

Industrial and Household Needles

Agujas Industriales y Domésticas



SINGER®

Singer Needles Sizes

Singer Needles are manufactured in Brazil with high technology to produce specific needles for actual current applications. The correct needles regarding size and point style result in better stitch formation.

Sizes

Most popular needles are available in Metric System "65 through 160" or Singer System "09 through 23 - from 0.65 mm diameter to 1.60 mm. Special needles are also available in other sizes. Ensure that you are using the correct size needle for your application and remember that the thread has to pass freely through the needles eye for better stitch formation.

Tamaños de las Agujas Singer

Las agujas Singer son fabricadas en Brasil con alta tecnología para producir la aguja específica para cada aplicación. El uso de las agujas correctas, en cuanto al tamaño y tipo de punta, resulta en una mejor puntada.

Tamaños

La mayoría de las agujas comunes están disponibles en el Sistema Métrico "65 hasta 160" o Sistema Singer "09 hasta 23 - de 0,65 mm de diámetros a 1,60 mm. Las Agujas Especiales también están disponibles en otros tamaños. Asegúrese que usted está utilizando la aguja de tamaño correcto y recuerda que el hilo tiene que atravesar el ojo de las agujas libremente para la ejecución de una buena puntada.

Industrial Needles - Equivalent Needle Sizes - Metric System and Singer STD
Agujas Industriales - Tamaños Equivalentes de Agujas - Sistema Métrico y Singer STD

Singer	09	10	11	12	14	16	18	19	20	21	22	23
Metric	65	70	75	80	90	100	110	120	125	130	140	160

Singer suggests the following needle sizes according to fabrics/ materials as a guide.

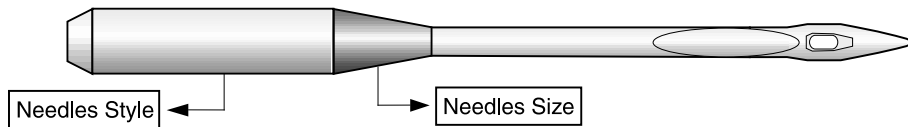
Denim & Heavy Canvas, at least size 110; Heavy Fabrics, size 100; Medium Fabrics, size 90; Light/Medium Fabrics, size 80; Light Fabrics, size 70/75; Fine Fabrics, size 70 and Very Fine Fabrics, size 65.

Sugerimos, como un guía práctico, el uso de los siguientes tamaños de agujas, según el tipo de tejido o material a ser utilizado.

Denim y Lona Pesada, por lo menos el tamaño 110; Tejido Pesado, tamaño 100; Tejido Ligero Pesado, tamaño 90; Tejido Ligero Mediano, tamaño 80; Tejido Ligero, tamaño 70/75; Tejido Delicado, tamaño 70 y Tejido muy Delicado, tamaño 65.

Singer Color Coded Needles - Household Needles

Código de Colores Singer - Agujas Domésticas



Needle Style	Needle Size	Application		
Model	Shank Color	Size	Shoulder Color	Application
2020	●	70/09	●	Very sheer fabrics.
		80/11	●	Light weight woven fabrics - chiffon, voile, lawn, taffeta and gingham.
		90/14	●	Medium Weight woven fabrics - linen, poplin, gabardine, terry, medium corduroy and velvet.
		100/16	●	Heavyweight woven fabrics - denim, duck, drapery, suiting, heavy corduroy, gabardine and linen.
		110/18	●	Extra heavy fabrics.
2026	●	90/14	●	Medium denim.
		100/16	●	Heavy denim.
2032	●	90/14	●	Medium leathers - fine lamb-skin, plastics and suede.
		100/16	●	Heavy weight leathers - calfskin, lamb-skin and heavy plastics.
2045	●	70/09	●	Very sheer knits.
		80/11	●	Light weight knits - jersey, lingerie, tricots and lightweight elastics.
		90/14	●	Medium weight knits - double knits, spandex, tricots and medium weight elastics.
		100/16	●	Heavy weight knits - double knits, velour, bulky knits and heavy weight elastics.
		110/18	●	Extra heavy knits.

