

# TWIN NEEDLE LOCKSTITCH MACHINE

## GAUGE PARTS LIST

LT2-B841 • B842 • B845 • B847  
B848 • B872 • B875 • B838  
B8450 • B8480 • B8750

Please consult your Brother representative concerning delivery dates and prices of gauge parts other than those shown in this table.

→ 3. Phi.  
- 5 HEAVY

Vertical

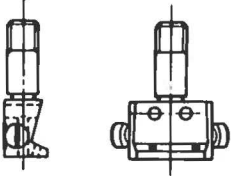
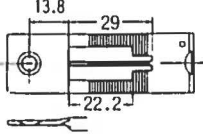
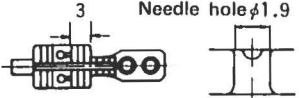
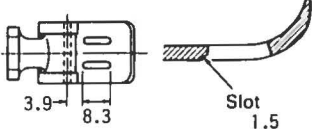
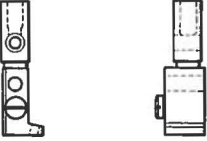
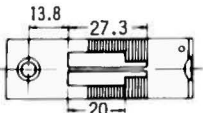
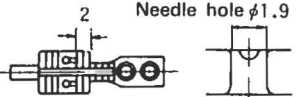
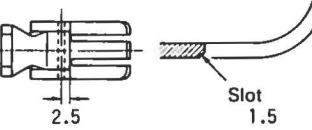
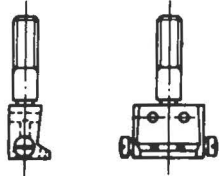
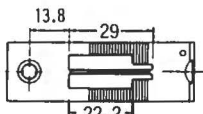
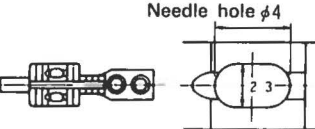
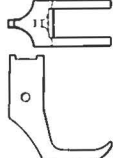
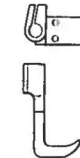
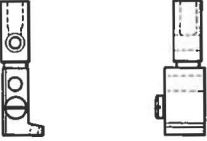
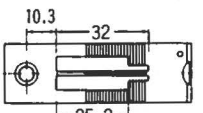
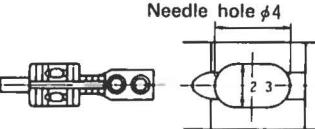
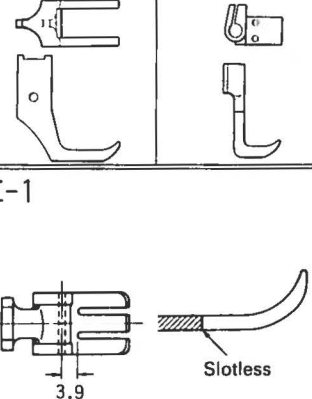
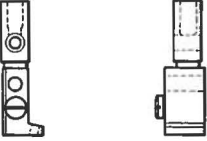
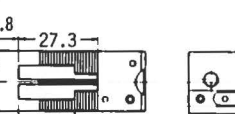
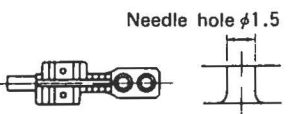
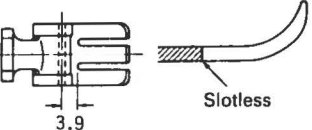
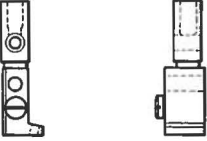
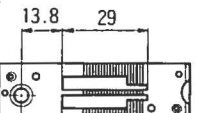

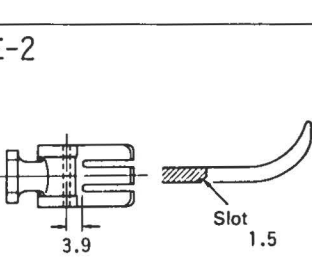
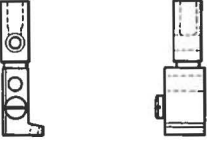
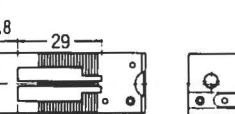
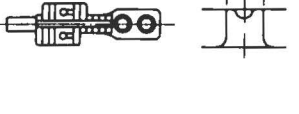
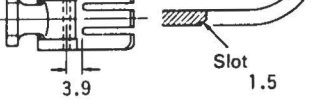
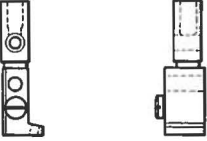

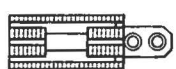

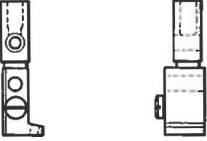



Vertical text, possibly a title or header, appearing as a faint, mirrored image.

Vertical text, possibly a subtitle or secondary header, appearing as a faint, mirrored image.

Vertical text, possibly a main body of text, appearing as a faint, mirrored image.

Vertical text, possibly a main body of text, appearing as a faint, mirrored image.



