

DB2-B201

Single Needle Straight Lock Stitcher
with thread trimmer



Model

DB2-B201-

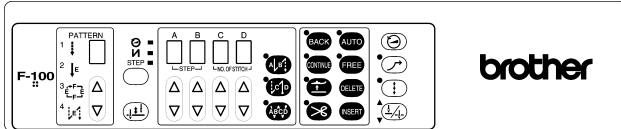
	Function			Specification	
	Quick back	Thread wiper	Presser foot lifter		
11	-	-	-	1	Thin materials
41	○	○	-	3	Medium materials
93	○	○	○	5	Heavy materials

Specifications

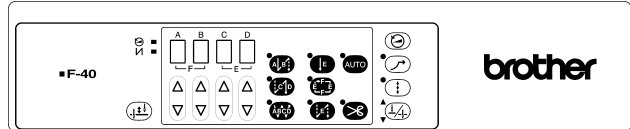
		-1	-3	-5
Application		Thin materials	Medium materials	Heavy materials
Max. speed		4,000 rpm	5,000 rpm	3,500 rpm
Max. stitch length		4.2 mm		5 mm
Needle bar stroke		31 mm		35 mm
Thread take-up stroke		57.4 mm		61 mm
Height of presser foot	Manual	6 mm		
	Knee	13 mm		
	Auto	10 mm		
Feed dog	Type	4 row		4 row (rough)
	Height	0.8 mm		1.2 mm
Needle		DB x 1 #11		DB x 1 #22
Hook		Rotary hook for thread trimming		
Lubrication		Fully-automatic lubrication		
Bed size		476 x 178 mm		
Arm pocket size		266.5 x 134.5 mm		

Operating panel

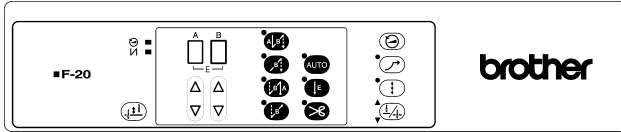
BF-100



BF-40



BF-20



BF-0



Panel operation guide

Basic function

Panel		BF-100	BF-40	BF-20	BF-0
AUTO	Automatic sewing	○	○	○	-
A B	Start backtack (0-9)	○	○	○	-
C D	End backtack (0-9)	○	○	○	-
ABCD	Continuous backtack (0-9)	○	○	-	-
↓	Correction sewing	○	○	○	-
↓	Half stitch	○	○	○	-
⌚	Sewing speed setting	○	○	○	-
↶	Slow start sewing	○	○	○	-
↑/↓	Needle up stop / Needle down stop	○	○	○	-

Pattern sewing

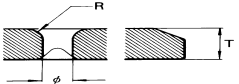
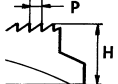
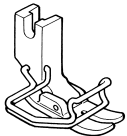
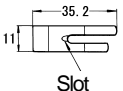
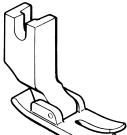
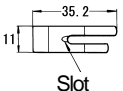
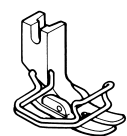
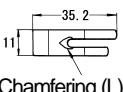
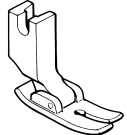
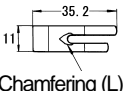
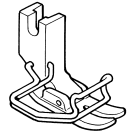
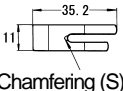
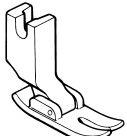
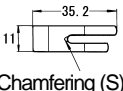
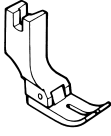
Panel		BF-100	BF-40	BF-20	BF-0
↓	Normal lock stitch	○	○	○	○
↓E	Fixed stitch (1-99)	○	○	○	-
E F	Name label stitch (1-99)	○	○	-	-
E F	Pleats presser stitch (1-99)	○	○	-	-
PATTERN	Pattern stitch	○	-	-	-

Pattern setting

✂	Automatic thread trimming	○	○	○	-
↑	Automatic presser foot lifting	○	-	-	-
BACK	Back stitch	○	-	-	-
CONTINUE	Continuous stitch	○	-	-	-
DELETE	Step deletion	○	-	-	-
INSERT	Step insertion	○	-	-	-
FREE	Temporarily cancel programming sewing	○	-	-	-

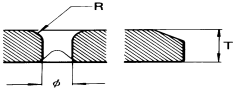
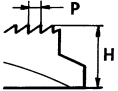
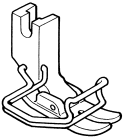
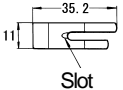

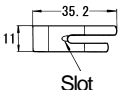
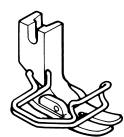
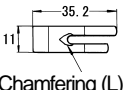
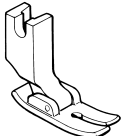
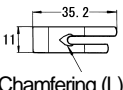