Point Styles

Damaged needles, especially in light knitted fabrics such as Jersey and Polyesters can seriously degrade the stitch formation and damage the fibers of the fabric leading to problems such as 'Skip Stitch'. The correct point style is very important for good sewing performance. Singer manufactures the most common needle point styles - Round and Cutting Points - which are identified by "Point Code".

Tipos de Puntas

Las agujas dañadas, sobre todo en tejidos ligeros como el Jersey y el Poliéster pueden perjudicar seriamente la formación de la puntada y puede dañar también las fibras del tejido causando problemas como 'saltarse un punto'. El tipo de punta elegido correctamente es muy importante para una buena costura. Singer fabrica los tipos de puntas de agujas más comunes - los Puntas Redondas y Cortantes - y se identifican por "Código de Punta."

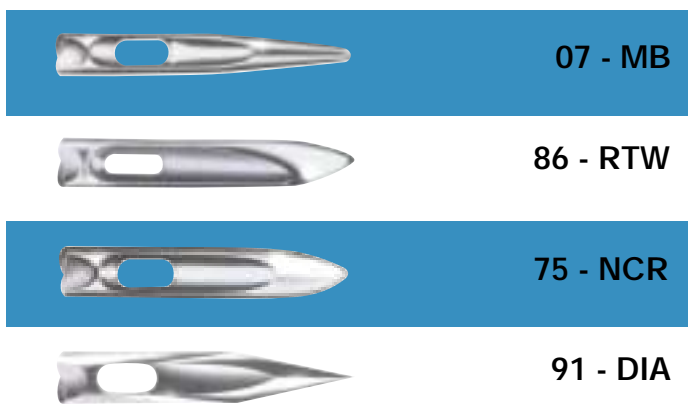
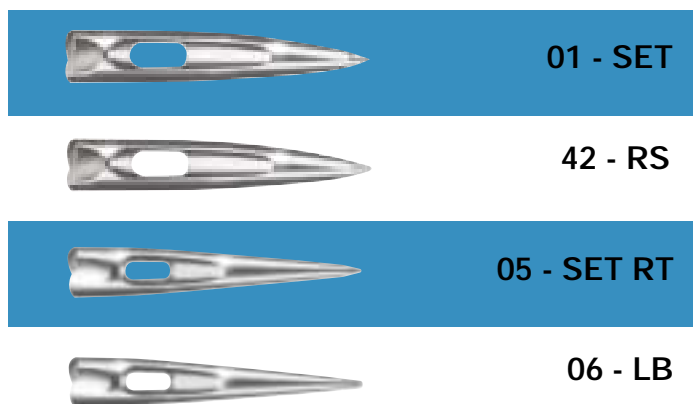
Point Code Código de Punta	Perforation Graphic Gráfico de Perforación	Designation Designación	Application Aplicación
01 - SET Set Round Point 42 - RS Round Sharp		SET; R Regular	Std needle point for most general applications, except knits fabric. <i>Las agujas de puntas comunes son utilizadas, generalmente, para la mayoría de las aplicaciones, excepto en tejidos de punto.</i>
05 - SET RT Set Rounded Point		SET RT; R-STU	Needle point for general applications. <i>Puntas de agujas para aplicaciones generales.</i>
06 - LB Light Ball Point		L Ball; BP; SES; SIN; FFG	Used generally in fine and medium size needles - 09 to 14 - to prevent skip stitch and fiber damage in light knitted fabrics. <i>Generalmente usadas en agujas finas y medianas - 09 a 14 - para prevenir saltarse algún punto y causar daño en la fibra de los tejidos ligeros.</i>
07 - MB Medium Ball Point		M Ball; SULK; SI; FG	Used in medium size needles - 14 to 18 - and medium weight knitted fabrics to prevent fiber damage. <i>Usadas en agujas de tamaño mediano - 14 a 18 - para prevenir causar daño a la fibra de los tejidos ligeros medianos.</i>
75 - N CR Narrow Twist Point		N CR; S; SS	Used in the sewing of Leather, PVC or plastics. The 'cutting point' needle penetrates the work, making a small incision through which the thread can pass freely in the sew. Some points are angled to allow decorative stitching of the work piece. <i>Usadas en la costura de Cuero, PVC o Plásticos. La aguja de 'punta cortante' cuando penetra en el material, hace una pequeña incisión en la cual el hilo puede pasar libremente por la costura. Algunas puntas tienen ángulos que permiten una costura decorativa en el material utilizado.</i>
86 - R TW Reverse Twist Point		R TW; LR	
91 - DIA Diamond Point		DIA; DI	

Always use the correct needle size and point style for your job. If you are unsure, please contact us.

