

KM-4300

Lockstitch Bar Tacker



KM-4300-□

Specifications	-1	-2	-5	-7
Main uses	Ordinary clothes	Denim	Ordinary clothes	Knitted clothes
Decorative stitching				
Number of stitches	42		28	
Tack length	7 – 16	7 – 20	4 – 10	4 – 8
Tack width	1 – 2	1 – 3	1 – 2	1-2
Needle	DP x 5 #16	DP x 17 #19	DP x 5 #16	DP x 5 #9
Presser foot stroke	17 mm			
Sewing speed	2,000 rpm			

*The maximum possible bar tack length and width for this machine are given above.

Power table

		Model code
Motor and switch assembly	Single phase	184-257-001 (220V)
		184-258-001 (235V)
	Three phase	184-270-001 (220V, 380V)
		184-269-001 (415V)

*If purchasing a motor separately, select either of the following types.

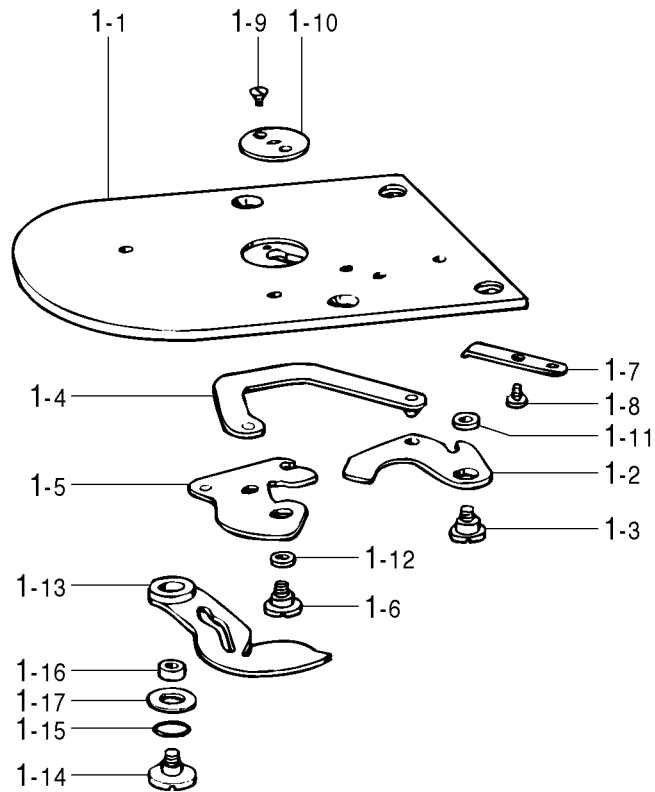
Single phase 100V	4 pole 250W motor
Three phase 200V	4 pole 250W motor

Motor pulley and belts

The maximum sewing speed of this sewing machine is 2,300 rpm. However, if synthetic fiber is used for the cloth and thread, the machine should be used at a speed of 2,000 rpm to prevent the thread from breaking through overheating. If you wish to use a 1,800 or 2,300 rpm motor pulley and belts, purchase one of the following models separately.

Frequency	Sewing speed	Motor pulley	High speed belt (in.)	Low speed belt (in.)
50Hz	2,300	154540-0-01	082105-2-90 (52)	082104-8-91 (48)
	2,000			
	1,800	153109-0-01	082105-1-90 (51)	
60HZ	2,300	154541-0-01	182105-1-90 (51)	
	2,000			
	1,800	153108-0-01	082105-0-90 (50)	

Option parts



Ref. No.	Part name	Part code	Q'ty
1	Needle plate assy, S	18426-001	1
1-1	Needle plate, S	152995-001	1
1-2	Knife arm (C)	152981-001	1
1-3	Screw, SM4.37	153222-001	1
1-4	Thread trimmer connecting rod	152897-201	1
1-5	Movable knife assy	152901-001	1
1-6	Screw, SM4.37	152904-001	1
1-7	Fixed knife	152905-001	1
1-8	Screw, SM2.38	11114-002	2
1-9	Screw, flat SM2.38	100360-003	2
1-10	Needle hole plate, B	156150-001	1
1-11	Knife arm collar, C	153220-001	1
1-12	Collar, ;movable knife	153219-001	1
1-13	Lower thread retainer (A)	152906-101	1
1-14	Screw 4.37	153598-001	1
1-15	O ring, P8	081008-070	1
1-16	Retainer collar, ;L-thread	153597-001	1
1-17	Washer	153596-001	1

Different parts list

Subclass	Parts Spec.	Needle DP	Presser arm assembly	Work clamp (R)	Work clamp (L)	Spring	Feed plate
-1	Ordinary clothes	107415-016 (DP x 5 # 16)	152767-509	152777-001	152778-001	153568-001 (A)	153055-201
-2	Denim	145646-019 (DP x 17 # 19)	154526-509	153608-101	154527-001	154356-001 (C)	153610-101
-3	Denim						
-4	Ordinary clothes	107415-016 (DP x 5 # 16)	152767-509	152777-001	152778-001	153568-001 (A)	153055-201
-5	Ordinary clothes		153033-509	152779-001	152780-001		153207-201
-6	Denim	145646-019 (DP x 17 # 19)	154526-509	153608-101	154527-001	154356-001 (C)	153610-101
-7	Knitted materials	107415-009 (DP x 5 # 9)	153033-509	152779-001	152780-001	153568-001 (A)	152791-201
-8	Ordinary clothes	107415-016 (DP x 5 # 16)					153207-201
-9	Knitted materials	107415-009 (DP x 5 # 9)					152791-201

