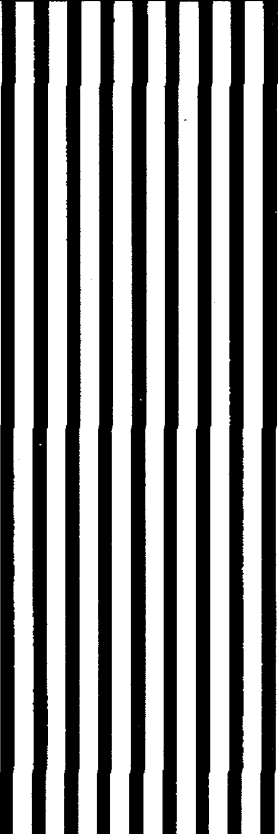


PARTS LIST

TMEF-H

[H-II]

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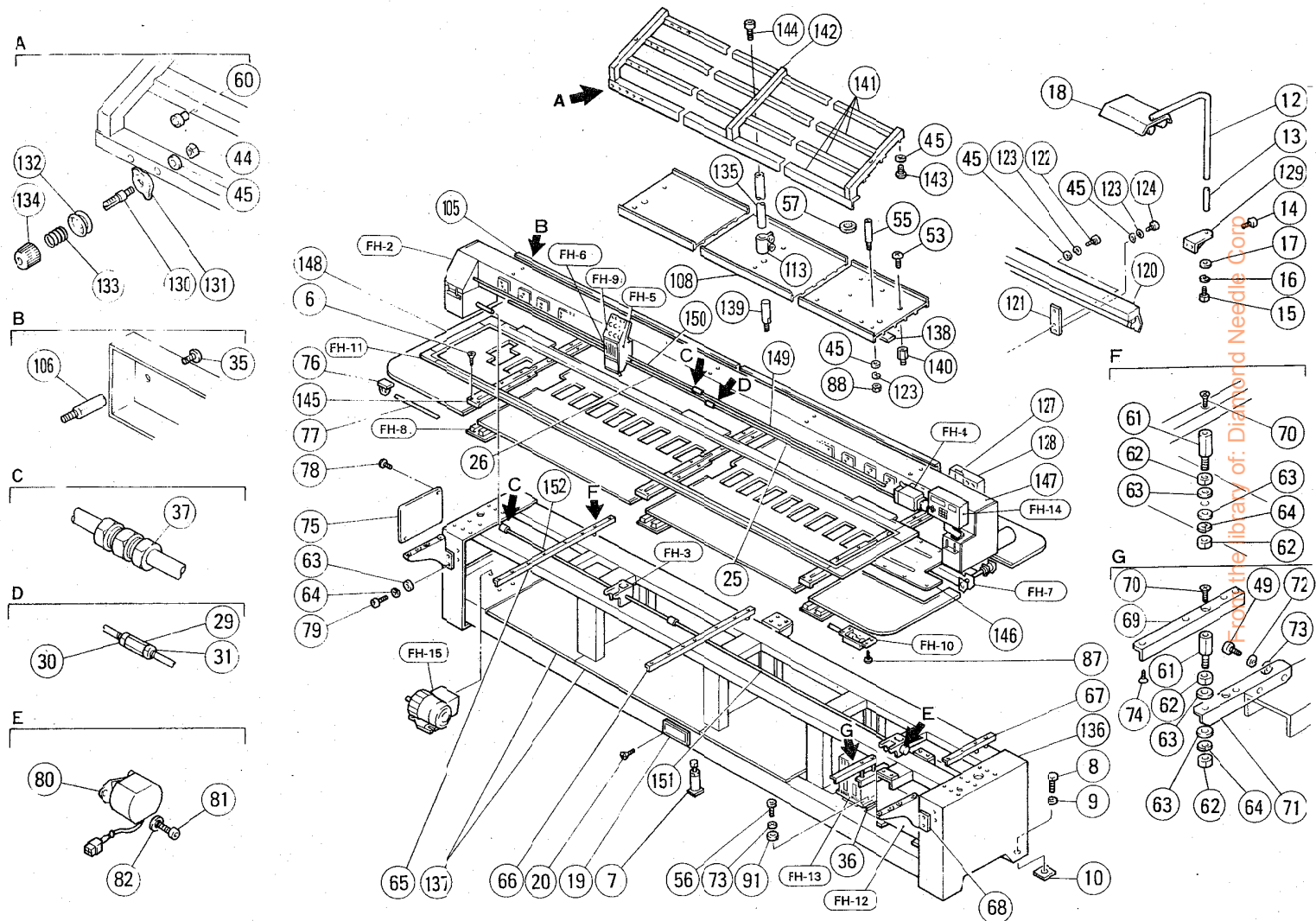
TAJIMA

P-FH28-E

TMEF-H

GENERAL VIEW

FH-1

**TAJIMA**

(9310)

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[Explanation of Marks # 's and * 's at End of Part No.]

- ◇ Please specify, in the following manner, your machine model, manufacturing number and embroidery space when you order us with the parts having * * * * at the end of the part No. :

Ex. : TMEF-H612 (450 X 275)S, No. 01234
[Model] [Emb. Space] [Mfg. No.]

- ◇ Please specify the number of needles on your machine's head in your parts order by changing the marks # # # # into one of the 4-digit numbers below :

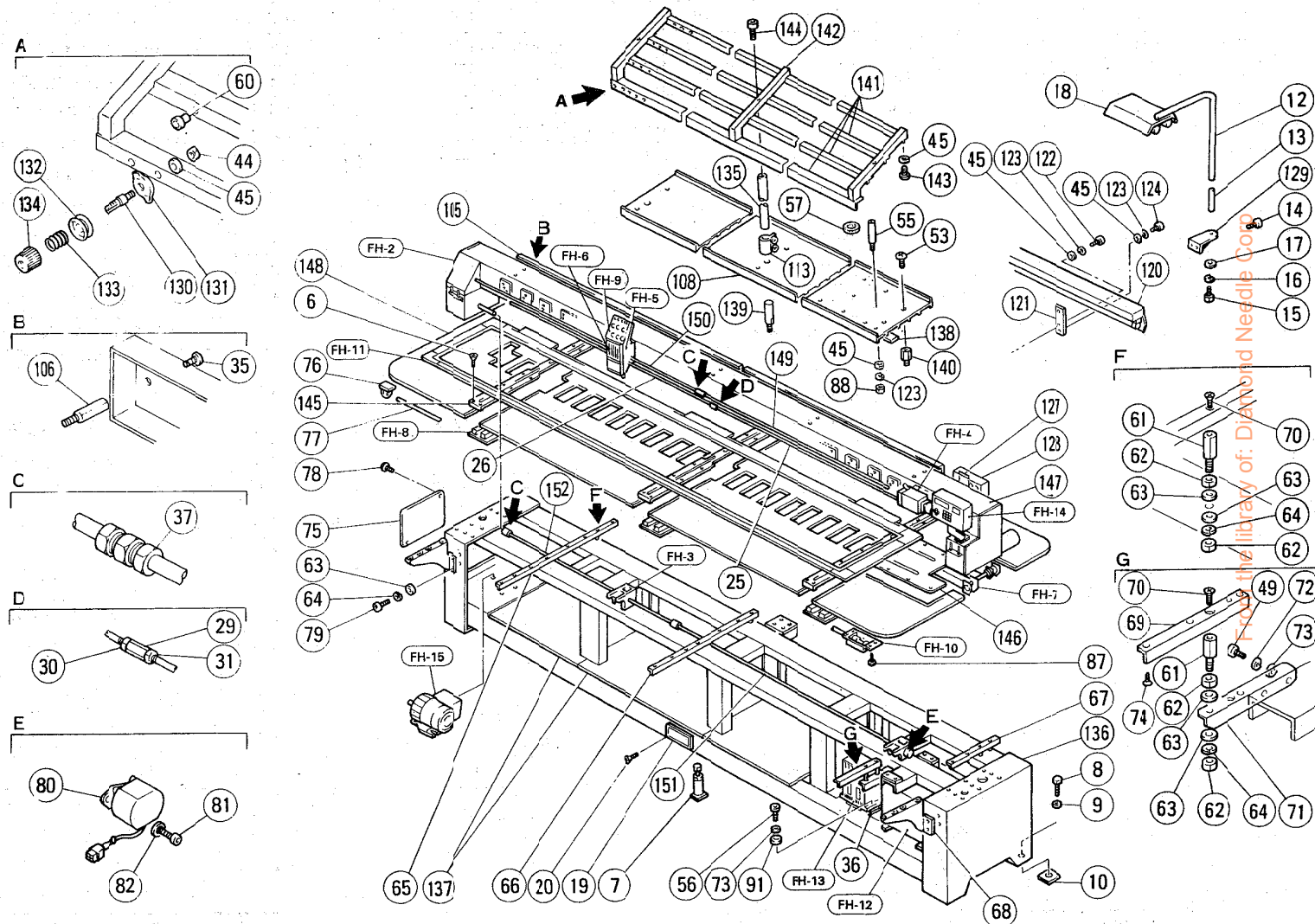
Ex. : The part Number, EF012345 # # # #
4-digit Numbers Machine Type
0300 3-needle machine
0400 4-needle machine
0600 6-needle machine
0900 9-needle machine

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TMEF-H

GENERAL VIEW

FH-1

**TAJIMA**

(9310)

TMEF-H GENERAL VIEW

FH-1

Ref No.	Description	Part No.	Remark	Ref No.	Description	Part No.	Remark
6	Countersunk Head Wood Screw		3.1P * 13L	60	Thread Guide B (Red)	E F 0 9 4 2 B 0 0 0 0 0	
7	Stand Stud Bolt	E F 0 8 0 8 0 0 0 0 0 0		61	Table Support Stud	E F 1 0 0 1 0 0 0 0 0 0	
8	Adjusting Bolt	E F 0 8 0 9 0 0 0 0 0 0		62	Hexagon Nut		M8
9	Hexagon Nut		M20	63	Plain Washer		M8
10	Vibration-preventive Base	E F 0 8 1 0 0 0 0 0 0 0		64	Spring Washer		M8
12	Fluorescent Lamp Stand Pipe	E F 0 8 1 2 0 0 0 0 0 0	OPTION	65	No.1 Table Support	E F 1 0 0 2 0 0 * * * *	
13	Fluorescent Lamp Pipe Support	E F 0 8 1 3 0 0 0 0 0 0	OPTION	66	No.2 Table Support	E F 1 0 0 3 0 0 * * * *	
14	Hexagon Socket Head Cap Screw	S S 6 2 0 6 2 0 0 C C 0	M6 * 20L	67	No.3 Table Support	E F 1 0 0 4 0 0 * * * *	
15	High-tensile Hexagon Bolt	S S 9 3 1 0 4 0 0 T N 0	M10 * 40L	68	No.4 Table Support	E F 1 0 0 5 0 0 * * * *	
16	Spring Washer		M10	69	No.5 Table Support	E F 1 0 0 6 0 0 * * * *	
17	Plain Washer		M10	70	Countersunk Head Screw	S S 1 1 0 6 1 5 0 S C 0	M6 * 15L
18	Fluorescent Lamp	E F 7 4 0 1 0 0 * * * *	OPTION	71	Table Support Bracket R	E G 1 0 0 5 R 0 * * * *	
19	TAJIMA Brand Name Plate	E F 0 8 1 4 0 0 0 0 0 0		72	Spring Washer		M6
20	Countersunk Head Screw	S S 1 1 0 4 1 2 0 S D 0	M4 * 12L	73	Plain Washer		M6
25	Slide Shaft A	E F 0 8 2 3 A 0 * * * *		74	Round Head Wood Screw		5.1P * 25L
26	Slide Shaft B	E F 0 8 2 3 B 0 * * * *		75	Left Side Plate Cover	E F 0 8 0 7 0 0 0 0 0 0	
29	M6 Joint	E F 0 8 2 7 0 1 0 0 0 0		76	Bar Switch Support	E F 1 1 0 8 0 0 * * * *	
30	Hexagon Nut		M6	77	Switch Bar	E F 1 1 0 9 0 0 * * * *	
31	Hexagon Nut (Counterclockwise)		M6	78	Truss Head Screw	S S 0 1 0 5 0 8 0 S A 0	M5 * 8L
35	Truss Head Screw	S M 0 1 0 9 0 6 S A 0 0	9/64 * 40 * 6L	79	Hexagon Socket Head Cap Screw	S S 6 2 0 8 3 0 0 C C 0	M8 * 30L
36	Vibration-preventive Rubber A	E F 0 8 3 3 A 0 0 0 0 0		80	Rotary Encoder	E F 6 6 0 0 0 0 0 0 0 0	RH-1000-05SA
37	N-Coupling	N 1 5 0 1 5 0 0 0 0 0 0	N-15-15	81	Hexagon Socket Head Cap Screw	S S 6 2 0 3 0 8 0 C C 0	M3 * 8L
44	Hexagon Nut		11/64 * 40	82	Plain Washer		M3
45	Plain Washer		M5	87	Round Head Wood Screw		4.5P * 20L
49	Hexagon Socket Head Cap Screw	S S 6 2 0 6 1 5 0 C C 0	M6 * 15L	88	Hexagon Nut		M5
53	Truss Head Screw	S S 0 1 0 4 1 0 0 S D 0	M4 * 10L	91	Vibration-preventive Rubber B	E F 0 8 3 3 B 0 0 0 0 0	
55	Thread Stand Stud	E F 0 9 3 9 0 1 0 0 0 0		104	No.1 Wiring Cover	A X 0 8 0 4 A 0 * * * *	
56	Hexagon Socket Head Cap Screw	S S 6 2 0 6 3 0 0 C C 0	M6 * 30L	105	No.2 Wiring Cover	A X 0 8 0 4 B 0 * * * *	
57	Thread Stand Felt	E F 0 9 4 0 0 0 0 0 0 0		106	Wiring Cover Stud	E G 0 8 0 8 0 0 0 0 0 0	
60	Thread Guide A (White)	E F 0 9 4 2 A 0 0 0 0 0		108	Thread Stand Plate	M X 0 8 0 5 0 0 * * * *	

Note: As for parts with marks # or *, please follow our instructions on Table of Contents, in your parts order.

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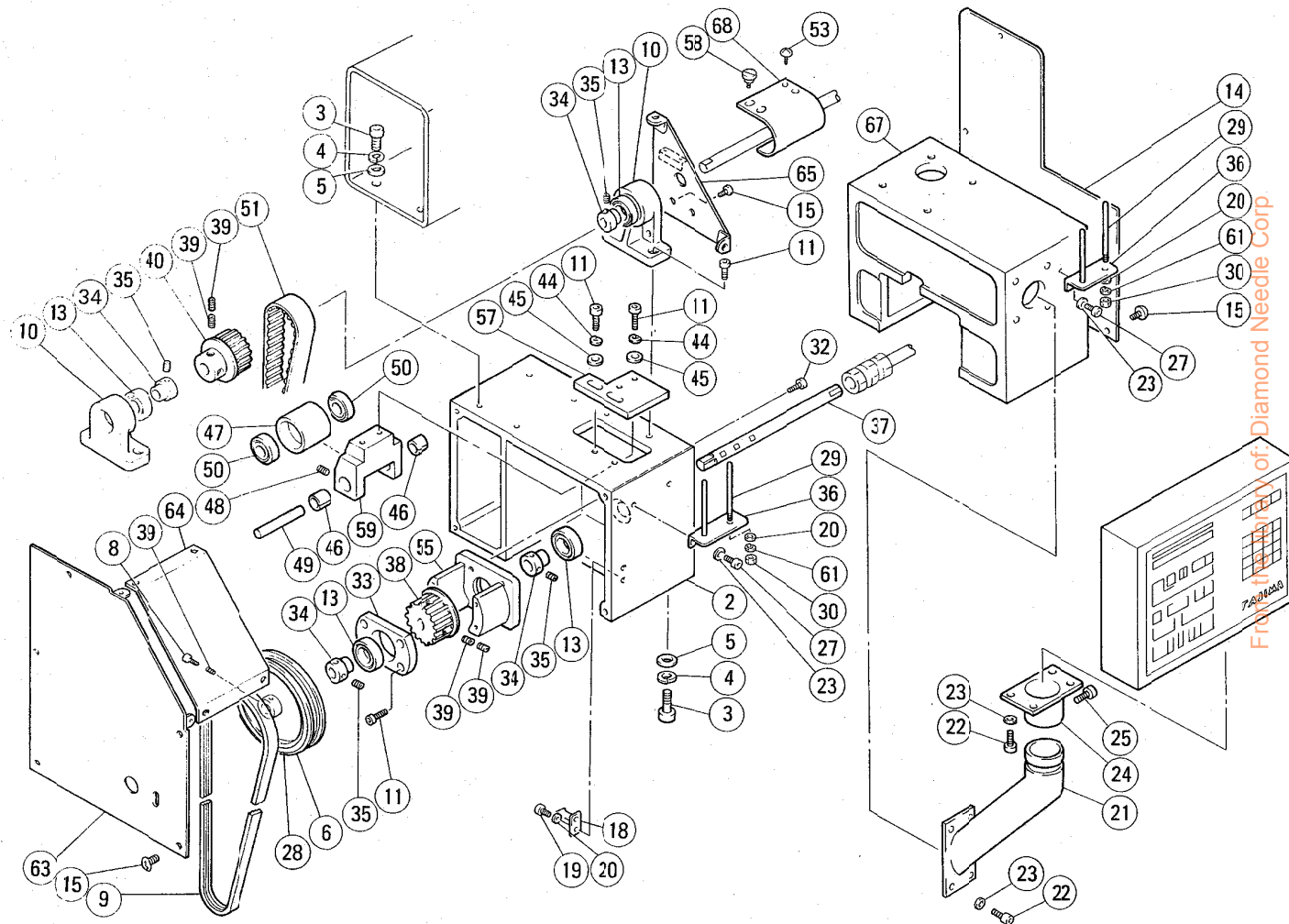
TMEF-H GENERAL VIEW

FH-1

Ref No.	Description	Part No.	Remark	Ref No.	Description	Part No.	Remark
111	Countersunk Head Screw	SS 1 1 0 5 1 0 0 S A 0	M5 * 10L	145	No.1 Table Lid B	MX 0 8 0 6 B 0 * * * *	Belt Width:50mm
113	Thread Stand Shaft Joint Collar	F P L 2 W B S N 0 0 0 0		146	No.2 Table Lid	MX 0 8 0 7 0 0 * * * *	
120	Fluorescent Lamp	E G 7 4 0 1 0 0 * * * *		147	Arm Support Square Pipe	G X 0 8 0 3 0 0 * * * *	
121	Fluorescent Lamp Bracket	E G 0 8 1 7 0 0 0 0 0 0		147	Arm Support Square Pipe	G X G 8 0 3 0 0 * * * *	G-Spec. M/C
122	Hexagon Socket Head Cap Screw	SS 6 2 0 5 1 5 0 C C 0	M5 * 15L	148	Table	MX 0 8 0 2 0 0 * * * *	
123	Spring Washer		M5	149	Needle Bar Drive Shaft A	MX 0 8 1 0 A 0 * * * *	
124	Hexagon Socket Head Cap Screw	SS 6 2 0 5 0 8 0 C C 0	M5 * 8L	150	Needle Bar Drive Shaft B	G X 0 8 1 0 B 1 * * * *	
127	TC Joint 3 Card	E G 7 2 0 4 0 0 0 0 0 0		151	Rotary Hook Shaft Drive Shaft A	MX 0 8 1 2 A 0 * * * *	
128	TC Joint Box	F H 7 2 0 1 0 0 0 0 0 0		152	Rotary Hook Shaft Drive Shaft B	MX 0 8 1 2 B 0 * * * *	
129	Fluorescent Lamp Pipe Base D	E F 0 8 1 1 D 0 0 0 0 0 0	L=85mm Opt.				
129	Fluorescent Lamp Pipe Base E	E F 0 8 1 1 E 0 0 0 0 0 0	L=165mm Opt.				
130	First Tension Stud	L G 0 9 1 8 0 0 0 0 0 0					
131	First Tension Thread Course	L G 0 9 1 9 0 1 0 0 0 0					
132	First Tension Disk	L G 0 9 2 0 0 0 0 0 0 0 0					
133	First Tension Spring	L G 0 9 2 1 0 1 0 0 0 0					
134	First Tension Regulator	L G 0 9 2 2 0 0 0 0 0 0					
135	Thread Stand Shaft B	E F 0 9 3 7 B 0 0 0 0 0 0					
136	Stand	F H 0 8 0 1 0 1 * * * *					
136	Stand	F H M 8 0 1 0 1 * * * *	M-Spec. M/C				
136	Stand	F H G 8 0 1 0 1 * * * *	G-Spec. M/C				
137	Shelf Plate	F H 0 8 1 5 0 1 * * * *					
137	Shelf Plate	F H G 8 1 5 0 1 * * * *	G-Spec. M/C				
138	Thread Stand Plate Felt	MX 0 8 0 5 1 1 * * * *					
139	Thread Stand Stud, Lower	MX 0 8 2 0 0 1 0 0 0 0					
140	Thread Stand Plate Attaching Stud	MX 0 8 2 1 0 1 0 0 0 0					
141	Thread Course	MX 0 8 0 4 0 1 * * * *					
142	Thread Course Stay	MX 0 8 3 0 0 0 * * * *					
143	Pan Head Screw	SS 4 1 0 5 1 0 0 M Z 0	M5 * 10L				
144	Hexagon Socket Head Cap Screw	SS 6 2 0 5 2 0 0 T D 0	M5 * 20L				
145	No.1 Table Lid A	MX 0 8 0 6 A 0 * * * *	Belt Width:35mm				

Note: As for parts with marks # or *, please follow our instructions on Table of Contents, in your parts order.