- *Needles system / Model - define the correct needle for each machine, however it is also mandatory that end-user chooses specification size and point style according to application.*
- *Change your needle regularly, the point and the blade can be easily damaged, especially in difficult applications.*

Utilice siempre el tamaño de aguja y el tipo de punta correctos en su trabajo. Si usted tiene alguna duda, por favor entre en contacto con nosotros..

- *Sistema de Agujas - Modelo - define las agujas correctas para conectar a cada máquina, sin embargo, también es importante que el usuario elija el tamaño y la punta de la aguja específicos, de acuerdo con la aplicación.*
- *Cambie su aguja regularmente, la punta y el filo pueden dañarse fácilmente, sobre todo en las aplicaciones difíciles.*

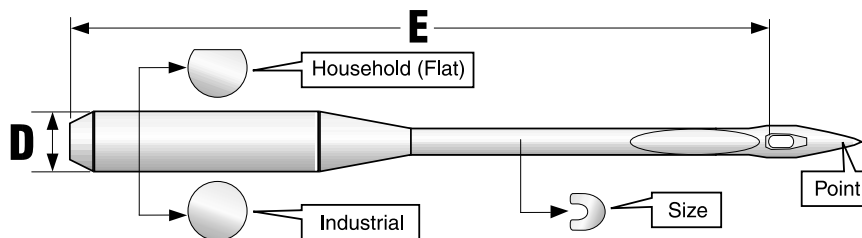


Singer Needles - Model & System

Singer manufactures Household and Industrial needles for most brands of sewing machines. The needles follow standard specifications related to their connection dimensions, Shank Diameter (D) and Distance Between Butt Shank and Eye Position (E), and other design features such as grooves, besides sizes and point styles.

Agujas Singer - Modelo y Sistema

Singer fabrica Agujas Domésticas y Industriales para la mayoría de las marcas de máquinas de coser. Las agujas tienen especificaciones comunes relacionadas con sus medidas de conexión, Diámetro del Cuerpo de la Aguja (D) y Distancia del Extremo Superior al Ojo de la Aguja (E), y otras características de diseño como las ranuras, además de los tamaños y tipos de puntas.



Singer Model System	Point Code	E	D	Sizes	Application
Household Needles					
2020 15x1RS; HAx1; 130/705 H	42	33.90	2.04 Flat	09; 11; 14; 16; 18; 21	Domestic - General all Fabrics.
2022 EL 705	42	33.90	2.04 Flat	11; 14; 16	Domestic Overlock 14SH.
2026 130/705 H-S	42	33.90	2.04 Flat	14; 16	Domestic- Needles for Jeans/Denim.
2024 - Twin - 4 mm 2025 - Twin - 3 mm 2028 - Twin - 2 mm	42	33.90	2.04 Flat	11; 14 11; 14 14	Domestic - Twin needles for decorative stitching.
2032 15x2 RTW; 130/705 H-LL	86	33.90	2.04 Flat	14; 16	Domestic - special for leathers & Canvas.
2045 15x1BP; 130/705 H-S	06	33.90	2.04 Flat	09; 11; 14; 16; 18	Domestic - special for Knits fabrics.
2054 16x75	06; 42	33.90	1.63 Flat	10; 11; 12; 14; 16	Domestic Overlock - 14U.
Industrial Needles					
1515 16x231; DBx1; 1738; 287WH	01; 05; 06; 07	33.90	1.63	09; 10; 11; 12; 14; 16; 18; 19; 20; 21; 22	Industrial - General and Embroidery.
1910 135x9; CPx1; 134K; 797KH	01; 05	33.90	2.00	09; 10; 11; 12; 14; 16; 18; 19; 20; 21; 22	Industrial - short point Embroidery.
1955 135x5; DPx5; 134R	01; 05; 06; 07	33.90	2.00	09; 10; 11; 12; 14; 16; 18; 19; 20; 21; 22; 23; 24	Industrial - General and two needles.
2053 16x71; JLx1B; JLx1	06; 42	33.90	1.63	10; 12; 14; 16	Industrial Overlock.
3355 135x17; DPx17	01; 06	38.90	2.00	10; 11; 12; 14; 16; 18 19; 20; 21; 22	Industrial - short point General.
3651 UY128GAS; TVx3	01; 05; 06; 07	38.90	2.00	09; 10; 11; 12; 14; 16; 18; 19; 20; 21; 22; 23; 24	Industrial - General and two needles.
6120 B27; DCx27	01; 05; 06; 07	28.60	2.02	09; 10; 11; 12; 14; 16; 18; 19; 20; 21; 22; 23; 24	Industrial - for most Overlock S/M.
6759 134KKS; 134KKLR; 134KKDI	75; 86; 91	33.90	2.00	10; 11; 12; 14; 16; 18; 19; 18; 19; 20; 21; 22; 23; 24	Industrial - Cutting Points, for leathers.
7380 B63; DV63	01; 06	38.90	2.00	10; 11; 12; 14; 16	Industrial - short point General.