Needle Clamp Assembly	Needle Plate (Assembly)	Feed Dog	Presser Foot Assembly	
<p>A</p> 	<p>D-1</p> 	<p>D-1</p> 	<p>D-1</p> 	
<p>B</p> 	<p>D-2</p> 	<p>D-2</p> 	<p>D-2</p> 	
<p>C</p> 	<p>D-3</p> 	<p>D-3</p> 	<p>Outer Clamp</p> 	<p>Inner Clamp</p> 
<p>B</p> 	<p>D-4</p> 	<p>D-3</p> 	<p>E-1</p> 	
<p>B</p> 	<p>E-1</p> 	<p>E-1</p> 	<p>E-1</p> 	
<p>B</p> 	<p>E-2</p> 	<p>E-2</p> 	<p>E-2</p> 	
<p>B</p> 	<p>E-3</p> 	<p>E-2</p> 	<p>E-2</p> 	
<p>B</p> 	<p>F</p> 	<p>F</p> 	<p>F</p> 	
<p>B</p> 	<p>G</p> 	<p>G</p> 	<p>F</p> 	

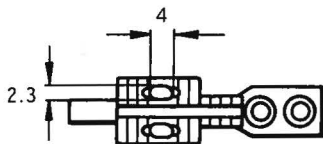
# GAUGE PARTS LIST

Models	Sub-class		Needle Clamp Assembly	Needle Plate (Assembly)	Feed Dog	Presser Foot Assembly	
B841	Standard	-1 (Foundation Spec.)	A	D-1	D-1	D-1	
		-3		D-2	D-2		
		-5		D-3	D-3		
B842	Standard	-1 (Foundation Spec.)		D-1	D-1		
		-3		D-2	D-2		
		-5		D-3	D-3		
B842	Thread Trimmer	-3		E-1	E-1	E-1	
		-5		E-3	E-2	E-2	
B845	Standard	-3		B	D-3	D-2	D-1
		-5	D-3		D-3		
	Thread Trimmer	-3	E-3		E-1	E-1	
		-5			E-2		
		-7					
B847	Standard	-1	A	F	F	F	
	Thread Trimmer	-1		G	G		
B848	Standard	-1	B	F	F		
	Thread Trimmer	-1		G	G		
B872	Standard	-3	A	D-3	D-2	D-2	
		-5		D-3	D-3		
	Thread Trimmer	-3		E-3	E-1		
		-5			E-2		
B875	Standard	-3	B	D-3	D-2		
		-5		D-3	D-3		
	Thread Trimmer	-3		E-3	E-1		
		-5			E-2		
		-7					
B838	Standard	-5	C	D-4	D-3	Outer Clamp Inner Clamp	
B8450	Thread Trimmer	-3	B	E-2	E-1	E-1	
		-5			E-2		
		-7					
B8480	Thread Trimmer	-3			E-1	E-1	
		-5			E-2		
		-7					
B8750	Thread Trimmer	-3			E-1	E-2	D-2
		-5					
		-7					

# B84 I

Needle Gauge	Sub-class	Needle Clamp Assembly	Needle Plate	Feed Dog	Presser Foot Assembly	Slide Plate (L) Assembly
Tandem (0.5mm)	-3	158801-001	142111-001	142110-001	142105-001	S07318-201
1/16" (1.6mm)	-3	158808-001	142111-001	151078-001	151076-001	
1/8" (3.2mm)	- 1 (Foundation Spec.)	158794-101	117370-001	117366-001	114948-001	
	-3		114950-001	114951-001		
	-5		117369-001	●158430-001		
5/32" (4.0mm)	-3	158796-101	116503-001	116509-001	116502-001	
	-5		150850-001			
3/16" (4.8mm)	- 1 (Foundation Spec.)	158791-101	117158-001	117134-001	112638-001	
	-3		112603-001	112659-001 ★S21149-001		
	-5		117133-001	●S13588-001		
1/4" (6.4mm)	- 1 (Foundation Spec.)	158792-101	117368-001	117365-001	112642-001	
	-3		112604-001	112660-001 ★S21150-001		
	-5		117367-001	●153882-001		
5/16" (7.9mm)	-3	158793-101	112605-001	112661-001	112645-001	
	-5		144882-001			
3/8" (9.5mm)	-3	158798-101	116506-101	116510-101	116498-001	
	-5		144881-101	●153887-001		
7/16" (11.1mm)	-3	158809-101	151596-001	151598-001	151597-001	
1/2" (12.7mm)	-3	158797-101	116505-001	116511-001	116499-001	
	-5		S09365-001	●153892-001		
5/8" (15.9mm)	-3	158795-101	116507-001	116512-001	116500-001	
	-5		159577-001	●153897-001		
1" (25.4mm)	-3	158805-101	147176-001	147178-001 ●153907-001	147177-001	
1-1/4" (31.8mm)	-3	158799-101	116504-001	116508-001	116501-001	S07323-201
1-1/2" (38.1mm)	-3	158800-101	118945-001	118947-001	118946-001	

◎ Needle hole dimensions for heavy materials (indicated by a ●) are shown in the figure below.



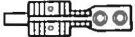
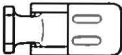



◎ Needle hole dimensions are 2mm x 3mm (indicated by a ★).

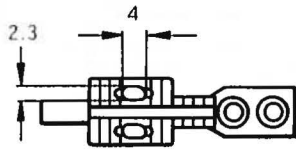
### <Option Parts>

Presser Foot Assembly with Guide		
	1/8" (3.2mm)	149311-001
	3/16" (4.8mm)	117281-001
	1/4" (6.4mm)	149312-001

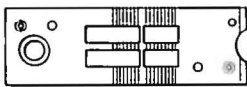
# B842 (STANDARD)