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TMEF-H BOX A

FH-2A

Ref No.	Description	Part No.	Remark	Ref No.	Description	Part No.	Remark
2	Left-end Box	E F 0 1 0 2 0 1 0 0 0 0		38	Rotary Hook Drive Shaft Timing Pulley	E G 0 1 1 3 0 0 0 0 0 0	
3	Hexagon Socket Head Cap Screw	S S 6 2 1 0 4 0 0 C C 0	M10 * 40L	39	Hollow Set Screw	S S 8 2 0 8 0 8 0 T N 0	M8 * 8L
4	Spring Washer		M10	40	Needle Bar Drive Shaft Timing Pulley	E G 0 1 1 4 0 0 0 0 0 0	
5	Plain Washer		M10	44	Spring Washer		M6
6	Driven Pulley	E G 0 1 0 8 0 1 0 0 0 0		45	Plain Washer		M6
8	Hexagon Socket Head Cap Screw	S S 6 2 0 8 1 5 0 C C 0	M8 * 15L	46	Tension Bearing Case Bushing	E G 0 1 1 7 0 0 0 0 0 0	
9	Motor Belt	Y J 1 0 3 9 0 0 0 0 0 0	390J-10	47	Tension Roller	E G 0 1 1 8 0 1 0 0 0 0	
10	No.2 Bearing Case	E F 0 1 0 4 0 0 0 0 0 0		48	Hollow Set Screw	S S 8 2 0 5 0 8 0 T N 0	M5 * 8L
11	Hexagon Socket Head Cap Screw	S S 6 2 0 6 2 0 0 C C 0	M6 * 20L	49	Tension Bearing Case Shaft	E G 0 1 1 9 0 0 0 0 0 0	
13	Ball Bearing	6 0 0 4 Z Z 0 0 0 0 0 0	# 6004ZZ	50	Ball Bearing	6 2 0 2 Z Z 0 0 0 0 0 0	# 6202ZZ
14	Right-end Box Lid	E F 0 1 1 4 0 0 0 0 0 0		51	Timing Belt	S 8 M 0 6 0 0 3 0 0 0 0	S8M-600
15	Truss Head Screw	S S 0 1 0 5 0 8 0 C B 0	M5 * 8L	53	Truss Head Screw	S M 0 1 0 9 0 4 C B 0 0	Width:30
18	Angle Pointer	E F 0 1 1 8 0 0 0 0 0 0		55	No.1 Bearing Case A (Jumbo Rotary Hook)	E G C 1 0 9 0 0 0 0 0 0	9/64 * 40 * 4L
19	Hexagon Socket Head Cap Screw	S S 6 2 0 4 0 6 0 C C 0	M4 * 6L	55	No.1 Bearing Case A	E G 0 1 0 9 0 1 0 0 0 0	
20	Plain Washer		M4	57	Tension Bearing Case Base	E G 0 1 1 6 0 2 0 0 0 0	
21	Operation Panel Stand Pipe	E G 0 1 0 2 0 0 0 0 0 0		58	Stepped Screw		
22	Hexagon Socket Head Cap Screw	S S 6 2 0 5 1 5 0 C C 0	M5 * 15L	59	Tension Shaft Holder	E G 0 1 1 5 0 2 0 0 0 0	9/64 * 40 * 3L
23	Plain Washer		M5	61	Spring Washer		
24	Operation Panel Stand Bracket	F H 0 1 0 2 0 0 0 0 0 0		63	Left-end Box Cover A	E F 0 1 1 5 A 1 0 0 0 0	M4
25	Hexagon Socket Head Cap Screw	S S 6 2 0 5 0 8 0 C C 0	M5 * 8L	64	Left-end Box Cover B	E F 0 1 1 5 B 1 0 0 0 0	
27	Hexagon Socket Head Cap Screw	S S 6 2 0 5 1 0 0 C C 0	M5 * 10L	65	Left Cover Side Plate	E F 0 1 1 6 0 1 0 0 0 0	
28	Angle Indicator Disk	E F 0 1 2 3 0 0 0 0 0 0		65	Left Cover Side Plate	F X 0 1 1 0 0 0 0 0 0 0	
29	Bobbin Stand Stud	E F 0 1 2 2 0 0 0 0 0 0		67	Right-end Box	M X 0 1 0 1 0 1 0 0 0 0	M-Spec. M/C 24 or More Head
30	Hexagon Nut		M4	68	Connecting Shaft Cover	F X 0 8 1 3 0 0 * * * *	
32	Hexagon Socket Head Cap Screw	S S 6 2 0 6 2 5 0 C C 0	M6 * 25L				
33	No.1 Bearing Case B	E G 0 1 1 0 0 0 0 0 0 0					
34	15mm Dia. Bearing Case Collar	E G 0 1 1 1 0 0 0 0 0 0					
35	Hollow Set Screw	S S 8 2 0 6 0 8 0 T N 0	M6 * 8L				
36	Bobbin Stand Base	E G 0 1 0 6 0 0 0 0 0 0					
37	Rotary Hook Drive Shaft	E G 0 1 1 2 0 0 0 0 0 0					

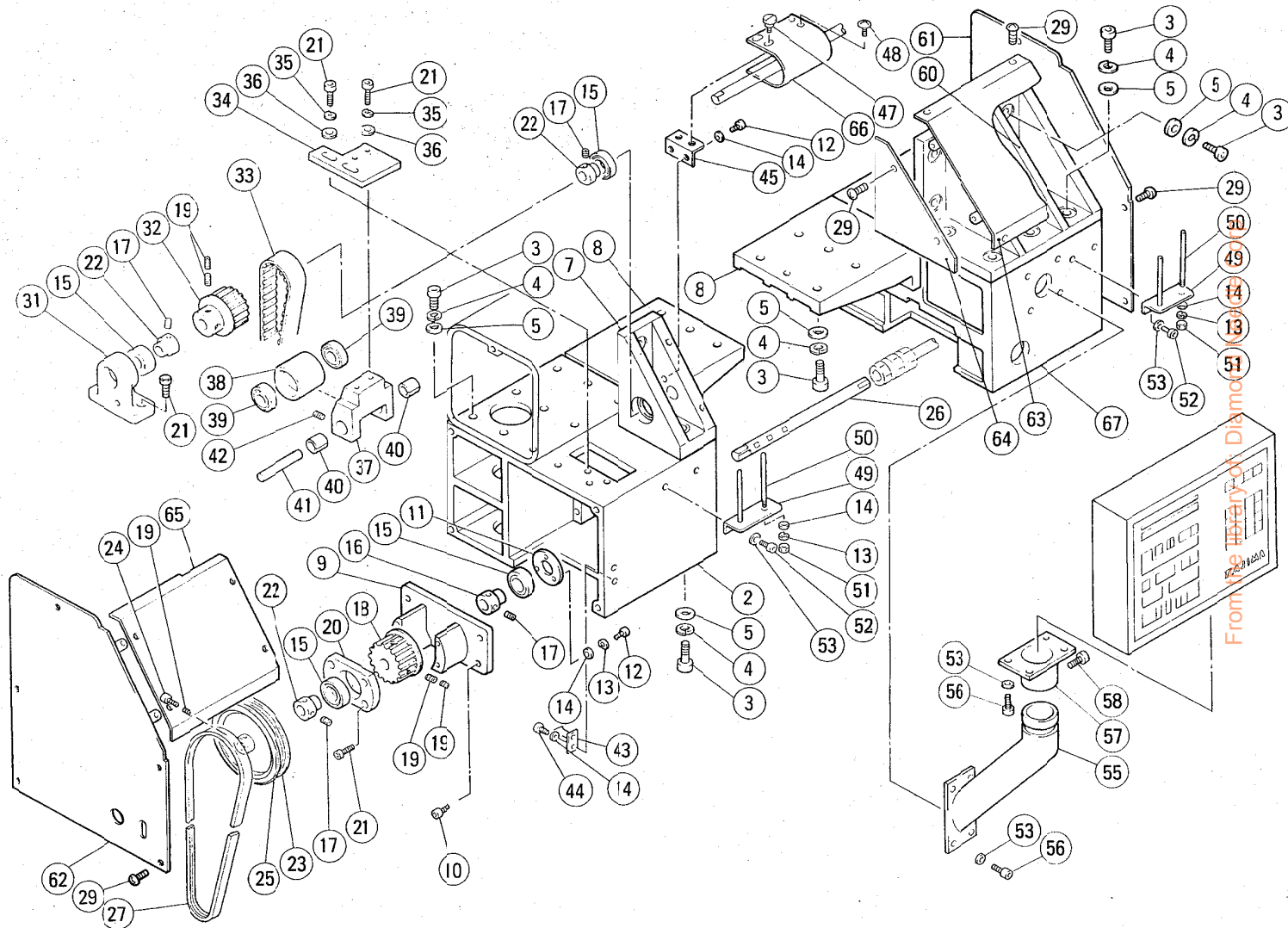
Note: As for parts with marks # or *, please follow our instructions on Table of Contents, in your parts order.

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TMEF-H

BOX B (G-SPEC. MACHINE)

FH-2B

**TAJIMA**

(9310)

TMEF-H BOX B (G-SPEC. MACHINE)

FH-2B

Ref No.	Description	Part No.	Remark	Ref No.	Description	Part No.	Remark
2	Left-end Box	E F G 1 0 2 0 1 0 0 0 0		34	Tension Bearing Case Base	E G 0 1 1 6 0 2 0 0 0 0	
3	Hexagon Socket Head Cap Screw	S S 6 2 1 0 4 0 0 C C 0	M10 * 40L	35	Spring Washer		M6
4	Spring Washer		M10	36	Plain Washer		M6
5	Plain Washer		M10	37	Tension Shaft Holder	E G 0 1 1 5 0 2 0 0 0 0	
7	Square Pipe Support, Front B	E F G 1 0 5 0 1 0 0 0 0		38	Tension Roller	E G 0 1 1 8 0 1 0 0 0 0	
8	Square Pipe Support, Lower	E F G 1 0 3 0 0 0 0 0 0		39	Ball Bearing	6 2 0 2 Z Z 0 0 0 0 0 0	6202ZZ
9	No.1 Bearing Case A	E G G 1 0 3 0 0 0 0 0 0		40	Tension Bearing Case Bushing	E G 0 1 1 7 0 0 0 0 0 0	
9	No.1 Bearing Case A (Jumbo Rotary Hook)	E G H 1 0 3 0 0 0 0 0 0		41	Tension Bearing Case Shaft	E G 0 1 1 9 0 0 0 0 0 0	
10	Hexagon Socket Head Cap Screw	S S 6 2 0 6 3 5 0 C C 0	M6 * 35L	42	Hollow Set Screw	S S 8 2 0 5 0 8 0 T N 0	M5 * 8L
11	No.1 Bearing Case Bearing Presser	E G G 1 0 8 0 0 0 0 0 0		43	Angle Pointer	E F 0 1 1 8 0 0 0 0 0 0	
12	Hexagon Socket Head Cap Screw	S S 6 2 0 4 0 8 0 C C 0	M4 * 8L	44	Hexagon Socket Head Cap Screw	S S 6 2 0 4 0 6 0 C C 0	M4 * 6L
13	Spring Washer		M4	45	Cover Bracket	E F G 1 1 2 0 0 0 0 0 0	
14	Plain Washer		M4	47	Stepped Screw		9/64 * 40 * 3L
15	Ball Bearing	6 0 0 4 Z Z 0 0 0 0 0 0	6004ZZ	48	Truss Head Screw	S M 0 1 0 9 0 4 C B 0 0	9/64 * 40 * 4L
16	15mm Dia. Bearing Case Collar	E F 0 1 0 6 0 0 0 0 0 0		49	Bobbin Stand Base	E G 0 1 0 6 0 0 0 0 0 0	
17	Hollow Set Screw	S S 8 2 0 6 0 8 0 T N 0	M6 * 8L	50	Bobbin Stand Stud	E F 0 1 2 2 0 0 0 0 0 0	
18	Rotary Hook Drive Shaft Timing Pulley	E G G 1 0 5 0 0 0 0 0 0		51	Hexagon Nut		M4
19	Hollow Set Screw	S S 8 2 0 8 0 8 0 T N 0	M8 * 8L	52	Hexagon Socket Head Cap Screw	S S 6 2 0 5 1 0 0 C C 0	M5 * 10L
20	No.1 Bearing Case B	E G 0 1 1 0 0 0 0 0 0 0		53	Plain Washer		M5
21	Hexagon Socket Head Cap Screw	S S 6 2 0 6 2 0 0 C C 0	M6 * 20L	55	Operation Panel Stand Pipe	E G 0 1 0 2 0 0 0 0 0 0	
22	15mm Dia. Bearing Case Collar	E G 0 1 1 1 0 0 0 0 0 0		56	Hexagon Socket Head Cap Screw	S S 6 2 0 5 1 5 0 C C 0	M5 * 15L
23	Driven Pulley	E G 0 1 0 8 0 1 0 0 0 0		57	Operation Panel Stand Bracket	F H 0 1 0 2 0 0 0 0 0 0	
24	Hexagon Socket Head Cap Screw	S S 6 2 0 8 1 5 0 C C 0	M8 * 15L	58	Hexagon Socket Head Cap Screw	S S 6 2 0 5 0 8 0 C C 0	M5 * 8L
25	Angle Indicator Disk	E F 0 1 2 3 0 0 0 0 0 0		60	Square Pipe Support, Front	E G G 1 0 2 0 2 * * * *	
26	Rotary Hook Shaft Drive Shaft	E G G 1 0 4 0 0 0 0 0 0		61	Right-end Box Cover	E F G 1 0 8 0 1 * * * *	
27	Motor Belt	Y J 1 0 3 9 0 0 0 0 0 0	390J-10	62	Left-end Box Cover	E F G 1 0 9 0 1 * * * *	
29	Truss Head Screw	S S 0 1 0 5 0 8 0 C B 0	M5 * 8L	63	Square Pipe Support Cover	E G G 1 0 9 0 0 0 0 0 0	
31	No.2 Bearing Case	E F 0 1 0 4 0 0 0 0 0 0		64	Square Pipe Support Cover Side Plate	E G G 1 1 0 0 0 * * * *	
32	Needle Bar Drive Shaft Timing Pulley	E G G 1 0 6 0 0 0 0 0 0		65	No.2 Bearing Case B Cover	E F G 1 1 0 0 1 0 0 0 0	
33	Timing Belt	S 8 M 0 6 0 0 4 0 0 0 0	S8M-600 40	67	Right-end Box	M X G 1 0 1 0 1 0 0 0 0	

Note: As for parts with marks # or *, please follow our instructions on Table of Contents, in your parts order.