"T" Shape Shank: Pressed Shank

The new Singer Household was registered by Singer and named "Household Needle With T Shape Shank". This needle has exclusive shape at the beginning of the shank on the butt area, to assure the one-way insertion function (GO-NO-GO function) for all brands of sewing machines.

- T Shape Singer needle requires no further adjustments when replacing any other needles.

T Shape Pressed Shank
*Aguja en forma de "T"
Prensadas*



Aguja en forma de "T": Agujas Prensadas

Las nuevas Aguja Domésticas Singer fueron registradas por Singer y nombradas "Aguja Doméstica en forma de T". Esta aguja tiene una forma exclusiva en el extremo, para asegurar la inserción en un único movimiento (función GO-NO-GO) para todas las marcas de máquinas de coser.

- La aguja en forma de T no requiere ningún ajuste especial al reemplazar cualquier otra aguja.



Delta U: Pressed Blade Process

Singer needles are manufactured according to flow press technique patented by Singer, to assure higher flexibility standards and grooves and eye area with better finished rounded edges in comparison to conventional needles.

- Higher Bending Stiffness reduces deflection, and this avoids needle breakage and skipped stitches.
- Rounded Edges result in protected thread and fabric fibres.

Delta U Blade Pressed
*Proceso Delta U de
Agujas Prensadas*



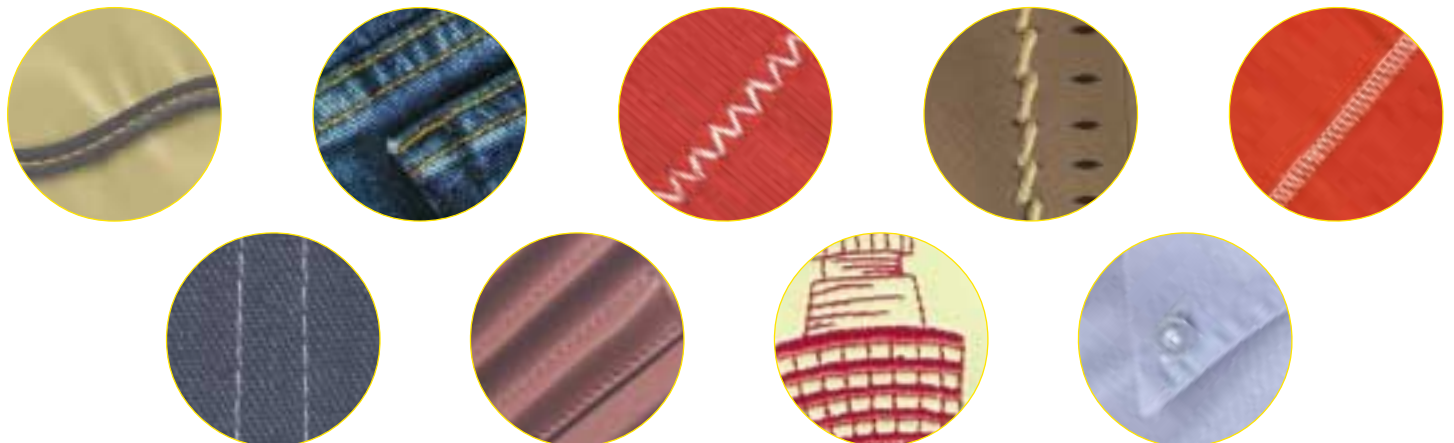
DELTA U: Proceso de Aguja Prensadas

Las agujas Delta U son fabricadas con una nueva técnica creada por Singer, que en comparación con las agujas convencionales, asegura una mayor flexibilidad debido a la profundidad de la ranura y ojo con bordes redondeados.

- Posee mayor resistencia a la curvatura, reduce la flexibilidad, evitando la rotura de la aguja y saltarse puntadas.
- Los bordes redondeados protegen el hilo y las fibras del tejido.



Applications



Aplicaciones

Industrial Needles Items List

Agujas Industriales Lista de Items

Point Code (YY): (01) Set Round Point; (05) Set Rounded Point; (06) Light Ball; (07) Medium Ball; (42) Round Sharp; (75) Narrow Cross; (86) Reverse Twist; (91) Diamond

Model	Item	Packing