Needle Gauge	Sub-class	Needle Clamp Assembly 	Needle Plate 	Feed Dog 	Presser Foot Assembly 	Slide Plate (L) Assembly 
Tandem (0.5mm)	-3	158801-001	142111-001	142110-001	142105-001	S07318-201
1/16" (1.6mm)	-3	158808-001	142111-001	151078-001	151076-001	
1/8" (3.2mm)	-1 (Foundation Spec.)	158794-101	117370-001	117366-001	114948-001	
	-3		114950-001	*S07880-001		
	-5		117369-001	114951-001		
5/32" (4.0mm)	-3	158796-101	116503-001	116509-001	116502-001	
	-5		150850-001			
3/16" (4.8mm)	-1 (Foundation Spec.)	158791-101	117158-001	117134-001	112638-001	
	-3		112603-001	*S07878-001		
	-5		117133-001	112659-001		
			⊗S19449-001	★S21149-001		
1/4" (6.4mm)	-1 (Foundation Spec.)	158792-101	117368-001	117365-001	112642-001	
	-3		112604-001	*S07879-001		
	-5		117367-001	112660-001		
			⊗S19450-001	★S21150-001		
5/16" (7.9mm)	-3	158793-101	112605-001	112661-001	112645-001	
	-5		144882-001			
3/8" (9.5mm)	-3	158798-101	116506-101	116510-101	116498-001	
	-5		144881-101	●153887-001		
			-3	158809-101		
1/2" (12.7mm)	-3	158797-101	116505-001	116511-001	116499-001	
	-5		S09365-001	●153892-001		
5/8" (15.9mm)	-3	158795-101	116507-001	116512-001	116500-001	
	-5		159577-001	●153897-001		
1" (25.4mm)	-3	158805-101	147176-001	147178-001	147177-001	
	-5		●153907-001			
1-1/4" (31.8mm)	-3	158799-101	116504-001	116508-001	116501-001	S07323-201
1-1/2" (38.1mm)	-3	158800-101	118945-001	118947-001	118946-001	S07325-201
2" (50.8mm)	-5	158802-101	144951-001	144947-001	144949-001	
2-1/6" (55.0mm)	-5	158803-101	147560-001	147561-001	147562-001	

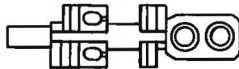
- ⊙ In case of using 2" or 2-1/6" (55.0mm) gauge parts, it is required to make special machining on the arm-bed. A maximum stitch width specification of 75mm is available. Please consult your Brother representative concerning delivery date and price.
- ⊙ The ※ symbol is for thin materials (needle hole diameter 1.2mm).
- ⊙ Needle hole dimensions for heavy materials (indicated by a ●) are shown in the figure below.



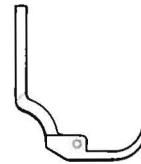
- ⊙ Needle hole dimensions are 2mm x 3mm (indicated by a ★).
- ⊙ The ☒ symbol indicates gauge components for sewing without material. See the figure below.



Needle Plate




Feed Dog

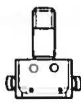

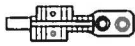
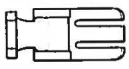
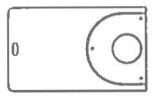



Presser Foot Assembly

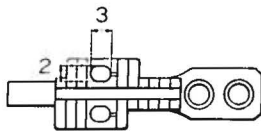
<Option Parts>

Presser Foot Assembly with Guide			
	1/8"	(3.2mm)	149311-001
	3/16"	(4.8mm)	117281-001
	1/4"	(6.4mm)	149312-001
Presser Foot Assembly with Guide Left	5/16"	(7.9mm)	S13735-001

# B842 (THREAD TRIMMER)

Needle Gauge	Sub-class	Needle Clamp Assembly 	Needle Plate Assembly 	Feed Dog 	Presser Foot Assembly 	Slide Plate (L) Assembly 	Thread Wiper 
2.0mm	-5	S19862-001	S19864-001	S19866-001	S19867-001	S07318-201	S07553-001
3/32" (2.4mm)	-5	S158804-101	S159398-001	S148697-001	S148679-001		
2.8mm	-5	S19905-001	S19907-001	S19909-001	S19910-001		
1/8" (3.2mm)	-3	S158794-101	S159400-001	S148698-001	S148685-001		
	-5		S155722-001	S148699-001	S148681-001		
5/32" (4.0mm)	-3	S158796-101	S1158785-001	S148700-001	S148689-001		
	-5		S155724-001	S148701-001	S148683-001		
3/16" (4.8mm)	-3	S158791-101	S158784-001	S148702-001	S148687-001		
	-5		S1155851-001	S148703-001	S148691-001		
			⊠S20901-001	★S07905-001 ⊠S20905-001	⊠S20903-001		
1/4" (6.4mm)	-3	S158792-101	S158783-001	S148704-001	S148693-001		
	-5		S155853-001	S148705-001	S148695-001		
			⊠S10507-001	★S158756-001 ⊠S10509-001	⊠S10510-001		
5/16" (7.9mm)	-3	S158793-101	S159402-001	S149692-001	S149689-001		
	-5		S155855-001	S149691-001	S149687-001		
3/8" (9.5mm)	-3	S158798-101	S149946-001	S149939-001	S149942-001		
	-5		S155857-001	S149938-001	S149940-001		
1/2" (12.7mm)	-3	S158797-101	S159404-001	S149676-001	S149673-001		
	-3		S149677-001	S149675-001	S149671-001		
5/8" (15.9mm)	-3	S158795-101	S149956-001	S149949-001	S149952-001		
	-5		S149954-001	S149948-001	S149950-001		
3/4" (19.1mm)	-5	S158806-101	S150526-001	S150523-001	S150524-001		
7/8" (22.2mm)	-3	S158807-101	⊠S14538-001	⊠S14540-001	⊠S14541-001		
	-5		S150534-001	S150531-001	S150532-001		
1" (25.4mm)	-5	S158805-101	⊠S14543-001	⊠S14545-001	⊠S14546-001		
			S149966-001	S149960-001	S149962-001		
1-1/8" (28.6mm)	-3	S16102-001	S16104-001	S16106-001	S16107-001		
1-1/2" (38.1mm)	-5	S158800-101	S07391-001	S07390-001	S07388-001	S07323-201	

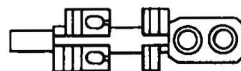
◎ Needle hole dimensions for heavy materials (indicated by a ★) are shown in the figure below.