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TMEF-H BOX B (G-SPEC. MACHINE)

FH-2B

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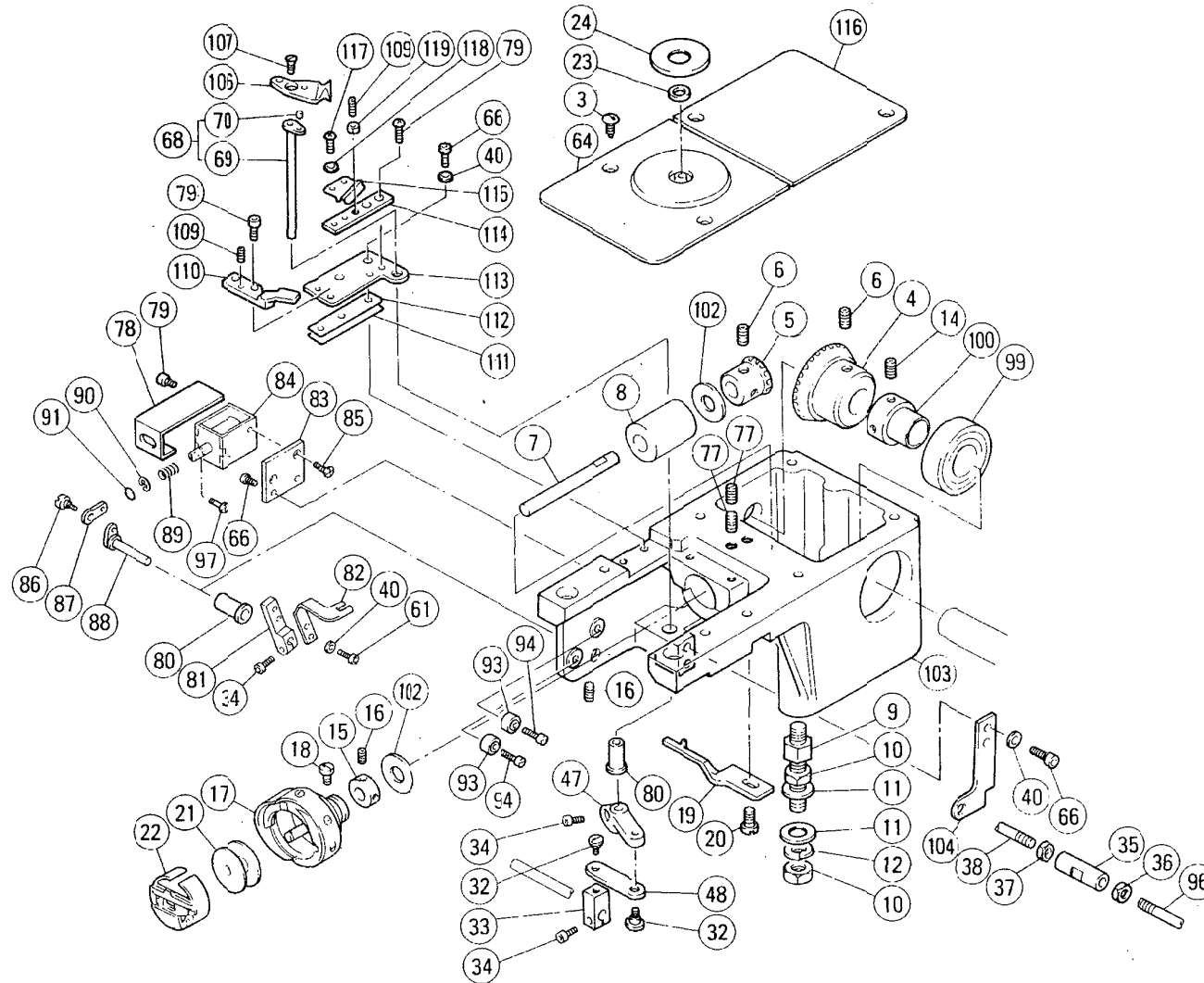
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(9310)

TMEF-H

ROTARY HOOK BASE

FH-3A



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TAJIMA

(9310)

TMEF-H ROTARY HOOK BASE

FH-3A

Ref No.	Description	Part No.	Remark	Ref No.	Description	Part No.	Remark
3	Needle Plate Set Screw	SM 2 0 1 1 0 8 C A 0 0	11/64 * 40 * 8L	38	Thread Trimming Shaft B	E F 0 8 2 5 B 0 * * * *	
4	Spiral Bevel Gear A	E F 0 2 0 3 0 0 0 0 0 0		40	Plain Washer		M4
5	Spiral Bevel Gear B	E F 0 2 0 4 0 0 0 0 0 0		47	Knife Drive Arm	A T 0 2 0 5 0 0 0 0 0 0	
6	Hollow Set Screw	SS 8 2 0 6 0 6 0 T N 0	M6 * 6L	48	Knife Connecting Lever	A T 0 2 0 7 0 0 0 0 0 0	
7	Rotary Hook Shaft	E F 0 2 0 5 0 0 0 0 0 0		61	Hexagon Socket Head Cap Screw	SS 6 2 0 4 0 5 0 C C 0	M4 * 5L
7	Rotary Hook Shaft (Jumbo Rotary Hook)	E F C 2 0 5 0 0 0 0 0 0		64	Needle Plate	E G 0 2 0 2 1 0 * * * *	
8	Rotary Hook Shaft Bushing	E F 0 2 0 6 0 0 0 0 0 0		66	Hexagon Socket Head Cap Screw	E G 0 2 1 9 0 0 0 0 0 0	
8	Rotary Hook Shaft Bushing (Jumbo Hook)	E F C 2 0 6 0 1 0 0 0 0		68	Knife Drive Shaft Set	E G 0 2 0 5 0 0 0 0 0 0	
9	Rotary Hook Base Stud	E F 0 2 0 7 0 0 0 0 0 0		69	Knife Drive Shaft	E G 0 2 0 5 1 0 0 0 0 0	
10	Hexagon Nut		M8	70	Knife Guide Pin	E G 0 2 0 5 2 0 0 0 0 0	
11	Plain Washer (Large)		M8	77	Hollow Set Screw	SS 8 2 0 6 0 5 0 T N 0	M6 * 5L
12	Spring Washer		M8	78	Solenoid Cover	E G 0 2 1 0 0 1 0 0 0 0	
14	Hollow Set Screw	SS 8 2 0 5 0 5 0 T N 0	M5 * 5L	79	Pan Head Screw	SS 4 1 0 3 0 4 0 M Z 0	M3 * 4L
15	7.94mm Dia. Collar	E F 0 2 0 9 0 0 0 0 0 0		80	Bushing	E G 0 2 1 1 0 0 0 0 0 0	
16	Hollow Set Screw	SM 8 2 1 1 0 4 T N 0 0	11/64 * 40 * 4L	81	Picker Connecting Stud	E G 0 2 1 2 0 0 0 0 0 0	
17	Rotary Hook	ME 0 5 0 5 0 1 * * * *		82	Wide Picker	E G 0 2 1 3 0 0 0 0 0 0	
18	Rotary Hook Set Screw		11/64 * 40 * 4.3	83	Solenoid Base	E G 0 2 1 4 0 0 0 0 0 0	
19	Rotary Hook Support (Jumbo Rotary Hook)	E F C 2 1 0 0 0 0 0 0 0		84	Solenoid	A T 6 8 0 6 0 0 0 0 0 0	
19	Rotary Hook Support	E F 0 2 1 0 0 0 * * * *		85	Countersunk Head Screw	SS 1 1 0 3 0 4 0 M Z 0	M3 * 4L
20	Rotary Hook Support Set Screw	SM 6 0 1 1 0 9 S N 0 0	11/64 * 40 * 9L	86	Stepped Pin	E G 0 2 1 5 0 0 0 0 0 0	
21	Bobbin	ME 0 5 0 4 0 2 * * * *		87	Connecting Rod	E G 0 2 1 6 0 0 0 0 0 0	
22	Bobbin Case	ME 0 5 0 3 0 0 * * * *		88	Connecting Lever Pin	E G 0 2 1 7 0 0 0 0 0 0	
23	Needle Plate Hole Collar	E F 0 2 0 2 2 0 0 0 0 0		89	Compressed Spring	E G 0 2 1 8 0 0 0 0 0 0	
24	Needle Plate Hole Seal	E F 0 2 0 3 0 0 0 0 0 0		90	E-ring	E 4 0 0 0 0 0 0 0 0 0 0	E-4
32	Connecting Lever Pin	A T 0 2 0 6 0 0 0 0 0 0		91	Needle Bar O-Ring	E F 0 6 2 1 0 0 0 0 0 0	
33	Connecting Stud	A T 0 2 0 8 0 0 0 0 0 0		93	Eccentric Stopper	E G 0 2 2 0 0 0 0 0 0 0	
34	Hexagon Socket Head Cap Screw	SS 6 2 0 4 1 0 0 C C 0	M4 * 10L	94	Hexagon Socket Head Cap Screw	SS 6 2 0 3 1 0 0 C C 0	M3 * 10L
35	M6 Joint	E F 0 8 2 7 0 1 0 0 0 0		96	Thread Trimming Shaft A	E F 0 8 2 5 A 0 * * * *	
36	Hexagon Nut		M6	97	Solenoid Pin	E G 0 2 2 3 0 0 0 0 0 0	
37	Hexagon Nut (Counterclockwise)		M6	99	Ball Bearing	6 0 0 3 Z Z 0 0 0 0 0 0	6003ZZ

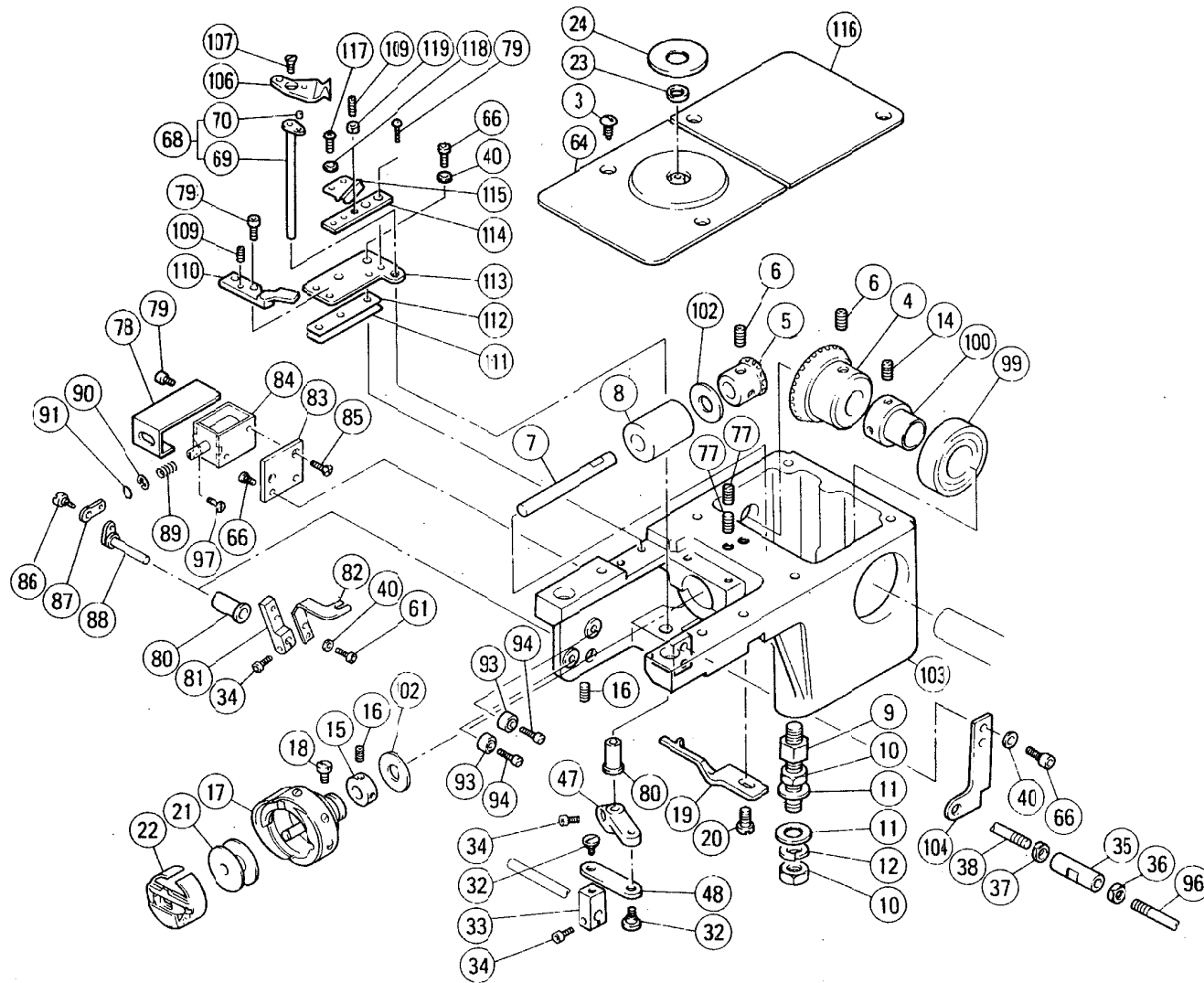
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(9 3 1 0)

TMEF-H

ROTARY HOOK BASE

FH-3A



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TAJIMA

(9310)

FH-3A

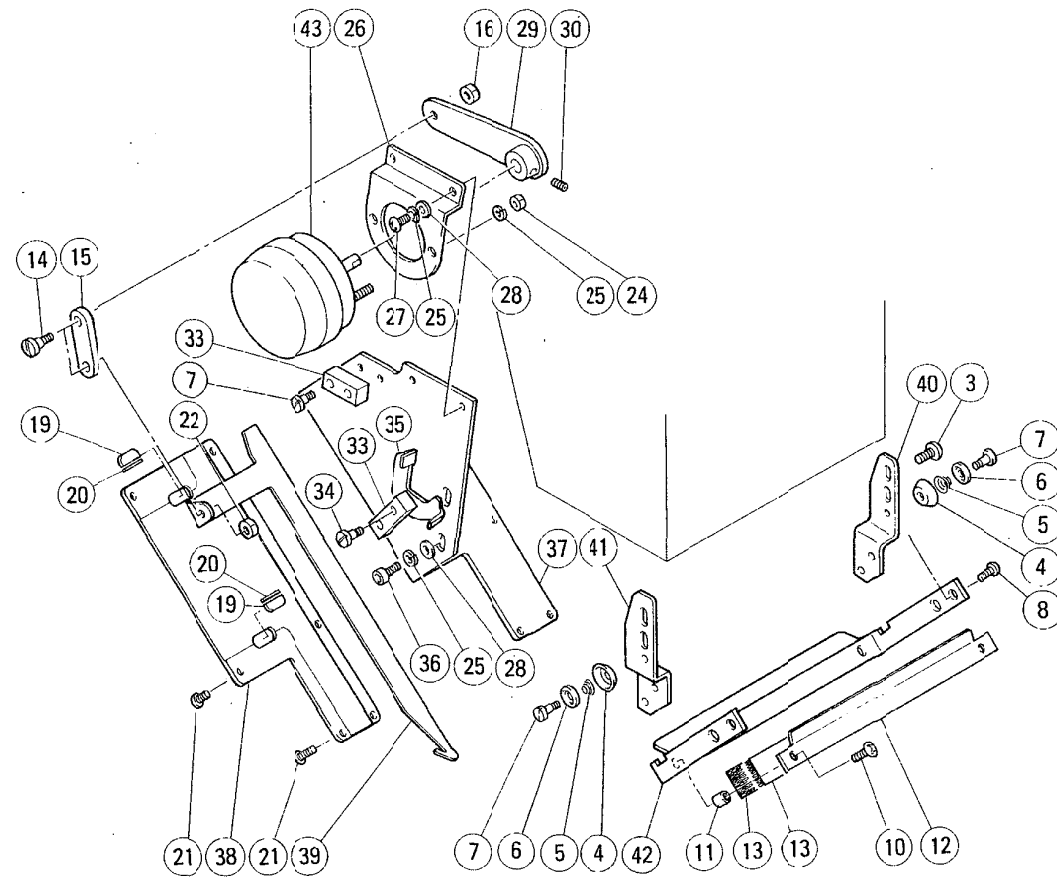
From the library of: Diamond Needle Corp

(9 3 1 0)

TMEF-H

UPPER THREAD HOLDER SET

FH-3B



From the library of: Diamond Needle Corp

TAJIMA

(9310)

TMEF-H UPPER THREAD HOLDER SET

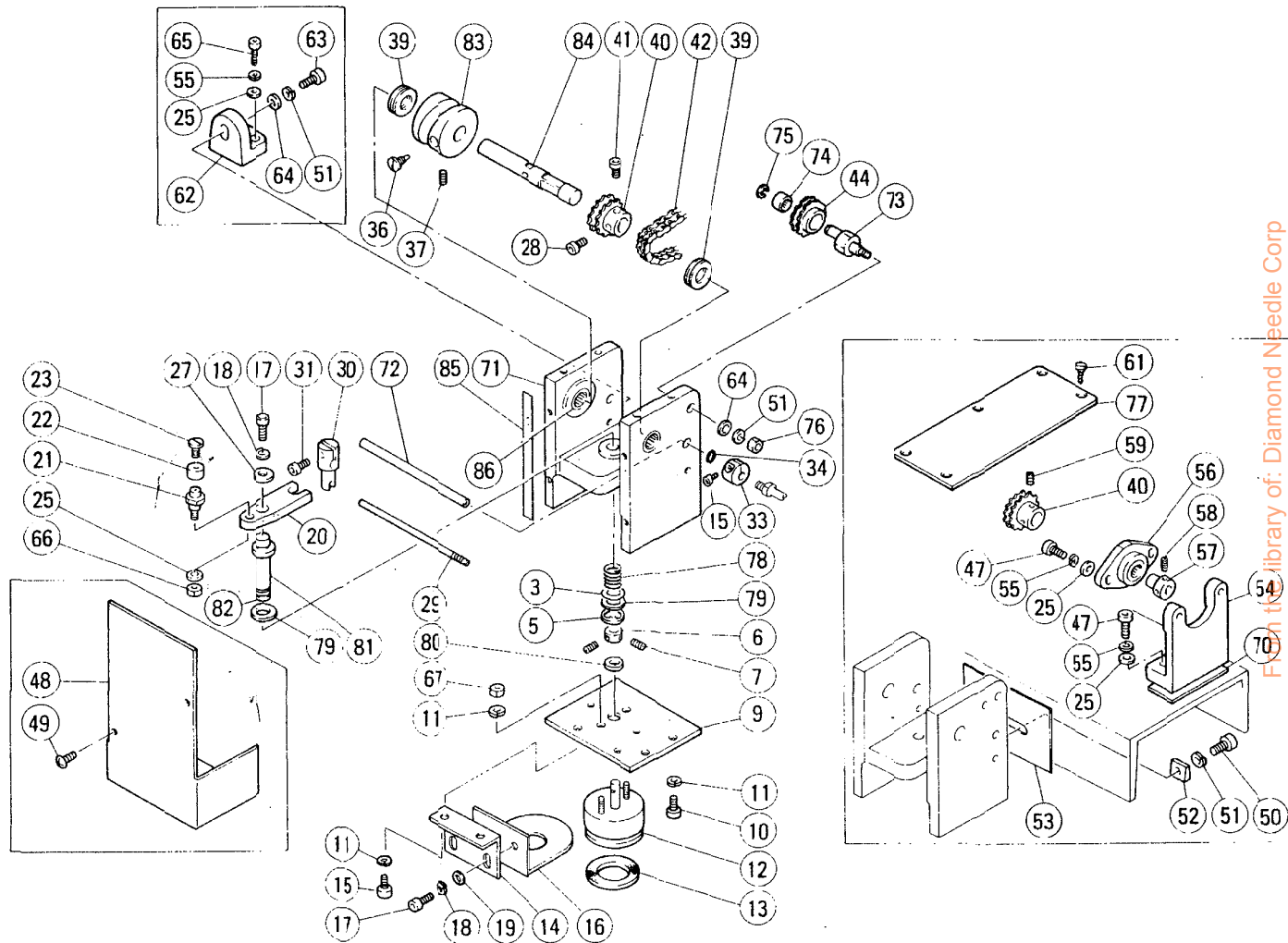
FH-3B

Ref No.	Description	Part No.	Remark	Ref No.	Description	Part No.	Remark
3	Truss Head Screw	SM 0 1 0 9 0 4 S A 0 0	9/64 * 40 * 4L	39	Upper Thread Hook A	AT 1 3 0 3 0 1 0 0 0 0	
4	Thread Suspender Disk	EF 0 6 3 7 0 0 0 0 0 0		40	Upper Threac Holder Bracket R	FX 0 6 2 9 R 0 0 0 0 0	
5	Thread Suspender Spring	EF 0 6 3 9 0 0 0 0 0 0		41	Upper Threac Holder Bracket L	FX 0 6 2 9 L 0 0 0 0 0	
6	Thread Suspender Spring Presser	EF 0 6 3 8 0 0 0 0 0 0		42	Thread Presser Base	FX 0 6 3 0 1 0 0 0 0 0	
7	Thread Suspender Attaching Screw	AT 2 3 1 1 0 0 0 0 0 0		43	Upper Threac Holder Solenoid	AT 6 8 0 1 A 1 0 0 0 0	
8	Pan Head Screw	SS 4 1 0 3 0 4 0 M Z 0	M3 * 4L				
10	Pan Head Screw	SS 4 1 0 3 0 8 0 S A 0	M3 * 8L				
11	Thread Presser Spacer	AT 0 3 0 4 0 0 0 0 0 0					
12	Thread Presser Lid	AT 0 3 0 3 0 0 # # # #					
13	Velcro	AT 0 3 0 5 0 0 # # # #					
14	Lever Connecting Pin	AT 0 3 0 9 0 0 0 0 0 0					
15	Arm Connenting Rod	AT 0 3 0 6 0 0 0 0 0 0					
16	Special Nut	AT 0 3 0 7 0 0 0 0 0 0					
19	Hook Cushion C	AT 1 3 0 7 0 0 0 0 0 0					
20	Hook Cushion D	AT 1 3 0 8 0 0 0 0 0 0					
21	Pan Head Screw	SS 4 1 0 3 0 6 0 S A 0	M3 * 6L				
22	Hexagon Nut		9/64 * 40				
24	Hexagon Nut		M4				
25	Spring Washer		M4				
26	Solenoid Base	AT 1 3 0 4 0 0 0 0 0 0					
27	Pan Head Screw	SS 4 1 0 4 0 6 0 M Z 0	M4 * 6L				
28	Plain Washer		M4				
29	Solenoid Arm	AT 0 3 0 8 0 0 0 0 0 0					
30	Hollow Set Screw	SS 8 2 0 4 0 4 0 T N 0	M4 * 4L				
33	Arm Cushion	AT 1 3 0 9 0 0 0 0 0 0					
34	Cushion Pin B	AT 1 3 0 6 0 0 0 0 0 0					
35	Upper Thread Holder Clutch	AT 1 3 0 5 0 0 0 0 0 0					
36	Hexagon Scket Head Cap Screw	SS 6 2 0 4 0 8 0 C C 0	M4 * 8L				
37	Assembly Base	AT 1 3 0 1 0 1 0 0 0 0					
38	Base Lid A	AT 1 3 0 2 0 1 0 0 0 0					

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Note: As for parts with marks # or *, please follow our instructions on Table of Contents, in your parts order.

