

*Aerial*<sup>TM</sup>

Quick  
Reference Guide

Guide de référence rapide

Model BLAE



**FOR THE LOVE OF SEWING**

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Refer to the instruction and reference guide for detailed instruction.  
 Also, there are differences in the keys and screens depending on the display language. In this guide, English screens are used for basic explanations.

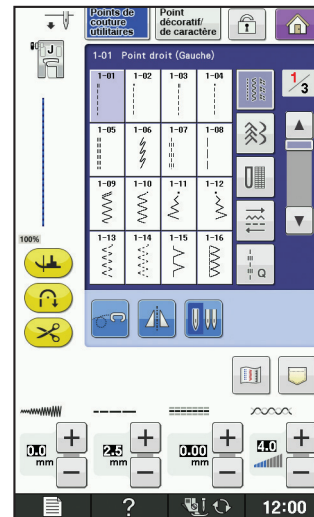
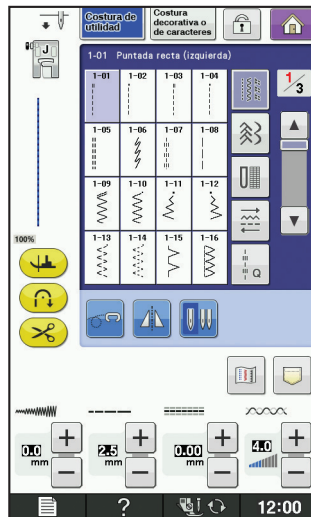
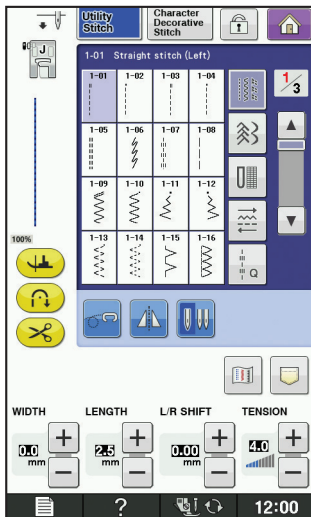
Para obtener instrucciones más detalladas, consulte el Manual de instrucciones.  
 Además, dependiendo del idioma visualizado algunos botones y pantallas podrán ser diferentes. En esta guía, para las explicaciones básicas se emplean pantallas en inglés.

Pour des instructions détaillées, reportez-vous au manuel d'instructions.  
 Par ailleurs, il y a des différences dans les touches et les écrans en fonction de la langue d'affichage.  
 Dans ce guide, les explications de base utilisent les écrans anglais.

<English display>  
 <Visualización en inglés>  
 <Affichage en anglais>

<Example: Spanish>  
 <Ejemplo: Español>  
 <Exemple : espagnol>

<Example: French>  
 <Ejemplo: Français>  
 <Exemple : français>



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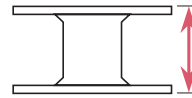
# Winding the Bobbin

## Devanado de la bobina

## Bobinage de la canette

Follow the numbered steps below in order. Refer to the instruction and reference guide for detailed instruction.  
 Realice los siguientes pasos numerados en el orden indicado. Para obtener instrucciones más detalladas, consulte el Manual de instrucciones.  
 Suivez les étapes numérotées ci-dessous dans l'ordre. Pour des instructions détaillées, reportez-vous au manuel d'instructions.

Use only the enclosed bobbin or bobbins of the same type.  
 Utilice sólo la bobina incluida o bobinas del mismo tipo.  
 N'utilisez que la canette fournie ou des canettes du même type.



11.5 mm (approx. 7/16 inch)  
 (aprox. 7/16 pulg.)  
 (env. 7/16 po)

### ◆ Using the Supplemental Spool Pin

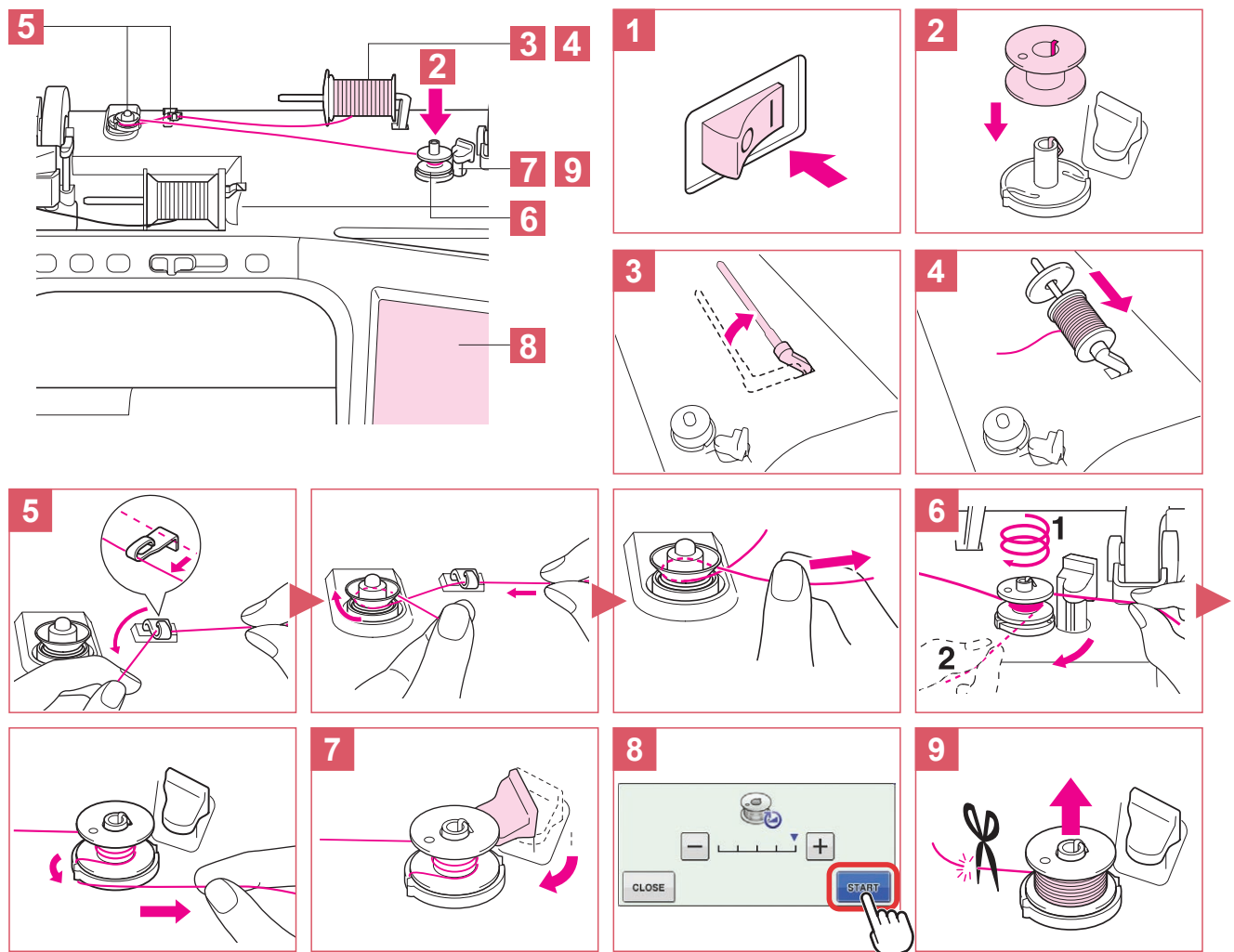
You can wind the bobbin during sewing.

### ◆ Uso del portacarrete suplementario

Puede devanar la bobina mientras está cosiendo.

### ◆ Utilisation du porte-bobine supplémentaire

Vous pouvez bobiner la canette pendant la couture.



### ◆ Using the Spool Pin

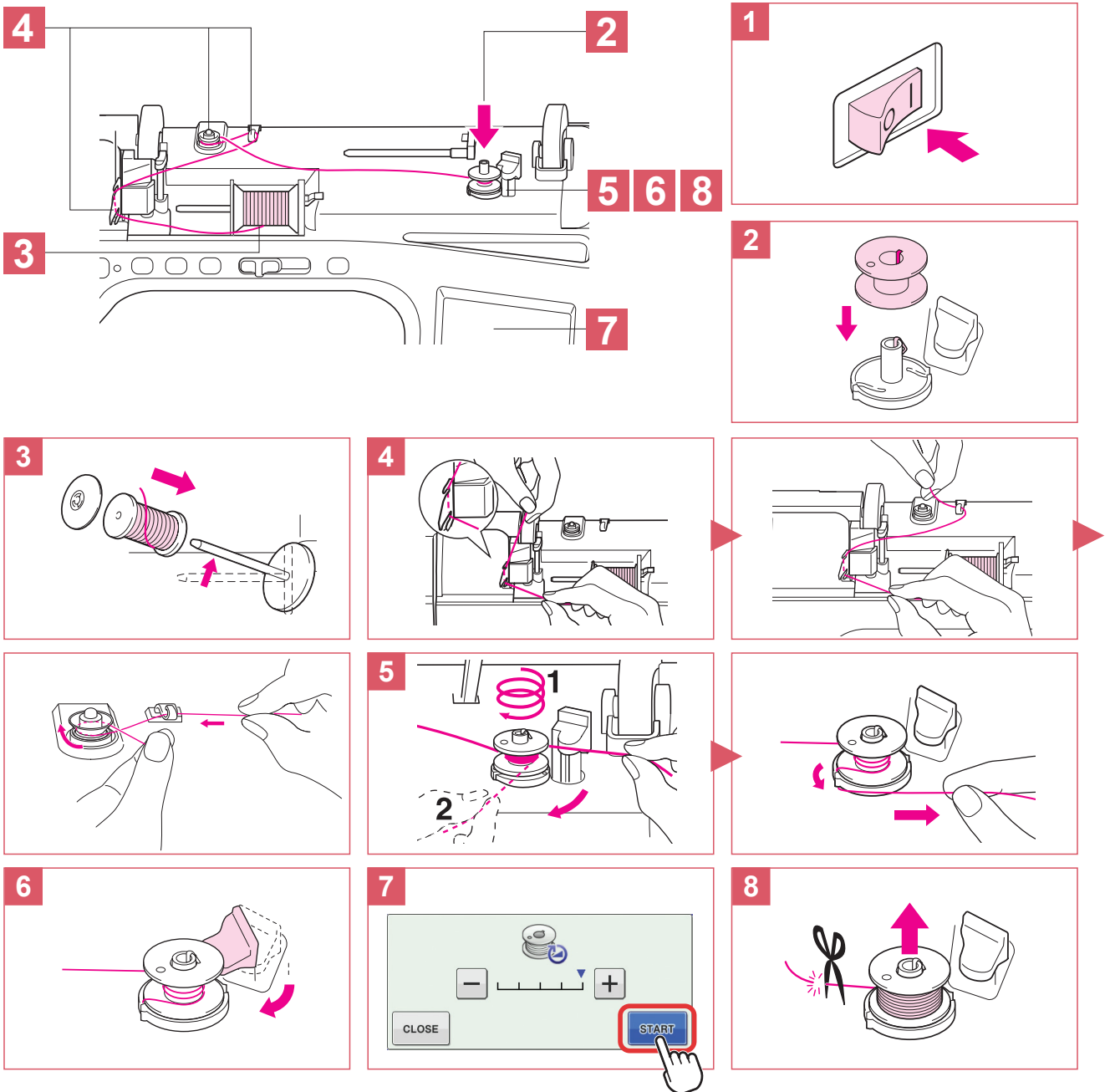
You can use the main spool pin to wind the bobbin before sewing.