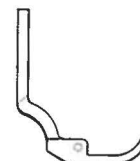
◎ The ⊠ symbol indicates gauge components for sewing without material. See the figure below.



Needle Plate




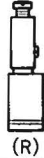


Feed Dog



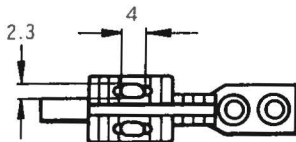
Presser Foot Assembly




# B845 (STANDARD)

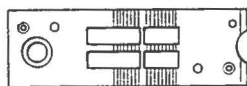
Needle Gauge	Sub-class	Needle Clamp Set		Needle Clamp Assembly		Needle Plate	Feed Dog	Presser Foot Assembly
		 (L)	 (R)	 (L)	 (R)			
1/8" (3.2mm)	-3	(L)S15711-001	(L)S15713-001	117369-001	*S07880-001	114948-001		
	-5	(R)S15712-001	(R)S15714-001				114951-001	
5/32" (4.0mm)	-3	(L)S15717-001	(L)S15719-001	150850-001	116509-001	116502-001		
	-5	(R)S15718-001	(R)S15720-001				•158430-001	
3/16" (4.8mm)	-3	(L)S15723-001	(L)S15725-001	117133-001 ☒S19449-001	*S07878-001 112659-001 ★S21149-001 •S13588-001 ☒S19448-001	112638-001		
	-5	(R)S15724-001	(R)S15726-001					
1/4" (6.4mm)	-3	(L)S15735-001	(L)S15737-001	117367-001 ☒S19450-001	*S07879-001 112660-001 ★S21150-001 •153882-001 ☒S19447-001	112642-001		
	-5	(R)S15736-001	(R)S15738-001					
5/16" (7.9mm)	-3	(L)S15747-001	(L)S15749-001	144882-001	112661-001	112645-001		
	-5	(R)S15748-001	(R)S15750-001					
3/8" (9.5mm)	-3	(L)S15753-001	(L)S15755-001	144881-101	116510-101	116498-001		
	-5	(R)S15754-001	(R)S15756-001				•153887-001	
7/16" (11.1mm)	-3	(L)S15759-001	(L)S15761-001	151596-001	151598-001	151597-001		
	-5	(R)S15760-001	(R)S15762-001					
1/2" (12.7mm)	-3	(L)S15765-001	(L)S15767-001	S09365-001	116511-001	116499-001		
	-5	(R)S15766-001	(R)S15768-001				•153892-001	
5/8" (15.9mm)	-3	(L)S15771-001	(L)S15773-001	159577-001	116512-001	116500-001		
	-5	(R)S15772-001	(R)S15774-001				•153897-001	

- ◎ The ※ symbol is for thin materials (needle hole diameter 1.2mm).
- ◎ Needle hole dimensions are 2mm x 3mm (indicated by a ★).
- ◎ Needle hole dimensions for heavy materials (indicated by a ●) are shown in the figure below.

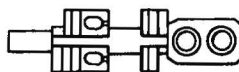


Presser Foot Assembly with Guide		
	1/8" (3.2mm)	149311-001
	3/16" (4.8mm)	117281-001
	1/4" (6.4mm)	149312-001

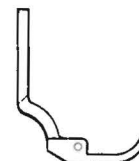
- ◎ The ☒ symbol indicates gauge components for sewing without material. See the figure below.



Needle Plate



Feed Dog

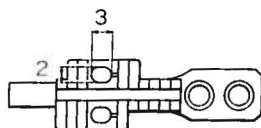


Presser Foot Assembly

# B845 (THREAD TRIMMER)

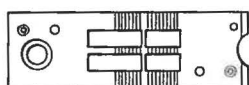
Needle Gauge	Sub-class	Needle Clamp Set		Needle Clamp Assembly		Needle Plate Assembly	Feed Dog	Presser Foot Assembly
		(L)	(R)	(L)	(R)			
3/32" (2.4mm)	-5	(L)S15705-001 (R)S15706-001	(L)S15707-001 (R)S15708-001	159398-001	148697-001	148679-001		
1/8" (3.2mm)	-3	(L)S15711-001	(L)S15713-001	155722-001	148698-001	148685-001		
	-5	(R)S15712-001	(R)S15714-001		148699-001	148681-001		
5/32" (4.0mm)	-3	(L)S15717-001	(L)S15719-001	155724-001	148700-001	148689-001		
	-5	(R)S15718-001	(R)S15720-001		148701-001	148683-001		
3/16" (4.8mm)	-3				148702-001	148687-001		
	-5	(L)S15723-001 (R)S15724-001	(L)S15725-001 (R)S15726-001	155851-001 ×S20901-001	148703-001 ×S20905-001 ★S07905-001	148691-001 ×S20903-001		
	-7							
7/32" (5.6mm)	-3	(L)S15729-001 (R)S15730-001	(L)S15731-001 (R)S15732-001	156816-001	156818-001	156819-001		
1/4" (6.4mm)	-3				148704-001	148693-001		
	-5	(L)S15735-001 (R)S15736-001	(L)S15737-001 (R)S15738-001	155853-001 ×S10507-001	148705-001 ×S10509-001 ★158756-001	148695-001 ×S10510-001		
	-7							
9/32" (7.1mm)	-3	(L)S15741-001	(L)S15743-001	S14530-001	S14532-001	S14534-001		
	-5	(R)S15742-001	(R)S15744-001		S14533-001	S14536-001		
5/16" (7.9mm)	-3	(L)S15747-001	(L)S15749-001	155855-001	149692-001	149689-001		
	-5	(R)S15748-001	(R)S15750-001		149691-001	149687-001		
3/8" (9.5mm)	-3	(L)S15753-001	(L)S15755-001	155857-001	149939-001	149942-001		
	-5	(R)S15754-001	(R)S15756-001		149938-001	149940-001		
7/16" (11.1mm)	-3	(L)S15759-001 (R)S15760-001	(L)S15761-001 (R)S15762-001	S01644-001	S01646-001	S01641-001		
1/2" (12.7mm)	-3	(L)S15765-001	(L)S15767-001	149677-001	149676-001	149673-001		
	-5	(R)S15766-001	(R)S15768-001		149675-001	149671-001		
5/8" (15.9mm)	-3	(L)S15771-001	(L)S15773-001	149954-001	149949-001	149952-001		
	-5	(R)S15772-001	(R)S15774-001		149948-001	149950-001		