(9 3 1 0)



From the library of: Diamond Needle Corp

TMEF-H CAM DRIVER SET

FH-3C

Ref No.	Description	Part No.	Remark	Ref No.	Description	Part No.	Remark
3	Washer B	A T 0 1 2 2 0 0 0 0 0 0		40	15mm Dia. Sprocket	A T 0 1 0 4 0 0 0 0 0 0	
5	E-ring	E 1 2 0 0 0 0 0 0 0 0	E-12	41	Hexagon Socket Head Cap Screw	S S 6 2 0 6 1 0 0 C C 0	M6 * 10L
6	7.94mm Dia. Collar	E F 0 2 0 9 0 0 0 0 0 0		42	Roller Chain	A T 1 1 0 8 0 0 0 0 0 0	RS-25
7	Hollow Set Screw	S S 8 2 0 4 0 4 0 T N 0	M4 * 4L	44	Tension Sprocket	A T 0 1 1 7 0 0 0 0 0 0	
9	Solenoid Base	A T 1 1 0 5 0 0 0 0 0 0		47	Hexagon Socket Head Cap Screw	S S 6 2 0 6 2 0 0 C C 0	M6 * 20L
10	Hexagon Socket Head Cap Screw	S S 6 2 0 5 1 2 0 C C 0	M5 * 12L	48	Cam Base Cover	A T 1 1 0 3 0 0 0 0 0 0	
11	Spring Washer		M5	49	Truss Head Screw	S S 0 1 0 5 0 8 0 S D 0	M5 * 8L
12	Thread Trimming Solenoid	A T 6 8 0 2 A 0 0 0 0 0		50	Hexagon Socket Head Cap Screw	S S 6 2 0 8 2 5 0 C C 0	M8 * 25L
13	Solenoid Cushion	A T 0 1 1 9 0 0 0 0 0 0		51	Spring Washer		M8
14	Plunger Bracket	A T 0 1 2 0 0 0 0 0 0 0		52	Slant Washer		M8
15	Hexagon Socket Head Cap Screw	S S 6 2 0 5 1 5 0 C C 0	M5 * 15L	53	Cam Base Spacer	A T 1 1 0 7 0 0 * * * *	
16	Plunger Holder	A T 0 1 2 1 0 0 0 0 0 0		54	Rotary Hook Shaft Holder	A T 1 1 0 4 0 0 0 0 0 0	
17	Hexagon Socket Head Cap Screw	S S 6 2 0 4 0 8 0 C C 0	M4 * 8L	55	Spring Washer		M6
18	Spring Washer		M4	56	Rotary Hook Base Shaft Holder	A T 1 1 0 6 0 0 0 0 0 0	
19	Plain Washer		M4	57	15mm Dia. Needle Collar	E F 0 2 0 8 0 0 0 0 0 0	
20	Cam Lever	A T 0 1 0 5 0 0 0 0 0 0		58	Hollow Set Screw	S S 8 2 0 5 0 5 0 T N 0	M5 * 5L
21	Cam Pin	A T 0 1 1 0 0 0 0 0 0 0		59	Hollow Set Screw	S S 8 2 0 6 0 6 0 T N 0	M6 * 6L
22	Cam Roller	A T 0 1 1 1 0 0 0 0 0 0		61	Countersunk Head Wood Screw		3.1P * 16L
23	Lid Screw	A T 0 1 1 2 0 0 0 0 0 0		62	Cam Base Bracket	A T 1 1 0 1 0 0 0 0 0 0	
25	Plain Washer		M6	63	Hexagon Socket Head Cap Screw	S S 6 2 0 8 3 0 0 C C 0	M8 * 30L
27	Lever Fixing Washer	A T 0 1 0 9 0 0 0 0 0 0		64	Plain Washer		M8
28	Sprocket Fixing Screw	A T 0 1 2 4 0 0 0 0 0 0		65	Hexagon Socket Head Cap Screw	S S 6 2 0 6 2 5 0 C C 0	M6 * 25L
29	Guide Pin	A T 0 1 1 4 0 0 0 0 0 0		66	Hexagon Nut		M6 Type 3
30	Lever Drive Pin	A T 0 1 1 3 0 0 0 0 0 0		67	Hexagon Nut		M5
31	Hexagon Socket Head Cap Screw	S S 6 2 0 5 2 0 0 C C 0	M5 * 20L	70	Rotary Hook Shaft Holder Spacer (S Hook)	A T 1 1 0 9 0 0 0 0 0 0	
33	Cushion Connecting Stud	A C 0 4 0 5 0 0 0 0 0 0		71	Cam Attaching Base	A T 0 1 0 1 0 2 0 0 0 0	
34	O-Ring	S 1 0 0 0 0 0 0 0 0 0 0	S-10	72	Thread Trimming Base Shaft	A T 0 1 1 5 0 1 0 0 0 0	
36	Cam Attaching Screw	A T 0 1 2 3 0 0 0 0 0 0		73	Tensioner Eccentric Pin	I S 0 1 1 1 0 0 0 0 0 0	
37	Cam Set Slotted Screw	S M 8 0 1 8 1 2 C C 0 0	9/32 * 28 * 12L	74	Needle Bearing	H M K 1 0 1 5 0 0 0 0 0	HMK-1015
39	Thrust Bearing Set		PL1528,S1528	75	E-ring	E 8 0 0 0 0 0 0 0 0 0 0	E-8

Note: As for parts with marks # or *, please follow our instructions on Table of Contents, in your parts order.

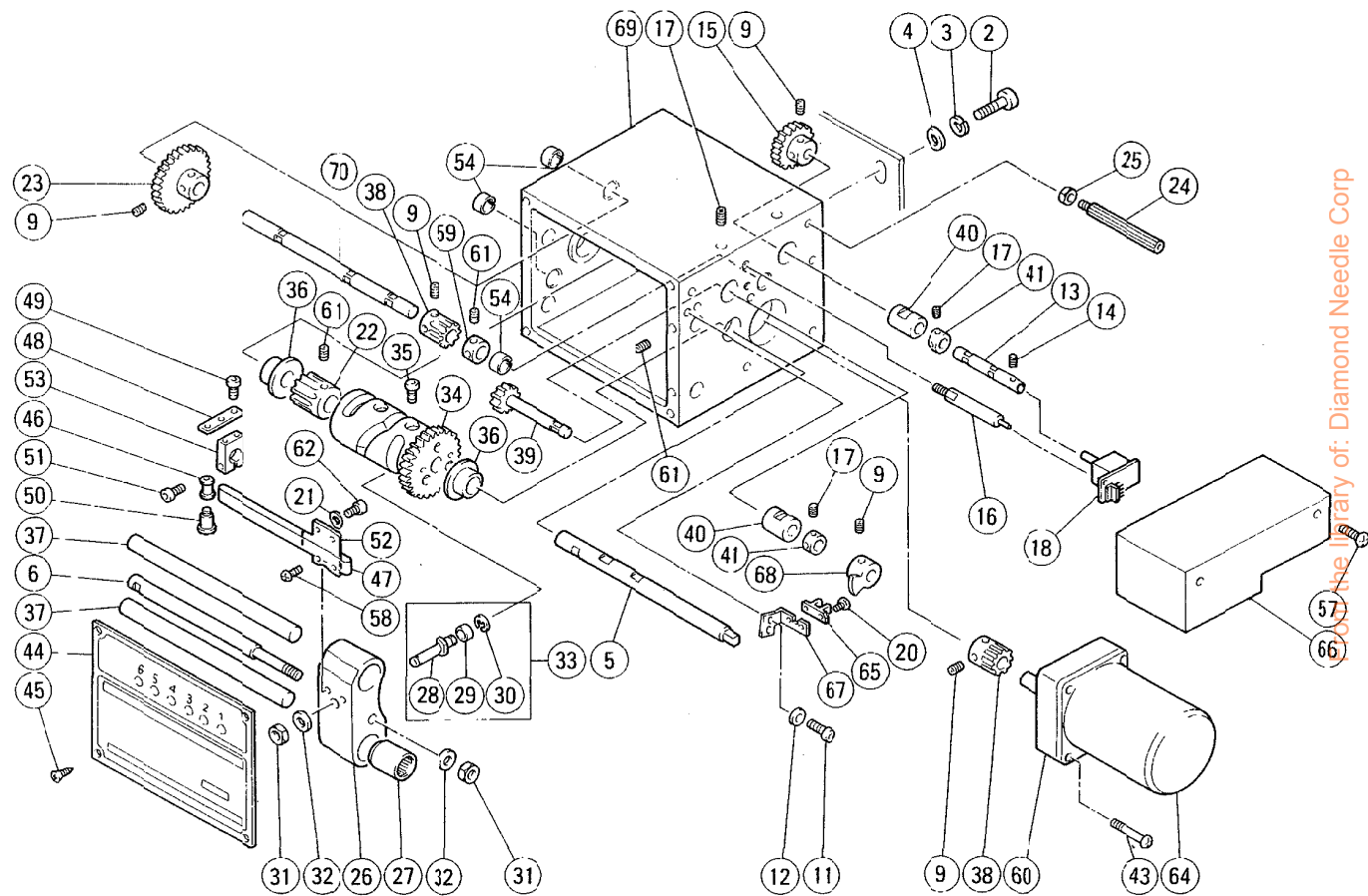
(9310)

TMEF-H CAM DRIVER SET

FH-3C[illegible]

Note: As for parts with marks # or *, please follow our instructions on Table of Contents, in your parts order.

(9 3 1 0)



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TMEF-H COLOR CHANGE SYSTEM

FH-4

Ref No.	Description	Part No.	Remark	Ref No.	Description	Part No.	Remark
2	Hexagon Socket Head Cap Screw	SS 6 2 0 8 3 0 0 C C 0	M8*30L	36	Cam Shaft Bushing	E F 0 4 0 7 0 0 0 0 0 0	
3	Spring Washer		M8	37	Guide Shaft	E F 0 4 0 8 0 0 # # # #	
4	Plain Washer		M8	38	Motor Gear	E F 0 4 1 0 0 0 0 0 0 0	
5	Cam Shaft	MS 0 4 0 2 0 0 # # # #		39	Half-turn Gear	E F 0 4 1 4 0 0 0 0 0 0	
6	Slide Shaft	MS 0 4 0 3 0 0 # # # #		40	Half-turn Gear Bushing	E F 0 4 1 5 0 0 0 0 0 0	
9	Hollow Set Screw	SS 8 2 0 5 0 6 0 T N 0	M5*6L	41	8mm Dia. Collar	E F 0 4 1 8 0 0 0 0 0 0	
11	Hexagon Socket Head Cap Screw	SS 6 2 0 4 0 8 0 C C 0	M4*8L	43	Pan Head Screw	SS 4 1 0 5 5 0 0 S D 0	M5*50L
12	Plain Washer		M4	44	Model Name Plate	F H 0 4 0 3 0 0 * * * *	
13	Rotary Switch Pin	MS 0 4 0 7 0 0 0 0 0 0 0		45	Round Countersunk Head Screw	SM 2 0 0 9 0 6 S A 0 0	9/64 * 40 * 6L
14	Hollow Set Screw	SS 8 2 0 3 0 3 0 T N 0	M3*3L	46	Roller	E F 0 4 2 5 0 0 0 0 0 0	
15	Rotary Switch Gear	MS 0 4 0 8 0 0 0 0 0 0 0		47	Needle Position Indicator Belt	E F 0 4 2 6 0 0 # # # #	
16	Rotary Switch Stay	MS 0 4 0 9 0 0 0 0 0 0 0		48	Roller Base	E F 0 4 2 7 0 0 0 0 0 0	
17	Hollow Set Screw	SS 8 2 0 4 0 6 0 T N 0	M4*6L	49	Hexagon Socket Head Cap Screw	SS 6 2 0 3 0 6 0 C C 0	M3*6L
18	Rotary Switch	MS 7 1 0 2 0 0 0 0 0 0 0	S60EMI	50	Roller Pin	E F 0 4 2 8 0 0 0 0 0 0	
20	Round Head Screw	SS 3 1 0 3 0 8 0 S E 0	M3*8L	51	Hexagon Socket Head Cap Screw	SS 6 2 0 3 1 5 0 C C 0	M3*15L
21	Plain Washer		M3	52	Belt Joint Plate	E F 0 4 2 9 0 0 0 0 0 0	
22	Tension Release Drive Gear	MS 0 4 1 0 0 0 0 0 0 0 0		53	Base Split Collar	E F 0 4 3 0 0 0 0 0 0 0	
23	Tension Release Driven Gear	MS 0 4 1 1 0 0 0 0 0 0 0		54	Dry Bearing	MB 1 0 1 0 D U 0 0 0 0	MB-1010DU
24	Change Cover Stud	MS 0 4 1 4 0 0 0 0 0 0 0		57	Truss Head Screw	SM 0 1 0 9 0 5 S A 0 0	9/64 * 40 * 5L
25	Hexagon Nut		M5	58	Pan Head Screw	SS 4 1 0 4 0 6 0 S D 0	M4*6L
26	Slide Boss	E F 0 4 0 2 0 1 0 0 0 0 0		59	10mm Dia. Collar	E F 0 9 2 4 0 0 0 0 0 0	
27	Slide Bearing	B P L K A 1 2 2 2 3 2 2		60	Gear Head	3 G K 1 8 0 K 0 0 0 0 0	3GK180K
28	Cam Pin	E F 0 4 0 3 0 0 0 0 0 0 0		61	Hollow Set Screw	SS 8 2 0 4 0 4 0 T N 0	M4*4L
29	Cam Roller	E F 0 4 0 4 0 0 0 0 0 0 0		62	Hexagon Socket Head Cap Screw	SS 6 2 0 3 0 5 0 C C 0	M3*5L
30	E-ring	E 3 0 0 0 0 0 0 0 0 0 0 0	E-3	64	Color Change Motor	E G 7 1 0 1 0 0 0 0 0 0	
31	Hexagon Nut		M6	65	Photo-interrupter	E G 7 1 0 2 0 0 0 0 0 0	
32	Plain Washer		M6	66	Change Cover	E G 0 4 0 4 0 0 0 0 0 0	
33	Cam Roller Set	E F 0 4 0 4 S 0 0 0 0 0		67	Photo-interrupter Base	E G 0 4 0 2 0 0 0 0 0 0	
34	Color Change Cam Set	E F 0 4 0 5 0 0 # # # #		68	One-rotation Switch Collar	E G 0 4 0 1 0 1 0 0 0 0	
35	Hexagon Socket Head Cap Screw	SS 6 2 0 6 1 0 0 C C 0	M6*10L	69	Color Change Box	F X 0 4 0 1 0 0 # # # #	

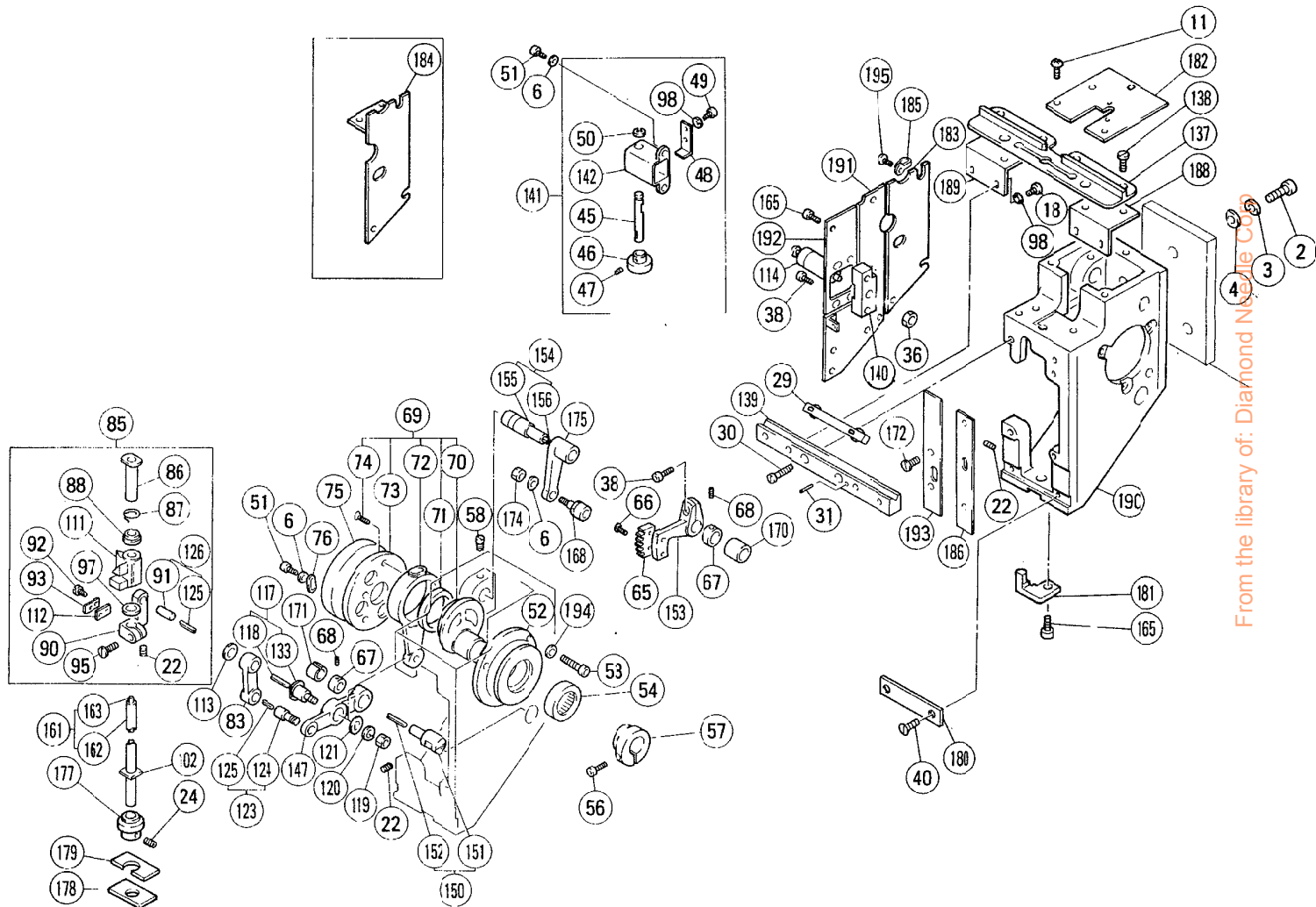
Note: As for parts with marks # or *, please follow our instructions on Table of Contents, in your parts order.