### ◆ Uso del portacarrete

Puede utilizar el portacarrete principal para devanar la bobina antes de coser.

### ◆ Utilisation du porte-bobine

Vous pouvez bobiner la canette avant de coudre à l'aide du porte-bobine principal.

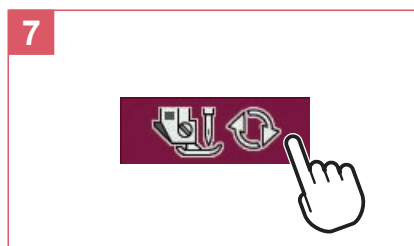
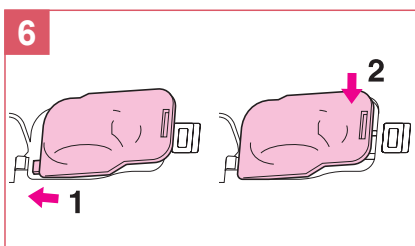
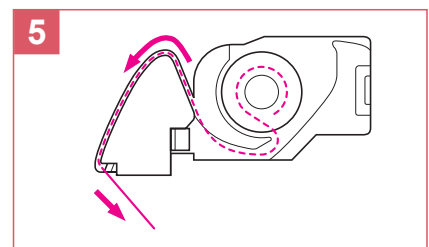
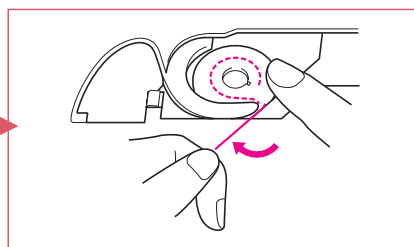
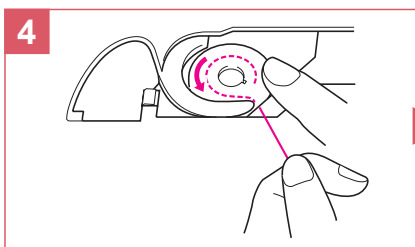
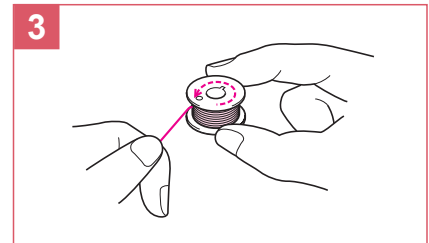
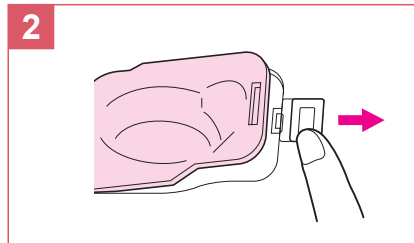
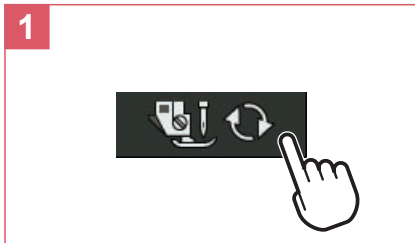


# Setting the Bobbin

## Colocación de la bobina

### Mise en place de la canette

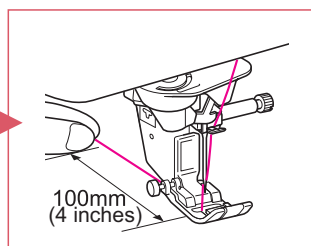
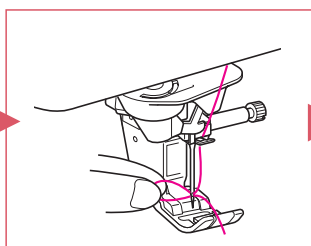
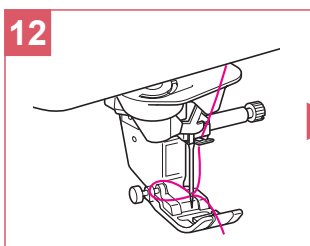
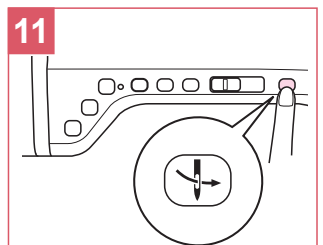
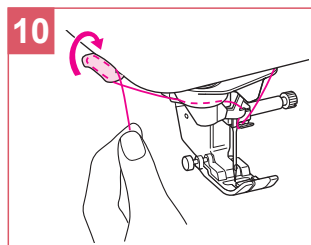
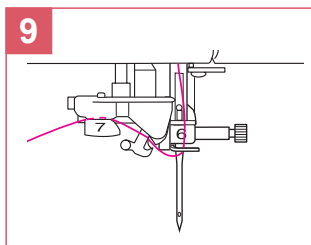
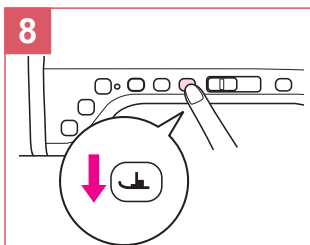
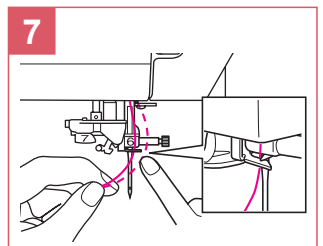
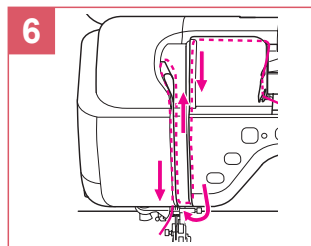
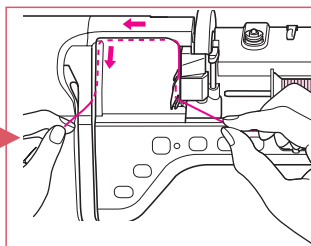
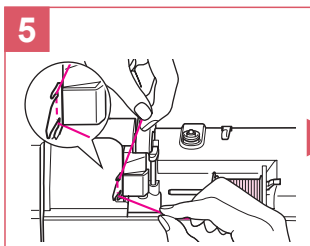
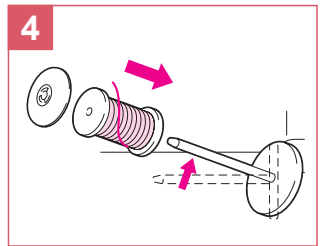
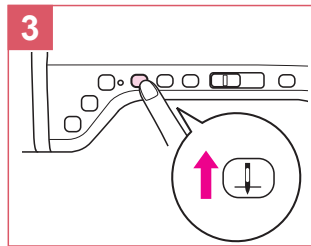
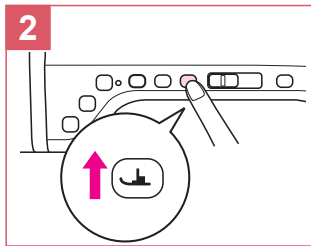
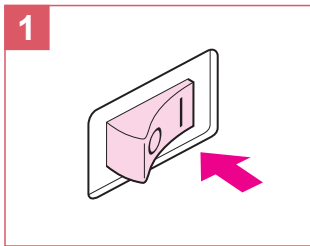
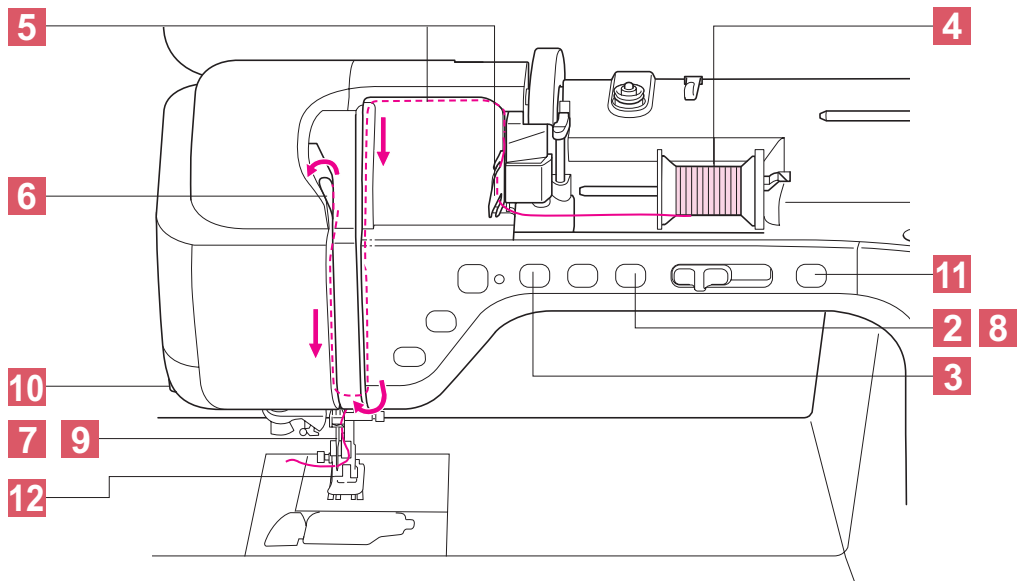
Refer to the instruction and reference guide for detailed instruction.  
Para obtener instrucciones más detalladas, consulte el Manual de instrucciones.  
Pour des instructions détaillées, reportez-vous au manuel d'instructions.