◎ Needle hole dimensions for heavy materials (indicated by a ★) are shown in the figure below.

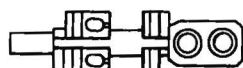


◎ Use a DB x 1 (#7~#18) needle when using a 3/32" gauge.

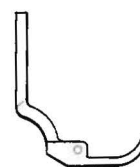
◎ The ☒ symbol indicates gauge components for sewing without material. See the figure below.



Needle Plate





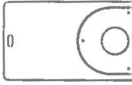



Feed Dog

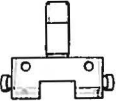
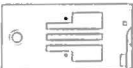
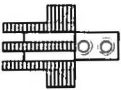
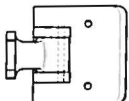
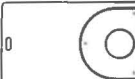


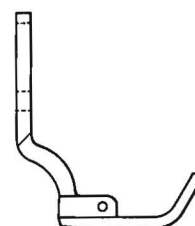
Presser Foot Assembly

# B847

Needle Gauge	Sub-class		Needle Clamp Assembly	Needle Plate (Assembly)	Feed Dog	Presser Foot Assembly	Slide Plate (L) Assembly	Thread Wiper	
									
1/8" (3.2mm)	-1	Standard Thread Trimmer	158794-101	S07686-001 S07401-001	S07696-001 S07409-001	S07393-001	S07318-201	S07553-001	
3/16" (4.8mm)	-1	Standard Thread Trimmer	158791-101	S07688-001 S07403-001	S07698-001 S07410-001	S07395-001		S07553-001	
1/4" (6.4mm)	-1	Standard Thread Trimmer	158792-101	S07689-001 S07405-001	S07699-001 S07411-001	S07397-001		S07553-001	
5/16" (7.9mm)	-1	Thread Trimmer	158793-101	S07676-001	S07680-001	S07682-001		S07553-001	
3/8" (9.5mm)	-1	Thread Trimmer	158798-101	S13621-001	S13623-001	S13624-001		S07553-001	
1/2" (12.7mm)	-1	Standard Thread Trimmer	158797-101	S07693-001 S07678-001	S07703-001 S07681-001	S07684-001		S07553-001	
3/4" (19.1mm)	-1	Standard Thread Trimmer	158806-101	S07996-001 S07886-001	S07998-001 S07888-001	S07889-001		S07554-001	
20mm	-1	Standard	S00937-001	S13479-001	S07998-001	S13480-001			
7/8" (22.2mm)	-1	Standard Thread Trimmer	158807-101	S07997-001 S07891-001	S07999-001 S07893-001	S07894-001		S07554-001	
1" (25.4mm)	-1	Thread Trimmer	158805-101	S15088-001	S15090-001	S15091-001		S07554-001	
1-1/4" (31.8mm)	-1	Thread Trimmer	158799-101	S20914-001	S20916-001	S20917-001		S07323-201	S07554-001

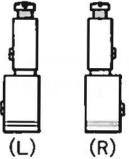
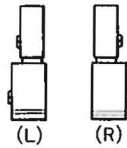

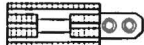
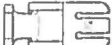
## B847 Gauge Parts for Shirt Fronts

Needle Gauge	Sub-class		Needle Clamp Assembly	Needle Plate (Assembly)	Feed Dog	Presser Foot Assembly	Slide Plate (L) Assembly
							
18 mm	-1	Standard	S14352-001	S14354-001	S14357-001	S14355-001	S07318-201
20 mm	-1	Standard	S00937-001	S13479-001	S14360-001	S14358-001	
22 mm	-1	Standard	158807-101	S07997-001	S14363-001	S14361-001	
24 mm	-1	Standard	S14364-001	S14366-001	S14369-001	S14367-001	
26 mm	-1	Standard	S14370-001	S14372-001	S14375-001	S14373-001	
28 mm	-1	Standard	S14376-001	S14378-001	S14381-001	S14379-001	
30 mm	-1	Standard	S16651-001	S16653-001	S16656-001	S16654-001	

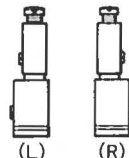
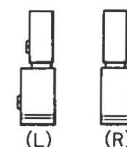


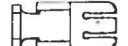


Presser Foot Assembly


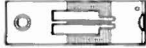
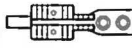

