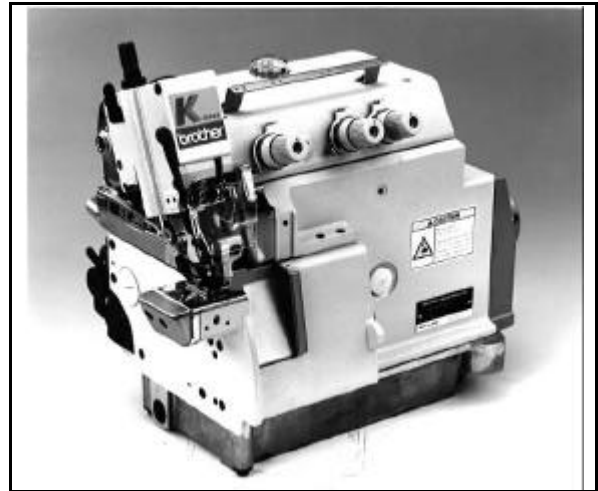


# Overlock Sewing Machine K series

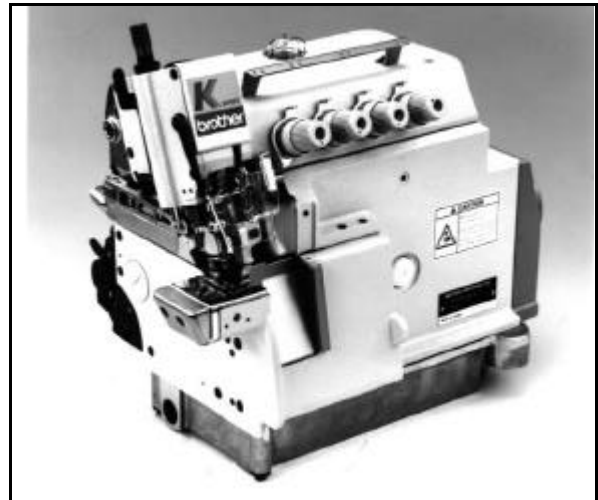
## EF3-K11

Cylinder Bed Single Needle  
Overlock Sewing Machine

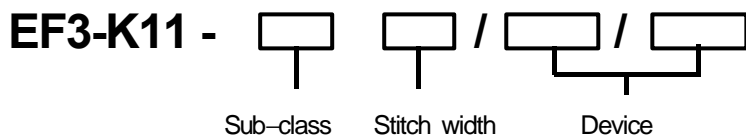


## EF3-K21

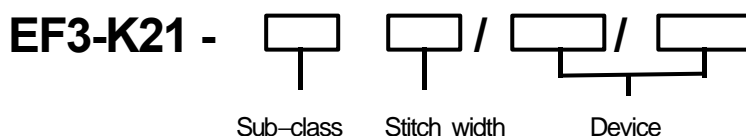
Cylinder Bed Twin Needle  
Overlock Sewing Machine



## Specifications



Sub-class	Applications	Stitch type	No. of needles	No. of threads	Needle gauge (mm)	Stitch width (mm)	Max. stitch length (mm)	Differential ratio
02 -3 -4 -5			1	3	–	3 4 5	0.8–3.7	0.8–1.8
04 -3 -4 -5			1	3	–	3 4 5	0.8–3.7	0.8–1.8
12 -3 -4 -5	 Blind hemming		1	3	–	3 4 5	0.8–3.7	0.8–1.8
52 -4	 Elastic tape attaching		1	2	–	4	0.8–3.7	0.8–1.8



Sub-class	Applications	Stitch type	No. of needles	No. of threads	Needle gauge (mm)	Stitch width (mm)	Max. stitch length (mm)	Differential ratio
03 -5 -6 -7			2	4	2	5 6 7	0.8–3.7	0.8–1.8
04 -5 -6 -7			2	4	2	5 6 7	0.8–3.7	0.8–1.8
92 -4 -5	 Versatile sewing		2	4	2	4 5	0.8–3.7	0.8–1.8

... Light-weight materials






... Heavy-weight materials






... Medium-weight materials

... Extra heavy-weight materials

Note: Changing specifications between standard, high lift and super-high lift requires a large number of part replacements.