# Upper Threading

## Hilo superior

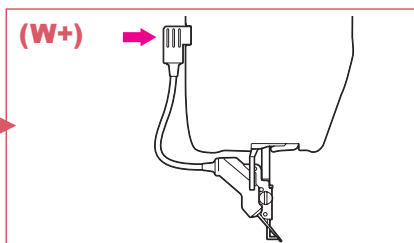
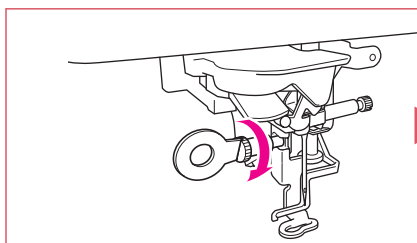
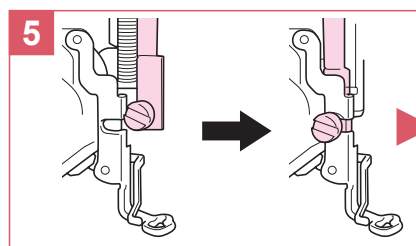
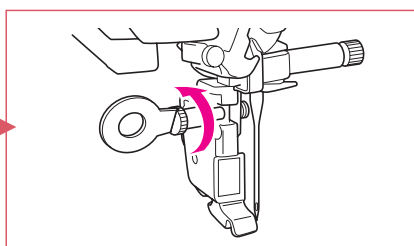
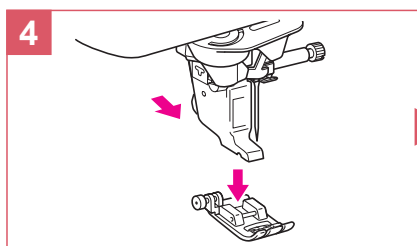
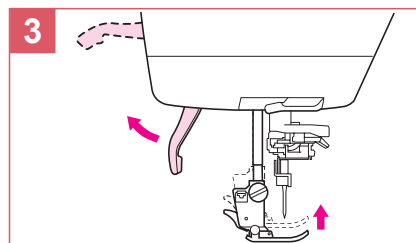
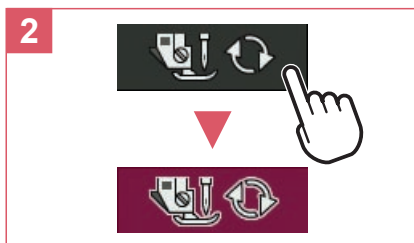
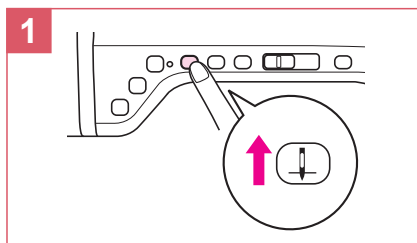
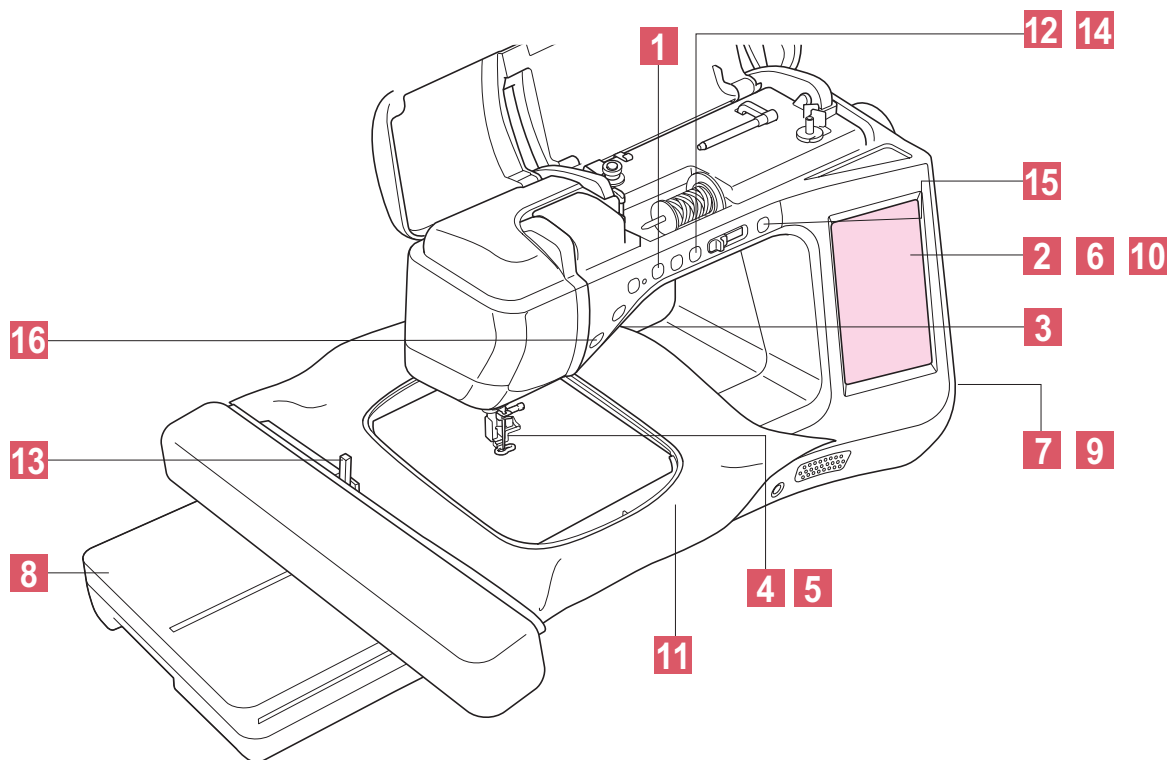
## Enfilage supérieur