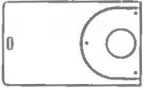
# B848

Needle Gauge	Sub-class		Needle Clamp Set	Needle Clamp Assembly	Needle Plate (Assembly)	Feed Dog	Presser Foot Assembly
							
1/8" (3.2mm)	-1	Standard	(L)S15711-001	(L)S15713-001	S07686-001	S07696-001	S07393-001
		Thread Trimmer	(R)S15712-001	(R)S15714-001	S07401-001	S07409-001	
3/16" (4.8mm)	-1	Standard	(L)S15723-001	(L)S15725-001	S07688-001	S07698-001	S07395-001
		Thread Trimmer	(R)S15724-001	(R)S15726-001	S07403-001	S07410-001	
1/4" (6.4mm)	-1	Standard	(L)S15735-001	(L)S15737-001	S07689-001	S07699-001	S07397-001
		Thread Trimmer	(R)S15736-001	(R)S15738-001	S07405-001	S07411-001	
5/16" (7.9mm)	-1	Thread Trimmer	(L)S15747-001 (R)S15748-001	(L)S15749-001 (R)S15750-001	S07676-001	S07680-001	S07682-001
3/8" (9.5mm)	-1	Thread Trimmer	(L)S15753-001 (R)S15754-001	(L)S15755-001 (R)S15756-001	S13621-001	S13623-001	S13624-001
1/2" (12.7mm)	-1	Standard	(L)S15765-001	(L)S15767-001	S07693-001	S07703-001	S07684-001
		Thread Trimmer	(R)S15766-001	(R)S15768-001	S07678-001	S07681-001	

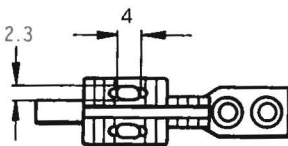
# B8480

Needle Gauge	Sub-class	Needle Clamp Set	Needle Clamp Assembly	Needle Plate Assembly	Feed Dog	Presser Foot Assembly
						
3/16" (4.8mm)	-1	(L)S15723-001 (R)S15724-001	(L)S15725-001 (R)S15726-001	S16437-001	S07410-001	S07395-001
1/4" (6.4mm)		(L)S15735-001 (R)S15736-001	(L)S15737-001 (R)S15738-001	S16439-001	S07411-001	S07397-001
5/16" (7.9mm)		(L)S15747-001 (R)S15748-001	(L)S15749-001 (R)S15750-001	S16441-001	S07680-001	S07682-001
3/8" (9.5mm)		(L)S15753-001 (R)S15754-001	(L)S15755-001 (R)S15756-001	S16443-001	S13623-001	S13624-001

# B872 (STANDARD)

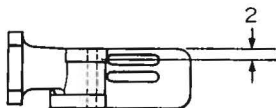
Needle Gauge	Sub-class	Needle Clamp Set 	Needle Plate 	Feed Dog 	Presser Foot Assembly 	Slide Plate (L) Assembly 
1/8" (3.2mm)	-3	158794-101	117369-001	114951-001	155463-001	S14080-001
	-5					
5/32" (4.0mm)	-3	158796-101	150850-001	116509-001	155455-001	S07318-201
	-5					
3/16" (4.8mm)	-3	158791-101	117133-001	112659-001	155457-001	
	-5			★S21149-001 •S13588-001		
1/4" (6.4mm)	-3	158792-101	117367-001	112660-001	155453-001	
	-5			★S21150-001 •153882-001		
5/16" (7.9mm)	-3	158793-101	144882-001	112661-001	155459-001	
	-5					
3/8" (9.5mm)	-3	158798-101	144881-101	116510-101	155461-001	
	-5			•153887-001		
1/2" (12.7mm)	-3	158797-101	S09365-001	116511-001	S09367-001	
	-5			•153892-001		
5/8" (15.9mm)	-3	158795-101	159577-001	116512-001	159575-001	
	-5			•153897-001		
1-3/8" (34.9mm)	-3	S10746-101	S14148-001	S14149-001	S10751-001	S07323-201
	-5					
68mm	-5	S12999-001	S13001-001	S13002-001	S13003-001	S07325-201

◎ Needle hole dimensions for heavy materials (indicated by a ●) are shown in the figure below.





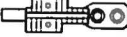
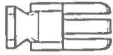


◎ Needle hole dimensions are 2mm x 3mm (indicated by a ★).

◎ The \* symbol is a presser foot for fastener.

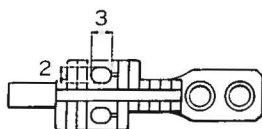


◎ A maximum stitch width specification of 68mm is available. Please consult your Brother representative concerning delivery date and price.

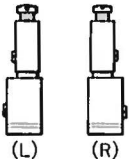
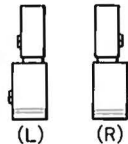