<u>1515</u> YY - 01; 05; 06; 07 XX - Sizes: 09; 10; 11; 12; 14; 16; 18; 19; 20; 21; 22	1515YYXE10S 1515YYXBXZ03 1515YYXXC100	Sachet with 10 units Point YY size XX Blister Accessories with 03 units Point YY size XX Plastic Box with 100 units Point YY size XX
<u>1910</u> YY - 01; 05 XX - Sizes: 09; 10; 11; 12; 14; 16; 18; 19; 20; 21; 22	1910YYXE10S 1910YYXBXZ03 1910YYXXC100	Sachet with 10 units Point YY size XX Blister Accessories with 03 units Point YY size XX Plastic Box with 100 units Point YY size XX
<u>1955</u> YY - 01; 05; 06; 07 XX - Sizes: 09; 10; 11; 12; 14; 16; 18; 19; 20; 21; 22; 23; 24	1955YYXE10S 1955YYXBXZ03 1955YYXXC100	Sachet with 10 units Point YY size XX Blister Accessories with 03 units Point YY size XX Plastic Box with 100 units Point YY size XX
<u>2053</u> YY - 06 ; 42 XX - Sizes: 10; 12; 14; 16	2053YYXE10S 2053YYXBXZ03 2053YYXXC100	Sachet with 10 units Point YY size XX Blister Accessories with 03 units Point YY size XX Plastic Box with 100 units Point YY size XX
<u>3355</u> YY - 01; 06 XX - Sizes: 10; 11; 12; 14; 16; 18; 19; 20; 21; 22	3355YYXE10S 3355YYXBXZ03 3355YYXXC100	Sachet with 10 units Point YY size XX Blister Accessories with 03 units Point YY size XX Plastic Box with 100 units Point YY size XX
<u>3651</u> YY - 01; 05; 06; 07 XX - Sizes: 09; 10; 11; 12; 14; 16; 18; 19; 20; 21; 22	3651YYXE10S 3651YYXBXZ03 3651YYXXC100	Sachet with 10 units Point YY size XX Blister Accessories with 03 units Point YY size XX Plastic Box with 100 units Point YY size XX
<u>6120</u> YY - 01; 05; 06; 07 XX - Sizes: 09; 10; 11; 12; 14; 16; 18; 19; 20; 21; 22	6120YYXE10S 6120YYXBXZ03 6120YYXXC100	Sachet with 10 units Point YY size XX Blister Accessories with 03 units Point YY size XX Plastic Box with 100 units Point YY size XX
<u>6759</u> YY - 75; 86; 91 XX - Sizes: 09; 10; 11; 12; 14; 16; 18; 19; 20; 21; 22; 23; 24	6759XXYYE10S 6759YYXBXZ03 6759XXYYC100	Sachet with 10 units Point YY size XX Blister Accessories with 03 units Point YY size XX Plastic Box with 100 units Point YY size XX
<u>7380</u> YY - 01; 06 XX - Sizes: 10; 11; 12; 14; 16	7380YYXE10S 7380YYXBXZ03 7380YYXXC100	Sachet with 10 units Point YY size XX Blister Accessories with 03 units Point YY size XX Plastic Box with 100 units Point YY size XX