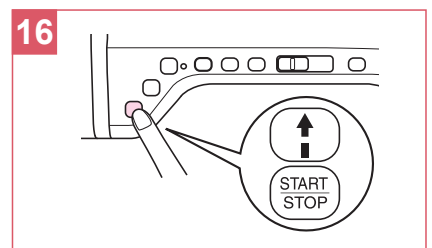
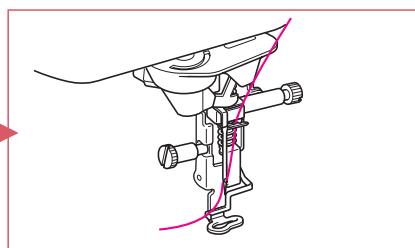
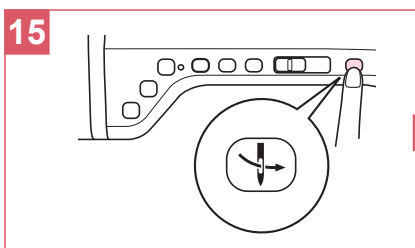
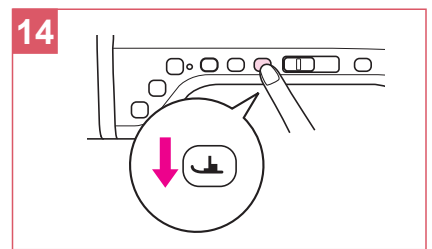
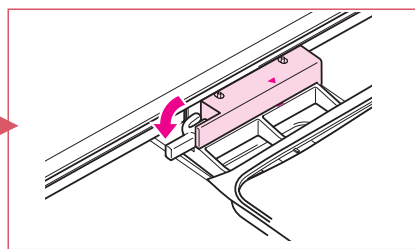
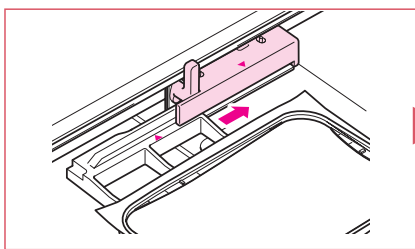
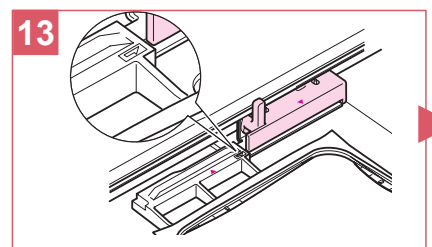
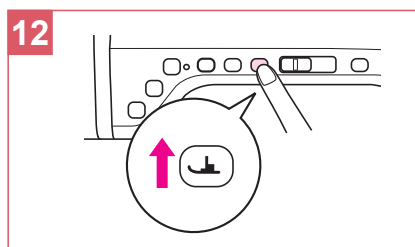
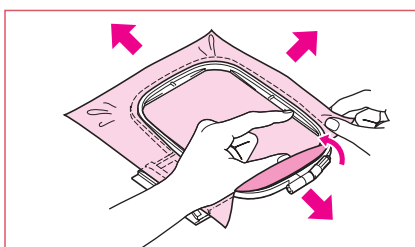
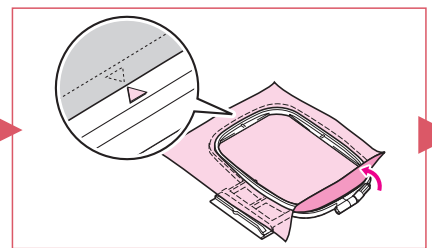
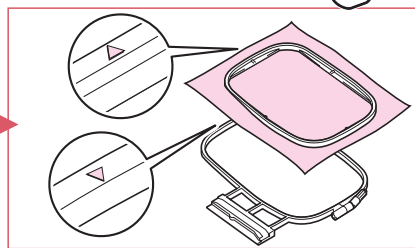
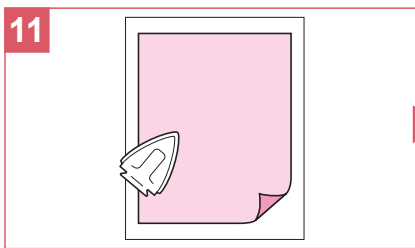
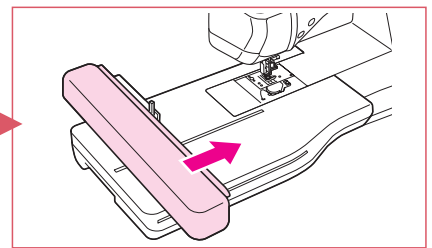
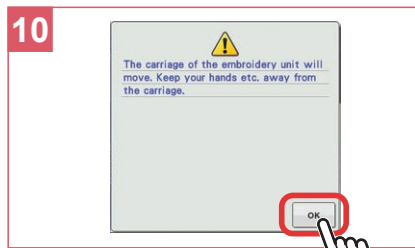
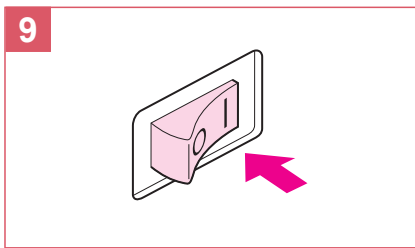
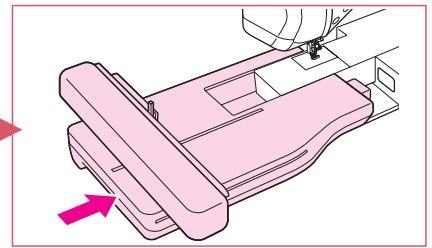
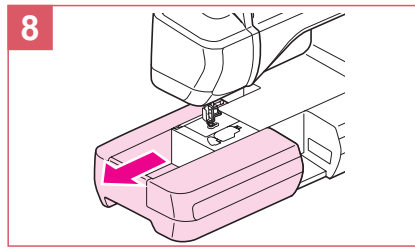
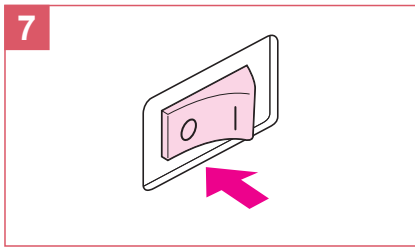
# Preparing to Embroider

## Preparativos para bordar

## Préparation de la broderie







# Selecting Stitch Patterns

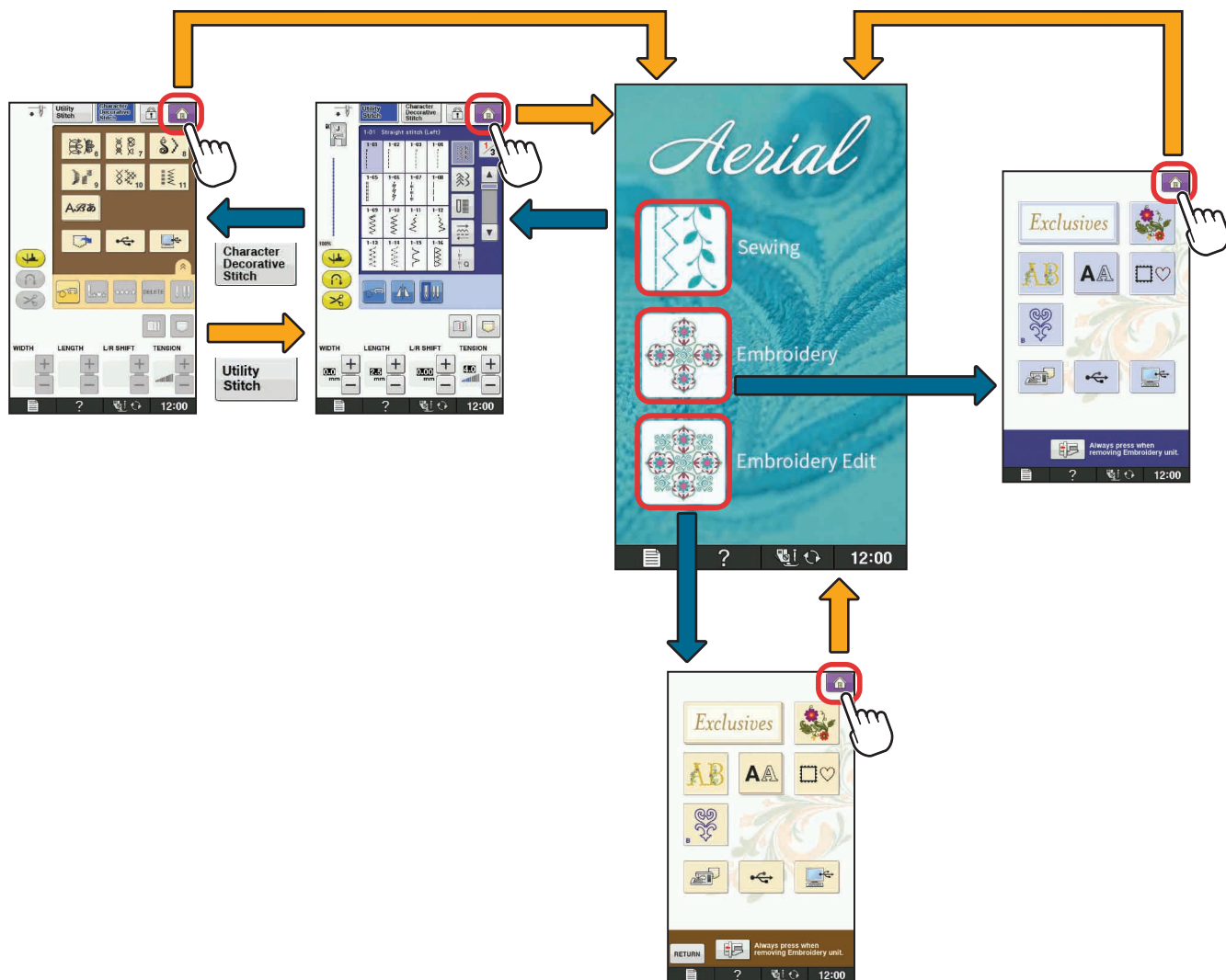
## Selección de tipos de puntada

## Sélection des configurations de point


### ◆ LCD Flow Chart

### ◆ Diagrama de flujo del LCD


### ◆ Organigramme de l'écran à cristaux liquides




### ◆ Utility Stitches

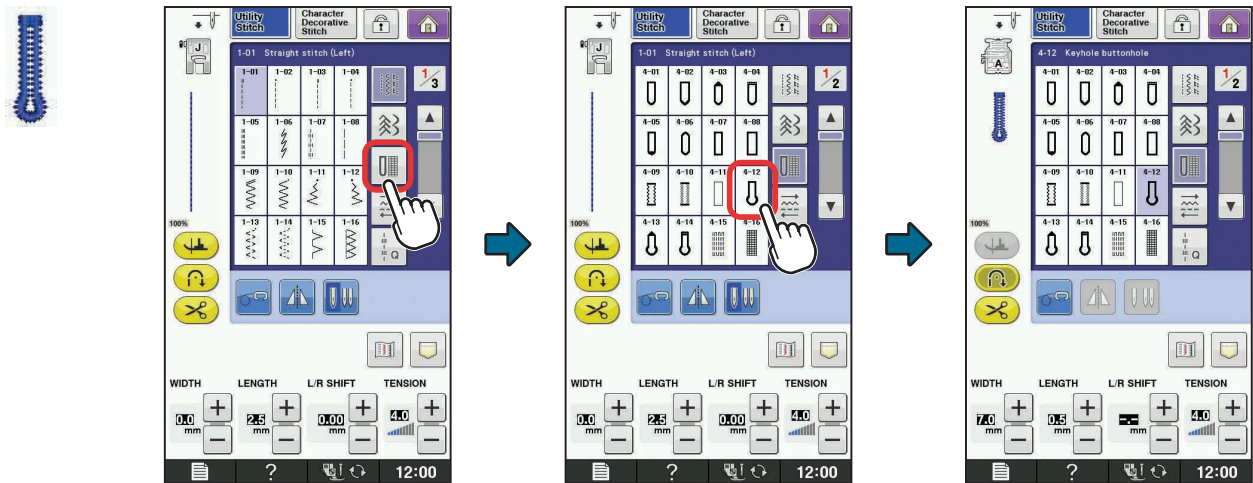
When the machine is turned on, the opening movie is played. Touch the screen to display the home screen. Press  to display the Utility Stitch. Either “1-01 Straight stitch (Left)” or “1-03 Straight stitch (Middle)” is selected, depending on the setting selected in the settings screen.