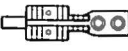

# B872 (THREAD TRIMMER)

Needle Gauge	Sub-class	Needle Clamp Assembly 	Needle Plate Assembly 	Feed Dog 	Presser Foot (Assembly) 	Slide Plate (L) Assembly 	Thread Wiper 
3/32" (2.4mm)	-5	158804-101	159398-001	148697-001	S20223-001	S07318-201	S07553-001
1/8" (3.2mm)	-3	158794-101	155722-001	148698-001	155463-001		
	-5			148699-001			
5/32" (4.0mm)	-3	158796-101	155724-001	148700-001	155455-001		
	-5			148701-001			
3/16" (4.8mm)	-3	158791-101	155851-001	148702-001	155457-001		
	-5			148703-001			
				★S07905-001			
1/4" (6.4mm)	-3	158792-101	155853-001	148704-001	155453-001		
	-5			148705-001			
				★158756-001			
5/16" (7.9mm)	-3	158793-101	155855-001	149692-001	155459-001		
	-5			149691-001			
3/8" (9.5mm)	-3	158798-101	155857-001	149939-001	155461-001		
	-5			149938-001			
1/2" (12.7mm)	-3	158797-101	149677-001	149676-001	S09367-001		
	-5			149675-001			
5/8" (15.9mm)	-3	158795-101	149954-001	149949-001	159575-001		
	-5			149948-001			
1" (25.4mm)	-5	158805-101	149966-001	149960-001	S13626-001		
1-1/4" (31.8mm)	-5	158799-101	S10741-001	S10743-001	S10744-001	S07323-201	S07554-001
1-3/8" (34.9mm)	-5	S10746-101	S10748-001	S10750-001	S10751-001		
1-1/2" (38.1mm)	-5	158800-101	S07391-001	S07390-001	156526-001		

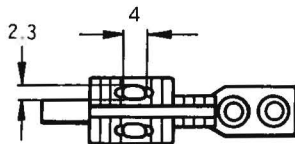
© Needle hole dimensions for heavy materials (indicated by a ★) are shown in the figure below.



# B875 (STANDARD)

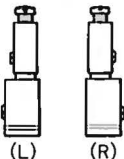
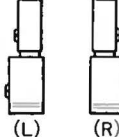



Needle Gauge	Sub-class	Needle Clamp Set 	Needle Clamp Assembly 	Needle Plate Assembly 	Feed Dog 	Presser Foot Assembly 
1/8" (3.2mm)	-3	(L)S15711-001 (R)S15712-001	(L)S15713-001 (R)S15714-001	117369-001	114951-001	155463-001
	-5				●S158430-001	
5/32" (4.0mm)	-3	(L)S15717-001 (R)S15718-001	(L)S15719-001 (R)S15720-001	150850-001	116509-001	155455-001
	-5					
3/16" (4.8mm)	-3	(L)S15723-001 (R)S15724-001	(L)S15725-001 (R)S15726-001	117133-001	112659-001	155457-001
	-5				★S21149-001 ●S13588-001	
1/4" (6.4mm)	-3	(L)S15735-001 (R)S15736-001	(L)S15737-001 (R)S15738-001	117367-001	112660-001	155453-001
	-5				★S21150-001 ●S153882-001	
5/16" (7.9mm)	-3	(L)S15747-001 (R)S15748-001	(L)S15749-001 (R)S15750-001	144882-001	112661-001	155459-001
	-5					
3/8" (9.5mm)	-3	(L)S15753-001 (R)S15754-001	(L)S15755-001 (R)S15756-001	144881-101	116510-101	155461-001
	-5				●S153887-001	
1/2" (12.7mm)	-3	(L)S15765-001 (R)S15766-001	(L)S15767-001 (R)S15768-001	S09365-001	116511-001	S09367-001
	-5				●S153892-001	
5/8" (15.9mm)	-3	(L)S15771-001 (R)S15772-001	(L)S15773-001 (R)S15774-001	159577-001	116512-001	159575-001
	-5				●S153897-001	

◎ Needle hole dimensions for heavy materials (indicated by a ★) are shown in the figure below.



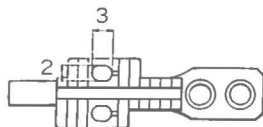
◎ Needle hole dimensions are 2mm x 3mm (indicated by a ★).

# B875 (THREAD TRIMMER)

Needle Gauge	Sub-class	Needle Clamp Set 	Needle Clamp Assembly 	Needle Plate Assembly 	Feed Dog 	Presser Foot Assembly 
3/32" (2.4mm)	-5	(L)S15705-001 (R)S15706-001	(L)S15707-001 (R)S15708-001	159398-001	148697-001	S20223-001
1/8" (3.2mm)	-3	(L)S15711-001	(L)S15713-001	155722-001	148698-001	155463-001
	-5	(R)S15712-001	(R)S15714-001		148699-001	
5/32" (4.0mm)	-3	(L)S15717-001	(L)S15719-001	155724-001	148700-001	155455-001
	-5	(R)S15718-001	(R)S15720-001		148701-001	
3/16" (4.8mm)	-3	(L)S15723-001 (R)S15724-001	(L)S15725-001 (R)S15726-001	155851-001	148702-001	155457-001
	-5				148703-001	
	-7				★S07905-001	
7/32" (5.6mm)	-3	(L)S15729-001	(L)S15731-001	156816-001	S16223-001	S16224-001
	-5	(R)S15730-001	(R)S15732-001			
1/4" (6.4mm)	-3	(L)S15735-001 (R)S15736-001	(L)S15737-001 (R)S15738-001	155853-001	148704-001	155453-001
	-5				148705-001	
	-7				★158756-001	
5/16" (7.9mm)	-3	(L)S15747-001	(L)S15749-001	155855-001	149692-001	155459-001
	-5	(R)S15748-001	(R)S15750-001		149691-001	
3/8" (9.5mm)	-3	(L)S15753-001	(L)S15755-001	155857-001	149939-001	155461-001
	-5	(R)S15754-001	(R)S15756-001		149938-001	
1/2" (12.7mm)	-3	(L)S15765-001	(L)S15767-001	149677-001	149676-001	S09367-001
	-5	(R)S15766-001	(R)S15768-001		149675-001	
5/8" (15.9mm)	-3	(L)S15771-001	(L)S15773-001	149954-001	149949-001	159575-001
	-5	(R)S15772-001	(R)S15774-001		149948-001	

◎ Use a DB x 1 (#7~#18) needle when using a 3/32" gauge.

