

# SL-746A

# SL-748A

Single Needle Straight Lock Stitcher  
with Large Hook

Single Needle Straight Lock Stitcher  
with Large Hook and Thread Trimmer



## Model

SL-746A-□

Application	
5	For heavy materials (For denim)
7	For heavy materials (For leather, tent)
8	For stitching

SL-748 A-□0□ / □

Device			
	Quick back	Thread wiper	Presser foot lifter
1*1	-	-	-
3*2	○	-	-
4	○	○	-
9	○	○	○ (Solenoid)

Application	
5	For heavy materials (For denim)
7	For heavy materials (For leather, tent)

Operation panel	
E-0	
F-20	
F-40	
F-100	

\*1 Device 1 is only for export.

\*2 Device 3 is only for Japan.

## Specifications

		SL-746A-5	SL-746A-7	SL-746A-8	SL-748A-□05	SL-748A-□07
Application		For heavy materials		For stitching	For heavy materials	
		Denim	Leather, tent		Denim	Leather, tent
Max. speed		4,000 rpm	2,500 rpm	2,000 rpm	4,000 rpm	3,000 rpm
Max. stitch length		5 mm	10 mm	10 mm	5 mm	7 mm
Needle bar stroke		34.2 mm	34.2 mm	35 mm	34.2 mm	34.2 mm
Thread take-up stroke		73.6 mm	73.6 mm	76 mm	73.6 mm	73.6 mm
Height of presser foot	Manual	6 mm				
	Knee	13 mm				
	Auto	-			8 mm	8 mm
Feed dog	Type	3 row				
	Height	1.2 mm	1.2 mm	1.0 mm	1.2 mm	1.2 mm
Needle		DB x 1 #22 DP x 5	DB x 1 #22 DP x 5	DB x 1ST #22	DB x 1 #22 DP x 5	DB x 1 #22 DP x 5
Hook		Large rotary hook				
Bed size		476 x 178 mm				
Arm pocket size		266.5 x 134.5 mm				

## Operation panel

F-100 for export



F-100 For Japan



F-40



F-20 \*1



E-0 \*1

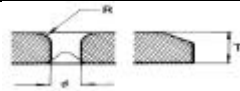



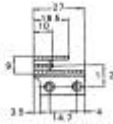
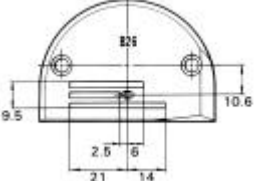
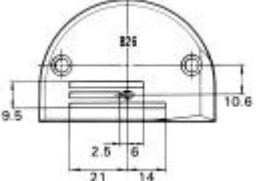


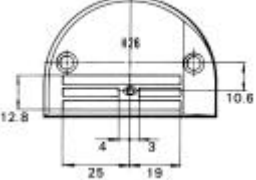


\*1: F-20 and E-0 panels are for export only.

## Panel operation guide

Basic function		Panel	F - 100	F - 40	F - 20	E - 0
Switch						
	Automatic sewing		○	○	○	-
	Start backtack (0-9)		○	○	○	-
	End backtack (0-9)		○	○	○	-
	Continuous backtack (0-9)		○	○	-	-
	Correction sewing		○	○	○	-
	Half stitch		○	○	○	-
	Sewing speed setting		○	○	○	-
	Slow start sewing		○	○	○	-
	Needle up stop / Needle down stop		○	○	○	-
Pattern sewing						
	Normal lock stitch		○	○	○	○
	Fixed stitch (1-99)		○	○	○	-
	Name label stitch (1-99)		○	○	-	-
	Pleats presser stitch (1-99)		○	○	-	-
<b>PATTERN</b>	Pattern stitch		○	-	-	-
Pattern setting						
	Automatic thread trimming		○	○	○	-
	Automatic presser foot lifting		○	-	-	-
<b>BACK</b>	Back stitch		○	-	-	-
<b>CONTINUE</b>	Continuous stitch		○	-	-	-
<b>DELETE</b>	Step deletion		○	-	-	-
<b>INSERT</b>	Step insertion		○	-	-	-
<b>FREE</b>	Temporarily cancel programming sewing		○	-	-	-

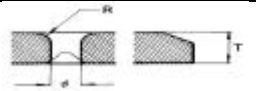
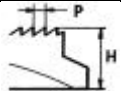
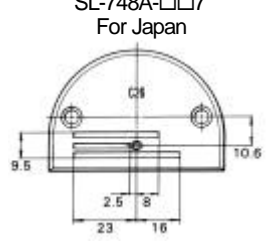
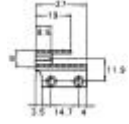


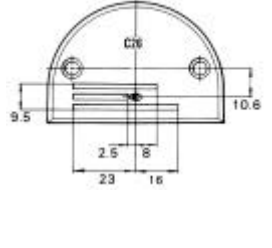
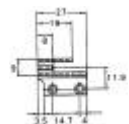


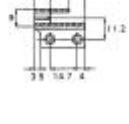
# Gauge parts list

Application	Needle plate				Feed dog			Presser foot assy	
	φ	R	T		P	H			
Heavy materials	2.2	1	2.8	100267-001	B22	2.1	6.7	144500-001	SL-746A-5 & SL-748A-□□5 145157-101  S36904-001  These presser foot have chamfering corner on the needle location
	2.6	2.1	2.8	111241-001	B26			S02743-001 SL-746A-5 SL-748A-□□5 	
	2.6	1	2.8	147245-001	B26	2.1	6.7	SL-746A-5 SL-748A-□□5 With slot 	
	2.6	1	3.2	150792-001	H26			159430-001 	
						1.8	6.8	150789-121  Chamfering (L) 	
						1.8	6.8	150793-001 	

\* Feed dog (150793-001) is not using the SL-748A.

\* If a feed dog measuring 11.9 mm from the screw hole center to tooth center is used, shift the feed crank and feed lifting crank 0.7 mm to the left.

# Gauge parts list

Application	Needle plate				Feed dog			Presser foot assy			
	φ	R	T		P	H					
For leather and stitching	2.6	1	2.8	111508-001	C26	1.6	6.7	147335-000	147328-201	SL-746A-7 & -8	S36908-001
				SL-748A-□□7 For Japan 							
	2.6	1	2.8	147322-101	C26N	1.6	6.7	147493-001	145157-101	SL-748A-□□7	S36904-001
				SL-746A-7 & -8 SL-748A-□□7 For export With slot 							
2.6	1	2.8	147322-101	C26N	1.6	6.7	S06628-001	S06629-001	SL-746A-7	SL-746A-8	SL-748A-□□7
											

\* If a feed dog measuring 11.9 mm from the screw hole center to tooth center is used, shift the feed crank and feed lifting crank 0.7 mm to the left.