### ◆ Puntadas utiles

Cuando se activa la máquina, se reproduce el vídeo de presentación. Toque la pantalla para visualizar la pantalla inicial. Pulse  para visualizar la pantalla de puntada con aplicaciones. Se seleccionará la “Puntada recta 1-01 (izquierda)” o la “Puntada recta 1-03 (medio)”, según el ajuste seleccionado en la pantalla de ajustes.

### ◆ Points utilitaires

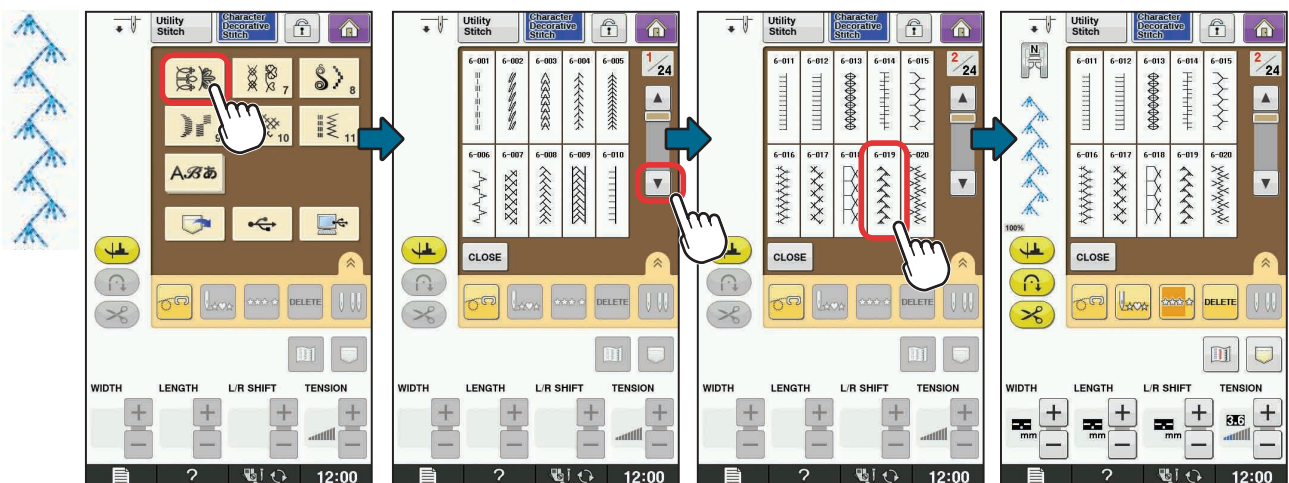
Quand la machine est mise sous tension, la vidéo de démarrage commence. Touchez l'écran pour afficher la page d'accueil. Appuyez sur  pour afficher le Point utilitaire. Soit « 1-01 Point droit (Gauche) », soit « 1-03 Point droit (Milieu) » est sélectionné, selon le réglage sélectionné sur l'écran de réglage.



### ◆ Character/Decorative Stitches

### ◆ Puntadas de letras/decorativas

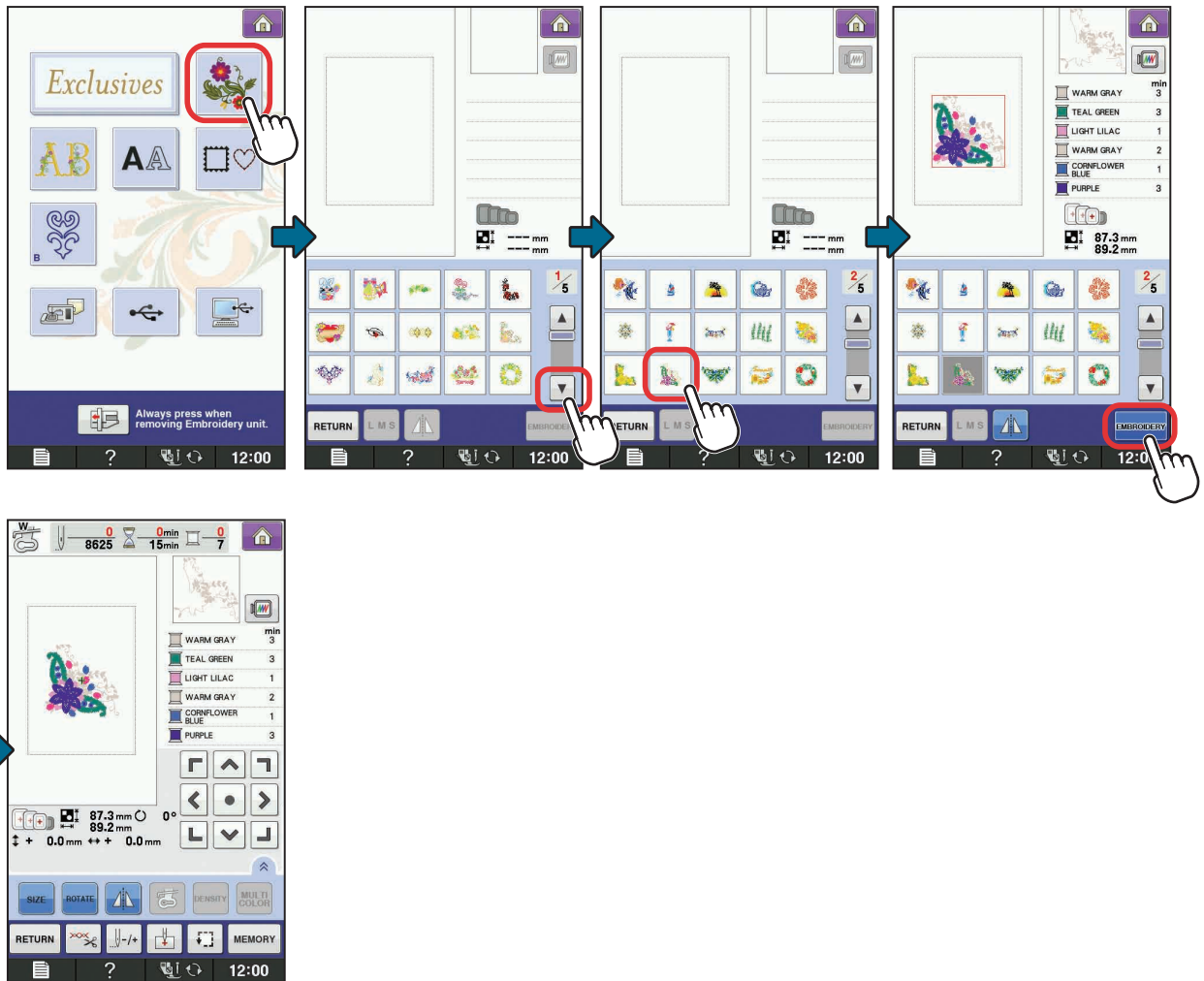
### ◆ Caractères/points décoratifs



◆ Embroidery Patterns

◆ Patrones de bordado

◆ Motifs de broderie



- ◆ Embroidery Edit Patterns
- ◆ Patrones de edición de bordado
- ◆ Motifs de modification de broderie



The sequence of screenshots illustrates the following steps:

1. Selecting a pattern from the 'Exclusives' menu.
2. Choosing a specific pattern from a grid.
3. Confirming the selection with the 'SET' button.
4. Adding the pattern to the current design with the 'ADD' button.
5. Editing the text of the pattern to 'FLOWER' using the 'Exclusive Script' menu.
6. Selecting the letter 'F' from the on-screen keyboard.
7. Confirming the text change with the 'L M S' button.
8. Adjusting the pattern's size and density.
9. Confirming the adjustments with the 'SET' button.
10. Starting the embroidery process with the 'EMBROIDERY' button.
11. The final embroidery result showing the word 'FLOWER' on the fabric.
12. The final embroidery result with the word 'FLOWER' on the fabric.

- ◆ Settings
- ◆ Ajustes
- ◆ Réglages



The sequence of settings screens is as follows:

- Width Control**: Includes Fine Adjust Verti., Fine Adjust Horiz., Presser Foot Height (7.5 mm), Presser Foot Pressure, and Dual Feed Adjustment.
- Initial Position**: Includes Initial Position, Initial Stitch Page, Multi Function Foot Controller (Needle Position UP/DOWN, Thread Cutting), and Automatic Presser Foot Lift (Auto Down, Auto Up, Press to Trim).
- Pivoting Height**: Includes Pivoting Height (5.2 mm), Free Motion Foot Height (1.0 mm), Automatic Fabric Sensor System, Reinforcement Priority, and Automatic Presser Foot Lift.
- Needle Position**: Includes Needle Position - UP/DOWN, Needle Position - Stitch Placement, Mouse Pointer, Upper and Bobbin Thread Sensor, and Machine Speaker Volume.
- Eco Mode**: Includes Eco Mode, Shutoff Support Mode, Opening Screen, and Language (English).
- Light**: Includes Light and Screen Display Brightness.
- CERTIFICATION**: Includes a message about upgrade kits, a CERTIFICATION key, and SCS information.
- Embroidery Frame Display**: Includes Embroidery Frame Display (18 cm x 13 cm), thread selection (#123 ABC, #123 Madeira Poly), Max Embroidery Speed (1050 spm), Embroidery Tension, and Embroidery Foot Height (1.5 mm).
- Initial Mode**: Includes Initial Mode, Embroidery Background Color, Thumbnail Background Color, and Thumbnail Size.
- Embroidery Basting Distance**: Includes Embroidery Basting Distance (5.0 mm) and Embroidery Foot with LED Pointer Adjustment.