Plastic Box



Master Box

Sachet

Accessories

SINGER®

Household Needles Items List

Agujas Domésticas Lista de Items

Point Code (YY): (01) Set Round Point; (05) Set Rounded Point; (06) Light Ball; (07) Medium Ball; (42) Round Sharp; (75) Narrow Cross; (86) Reverse Twist; (91) Diamond

Model	Item	Packing
<u>2020</u> RS - Round Sharp Point XX - Sizes: 09; 11; 14; 16; 18; 21	2020XXE03 2020XXE10S 2020XXB 202009B05800 202011B05801 202014B05804 202016B05806 202018B05808 202021B05821 2020B05AS822 2020B10AS823 2020XC100	Envelope with 03units sizes XX Sachet with 10 units sizes XX Red Blister with 05 units sizes XX Yellow Blister with 05 units size 09 Yellow Blister with 05 units size 11 Yellow Blister with 05 units size 14 Yellow Blister with 05 units size 16 Yellow Blister with 05 units size 18 Yellow Blister with 05 units size 21 Yellow Blister with 05 units Assorted - 11; 14; 16 Yellow Blister with 10 units Assorted - 09; 11; 14; 16 Plastic Box with 100 units size XX
<u>2022</u> RS - Round Sharp Point XX - Sizes: 11; 14; 16	2022XXE10S 2022XC100 2022XXBZ02	Sachet with 10 units sizes XX Plastic Box with 100 units size XX Blister Accessories with 02 units size XX
<u>2026</u> RS - Round Sharp Point XX - Sizes: 14; 16	2026XXE10S 2026B05AS826	Sachet with 10 units sizes XX Yellow Blister with 05 units Assorted - 14; 16
<u>2032</u> R TW - 86 - Reverse Twist XX - Sizes: 14; 16	2032XXE10S 2032B05AS832	Sachet with 10 units sizes XX Yellow Blister with 05 units Assorted - 14; 16
<u>2045</u> Light Ball Point XX - Sizes: 09; 11; 14; 16; 18	2045XXB 2045XXB05AS 2045XXE10S 204511B05841 204514B05844 204516B05845 2045B05AS846 2045B05AS847 2045B05AS848 2045XC100	Red Blister with 05 units sizes XX Red Blister with 05 units Assorted - 11; 14; 16 Sachet with 10 units sizes XX Yellow Blister with 05 units size 11 Yellow Blister with 05 units size 14 Yellow Blister with 05 units size 16 Yellow Blister with 05 units Assorted - 09; 11; 14 Yellow Blister with 05 units Assorted - 09; 11 Yellow Blister with 05 units Assorted - 11; 14; 16 Plastic Box with 100 units size XX
<u>2054 - Overlock</u> YY - 06; 42 XX - Sizes: 10; 11; 12; 14; 16	2054YYXE10S 2054B05AS854 2054YYXC100	Sachet with 10 units Point YY sizes XX Yellow Blister with 05 units Assorted - 10; 14 Plastic Box with 100 units Point YY size XX
<u>2024 (4mm)</u> XX - Sizes: 11; 14	2024XXE05 202414B01824 2024XC40	Plastic Bag with 05 units size XX Yellow Blister with 01 units size 14 Plastic Box with 40 units size XX
<u>2025 (3mm)</u> XX - Sizes: 11; 14	2025XXE05 202514B02825 2025XC50	Plastic Bag with 05 units size XX Yellow Blister with 02 units size 14 Plastic Box with 50 units size XX
<u>2028 (2mm)</u> XX - Size 14	202814E05 202814C50	Plastic Bag with 05 units size 14 Plastic Box with 50 units size 14



Yellow Blister

Accessories

Red Blister

Sachet

Plastic Bag

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