	Device		Model
Pneumatic presser foot lifter		PL1	K11–02, 04, 12 K21–03, 04, 92
Pneumatic vertical chain cutter	Chain cutter and dust box	CV1	K11–02, 04, 12 K21–03, 04, 92
	Chain cutter only	CV7	
Metering and inserting device with tape cutter		MC3	K11–52
Automatic tape feeder	Vertical type	TFV	K11–52

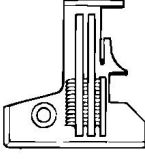
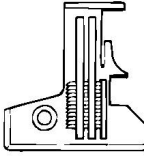
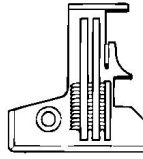
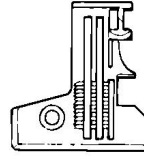
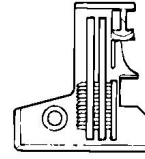
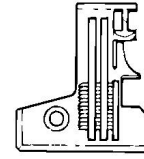
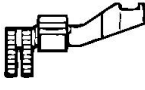
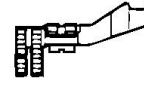
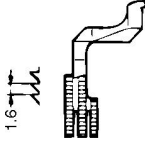
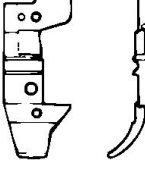




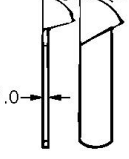
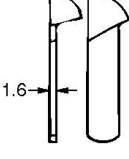
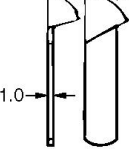
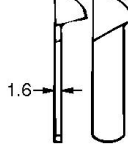
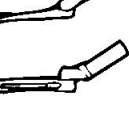
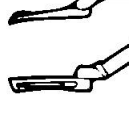
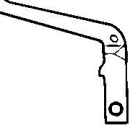
 Height of presser foot (mm)	 Pitch of feed dog (mm)	 Type of feed dog (standard)	 Needle size (DC x 27)	 Max. speed (rpm)	Looper locus	Attachment
5	1.6	3-Row	9	8,500	S	
7	1.6	3-Row	11	6,500	SH	
5.5	1.6	2-Row	9	8,500	S	Blind hemming ruler
5.5	1.6	3-Row	9	7,000	H	MC3 device

 Height of presser foot (mm)	 Pitch of feed dog (mm)	 Type of feed dog (standard)	 Needle size (DC x 27)	 Max. speed (rpm)	Looper locus	Attachment
5.5	1.6	3-Row	9	7,500	H	
7	1.6	3-Row	11	6,500	SH	
5.5	1.6	2-Row	9	8,000	S	Cloth plate Blind hemming ruler

Over-looper locus: S ... Standard lift  
H ... High lift  
SH ... Super high lift

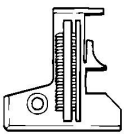
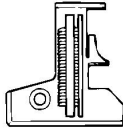
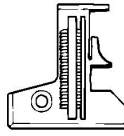
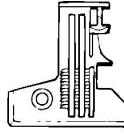
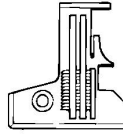
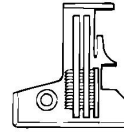
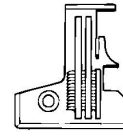
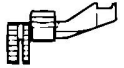
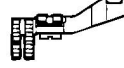
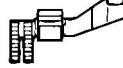
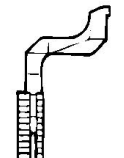
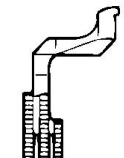
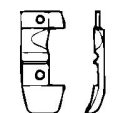
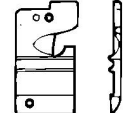
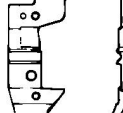




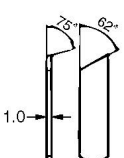
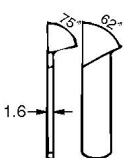
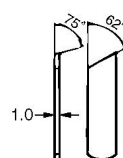
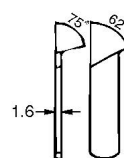
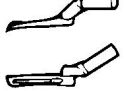
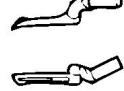
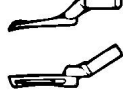
# Gauge parts list

[Models EF3-K11]

Sub-class	02-3	02-4	02-5	04-3	04-4	04-5
C-26 Needle	151474-009	←	←	151474-011	←	←
C-31 Needle plate	SP1160-001	SP1161-001	SP1162-001	SP1163-001	SP1164-001	SP1165-001
						
G-35 Main feed dog assy	SP1320-001	←	←	SP1323-001	←	←
						
G-41 Differential feed dog	SP1340-001	←	←	←	←	←
						
F-40 Presser foot	SP1210-001	←	←	←	←	←
						
F-41, F-47 Presser foot finger	SP1211-001	SP1212-001	←	SP1211-001	SP1212-001	←
						
H-17 Lower knife	SP1364-001	SP1363-001	←	SP1364-001	SP1363-001	←
						
K-27 Upper looper	SP1402-001	←	←	SP1403-001	←	←
						
J-16 Lower looper	SP1427-001	←	←	←	←	←
						

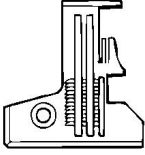
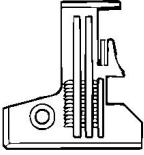
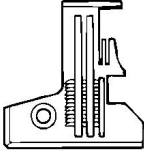
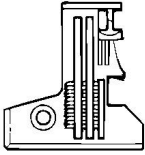
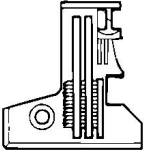
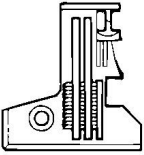
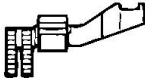
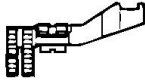
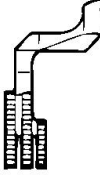
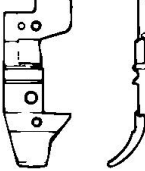