# Summary of Stitch Patterns

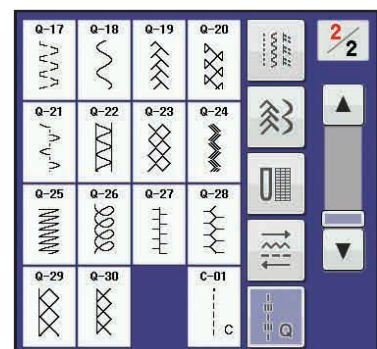
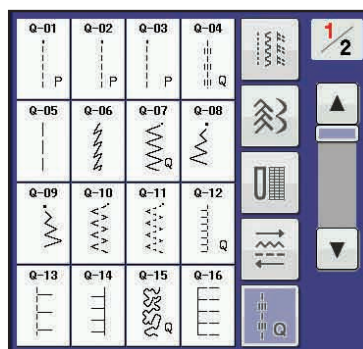
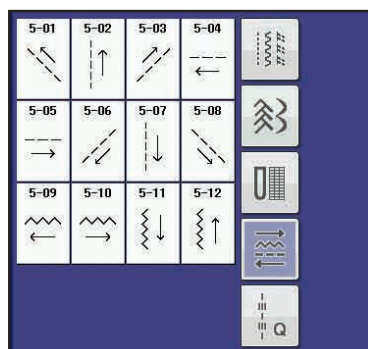
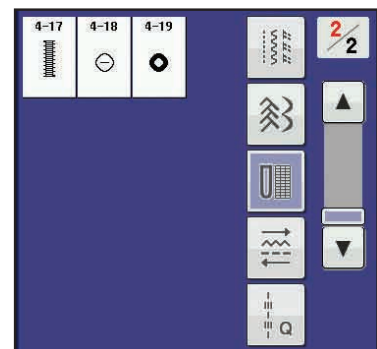
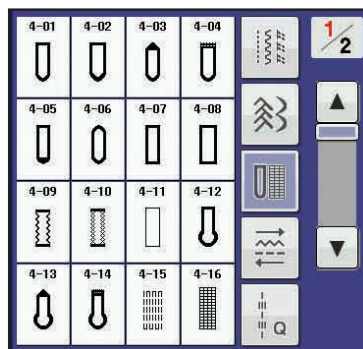
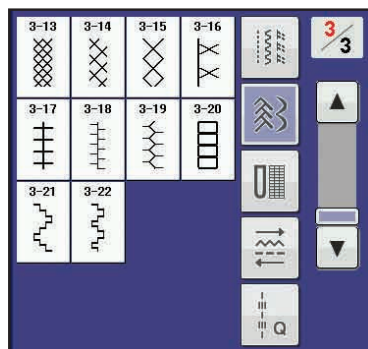
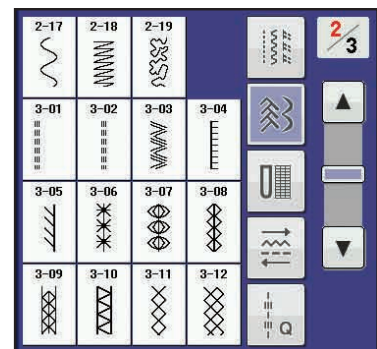
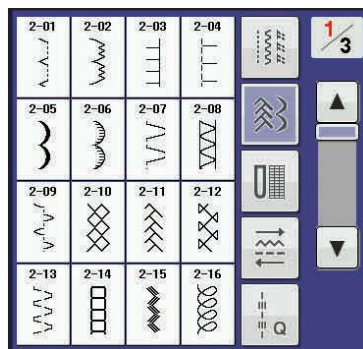
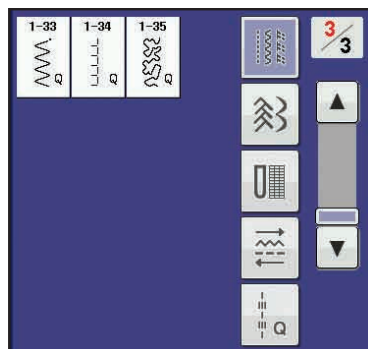
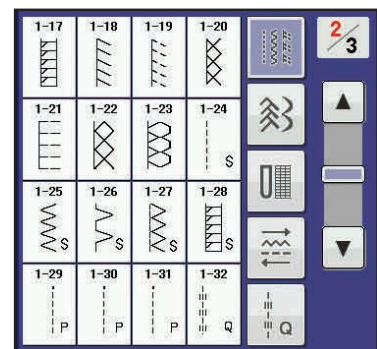
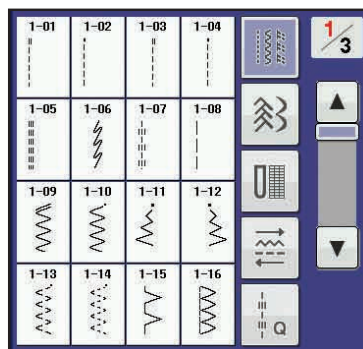
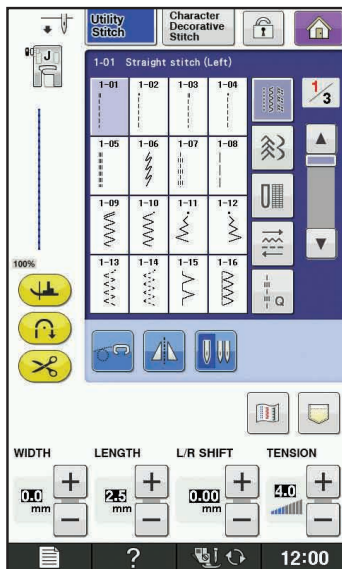
## Resumen de tipos de puntada

## Sommaire des motifs de point

### ◆ Utility Stitches

### ◆ Puntadas utiles

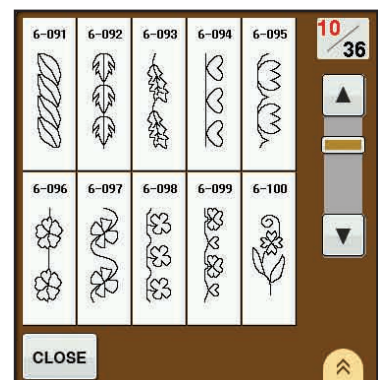
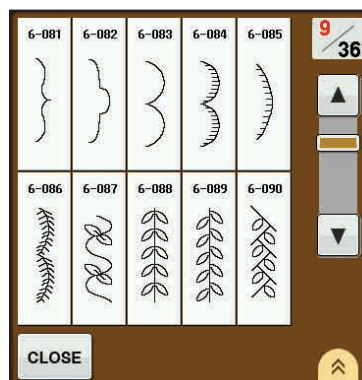
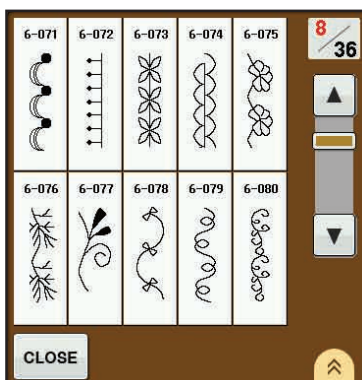
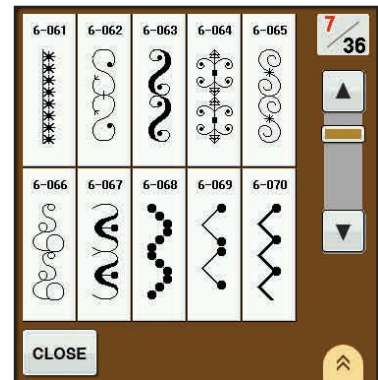
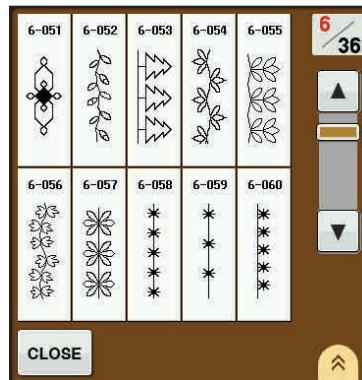
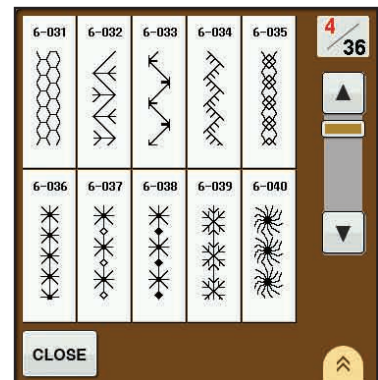
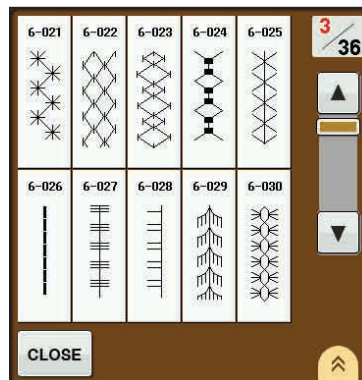
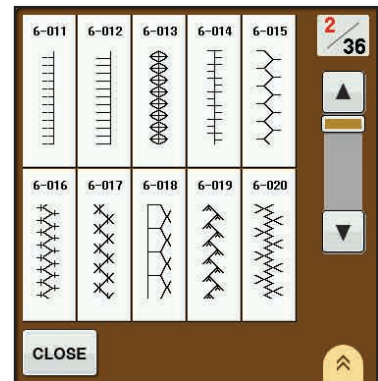
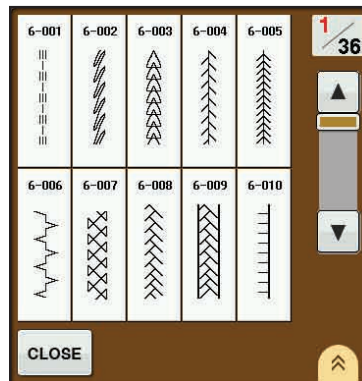
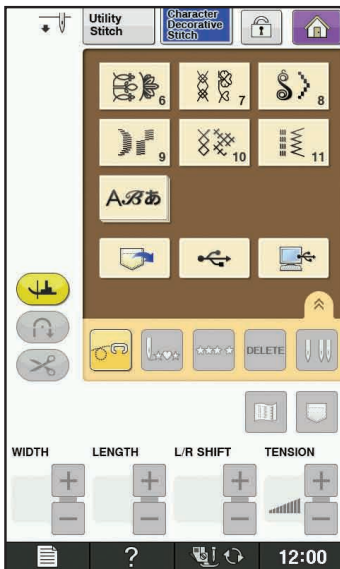
### ◆ Points utilitaires