(9 3 1 0)

FH-4

From the library of: Diamond Needle Corp

(9 3 1 0)



TMEF-H ARM

FH-5

Ref No.	Description	Part No.	Remark	Ref No.	Description	Part No.	Remark
2	Hexagon Socket Head Cap Screw	SS 6 2 0 8 3 0 0 C C 0	M8 * 30L	68	Hollow Set Screw	SS 8 2 0 4 0 5 0 T N 0	M4 * 5L
3	Spring Washer		M8	69	Needle Bar Driver Set	EF 0 5 0 4 S 1 0 0 0 0	
4	Plain Washer		M8	70	Needle Bar Drive Cam	EF 0 5 0 4 0 1 0 0 0 0	
6	Plain Washer		M4	71	Needle Cage	K 3 8 4 1 8 8 X 0 0 0 0	K384188X
11	Truss Head Screw	SM 0 1 0 9 0 6 C D 0 0	9/64 * 40 * 6L	72	Connecting Rod	EF 0 5 0 5 0 1 0 0 0 0	
18	Hexagon Socket Head Cap Screw	SS 6 2 0 3 0 6 0 C C 0	M3 * 6L	73	Take-up Lever Cam Base	EF 0 5 0 7 0 1 0 0 0 0	
22	Hollow Set Screw	SM 8 2 1 1 0 8 T N 0 0	11/64 * 40 * 8L	74	Countersunk Head Screw	SM 1 1 0 9 1 0 S C 0 0	9/64 * 40 * 10L
24	Hollow Set Screw	SS 8 2 0 3 0 3 0 T N 0	M3 * 3L	75	Take-up Lever Drive Cam	EF 0 5 0 6 0 5 0 0 0 0	
29	Slide Roller	EF 0 5 5 3 0 0 # # #		76	Cam Washer	EF 0 5 2 2 0 0 0 0 0 0	
30	Flat Fillister Head Screw	SM 6 0 1 1 1 2 S C 0 0	11/64 * 40 * 12L	83	Needle Bar Drive Connecting Rod	EF 0 5 1 3 0 0 0 0 0 0	
31	Spring Pin		3P * 12L	85	Needle Bar Reciprocator Set	EF 0 5 3 2 S 1 0 0 0 0	
36	Hexagon Nut		M9 * P0.75	86	Needle Bar Drive Shaft Bushing	EF 0 5 2 9 0 0 0 0 0 0	
38	Hexagon Socket Head Cap Screw	SS 6 2 0 4 1 0 0 C C 0	M4 * 10L	87	Jump Spring	EF 0 5 3 0 0 0 0 0 0 0	
40	Round Countersunk Head Screw	SM 2 0 0 9 0 6 S D 0 0	9/64 * 40 * 6L	88	Spring Cradle	EF 0 5 3 1 0 0 0 0 0 0	
45	Clutch Pin	EF 0 5 4 0 0 0 0 0 0 0		90	Needle Bar Reciprocator Slide Block	EF 0 5 2 8 0 0 0 0 0 0	
46	Clutch Knurled Screw	EF 0 5 3 9 0 0 0 0 0 0		91	No.4 Pin	EF 0 5 1 2 0 0 0 0 0 0	
47	Hollow Set Screw	SS 8 2 0 3 0 3 0 T N 0	M3 * 3L	92	Flat Fillister Head Screw	SM 6 0 0 8 0 6 C C 0 0	1/8 * 44 * 6L
48	Stopper Plate Spring	ME 0 5 4 4 0 0 0 0 0 0		93	Stopper Bracket	EF 0 5 3 4 0 0 0 0 0 0	
49	Pan Head Screw	SS 4 1 0 3 0 4 0 C D 0	M3 * 4L	95	Flat Fillister Head Screw	SM 6 0 0 9 1 0 C C 0 0	9/64 * 40 * 10L
50	E-ring	E 5 0 0 0 0 0 0 0 0 0 0	E-5	97	Needle Bar Reciprocator Spacer	EF 0 5 5 4 0 0 0 0 0 0	
51	Hexagon Socket Head Cap Screw	SS 6 2 0 4 0 6 0 C C 0	M4 * 6L	98	Plain Washer		M3
52	Bearing Case	EF 0 5 0 2 0 1 0 0 0 0		102	Needle Bar Drive Shaft Felt	EF 0 5 5 0 0 0 0 0 0 0	
53	Hexagon Socket Head Cap Screw	SS 6 2 0 5 0 8 0 C C 0	M5 * 8L	111	Needle Bar Reciprocator	EF 0 5 3 2 0 1 0 0 0 0	
54	Ball Bearing	6 0 0 4 Z Z 0 0 0 0 0 0	6004ZZ	112	Stopper	EF 0 5 3 3 0 1 0 0 0 0	
56	Hexagon Socket Head Cap Screw	SS 6 2 0 5 1 5 0 C C 0	M5 * 15L	113	Connecting Rod Washer	EF 0 5 5 5 0 0 0 0 0 0	
57	Needle Bar Cam Tightening Collar	EF 0 5 0 8 0 0 0 0 0 0		114	Jump Solenoid	EG 6 8 0 1 0 1 0 0 0 0	
58	Flat Fillister Head Screw		11/64 * 40 * 11.5L	117	No.1 Pin Set	FX 0 5 0 6 S 0 0 0 0 0	
65	Take-up Lever Drive Gear	EF 0 5 1 7 0 1 0 0 0 0		118	Wick A	EF 0 5 5 6 0 0 0 0 0 0	
66	Pan Head Screw	SS 4 1 0 3 0 8 0 S D 0	M3 * 8L	119	Hexagon Nut		M6
67	8mm Dia. Collar	EF 0 4 1 8 0 0 0 0 0 0		120	Spring Washer		M6

Note: As for parts with marks # or *, please follow our instructions on Table of Contents, in your parts order.

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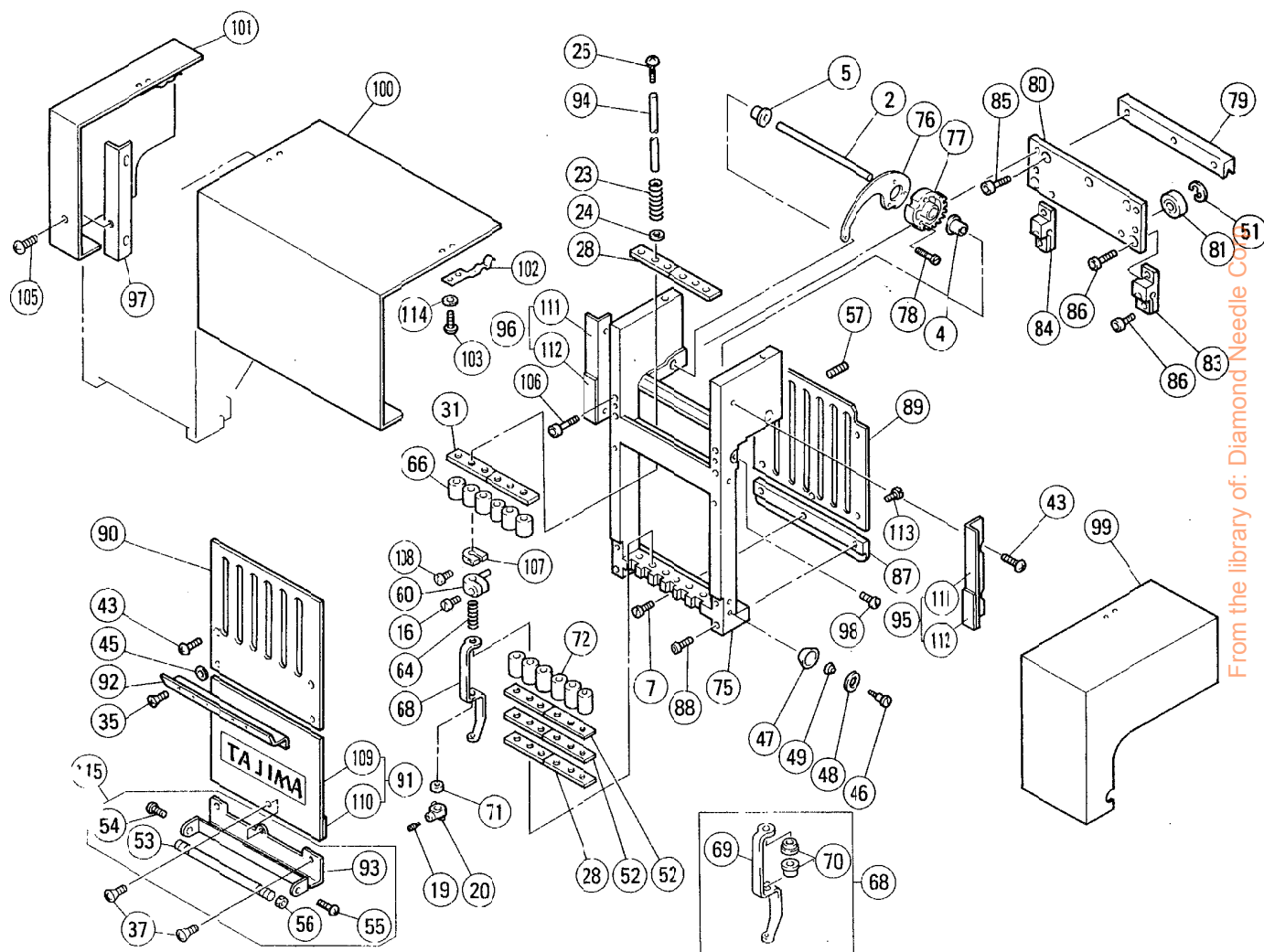
TMEF-H ARM

FH-5

Ref No.	Description	Part No.	Remark	Ref No.	Description	Part No.	Remark
121	Plain Washer		M6	177	Needle Bar Drive Shaft Collar	F X 0 5 2 3 0 0 0 0 0 0	
123	No.3 Pin Set	E F 0 5 1 1 S 1 0 0 0 0		178	Needle Bar Drive Shaft Felt	F X 0 5 2 4 0 0 0 0 0 0	
124	No.3 Pin	E F 0 5 1 1 0 1 0 0 0 0		179	Needle Bar Drive Shaft Felt B	F X 0 5 6 0 0 0 0 0 0 0	
125	Wick B	E F 0 5 5 7 0 0 0 0 0 0		180	Arm Guide Plate	F X 0 5 2 5 0 1 0 0 0 0	
126	No.4 Pin Set	E F 0 5 1 2 S 0 0 0 0 0		181	Positioning Plate	F X 0 5 2 6 0 0 0 0 0 0	
133	No.1 Pin	F X 0 5 0 6 0 0 0 0 0 0		182	Arm Top Cover	E G 0 5 3 2 0 0 0 0 0 0	
137	Take-up Lever Guide Rail	E F 0 5 1 4 0 1 # # # #		183	Arm Side Cover B	F X 0 5 5 4 A 1 0 0 0 0	
138	Flat Fillister Head Screw	S M 6 0 0 9 0 5 S C 0 0	9/64 * 40 * 5L	184	Arm Side Cover B1	F X 0 5 5 4 B 1 0 0 0 0	Last Head
139	Arm Rail, Upper	E F 0 5 2 6 0 2 # # # #		185	Cord Clip	P B 0 0 0 7 0 0 E B 0 0	
140	Solenoid Bracket	E G 0 5 0 8 0 2 0 0 0 0		186	Arm Front Cover R	F X 0 5 5 5 R 0 0 0 0 0	
141	Solenoid Cover Set	E G 0 5 1 0 S 2 0 0 0 0		188	Take-up Lever Rail Holder R	F X 0 5 5 6 R 0 # # # #	
142	Solenoid Cover	E G 0 5 1 0 0 2 0 0 0 0		189	Take-up Lever Rail Holder L	F X 0 5 5 6 L 0 # # # #	
147	Needle Bar Drive Lever Set	E G 0 5 2 7 0 0 0 0 0 0		190	Arm	F X 0 5 0 1 0 1 0 0 0 0	
150	No.2 Pin Set	E G 0 5 2 8 S 0 0 0 0 0		191	Arm Side Cover A	E G 0 5 1 8 0 3 0 0 0 0	
151	No.2 Pin	E G 0 5 2 8 0 0 0 0 0 0		192	Jump Base	E G 0 5 4 6 0 0 0 0 0 0	
152	Wick A	E G 0 5 4 3 0 0 0 0 0 0		193	Arm Front Cover L	F X 0 5 5 5 L 2 0 0 0 0	
153	Take-up Lever Drive Lever B	E G 0 5 2 9 0 0 0 0 0 0		194	Liner Plate		9.5P * 6.1P * 0.8t
154	Take-up Lever Drive Lever Pin Set	E G 0 5 3 0 S 0 0 0 0 0		195	Truss Head Screw	S M 0 1 0 9 0 8 C D 0 0	9/64 * 40 * 8L
155	Take-up Lever Drive Lever Pin	E G 0 5 3 0 0 0 0 0 0 0					
156	Wick B	E G 0 5 4 4 0 0 0 0 0 0					
161	Needle Bar Drive Shaft Set	F X 0 5 2 2 S 1 0 0 0 0					
162	Needle Bar Drive Shaft	F X 0 5 2 2 0 1 0 0 0 0					
163	Needle Bar Drive Shaft Wick	E G 0 5 3 6 0 0 0 0 0 0					
165	Hexagon Socket Head Cap Screw	S M 6 2 1 1 1 0 C C 0 0	11/64 * 40 * 10L				
168	Cam Roller Pin Set	E G 0 5 3 1 S 1 0 0 0 0					
170	Bearing Brass	E G 0 5 4 1 0 0 0 0 0 0					
171	Bearing Bushing	E G 0 5 4 2 0 0 0 0 0 0					
172	Round Fillister Head Screw	S M 7 0 0 9 0 6 C C 0 0	9/64 * 40 * 6L				
174	Hexagon Nut		M4				
175	Take-up Lever Drive Lever A	E G 0 5 2 1 0 3 0 0 0 0					

Note: As for parts with marks # or *, please follow our instructions on Table of Contents, in your parts order.

(9 3 1 0)



From the library of: Diamond Needle Co.

TMEF-H NEEDLE BAR CASE

FH-6

Ref No.	Description	Part No.	Remark	Ref No.	Description	Part No.	Remark
2	Take-up Lever Shaft	E F 0 6 0 2 0 0 # # # #		66	Cushion Ring B	E F 0 6 4 3 0 1 0 0 0 0	
4	Take-up Lever Adjusting Bushing	E F 0 6 0 5 0 0 0 0 0 0		68	Presser Foot Set	E F 0 6 1 3 0 3 0 0 0 0	
5	Take-up Lever Positioning Bushing	E F 0 6 0 6 0 0 0 0 0 0		69	Presser Foot	E F 0 6 1 3 1 3 0 0 0 0	
7	Round Fillister Head Screw	S M 7 0 0 9 0 5 S C 0 0	9/64 * 40 * 5L	70	Presser Foot Bushing	E F 0 6 1 3 2 2 0 0 0 0	
16	Flat Fillister Head Screw	S M 6 0 0 9 0 7 S C 0 0	9/64 * 40 * 7L	71	Cushion Ring A	E F 0 6 4 2 0 2 0 0 0 0	
19	Needle Set Screw	E F 0 6 1 5 0 0 0 0 0 0		72	Cushion Ring C	E F 0 6 4 4 0 2 0 0 0 0	
20	Needle Clamp	E F 0 6 1 6 0 0 0 0 0 0		75	Needle Bar Case	F X 0 6 0 1 0 0 # # # #	
23	Needle Bar Holding Spring	E F 0 6 1 8 0 0 0 0 0 0		76	Take-up Lever	F X 0 6 0 3 0 0 0 0 0 0	
24	Spring Shoe Washer	E F 0 6 1 9 0 0 0 0 0 0		76	Take-up Lever (Jumbo Rotary Hook)	F X C 6 0 3 0 0 0 0 0 0	
25	Holding Spring Set Screw	E F 0 6 2 0 0 0 0 0 0 0 0		77	Take-up Lever Gear	E F 0 6 0 3 0 1 0 0 0 0	
28	Felt Packing	E F 0 6 2 3 0 0 # # # #		78	Flat Fillister Head Screw	S S 6 0 0 3 1 0 0 C C 0	M3 * 10L
31	Cushion Rubber B	E F 0 6 2 7 0 0 # # # #		79	Case Rail, Upper	F X 0 6 0 6 0 0 # # # #	
35	Round Countersunk Head Screw	S M 2 0 0 9 0 4 S B 0 0	9/64 * 40 * 4L	80	Guide Roller Base	F X 0 6 0 7 0 0 # # # #	
37	Round Countersunk Head Screw	S M 2 0 0 9 0 6 S D 0 0	9/64 * 40 * 6L	81	Ball Bearing	B P R 1 3 4 0 Z Z 0 0 0	R-1340ZZ
43	Truss Head Screw	S M 0 1 0 9 0 6 S D 0 0	9/64 * 40 * 6L	83	Color Change Bracket R	F X 0 6 0 9 R 0 0 0 0 0	
45	Plain Washer		M4	84	Color Change Bracket L	F X 0 6 0 9 L 0 0 0 0 0	
46	Thread Suspender Attaching Screw	E F 0 6 3 6 0 0 0 0 0 0 0		85	Case Rail, Upper Set Screw	F X 0 6 1 0 0 0 0 0 0 0	
47	Thread Suspender Disk	E F 0 6 3 7 0 0 0 0 0 0 0		86	Change Bracket Set Screw	F X 0 6 1 1 0 0 0 0 0 0 0	
48	Thread Suspender Spring Presser	E F 0 6 3 8 0 0 0 0 0 0 0		87	Case Rail, Lower	F X 0 6 1 2 0 0 # # # #	
49	Thread Suspender Spring	E F 0 6 3 9 0 0 0 0 0 0 0		88	Hexagon Socket Head Cap Screw	S S 6 2 0 4 2 5 0 C C 1	M4 * 25L
51	E-ring	E 3 0 0 0 0 0 0 0 0 0 0 0	E-3	89	Needle Bar Guide Rail	F X 0 6 1 3 0 0 # # # #	
52	Presser Foot Adjusting Rubber	E F 0 6 2 5 A 0 * * * *	0.5mm Thick	90	Top Cover	F X 0 6 2 3 0 0 # # # #	
52	Presser Foot Adjusting Rubber	E F 0 6 2 5 B 0 * * * *	1 mm Thick	91	Face Plate Set	F X 0 6 2 4 0 0 # # # #	
53	Thread Hook Spring	E F 0 6 3 1 0 0 # # # #		92	Middle Thread Guide	F X 0 6 2 5 0 0 # # # #	
54	Pan Head Screw	S S 4 1 0 4 0 8 0 S D 0	M4 * 8L	92	Middle Thread Guide (Jumbo Rotary Hook)	F X C 6 2 5 0 0 # # # #	
55	Pan Head Screw	S S 4 1 0 4 1 5 0 S D 0	M4 * 15L	93	Lower Thread Guide	F X 0 6 2 6 0 0 # # # #	
56	Hexagon Nut		M4 Type 3	94	Needle Bar	F X 0 6 3 2 0 0 0 0 0 0 0	
57	Hollow Set Screw	S S 8 2 0 5 0 6 0 T N 0	M5 * 6L	95	Cover Attaching Bracket R	F X 0 6 2 8 R 0 0 0 0 0	
60	Needle Bar Connecting Stud	F X 0 6 1 7 0 0 0 0 0 0 0		96	Cover Attaching Bracket L	F X 0 6 2 8 L 0 0 0 0 0	
64	Presser Foot Spring C	E F 0 6 1 4 C 1 0 0 0 0		97	Cover Attaching Bracket C	F X 0 6 2 8 C 0 0 0 0 0	

Note: As for parts with marks # or *, please follow our instructions on Table of Contents, in your parts order.

