**Needle size/Types**

Artificial leather 80, 90 or 130/705 H-J 90, 110

Calf-leather 80, 90

Goatskin 80, 90

Leather

(heavy also

hard artificial

leather) 100

Pigskin 80, 90

Suede 80, 90



### System 130/705 H - J (Jeans)

**5**

for Denim (Jeans) and similarly densely woven materials, also for artificial leather, waxed cloth and vinyl

Needle size: 70–110 80  
 Packing up: in boxes of 5 in boxes of 10  
 Assorted: 90–110 (2/2/1)

Needle size/Types	Needle size
Artificial leather 90, 100	Corduroy 90, 100
<b>or</b>	Denim 90, 100
130/705 H-LR 80, 90*	Jeans 90, 100
Bed-spreads 90, 100	Overalls 100
Bonded fabrics	Sail-cloth 90, 100
(artificial leather, vinyl, waxed cloth) 90	Vinyl 90
Canvas 90, 100	Waxed cloth 90

\*(not suitable for textiles!)



### System 130/705 H - M (Microtex)

for silk and microfibre fabrics

6

Needle size: 60–90  
Packing up: in boxes of 5  
Assorted: 60–80 (2/2/1)

#### Needle size

Microfibre fabrics	60, 70, 80
Silk	70



### System 130/705 H - Q (Quilting)

for quilting and patchwork

7

Needle size: 75/90  
Packing up: in boxes of 5  
Assorted: 75/90 (3/2)

#### Needle size

Patchwork	75, 90
Quilting	75, 90



### System 130/705 H - E (Embroidery)

for embroidering, especially with  
metallic or decorative threads

8

Needle size: 75/90  
Packing up: in boxes of 5  
Assorted: 75/90 (3/2)

#### Needle size

Decorative  
threads 75, 90  
Embroidering 75, 90



### System 130/705 H Metafil

sew stitch with metallic threads

9

Needle size: 80

Packing up: in boxes of 5

Spec.

assorted: System 130/705 H

H-E 75 (2)

H 80 SUK (1)

H-E 90 (1)

H Metafil (1)

### System 130/705 H ZWI Metafil

Needle size: 80/2.5

90/3.0

Packing up: in boxes of 1



**System 130/705 H - N (Cordonnet)**

sew stitch with strong threads

**10**

Needle size: 80–110

Packing up: in boxes of 5

**Needle size**

Sew stitch  
with strong  
threads

90, 100, 110



### System 130/705 H WING (Hemstitch)

11

Needle size: 100/120  
Packing up: in boxes of 1

#### Needle size/Types

Cambric,  
heavy linen  
etc. 100, 120  
Turkish  
hemstitch  
(half-linen,  
linen fabrics) 100, 120



### System 130/705 H ZWIHO (Twin Hemstitch)

12

special effects for seam sew stitch

(only for zig-zag machines with transversal hook)

Needle size: 100

Packing up: in boxes of 1

#### Needle size/Types

Hemstitching  
(cambric,  
heavy linen  
etc.)

100



### System 130/705 H ZWI (Twin-needle)

**13**

for tuck-piping and one or two coloured ornamental seams (only for zig-zag machines with transversal hook)

Needle size	Distance in mm between needles
70	1.6
80	2.5
80	4.0
90	3.0
90	4.0
100	4.0
100	6.0
100	8.0

Packing up: in boxes of 1



**System 130/705 H-S ZWI  
(Stretch-Twin Needle)**

**14**

for elastic material (only for zig-zag machines with transversal hook)

Needle size	Distance in mm between needles
75	2.5
	4.0

Packing up: in boxes of 1



**System 130/705 H DRI (triple needle)**

**15**

triple ornamental seams (only for zig-zag machines with transversal hook)

Needle size	Distance in mm between needles
80	3.0

Packing up: in boxes of 1



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**BERNINA<sup>+</sup>**

Dealer stamp

[www.design-2000.ch](http://www.design-2000.ch)

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