◆ Character/Decorative Stitches

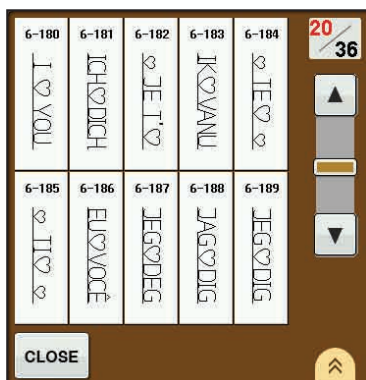
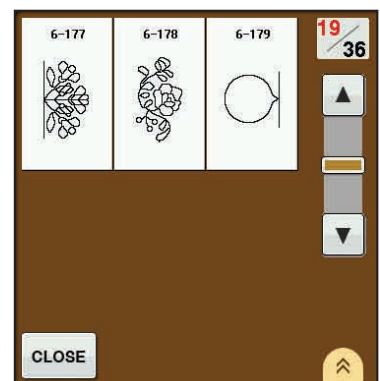
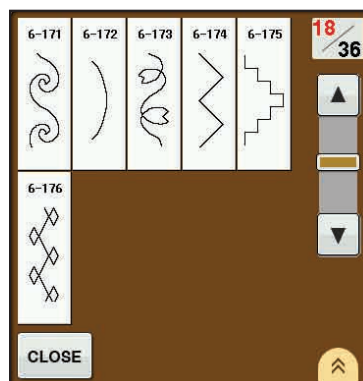
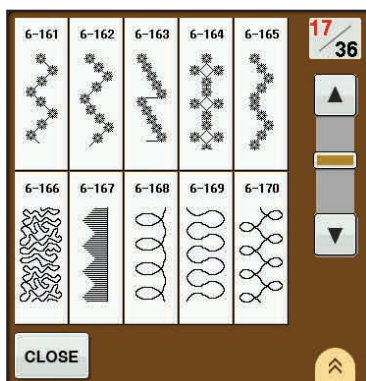
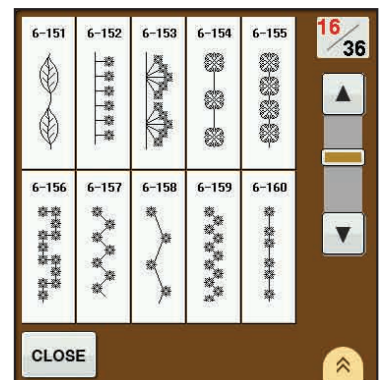
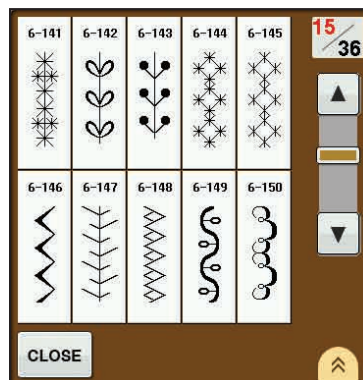
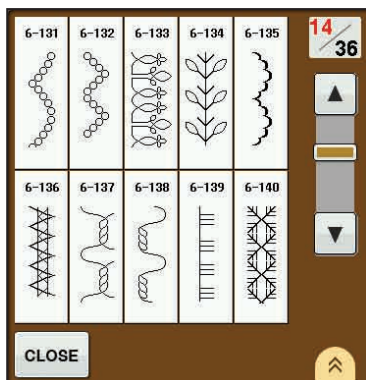
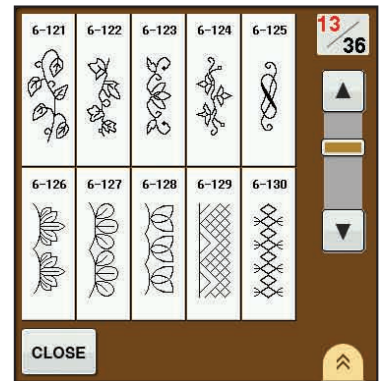
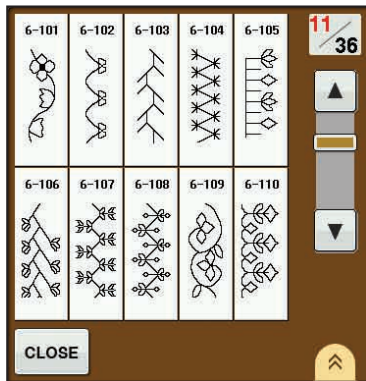
◆ Puntadas de letras/decorativas

◆ Caractères/points décoratifs





Summary of Stitch Patterns  
Resumen de tipos de puntada  
Sommaire des motifs de point



6-180: English  
6-181: German  
6-182: French  
6-183: Dutch  
6-184: Spanish  
6-185: Italian  
6-186: Portuguese  
6-187: Norwegian  
6-188: Swedish  
6-189: Danish  
6-190: Finnish  
6-191: Russian  
6-192: Thai  
6-193: Simplified  
Chinese  
6-194: Japanese

6-180: Inglés  
6-181: Alemán  
6-182: Francés  
6-183: Holandés  
6-184: Español  
6-185: Italiano  
6-186: Portugués  
6-187: Noruego  
6-188: Sueco  
6-189: Danés  
6-190: Finés  
6-191: Ruso  
6-192: Tailandés  
6-193: Chino  
simplificado  
6-194: Japonés

6-180 : anglais  
6-181 : allemand  
6-182 : français  
6-183 : néerlandais  
6-184 : espagnol  
6-185 : italien  
6-186 : portugais  
6-187 : norvégien  
6-188 : suédois  
6-189 : danois  
6-190 : finnois  
6-191 : russe  
6-192 : thaïlandais  
6-193 : chinois  
simplifié  
6-194 : japonais

6-195	6-196	6-197	6-198	6-199	22 / 36	▲	▼	⏪
6-200	6-201	6-202	6-203	6-204	CLOSE	▲	▼	⏩

6-205	6-206	6-207	6-208	6-209	23 / 36	▲	▼	⏪
6-210	6-211	6-212	6-213	6-214	CLOSE	▲	▼	⏩

6-215	6-216	6-217	6-218	6-219	24 / 36	▲	▼	⏪
CLOSE					▲	▼	⏩	

6-220	6-221	6-222	6-223	6-224	25 / 36	▲	▼	⏪
6-225	6-226	6-227	6-228	6-229	CLOSE	▲	▼	⏩

6-230	6-231	6-232	6-233	6-234	26 / 36	▲	▼	⏪
6-235	6-236	6-237	6-238	6-239	CLOSE	▲	▼	⏩

6-240	6-241	6-242	6-243	6-244	27 / 36	▲	▼	⏪
6-245	6-246	6-247	6-248	6-249	CLOSE	▲	▼	⏩

6-250	6-251	6-252	6-253	6-254	28 / 36	▲	▼	⏪
6-255	6-256	6-257	6-258	6-259	CLOSE	▲	▼	⏩

6-260	6-261	6-262	6-263	6-264	29 / 36	▲	▼	⏪
6-265	6-266	6-267	6-268	6-269	CLOSE	▲	▼	⏩

6-270	6-271	6-272	6-273	6-274	30 / 36	▲	▼	⏪
6-275	6-276	6-277	6-278	6-279	CLOSE	▲	▼	⏩

6-280	6-281	6-282	6-283	6-284	31 / 36	▲	▼	⏪
6-285	6-286	6-287	6-288	6-289	CLOSE	▲	▼	⏩

6-290	6-291	6-292	6-293	6-294	32 / 36	▲	▼	⏪
6-295	6-296	6-297	6-298	6-299	CLOSE	▲	▼	⏩

6-300	6-301	6-302	6-303	6-304	33 / 36	▲	▼	⏪
6-305	6-306	6-307	6-308	6-309	CLOSE	▲	▼	⏩

Summary of Stitch Patterns  
 Resumen de tipos de puntada  
 Sommaire des motifs de point

6-310	6-311	6-312	6-313	6-314	34 / 36
6-315	6-316	6-317	6-318	6-319	

CLOSE

6-320	6-321	35 / 36
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CLOSE

6-322	6-323	6-324	36 / 36
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CLOSE