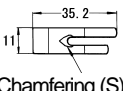
GAUGE PARTS LIST

3ROW

Application	Needle plate				Feed dog			Presser foot assy		
	φ	R	T		P	H				
Thin & Medium materials	1.2	0.2	2.1	153147-001	B12	1.15	6	146231-001	S36902-021	  <p>Slot</p>
	1.4	0.2	2.1	146233-001	B14				153037-201	  <p>Slot</p>
	1.4	0.2	2.1	S29649-001	NB14M				S36905-001	  <p>Chamfering (L)</p>
	1.6	0.2	2.1	S29646-001	NB16M				113280-101	  <p>Chamfering (L)</p>
	1.4	0.2	2.8	146050-001	B14	1.15	6.7	S07649-001	S38187-001	  <p>Chamfering (S)</p>
	1.4	1	2.8	147238-001	B14				140957-101	  <p>Chamfering (S)</p>
	1.6	0.2	2.8	153190-001	B16	1.6	6.7	S02742-001	S01904-001	
	1.6	1	2.8	147239-001	B16					

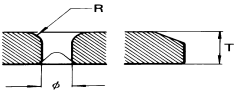
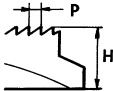
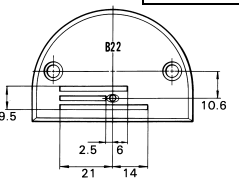
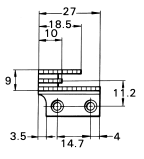

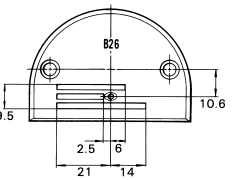

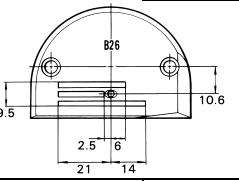

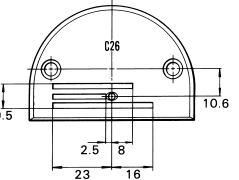
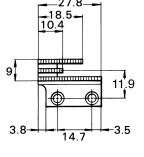

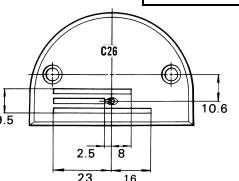
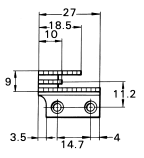
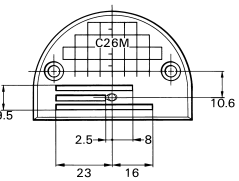
GAUGE PARTS LIST

3ROW

Application	Needle plate				Feed dog			Presser foot assy		
	ϕ	R	T		P	H				
Medium Materials	1.8	0.2	2.8	145971-001	B18	1.15	6.7	S07649-001	S36902-001	 
	1.8	0.2	2.8	S29645-001	B18M	1.6	6.7	S02742-001	153037-201	 
	1.8	1	2.8	100266-001	B18				S36905-001	 
	1.8	0.2	2.1	146232-001	B18	1.15	6	146231-001	113280-101	 
	1.8	1	2.8	141096-001	H18	1.15	6.7	117442-001	140957-101	 
	2	0.2	2.8	S11222-001	B20	1.15	6.7	S07649-001		
					1.6	6.7	S02742-001			

GAUGE PARTS LIST

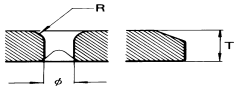
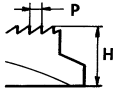
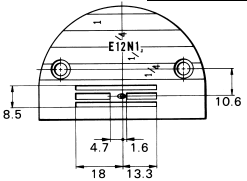
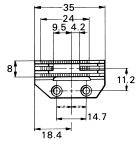
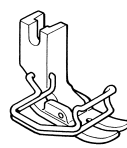
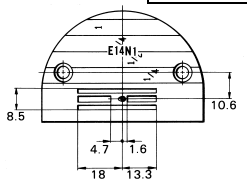
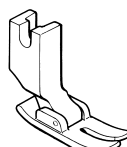
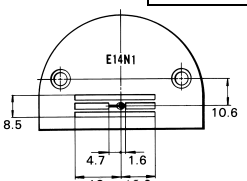
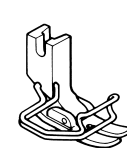
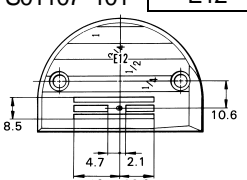
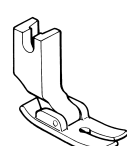
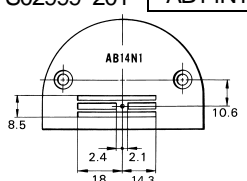
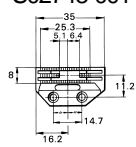
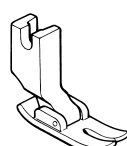
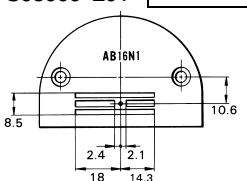
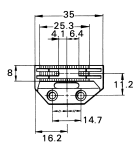
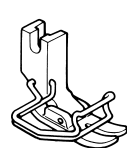
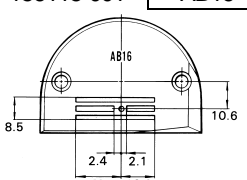
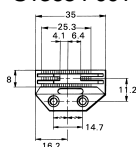
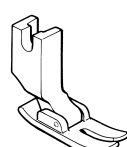
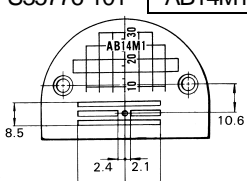
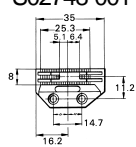
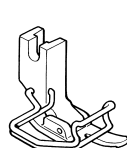
3ROW