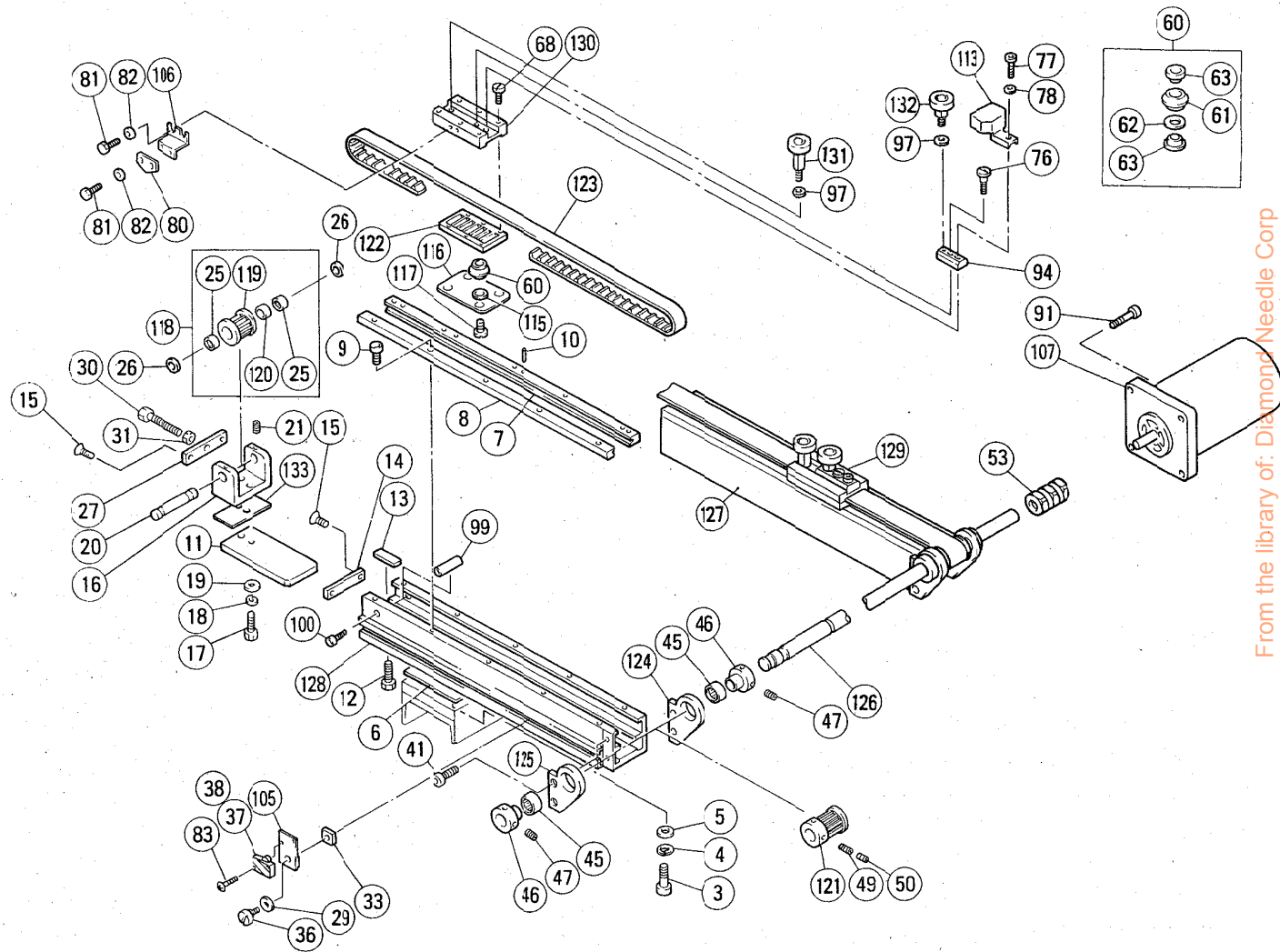
(9 3 1 0)

FH-6

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(9 3 1 0)

TMEF-H X-AXIS DRIVE SYSTEM FH-7



From the library of: Diamond Needle Corp

TAJIMA

(9310)

TMEF-H X-AXIS DRIVE SYSTEM

FH-7

Ref No.	Description	Part No.	Remark	Ref No.	Description	Part No.	Remark
3	Hexagon Socket Head Cap Screw	S S 6 2 0 8 3 5 0 C C 0	M8 * 35L	33	Fixture Base	E G 0 7 3 0 0 0 0 0 0 0	
4	Spring Washer		M8	36	Adjusting Knob	E G 0 7 3 1 0 0 0 0 0 0	
5	Plain Washer		M8	37	Limit Switch	P B 0 0 1 0 0 0 S P 0 0	
6	Drive Spacer A	E F 0 8 2 9 0 0 * * * *		38	Actuator	M S 6 6 0 2 0 0 0 0 0 0	
7	X-axis Frame Rail A	E F 0 7 0 4 A 1 * * * *		41	Hexagon Socket Head Cap Screw	S S 6 2 0 6 1 5 0 C C 0	M6 * 15L
8	X-axis Frame Rail B	E F 0 7 0 4 B 1 * * * *		45	Needle Bearing	H K 1 8 1 2 0 0 0 0 0 0	HK-1812
9	Hexagon Socket Head Cap Screw	S S 6 2 0 4 1 2 0 C C 0	M4 * 12L	46	15mm Dia. Needle Collar	E F 0 2 0 8 0 0 0 0 0 0	
10	Spring Pin		4P * 12L	47	Hollow Set Screw	S S 8 2 0 5 0 5 0 T N 0	M5 * 5L
11	Tension Base	E G 0 7 0 7 0 0 0 0 0 0		49	Hollow Set Screw	S S 8 2 0 6 0 6 0 T N 0	M6 * 6L
11	Tension Base	E G G 7 0 7 0 0 0 0 0 0	M,G-Spec M/C	50	Hollow Set Screw	S S 8 2 0 6 0 5 0 T N 0	M6 * 5L
12	Hexagon Bolt	S S 9 3 0 5 1 5 0 S D 0	M5 * 15L	53	N-Coupling	N 1 5 0 1 5 0 0 0 0 0 0	N-15-15
13	Tension Liner	E G 0 7 1 0 0 0 0 0 0 0		60	No.1 Roller Set	E F 0 7 0 9 0 0 0 0 0 0	
14	Tension Rivet Plate	E G 0 7 0 9 0 0 0 0 0 0		61	No.1 Roller	E F 0 7 0 9 1 0 0 0 0 0	
14	Tension Rivet Plate	E G G 7 0 9 0 0 0 0 0 0	M,G-Spec M/C	62	Liner Plate	E F 0 7 0 9 2 0 0 0 0 0	
15	Countersunk Head Screw	S S 1 1 0 4 1 0 0 S D 0	M4 * 10L	63	Ball Bearing	L F 1 2 8 0 Z Z 0 0 0 0	LF-1280ZZ
16	Tension Shaft Holder B	E G 0 7 0 6 B 0 0 0 0 0		68	Flat Fillister Head Screw	S S 6 0 0 4 1 2 0 S C 0	M4 * 12L
16	Tension Shaft Holder	E G G 7 0 6 0 0 0 0 0 0	M,G-Spec M/C	76	Roller Base Guide Pin	E G 0 7 1 8 0 0 0 0 0 0	
17	Hexagon Bolt	S S 9 3 0 5 2 0 0 S D 0	M5 * 20L	77	Hexagon Socket Head Cap Screw	S S 6 2 0 5 1 2 0 C C 0	M5 * 12L
18	Spring Washer		M5	78	Plain Washer		M5
19	Plain Washer		M5	80	LS Dog	E G 0 7 2 8 0 0 0 0 0 0	
20	Tension Shaft	E G 0 7 1 1 0 0 0 0 0 0		81	Hexagon Bolt	S S 9 3 0 3 0 6 0 S D 0	M3 * 6L
20	Tension Shaft	E G G 7 1 1 0 0 0 0 0 0	M,G-Spec M/C	82	Plain Washer		M3
21	Hollow Set Screw	S S 8 2 0 4 0 5 0 T N 0	M4 * 5L	83	Pan Head Screw	S S 4 1 0 3 1 4 0 S D 0	M3 * 14L
25	Needle Bearing	H K 1 2 1 0 0 0 0 0 0 0	HK-1210	91	Hexagon Socket Head Cap Screw	S S 6 2 0 8 1 5 0 C C 0	M8 * 15L
26	Rulon Washer	B P T W 1 2 2 5 0 0 0 0		97	Roller Pin Spacer	E G 0 7 7 0 0 0 0 0 0 0	
27	Tension Plate	E G 0 7 0 8 0 0 0 0 0 0		99	Driver Reinforcing Shaft	E G 0 7 4 1 0 0 0 0 0 0	
27	Tension Plate	E G G 7 0 8 0 0 0 0 0 0	M,G-Spec M/C	99	Driver Reinforcing Shaft	E G G 7 4 1 0 0 0 0 0 0	M,G-Spec M/C
29	Plain Washer		M4	100	Hexagon Socket Head Cap Screw	S S 6 2 0 5 1 0 0 C C 0	M5 * 10L
30	Hexagon Bolt	S S 9 3 0 6 6 5 0 S D 0	M6 * 65L	105	Limit Switch Base A	E G 0 7 2 7 A 1 0 0 0 0	
31	Hexagon Nut		M6	106	LS Dog Base	E G G 7 2 9 0 1 0 0 0 0	

Note: As for parts with marks # or *, please follow our instructions on Table of Contents, in your parts order.

(9 3 1 0)

TMEF-H X-AXIS DRIVE SYSTEM

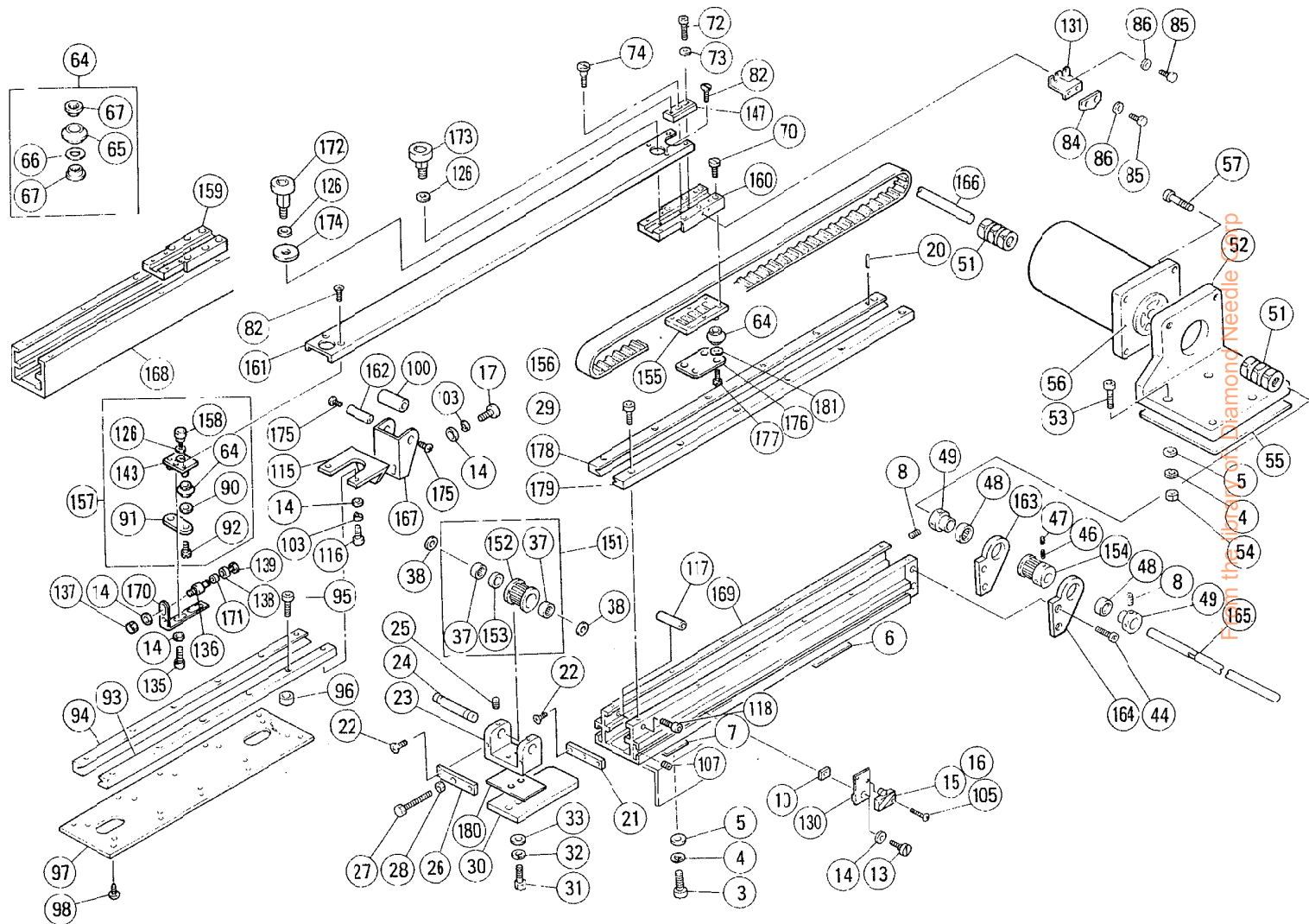
FH-7

Ref No.	Description	Part No.	Remark	Ref No.	Description	Part No.	Remark
107	Pulse (Stepping) Motor	E H 6 4 0 3 0 0 0 0 0 0		129	X-axis Feed Plate C	M X 0 7 0 5 C 0 0 0 0 0	M,G-Spec M/C
107	Pulse (Stepping) Motor	L G 6 4 0 4 0 0 0 0 0 0	G-Spec M/C	130	X-axis Feed Plate B	M X 0 7 0 5 B 0 0 0 0 0	
110	Presser Roller Base	E G 0 7 1 5 0 2 0 0 0 0		130	X-axis Feed Plate D	M X 0 7 0 5 D 0 0 0 0 0	M,G-Spec M/C
113	X-axis Roller Cover	M X 0 7 1 4 0 1 0 0 0 0		131	Bearing Pin A	E G 0 7 7 8 0 1 0 0 0 0	
115	Roller Washer	E F 0 7 2 6 0 0 0 0 0 0	M,G-Spec M/C	132	Bearing Pin B	E G 0 7 7 9 0 1 0 0 0 0	
116	No.1 RollerConnecting Plate	E G G 7 7 1 0 0 0 0 0 0	M,G-Spec M/C	133	Tension Base Spacer A	M X 0 7 1 2 A 0 0 0 0 0	
117	Roller Set Screw	E F 0 7 1 0 0 1 0 0 0 0		133	Tension Base Spacer B	M X 0 7 1 2 B 0 0 0 0 0	M,G-Spec M/C
117	Flat Fillister Head Screw	S M 6 0 0 9 0 6 S C 0 0	9/64*40*6L M,G-Spec.				
118	Tension-side Timing Pulley A Set	M X S 7 1 1 A 0 0 0 0 0					
118	Tension-side Timing Pulley B Set	M X S 7 1 1 B 0 0 0 0 0	M,G-Spec M/C				
119	Tension-side Timing Pulley A	M X 0 7 1 1 A 0 0 0 0 0					
119	Tension-side Timing Pulley B	M X 0 7 1 1 B 0 0 0 0 0	M,G-Spec M/C				
120	Tension Pulley Spacer	M X 0 7 0 8 0 0 0 0 0 0					
120	Tension Pulley Spacer	E F G 7 0 7 0 0 0 0 0 0	M,G-Spec M/C				
121	Driver-side Timing Pulley A	M X 0 7 1 0 A 0 0 0 0 0					
121	Driver-side Timing Pulley B	M X 0 7 1 0 B 0 0 0 0 0	M,G-Spec M/C				
122	Belt Catcher Plate A	M X 0 7 0 6 A 0 0 0 0 0					
122	Belt Catcher Plate B	M X 0 7 0 6 B 0 0 0 0 0	M,G-Spec M/C				
123	Timing Belt	B P S 5 M 3 5 0 * * * *	S5M-35				
123	Timing Belt	B P S 5 M 5 0 0 * * * *	S5M-50 M,G-Spec				
124	Bearing Case Plate BR	M X R 7 0 7 B 0 0 0 0 0					
125	Bearing Case Plate BL	M X L 7 0 7 B 0 0 0 0 0					
126	X-axis Drive Shaft	M X 0 8 2 8 0 0 * * * *					
126	X-axis Drive Shaft	M X M 8 2 8 0 0 * * * *	M-Spec M/C				
126	X-axis Drive Shaft	L G G 8 1 1 0 1 * * * *	G-Spec M/C				
127	X-axis Driver Frame A	M X 0 7 0 2 A 1 * * * *					
127	X-axis Driver Frame C	M X 0 7 0 2 C 1 * * * *	M,G-Spec M/C				
128	X-axis Driver Frame B	M X 0 7 0 2 B 1 * * * *					
128	X-axis Driver Frame D	M X 0 7 0 2 D 1 * * * *	M,G-Spec M/C				
129	X-axis Feed Plate A	M X 0 7 0 5 A 0 0 0 0 0					

Note: As for parts with marks # or *, please follow our instructions on Table of Contents, in your parts order.