Subclass	Parts Spec.	Change gear (W)	Change gear (C)	Feed cam	Power cam set	Power cam assembly	Large shuttle hook	Inner rotary hook w/box
-1	Ordinary clothes	152721-000 (42)	152722-000 (42)	152727-001 (42S)	155523-201	151933-001	152682-101 (A)	152685-903 (A)
-2	Denim			153053-001 (42D)				
-3	Denim	153312-000 (35)	153313-000 (35)	153314-001 (35D)	S13165-201 (B)	S13166-001 (B)	152686-101 (B)	152687-902 (B)
-4	Ordinary clothes	152719-000 (28)	152720-000 (28)	153054-001 (28S)	155523-201	151933-001	152682-101 (A)	152685-903 (A)
-5	Ordinary clothes			153343-001 (28K)				
-6	Denim			153321-001 (28D)	S13165-201 (B)	S13166-001 (B)	152686-101 (B)	152687-902 (B)
-7	Knitted materials			152726-001 (28M)				
-8	Ordinary clothes	152721-000 (42)	152722-000 (42)	153344-001 (21K)	155523-201	151933-001	152682-101 (A)	152685-903 (A)
-9	Knitted materials			153315-001 (21M)				

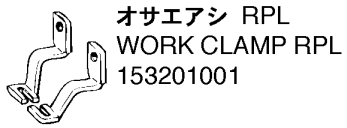
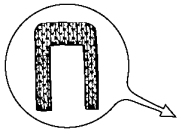
Different parts list

Subclass	Parts Spec.	Spring	Tension spring	Needle hole plate	Needle DP	Motor pulley 50HZ	Motor pulley 60HZ	V belt 50HZ
-1	Ordinary clothes	145519-001	104525-001	156150-001 (B)	107415-016 (DPx5 # 16)	154540-001 (φ 14) 154542-001 (φ 15.88)	154541-001 (φ 14) 154543-001 (φ 15.88)	082105-290 (M52)
-2	Denim	144588-001 (B)	107606-001	156151-001 (C)	145646-019 (DPx17#19)			
-3	Denim							
-4	Ordinary clothes	145519-001	104525-001	156150-001 (B)	107415-016 (DPx5 # 19)			
-5	Ordinary clothes							
-6	Denim	144588-001 (B)	107606-001	156151-001 (C)	145646-019 (DPx17#19)			
-7	Knitted materials	145519-001	104525-001	156149-001 (A)	107415-009 (DPx5#9)			
-8	Ordinary clothes			156150-001 (B)	107415-016 (DPx5 # 16)			
-9	Knitted materials			156149-001 (A)	107415-009 (DPx5#9)			

Subclass	Parts Spec.	Vベルト V belt 60HZ	シリコンオイル Silicon oil
-1	Ordinary clothes	082105-190 (M51)	S06706-001
-2	Denim		-----
-3	Denim		-----
-4	Ordinary clothes		S06706-001
-5	Ordinary clothes		
-6	Denim		-----
-7	Knitted materials		-----
-8	Ordinary clothes		S06706-001
-9	Knitted materials		-----

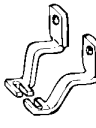
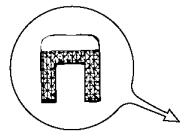
Option parts

オサエアシ LPL
WORK CLAMP LPL
153202001

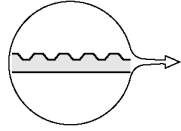


オサエアシ RPL
WORK CLAMP RPL
153201001

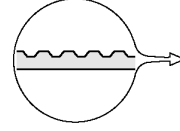
オサエアシ LPS
WORK CLAMP LPS
153204001



オサエアシ RPS
WORK CLAMP RPS
153203001

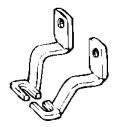
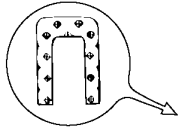


オクリイタ PL
FEED PLATE PL
153205201



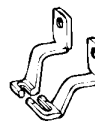
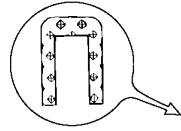
オクリイタ PS
FEED PLATE PS
153206201

オサエアシ L デニム
WORK CLAMP L DENIM
152782001

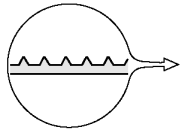


オサエアシ R デニム
WORK CLAMP R DENIM
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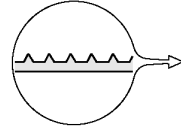
オサエアシ L1 インチ
WORK CLAMP L1 INCH
S00907001



オサエアシ R1 インチ
WORK CLAMP R1 INCH
S00906001



オクリイタデニム
FEED PLATE DENIM
152792001



オクリイタ 1 インチ
FEED PLATE 1 INCH
S00908001



ハリアナイタ G
NEEDLE HOLE PLATE G
($\phi 2.5$)
156155001



ハリアナイタ D
NEEDLE HOLE PLATE D
($\phi 2.5$ 十文字溝付き)
($\phi 2.5$ cross-shaped groove)
156152001