Application	Needle plate				Feed dog			Presser foot assy
	φ	R	T		P	H		
Heavy materials	2.2	1	2.8		1.6	6.7		S36904-001  These presser foot have chamfering corner on the needle location
	2.6	1	2.8				145157-101  These presser foot have chamfering corner on the needle location	
	2.6	1 (Slot)	2.8				S36905-001  Chamfering (L)	
	2.6	1	2.8		1.6	6.8		113280-101  Chamfering (L)
	2.6	1 (Slot)	2.8		2.1	6.7		
	2.6	1	2.8					

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

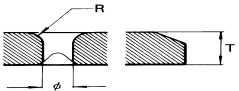
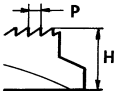
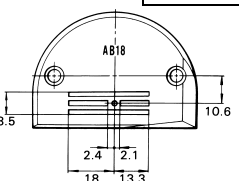
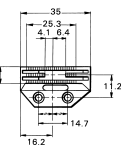

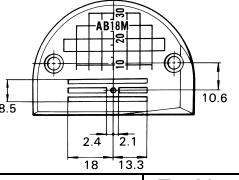

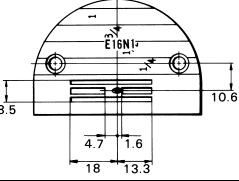
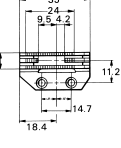

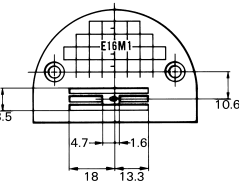
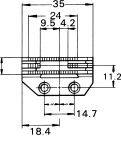

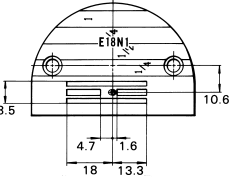
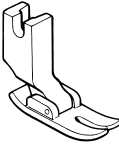
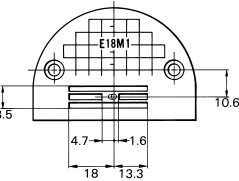


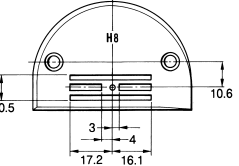
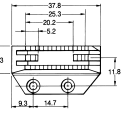
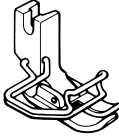
GAUGE PARTS LIST

4ROW

Application	Needle plate				Feed dog			Presser foot assy
	ϕ	R	T		P	H		
Thin & Medium materials	1.2	1	2.1		0.9	6		S36902-021 
	1.4	1	2.1					153037-201 
	1.4	1 (Slot)	2.1					S36905-001 
	1.2	1	2.1					113280-101 
	1.4	0.2	2.1		0.9	6		140957-101 
	1.4	0.2	2.1		1.15	6		S38189-001 
	1.6	0.2	2.8		1.6	6.7		147531-101 
Shin-gosen	1.4	0.2	2.1		0.9	6		S38190-001 or S35777-001 

GAUGE PARTS LIST

4ROW

Application	Needle plate				Feed dog			Presser foot assy
	ϕ	R	T		P	H		
Thin & Medium materials	1.6	0.2	2.8	 156116-001 AB18	1.6	6.7	 S13684-001	S36902-001  Slot
	1.8	0.2	2.8	 S31910-001 AB18M				153037-201  Slot
	1.6	1	2.1	 S03884-301 E16N1	0.9	6	 S03885-001	S36905-001  Chamfering (L)
	1.6	1	2.1	 S29648-101 E16M1	1.15	6	 111860-101	113280-101  Chamfering (L)
Medium materials	1.8	1	2.1	 111859-301 E18N1				140957-101  Chamfering (S)
	1.8	1	2.1	 S29647-101 E18M1				S38189-001  Chamfering (S)
								147531-101  Chamfering (S)
	1.8	1	3.2	 S30103-001 H18	1.8	6.8	 S25822-001	S36903-001 or 150789-101  Chamfering (L)

GAUGE PARTS LIST

4ROW

Application	Needle plate			Feed dog		Presser foot assy			
	ϕ	R	T	P	H				
Heavy Materials	2.6	1	3.2	150792-001	H26	1.8	6.8	150793-001	S36903-001
	2.6	1	3.2	S25821-001	H26	1.8	6.8	S25822-001	150789-101
									 Chamfering (L)