(9 3 1 0)

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TMEF-H Y-AXIS DRIVE SYSTEM

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Ref No.	Description	Part No.	Remark	Ref No.	Description	Part No.	Remark
3	Hexagon Socket Head Cap Screw	SS 6 2 0 8 2 5 0 C C 0	M8 * 25L	33	Plain Washer		M5
4	Spring Washer		M8	37	Needle Bearing	HK 1 2 1 0 0 0 0 0 0 0	HK-1210
5	Plain Washer		M8	38	Rulon Washer	B P T W 1 2 2 5 0 0 0 0	
6	Driver Spacer B	E F 0 8 3 0 0 0 * * * *		44	Hexagon Socket Head Cap Screw	SS 6 2 0 6 1 5 0 C C 0	M6 * 15L
7	Driver Spacer C	E F 0 8 3 1 0 0 * * * *		46	Hollow Set Screw	SS 8 2 0 6 0 6 0 T N 0	M6 * 6L
8	Hollow Set Screw	SS 8 2 0 5 0 5 0 T N 0	M5 * 5L	47	Hollow Set Screw	SS 8 2 0 6 0 5 0 T N 0	M6 * 5L
10	Fixture Base	EG 0 7 3 0 0 0 0 0 0 0		48	Needle Bearing	HK 1 8 1 2 0 0 0 0 0 0	HK-1812
13	Adjusting Knob	EG 0 7 3 1 0 0 0 0 0 0		49	15mm Dia. Needle Collar	EF 0 2 0 8 0 0 0 0 0 0	
14	Plain Washer		M4	51	N-Coupling	N 1 5 0 1 5 0 0 0 0 0 0	N-15-15
15	Limit Switch	P B 0 0 1 0 0 0 S P 0 0		52	Pulse Motor Base	MX 0 7 1 8 0 0 0 0 0 0	
16	Actuator	MS 6 6 0 2 0 0 0 0 0 0		53	Hexagon Socket Head Cap Screw	SS 6 2 0 8 4 0 0 C C 0	M8 * 40L
17	Hexagon Socket Head Cap Screw	SS 6 2 0 4 0 8 0 C C 0	M4 * 8L	54	Hexagon Nut		M8
20	Spring Pin		4P * 12L	55	Motor Base Spacer	EF 0 8 2 8 0 0 0 0 0 0	
21	Tension Rivet Plate	EG 0 7 0 9 0 0 0 0 0 0	Belt Width:35mm	56	Pulse (Stepping) Motor	EH 6 4 0 4 0 0 0 0 0 0	
21	Tension Rivet Plate	EG G 7 0 9 0 0 0 0 0 0	Belt Width:50mm	56	Pulse (Stepping) Motor	LG 6 4 0 5 0 0 0 0 0 0	G-Spec M/C
22	Countersunk Head Screw	SS 1 1 0 4 1 0 0 S D 0	M4 * 10L	57	Hexagon Socket Head Cap Screw	SS 6 2 0 8 2 0 0 C C 0	M8 * 20L
23	Tension Bearing Case A	EG 0 7 0 6 A 0 0 0 0 0	Belt Width:35mm	64	No.1 Roller Set	EF 0 7 0 9 0 0 0 0 0 0	
23	Tension Shaft Holder	EG G 7 0 6 0 0 0 0 0 0	Belt Width:50mm	65	No.1 Roller	EF 0 7 0 9 1 0 0 0 0 0	
24	Tension Shaft	EG 0 7 1 1 0 0 0 0 0 0	Belt Width:35mm	66	Liner Plate	EF 0 7 0 9 2 0 0 0 0 0	
24	Tension Shaft	EG G 7 1 1 0 0 0 0 0 0	Belt Width:50mm	67	Ball Bearing	LF 1 2 8 0 Z Z 0 0 0 0	LF-1280ZZ
25	Hollow Set Screw	SS 8 2 0 4 0 5 0 T N 0	M4 * 5L	70	Flat Fillister Head Screw	SS 6 0 0 4 1 2 0 S C 0	M4 * 12L
26	Tension Plate	EG 0 7 0 8 0 0 0 0 0 0	Belt Width:35mm	72	Hexagon Socket Head Cap Screw	SS 6 2 0 5 1 2 0 C C 0	M5 * 12L
26	Tension Plate	EG G 7 0 8 0 0 0 0 0 0	Belt Width:50mm	73	Plain Washer		M5
27	Hexagon Bolt	SS 9 3 0 6 6 5 0 S D 0	M6 * 65L	74	Roller Base Guide Pin	EG 0 7 1 8 0 0 0 0 0 0	
28	Hexagon Nut		M6	82	Countersunk Head Screw	SS 1 1 0 4 0 8 0 S D 0	M4 * 8L
29	Hexagon Socket Head Cap Screw	SS 6 2 0 4 1 2 0 C C 0	M4 * 12L	84	LS Dog	EG 0 7 2 8 0 0 0 0 0 0	
30	Tension Base	EG 0 7 0 7 0 0 0 0 0 0	Belt Width:35mm	85	Hexagon Bolt	SS 9 3 0 3 0 6 0 S D 0	M3 * 6L
30	Tension Base	EG G 7 0 7 0 0 0 0 0 0	Belt Width:50mm	86	Plain Washer		M3
31	Hexagon Bolt	SS 9 3 0 5 2 0 0 S D 0	M5 * 20L	90	Roller Washer	EF 0 7 2 6 0 0 0 0 0 0	
32	Spring Washer		M5	91	Roller Guide	EF 0 7 2 5 0 0 0 0 0 0	

Note: As for parts with marks # or *, please follow our instructions on Table of Contents, in your parts order.

(9 3 1 0)

TMEF-H Y-AXIS DRIVE SYSTEM

FH-8

Ref No.	Description	Part No.	Remark	Ref No.	Description	Part No.	Remark
92	Round Fillister Head Screw	SM 7 0 0 9 0 5 S C 0 0	9/64 * 40 * 5L	151	Tension-side Timing Pulley B Set	MX S 7 1 1 B 0 0 0 0 0	Belt Width:50mm
93	Y-axis Rail, Front R	E F 0 7 1 4 R 0 * * * *		152	Tension-side Timing Pulley A	MX 0 7 1 1 A 0 0 0 0 0	Belt Width:35mm
94	Y-axis Rail, Front L	E F 0 7 1 4 L 0 * * * *		152	Tension-side Timing Pulley B	MX 0 7 1 1 B 0 0 0 0 0	Belt Width:50mm
95	Hexagon Socket Head Cap Screw	SS 6 2 0 4 1 5 0 C C 0	M4 * 15L	153	Tension Pulley Spacer	MX 0 7 0 8 0 0 0 0 0 0	Belt Width:35mm
96	Rail Spacer	E F 0 7 1 6 0 0 0 0 0 0		153	Tension Pulley Spacer	E F G 7 0 7 0 0 0 0 0 0	Belt Width:50mm
97	Front Rail Holder	E F 0 7 1 5 0 0 * * * *	Belt Width:35mm	154	Driver-side Timing Pulley A	MX 0 7 1 0 A 0 0 0 0 0	Belt Width:35mm
97	Front Rail Holder	MX 0 7 0 9 0 0 * * * *	Belt Width:50mm	154	Driver-side Timing Pulley B	MX 0 7 1 0 B 0 0 0 0 0	Belt Width:50mm
98	Round Head Wood Screw		4.5P * 20L	155	Belt Catcher Plate A	MX 0 7 0 6 A 0 0 0 0 0	Belt Width:35mm
100	Roller	E F 0 7 2 2 0 0 0 0 0 0		155	Belt Catcher Plate B	MX 0 7 0 6 B 0 0 0 0 0	Belt Width:50mm
103	Spring Washer		M4	156	Timing Belt	B P S 5M 3 5 0 * * * *	S5M-35
105	Pan Head Screw	SS 4 1 0 3 1 4 0 S D 0	M3 * 14L	156	Timing Belt	B P S 5M 5 0 0 * * * *	S5M-50
107	Hollow Set Screw	SS 8 2 0 5 0 8 0 T N 0	M5 * 8L	157	Y-axis Feed Plate, Front Set	E G 0 7 1 9 S 5 * * * *	
115	Bearing Case Base	E F 0 7 2 1 A 1 0 0 0 0		158	Y-axis Feed Plate Front Pin	E G 0 7 7 7 0 1 0 0 0 0	
115	Bearing Case B	E F 0 7 2 1 B 1 0 0 0 0	For C-2	159	Y-axis Feed Plate Rear A	MX 0 7 0 3 A 0 0 0 0 0	Belt Width:35mm
116	Hexagon Socket Head Cap Screw	SS 6 2 0 4 1 0 0 C C 0	M4 * 10L	159	Y-axis Feed Plate Rear C	MX 0 7 0 3 C 0 0 0 0 0	Belt Width:50mm
117	Driver Reinforcing Shaft	E G 0 7 4 1 0 0 0 0 0 0	Belt Width:35mm	160	Y-axis Feed Plate Rear B	MX 0 7 0 3 B 0 0 0 0 0	Belt Width:35mm
117	Driver Reinforcing Shaft	E G G 7 4 1 0 0 0 0 0 0	Belt Width:50mm	160	Y-axis Feed Plate, Rear D	MX 0 7 0 3 D 0 0 0 0 0	Belt Width:50mm
118	Hexagon Socket Head Cap Screw	SS 6 2 0 5 1 0 0 C C 0	M5 * 10L	161	Y-axis Feed Connecting Plate	MX 0 7 0 4 0 0 * * * *	
126	Roller Pin Spacer	E G 0 7 7 0 0 0 0 0 0 0		162	Roller Pin	E F 0 7 2 3 0 1 0 0 0 0	
130	Limit Switch Base B	E G 0 7 2 7 B 1 0 0 0 0		163	Bearing Case Plate BR	MX R 7 0 7 B 0 0 0 0 0	
130	Limit Switch Base A	E G 0 7 2 7 A 1 0 0 0 0	M,G-Spec M/C	164	Bearing Case Plate BL	MX L 7 0 7 B 0 0 0 0 0	
131	LS Dog Base	E G 0 7 2 9 0 1 0 0 0 0		165	Y-axis Drive Shaft A	MX 0 8 0 9 A 0 * * * *	
135	Hexagon Socket Head Cap Screw	SS 6 2 0 4 0 6 0 C C 0	M4 * 6L	166	Y-axis Drive Shaft B	MX 0 8 0 9 B 1 * * * *	
136	Roller Pin	E G 0 7 7 3 0 0 0 0 0 0		167	Bearing Case	E F 0 7 2 0 0 2 0 0 0 0	
137	Hexagon Nut		M4	168	Y-axis Driver Frame A	MX 0 7 0 1 A 2 * * * *	Belt Width:35mm
138	Roller	E G 0 7 7 4 0 0 0 0 0 0		168	Y-axis Driver Frame C	MX 0 7 0 1 C 2 * * * *	Belt Width:50mm
139	E-ring	E 3 0 0 0 0 0 0 0 0 0 0	E-3	169	Y-axis Driver Frame B	MX 0 7 0 1 B 2 * * * *	Belt Width:35mm
143	Y-axis Feed Plate, Front	E G 0 7 1 9 0 4 * * * *		169	Y-axis Driver Frame D	MX 0 7 0 1 D 2 * * * *	Belt Width:50mm
147	Presser Roller Base	E G 0 7 1 5 0 2 0 0 0 0		170	Roller Attaching Bracket	E G 0 7 7 2 0 1 0 0 0 0	
151	Tension-side Timing Pulley A Set	MX S 7 1 1 A 0 0 0 0 0	Belt Width:35mm	171	Dry Bearing	MB 0 4 0 6 D U 0 0 0 0	MB0406DU

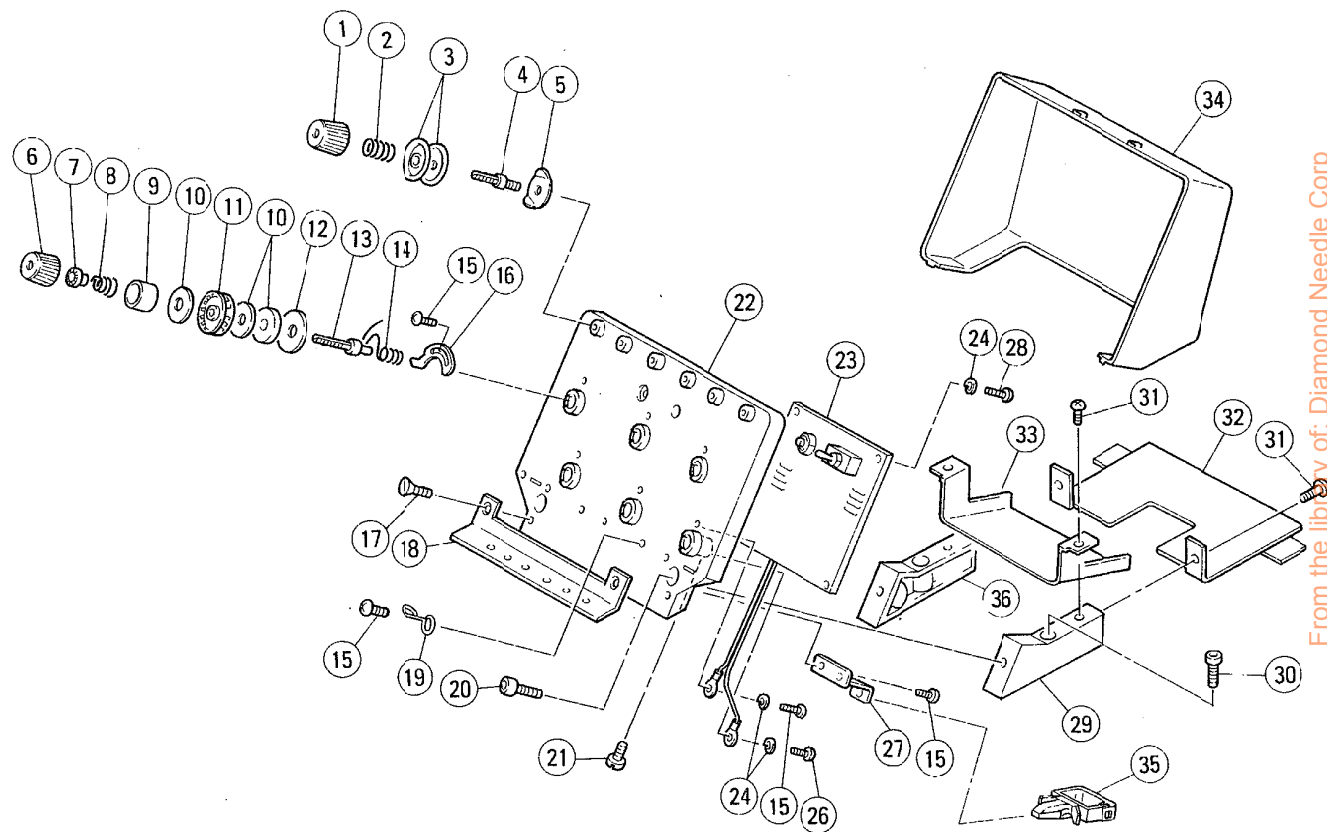
Note: As for parts with marks # or *, please follow our instructions on Table of Contents, in your parts order.

(9 3 1 0)

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(9 3 1 0)



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TMEF-H INDIVIDUAL TENSION BASE

FH-9

Ref No.	Description	Part No.	Remark	Ref No.	Description	Part No.	Remark
1	First Tension Regulator	L G 0 9 2 2 0 0 0 0 0 0		32	Tension Base Cord Cover A	F X 0 9 0 6 0 1 # # # #	Right Side
2	First Tension Spring	L G 0 9 2 1 0 1 0 0 0 0		32	Tension Base Cord Cover B	F X 0 9 0 7 0 1 # # # #	Middle
3	First Tension Disk	L G 0 9 2 0 0 0 0 0 0 0		32	Tension Base Cord Cover C	F X 0 9 0 8 0 1 # # # #	Left Side
4	First Tension Stud	L G 0 9 1 8 0 0 0 0 0 0		33	Cord Support Cover	F X 0 9 0 4 0 1 # # # #	
5	First Tension Thread Course	L G 0 9 1 9 0 1 0 0 0 0		34	Tension Base Cover	F X 0 9 0 3 0 0 # # # #	
6	Adjusting Screw	E F 0 9 0 9 0 0 0 0 0 0		35	Locking Wire Saddle	P B 0 0 0 8 0 0 E B 0 0	
7	Spring Hook	E F 0 9 1 0 0 0 0 0 0 0		36	Individual Tension Base Support L	L G 0 9 1 2 L 1 0 0 0 0	
8	Tension Spring	E F 0 9 0 8 0 0 0 0 0 0					
9	Tension Collar	E F 0 9 0 6 0 0 0 0 0 0					
10	Felt Packing	E F 0 9 0 4 0 0 0 0 0 0					
11	Rotary Tension Disk	E F 0 9 0 5 0 1 0 0 0 0					
12	Insulation Plate	E F 0 9 0 3 0 0 0 0 0 0					
13	Tension Stud	L G 0 9 2 3 0 0 0 0 0 0					
14	Thread Take-up Spring	E F 0 9 0 7 0 1 0 0 0 0					
15	Truss Head Screw	S M 0 1 0 8 0 7 K L 0 0	1/8 * 44 * 7L				
16	Thread Breakage Detecting Contact Point	L G 0 9 1 6 0 0 0 0 0 0					
17	Round Countersunk Head Screw	S M 2 0 0 8 0 4 S A 0 0	1/8 * 44 * 4L				
18	Tension Base Lower Thread Guide	F X 0 9 0 2 0 0 # # # #					
19	Tension Base Middle Thread Guide	L G 0 9 1 7 0 1 0 0 0 0					
20	Hexagon Socket Head Cap Screw	S S 6 2 0 4 1 0 0 C C 0	M4 * 10L				
21	Flat Fillister Head Screw	S M 6 0 0 9 0 6 S C 0 0	9/64 * 40 * 6L				
22	Individual Tension Base	F X 0 9 0 1 0 0 # # # #					
23	Tension Base Card (PC Board)	E G 7 2 0 3 0 2 0 0 0 0					
24	Spring Washer		M3				
26	Pan Head Screw	S S 4 1 0 3 0 6 0 S D 0	M3 * 6L				
27	Cord Clamp Base	F X 0 9 0 5 0 2 0 0 0 0					
28	Pan Head Screw	S S 4 1 0 3 0 5 0 S D 0	M3 * 5L				
29	Individual Tension Base Support R	L G 0 9 1 2 R 1 0 0 0 0					
30	Hexagon Socket Head Cap Screw	S S 6 2 0 4 1 8 0 C C 0	M4 * 18L				
31	Truss Head Screw	S M 0 1 0 9 0 6 S D 0 0	9/64 * 40 * 6L				