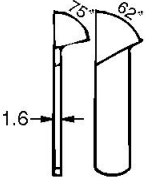
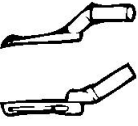
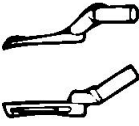
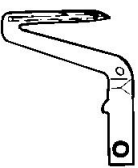
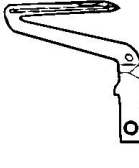
# Gauge parts list

[Models EF3-K11]

Sub-class	12-3	12-4	12-5	52-4	04-3 Option	04-4 Option	04-5 Option
C-26 Needle	151474-009	←	←	151474-011	←	←	←
C-31 Needle plate	SP1166-001 	SP1167-001 	SP1168-001 	SP1169-001 	SP1160-001 	SP1161-001 	SP1162-001 
G-35 Main feed dog assy	SP1325-001 	←	←	SP1327-001 	SP1320-001 	←	←
G-41 Differential feed dog	SP1341-001 	←	←	SP1340-001 	←	←	←
F-40 Presser foot	SP1215-001 	←	←	SP1220-001 	SP1210-001 	←	←
F-41, F-47 Presser foot finger	SP1216-001 	SP1217-001 	←	/	SP1211-001 	SP1212-001 	←
H-17 Lower knife	SP1364-001 	SP1363-001 	←	←	SP1364-001 	SP1363-001 	←
K-27 Upper looper	SP1402-001 	←	←	SP1404-001 	SP1403-001 	←	←
J-16 Lower looper	←	←	←	←	←	←	←

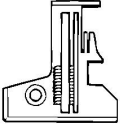
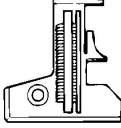
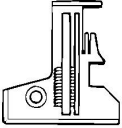
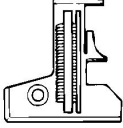
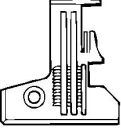
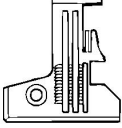
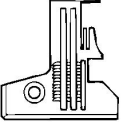
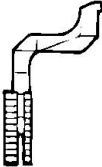
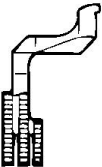
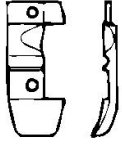
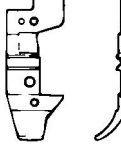






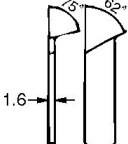
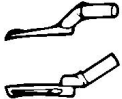
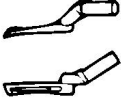
# Gauge parts list

[Models EF3-K21]

Sub-class	03-5	03-6	03-7	04-5	04-6	04-7
C-26 Needle	151479-009	←	←	151479-011	←	←
C-31 Needle plate	SP1170-001	SP1171-001	SP1172-001	SP1173-001	SP1174-001	SP1175-001
						
G-35 Main feed dog assy	SP1320-001	←	←	SP1323-001	←	←
						
G-41 Differential feed dog	SP1340-001	←	←	←	←	←
						
F-40 Presser foot	SP1210-001	←	←	←	←	←
						
F-41, F-47 Presser foot finger	SP1234-001	SP1235-001	←	SP1234-001	SP1235-001	←
						
H-17 Lower knife	SP1363-001	←	←	←	←	←
						
K-27 Upper looper	SP1406-001	←	←	SP1403-001	←	←
						
J-16 Lower looper	SP1428-001	←	←	SP1427-001	←	←
						

# Gauge parts list

[Models EF3-K21]

Sub-class	92-4		92-5		04-5 Option	04-6 Option	04-7 Option
C-26 Needle	151479-009		←		151479-011	←	←
C-31 Needle plate	SP1176-001	SP1167-001	SP1177-001	SP1167-001	SP1170-001	SP1171-001	SP1172-001
				 (Accessories)			
G-35 Main feed dog assy	SP1325-001		←		SP1320-001	←	←
G-41 Differential feed dog	SP1341-001		←		SP1340-001	←	←
							
F-40 Presser foot	SP1215-001		←		SP1210-001	←	←
							
F-41, F-47 Presser foot finger	SP1236-001	SP1217-001	SP1234-001	SP1217-001	SP1234-001	SP1235-001	←
				 (Accessories)			
H-17 Lower knife	SP1363-001		←		←	←	←
							
K-27 Upper looper	SP1405-001		←		SP1403-001	←	←
							
J-16 Lower looper	SP1427-001		←		←	←	←
	