7-001	7-002	7-003	7-004	7-005	1 / 14
7-006	7-007	7-008	7-009	7-010	

CLOSE

7-011	7-012	7-013	7-014	7-015	2 / 14
7-016	7-017	7-018	7-019	7-020	

CLOSE

7-021	7-022	7-023	7-024	7-025	3 / 14
7-026	7-027	7-028	7-029	7-030	

CLOSE

7-031	7-032	7-033	7-034	7-035	4 / 14
7-036	7-037	7-038	7-039	7-040	

CLOSE

7-041	7-042	7-043	7-044	7-045	5 / 14
7-046	7-047	7-048	7-049	7-050	

CLOSE

7-051	7-052	6 / 14
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CLOSE

7-053	7-054	7-055	7-056	7-057	7 / 14
7-058	7-059	7-060	7-061	7-062	

CLOSE

7-063	7-064	8 / 14
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CLOSE

7-065	7-066	7-067	7-068	7-069	9 / 14
7-070	7-071	7-072	7-073	7-074	

CLOSE

7-075	7-076	7-077	7-078	7-079	10 / 14
7-080	7-081	7-082	7-083	7-084	

CLOSE

7-085	7-086	7-087	7-088	7-089	11 / 14
7-090	7-091	7-092	7-093	7-094	

CLOSE

7-095	7-096	7-097	7-098	7-099	12 / 14
7-100	7-101	7-102	7-103	7-104	

CLOSE

7-105	7-106	7-107	7-108	7-109	13 / 14
7-110	7-111	7-112	7-113	7-114	

CLOSE

7-115	7-116	7-117	7-118	14 / 14

CLOSE



8-01	8-02	8-03	8-04	8-05	1 / 9
8-06	8-07	8-08	8-09	8-10	

CLOSE

8-11	8-12	8-13	8-14	8-15	2 / 9
8-16	8-17	8-18	8-19	8-20	

CLOSE

8-21	8-22	8-23	8-24	8-25	3 / 9
8-26	8-27	8-28	8-29	8-30	

CLOSE

8-31	8-32	8-33	8-34	8-35	4 / 9
8-36	8-37	8-38	8-39	8-40	

CLOSE

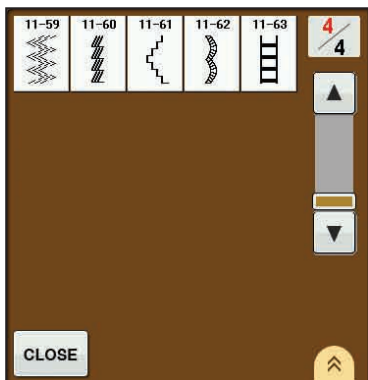
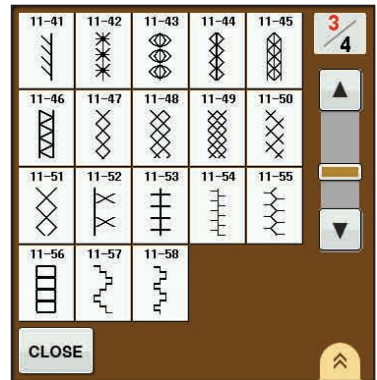
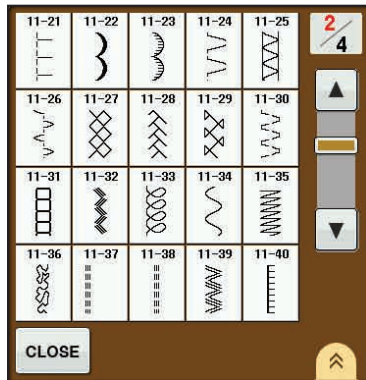
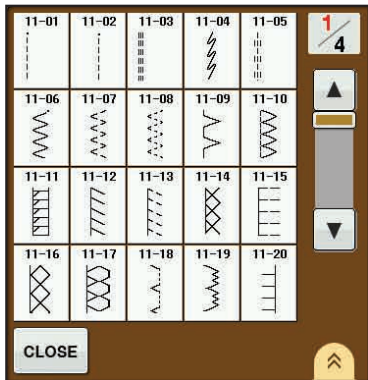
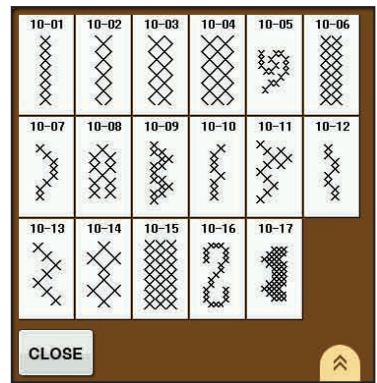
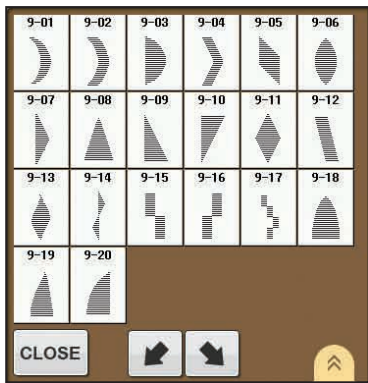
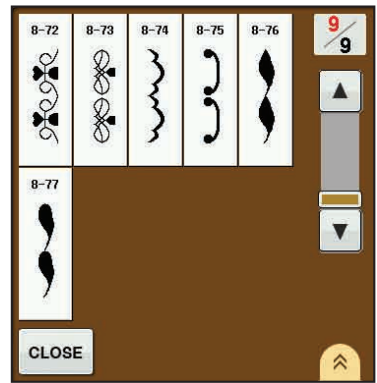
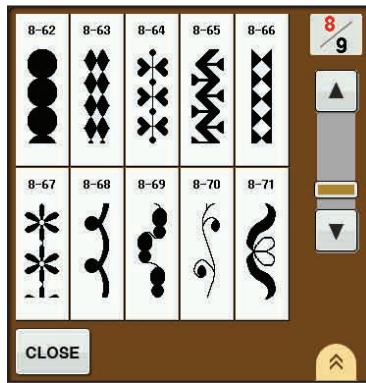
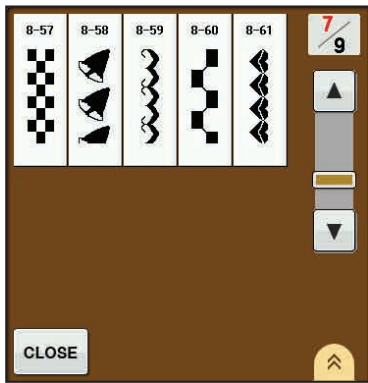
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8-46	8-47	8-48	8-49	8-50	

CLOSE

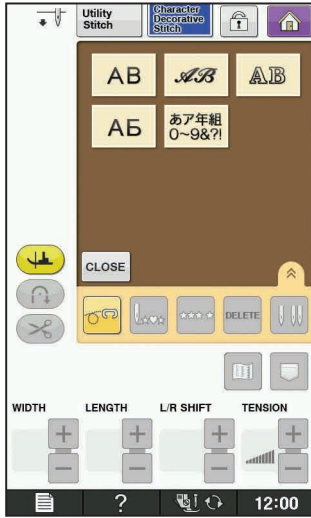
8-51	8-52	8-53	8-54	8-55	6 / 9
8-56					

CLOSE

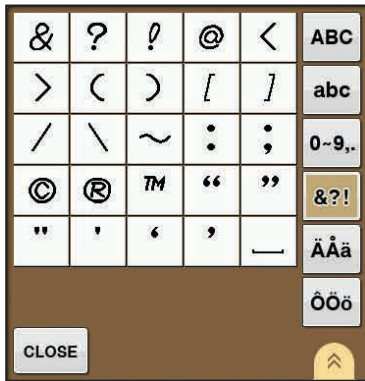
Summary of Stitch Patterns  
 Resumen de tipos de puntada  
 Sommaire des motifs de point



ABあ



AB



AB

A	B	C	D	E	ABC
F	G	H	I	J	abc
K	L	M	N	O	0-9,.
P	Q	R	S	T	&?!
U	V	W	X	Y	ÄÄä
Z	'	_			ÖÖö

CLOSE

a	b	c	d	e	ABC
f	g	h	i	j	abc
k	l	m	n	o	0-9,.
p	q	r	s	t	&?!
u	v	w	x	y	ÄÄä
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F	G	H	I	J	abc
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Z	'	_			ÖÖö

CLOSE

a	b	c	d	e	ABC
f	g	h	i	j	abc
k	l	m	n	o	0-9,.
p	q	r	s	t	&?!
u	v	w	x	y	ÄÄä
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Ñ	ñ	Î	í	_	ÖÖö

CLOSE

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CLOSE

АБ

А	Б	В	Г	Д	АБВ
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Й	К	Л	М	Н	абв
О	П	Р	С	Т	чшщ
У	Ф	Х	Ц	—	0~9,.

CLOSE

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Ң	Ј	ЈЬ	Ң	Ц	чшщ
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й	к	л	м	н	абв
о	п	р	с	т	чшщ
у	ф	х	ц	—	0~9,.

CLOSE

Ч	Ш	Щ	Ь	Ы	АБВ
Ь	Э	Ю	Я	Г	ЧШЩ
Е	І	Ї	Ў	Ң	абв
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CLOSE

あア年組  
0~9&?! \*

Category names  
Nombres de las categorías  
Noms des catégories

あ行	か行	さ行	た行	な行	あいう
は行	ま行	や行	ら行	わ行	アイウ
あ	い	う	え	お	0~九 &?! 年組
あ	い	う	え	お	—

Horizontal  
Horizontal  
Horizontal  
Horizontal

Vertical  
Vertical  
Vertical

Characters belonging to each category above  
Caracteres pertenecientes a cada una de las categorías anteriores  
Caractères appartenant à chaque catégorie ci-dessus

CLOSE H V

ア行	カ行	サ行	タ行	ナ行	あいう
ハ行	マ行	ヤ行	ラ行	ワ行	アイウ
ア	イ	ウ	エ	オ	0~九 &?! 年組
ア	イ	ウ	エ	オ	—

CLOSE H V

0	1	2	3	4	あいう
5	6	7	8	9	アイウ
0	—	二	三	四	0~九 &?! 年組
五	六	七	八	九	—
+	&	?	!	(	—
)	—	—	—	—	—

CLOSE H V

生	年	月	日	才	あいう
小	中	学	校	組	アイウ
火	水	木	金	土	0~九 &?! 年組
—	—	—	—	—	—

CLOSE H V

\* Japanese characters  
\* Caracteres japoneses  
\* Caractères japonais