◎ Needle hole dimensions for heavy materials (indicated by a ★) are shown in the figure below.

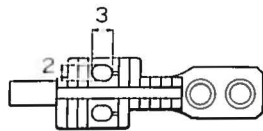




# B8450

Needle Gauge	Sub-class	Needle Clamp Set		Needle Clamp Assembly		Needle Plate Assembly	Feed Dog	Presser Foot Assembly
		(L)	(R)	(L)	(R)			
5/32" (4.0mm)	-3	(L)S15717-001	(R)S15718-001	(L)S15719-001	(R)S15720-001	S13512-101	148700-001	148689-001
	-5	(L)S15723-001	(R)S15724-001	(L)S15725-001	(R)S15726-001		148701-001	148683-001
3/16" (4.8mm)	-3	(L)S15723-001	(R)S15724-001	(L)S15725-001	(R)S15726-001	S13514-101	148702-001	148687-001
	-5	(L)S15735-001	(R)S15736-001	(L)S15737-001	(R)S15738-001		148703-001	148691-001
	-7	(L)S15747-001	(R)S15748-001	(L)S15749-001	(R)S15750-001		★S07905-001	
1/4" (6.4mm)	-3	(L)S15735-001	(R)S15736-001	(L)S15737-001	(R)S15738-001	S13510-101	148704-001	148693-001
	-5	(L)S15747-001	(R)S15748-001	(L)S15749-001	(R)S15750-001		148705-001	148695-001
	-7	(L)S15753-001	(R)S15754-001	(L)S15755-001	(R)S15756-001		★158756-001	
5/16" (7.9mm)	-3	(L)S15747-001	(R)S15748-001	(L)S15749-001	(R)S15750-001	S13516-101	149692-001	149689-001
	-5	(L)S15753-001	(R)S15754-001	(L)S15755-001	(R)S15756-001		149691-001	149687-001
3/8" (9.5mm)	-3	(L)S15753-001	(R)S15754-001	(L)S15755-001	(R)S15756-001	S13518-101	149939-001	149942-001
	-5	(L)S15753-001	(R)S15754-001	(L)S15755-001	(R)S15756-001		149938-001	149940-001

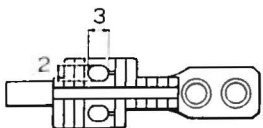
© Needle hole dimensions for heavy materials (indicated by a ★) are shown in the figure below.









# B8750

Needle Gauge	Sub-class	Needle Clamp Set		Needle Clamp Assembly		Needle Plate Assembly	Feed Dog	Presser Foot Assembly
		(L)	(R)	(L)	(R)			
5/32" (4.0mm)	-3	(L)S15717-001	(R)S15718-001	(L)S15719-001	(R)S15720-001	S13512-101	148700-001	155455-001
	-5	(L)S15723-001	(R)S15724-001	(L)S15725-001	(R)S15726-001		148701-001	
3/16" (4.8mm)	-3	(L)S15723-001	(R)S15724-001	(L)S15725-001	(R)S15726-001	S13514-101	148702-001	155457-001
	-5	(L)S15735-001	(R)S15736-001	(L)S15737-001	(R)S15738-001		148703-001	
	-7	(L)S15747-001	(R)S15748-001	(L)S15749-001	(R)S15750-001		★S07905-001	
1/4" (6.4mm)	-3	(L)S15735-001	(R)S15736-001	(L)S15737-001	(R)S15738-001	S13510-101	148704-001	155453-001
	-5	(L)S15747-001	(R)S15748-001	(L)S15749-001	(R)S15750-001		148705-001	
	-7	(L)S15753-001	(R)S15754-001	(L)S15755-001	(R)S15756-001		★158756-001	
5/16" (7.9mm)	-3	(L)S15747-001	(R)S15748-001	(L)S15749-001	(R)S15750-001	S13516-101	149692-001	155459-001
	-5	(L)S15753-001	(R)S15754-001	(L)S15755-001	(R)S15756-001		149691-001	
3/8" (9.5mm)	-3	(L)S15753-001	(R)S15754-001	(L)S15755-001	(R)S15756-001	S13518-101	149939-001	155461-001
	-5	(L)S15753-001	(R)S15754-001	(L)S15755-001	(R)S15756-001		149938-001	

© Needle hole dimensions for heavy materials (indicated by a ★) are shown in the figure below.



# B838

Needle Gauge	Sub-class	Needle Clamp Assembly 	Needle Plate 	Feed Dog 	Presser Foot		Slide Plate (L) Assembly 
					Inner Clamp 	Outer Clamp 	
1/8" (3.2mm)	-5	183190-001	158429-001	158430-001	183191-001	158431-001	112606-001
3/16" (4.8mm)	-5	S13628-001	S13585-001	S13588-001	S13629-001	S13587-001	
1/4" (6.4mm)	-5	183095-001	153881-001	153882-001	183096-001	153885-001	
3/8" (9.5mm)	-5	183097-001	153886-001	153887-001	183098-001	153890-001	
1/2" (12.7mm)	-5	183099-001	153891-001	153892-001	183100-001	153895-001	
5/8" (15.9mm)	-5	183101-001	153896-001	153897-001	183102-001	153900-001	
3/4" (19.1mm)	-5	183103-001	153901-001	153902-001	183104-001	153905-001	
1" (25.4mm)	-5	183105-001	153906-001	153907-001	183106-001	153910-001	