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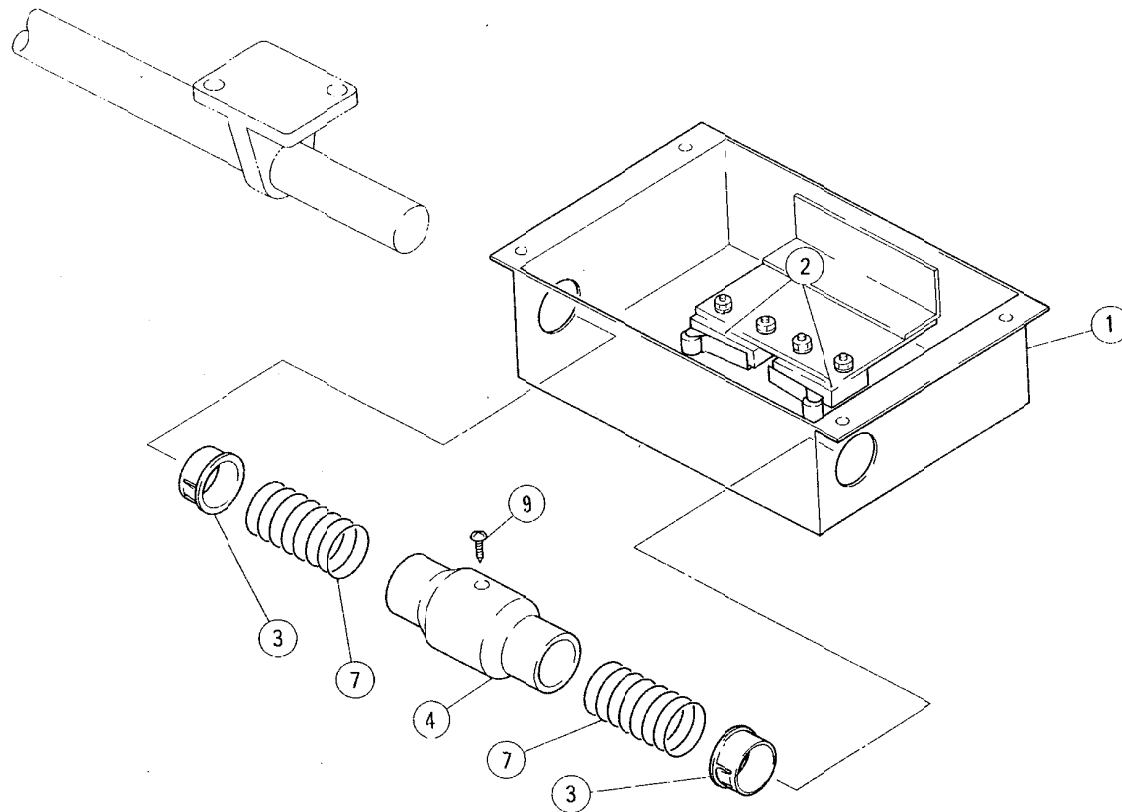
Note: As for parts with marks # or *, please follow our instructions on Table of Contents, in your parts order.

(9310)

TMEF-H

BAR SWITCH BOX

FH-10



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TAJIMA

(9203)

TMEF-H BAR SWITCH BOX

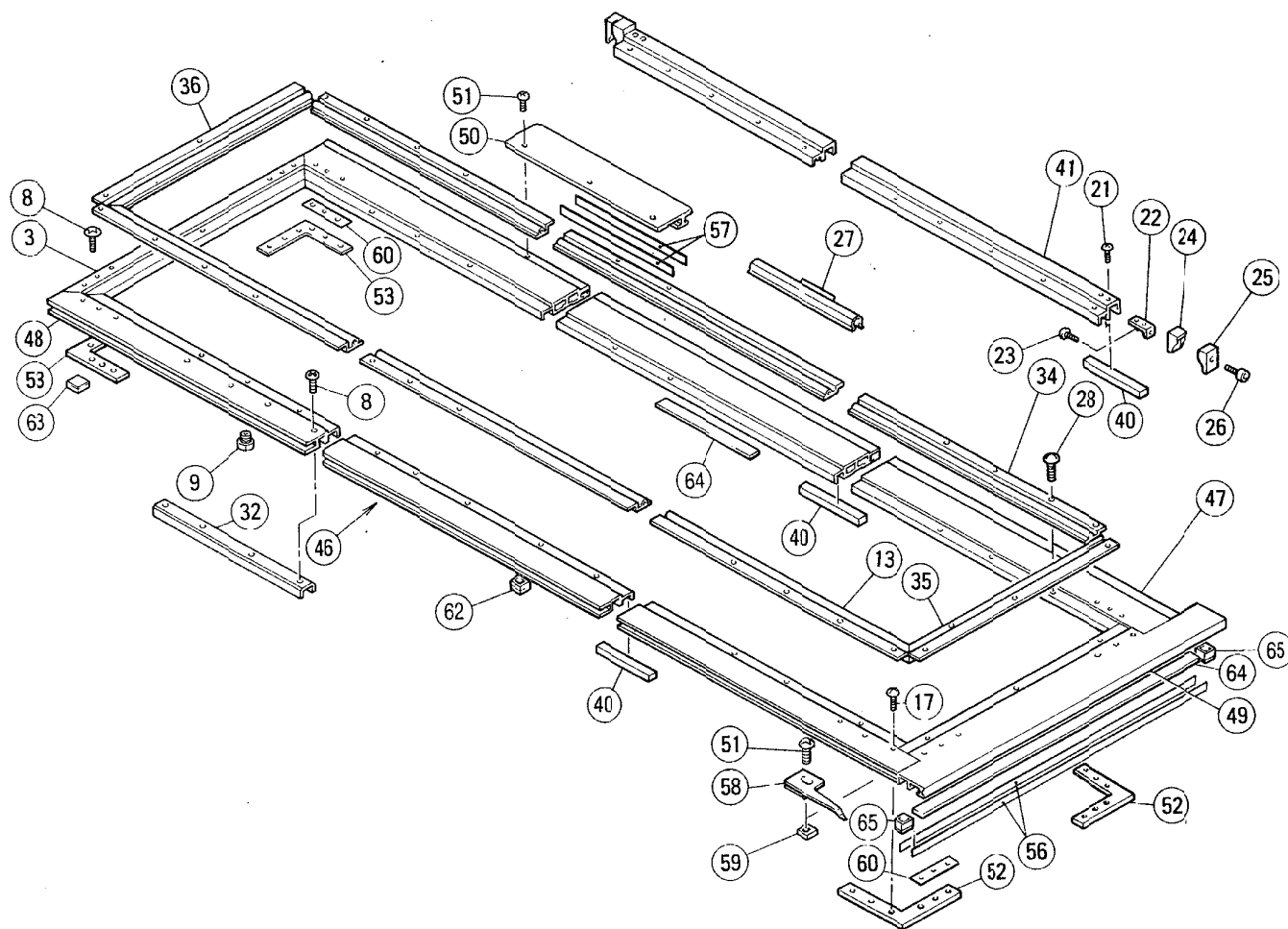
FH-10

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(9 2 0 3)

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TMEF-H EMBROIDERY FRAME

FH-11

Ref No.	Description	Part No.	Remark	Ref No.	Description	Part No.	Remark
3	Left Side Y-axis Sash	MX 0 3 0 2 0 0 * * * *		59	Embroidery Space Indicator Plate Nut	S F 0 3 1 4 0 0 0 0 0 0	
8	Truss Head Screw	S S 0 1 0 5 0 8 0 C B 0	M5*8L	60	Corner Liner	MX 0 3 1 4 0 0 0 0 0 0	
9	Screw Ring	E F 0 3 0 3 0 0 0 0 0 0		62	No.1 Cork Set	E G 0 3 2 1 0 2 0 0 0 0	
13	Border Frame Crosswise Sash	F H 0 3 1 2 0 0 * * * *		63	No.3 Cork Set	E G 0 3 2 5 0 1 0 0 0 0	
17	Truss Head Screw	S S 0 1 0 5 1 2 0 C B 0	M5*12L	64	Right Side Y-axis Sash Felt	MX 0 3 0 9 0 1 0 0 0 0	
21	Truss Head Screw	S S 0 1 0 4 0 5 0 C B 0	M4*5L	65	No.5 Cork Set	MX 0 3 1 5 0 2 0 0 0 0	
22	Inner Frame Attachment C	E F 0 3 1 1 0 0 0 0 0 0					
23	Pan Head Screw	S S 4 1 0 4 0 5 0 C D 0	M4*5L				
24	Inner Frame Attachment A	E F 0 3 0 9 0 0 0 0 0 0					
25	Inner Frame Attachment B	E F 0 3 1 0 0 0 0 0 0 0					
26	Hexagon Socket Head Cap Screw	S S 6 2 0 4 1 5 0 C C 0	M4*15L				
27	Border Frame Clip	E F 0 3 0 7 0 0 * * * *					
28	Truss Head Screw	S S 0 1 0 4 0 8 0 C A 2	M4*8L				
32	Crosswise Sash Rail	M E 0 3 0 7 0 0 * * * *					
34	Border Frame Crosswise Sash B	E G 0 3 1 2 B 0 * * * *					
35	Border Frame Lengthwise Sash R	E F 0 3 0 5 R 1 * * * *					
36	Border Frame Lengthwise Sash L	E F 0 3 0 5 L 1 * * * *					
40	No.4 Felt	E G 0 3 1 7 0 0 0 0 0 0					
41	Middle Sash	E G 0 3 1 3 0 1 * * * *					
46	Base Frame Sash Set	MX 0 3 0 0 S 0 * * * *					
47	Rear Sash	MX 0 3 0 4 0 0 * * * *					
48	Front Sash	MX 0 3 0 3 0 0 * * * *					
49	Right Side Y-axis Sash	MX 0 3 0 1 0 0 * * * *					
50	Rear Sash Rail	MX 0 3 0 5 0 0 * * * *					
51	Truss Head Screw	S S 0 1 0 5 1 0 0 C B 0	M5*10L				
52	Right Corner C	MX 0 3 0 6 0 0 0 0 0 0					
53	Left Corner C	MX 0 3 0 7 0 0 0 0 0 0					
56	Rail Plate, Lengthwise	MX 0 3 1 0 0 0 * * * *					
57	Rail Plate, Crosswise	MX 0 3 1 1 0 0 * * * *					
58	EmbroiderySpace Indicator	MX 0 3 1 2 0 0 0 0 0 0					

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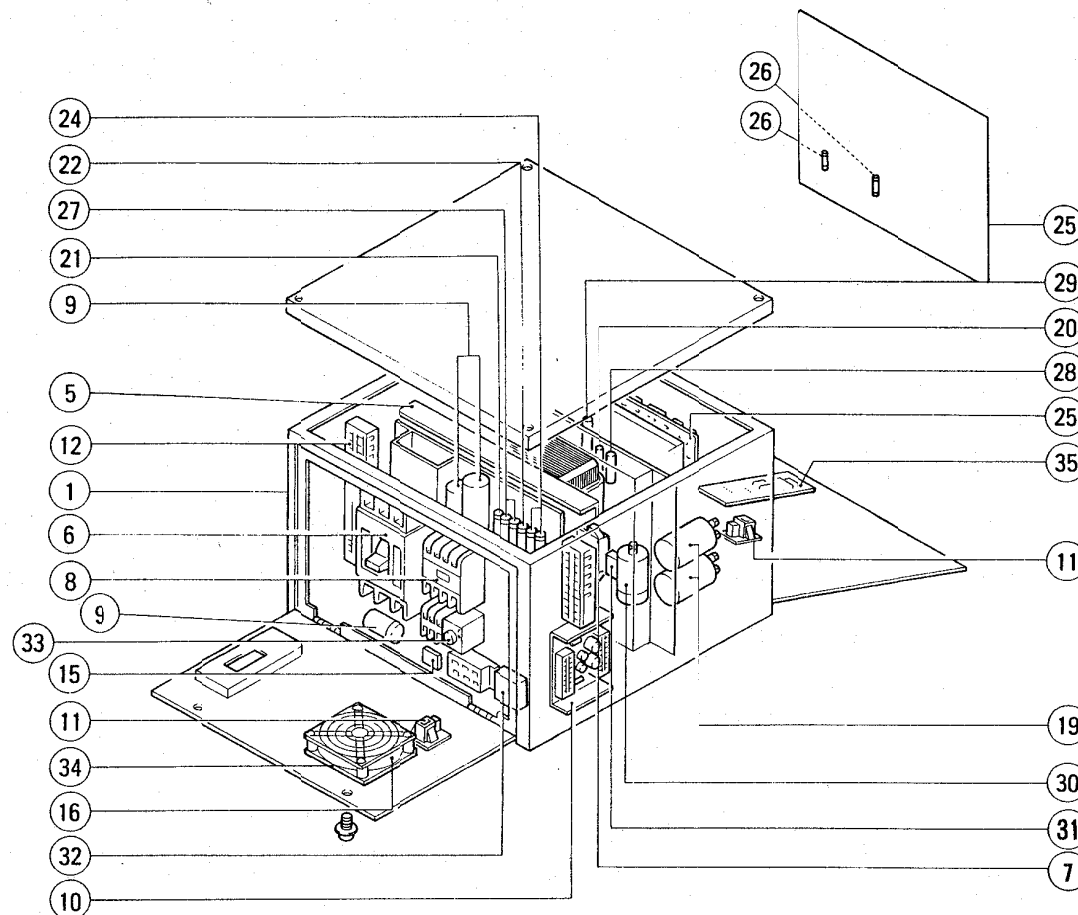
Note: As for parts with marks # or *, please follow our instructions on Table of Contents, in your parts order.

(9 3 1 0)

TMEF-H

POWER SUPPLY BOX

FH-12



Note 2:

Note 1:

Note 1: 2pcs. (for up to 12-head Machine)
 4pcs. (for more than 12-head Machine)
 Note 2: 1pce. (for up to 12-head Machine)
 2pcs. (for more than 12-head Machine)

TAJIMA

(9301)

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TMEF-H POWER SUPPLY BOX

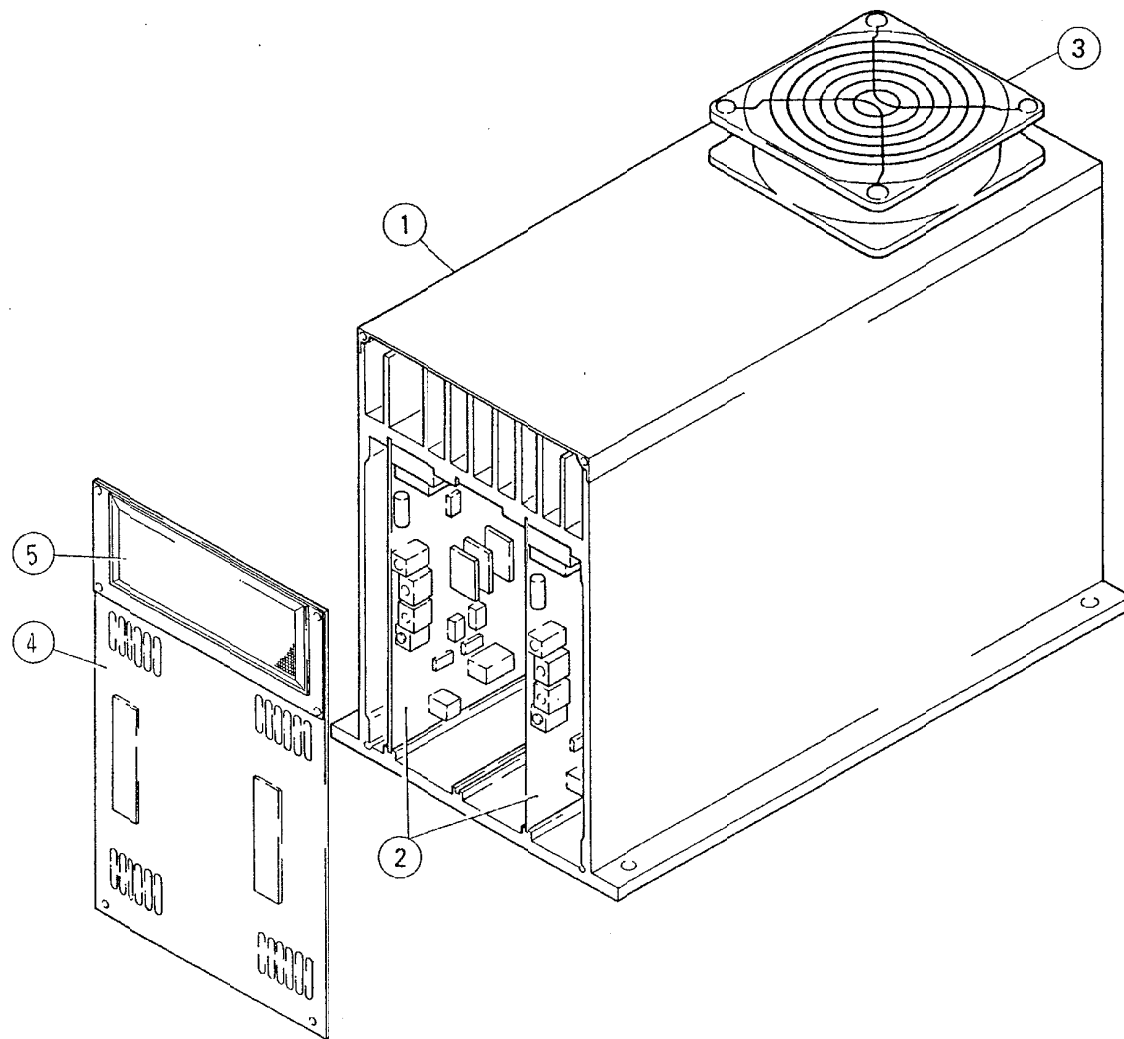
FH-12

Ref No.	Description	Part No.	Remark	Ref No.	Description	Part No.	Remark
1	Power Supply Box	E H 5 6 0 2 B 1 0 0 0 0	Up to 12 Head M/C				
1	Power Supply Box	E H 5 6 0 2 C 1 0 0 0 0	13 or more Head				
5	Transformer	P B 0 0 1 9 0 0 T V 0 0					
6	No Fuse Breaker	P B 0 0 0 1 0 0 K A 0 0					
7	Relay	P B 0 0 0 1 0 0 K M 0 0					
8	Electro-magnetic Contactor	P B 0 0 0 2 0 0 K M 0 0					
9	Surge Absorber	P B 0 0 0 2 0 0 R S 0 0					
10	DC Power Supply	P B 0 0 1 4 0 0 P W 0 0					
11	Receptacle	P B 0 0 0 2 0 0 P A 0 0					
12	Terminal Base	P B 0 0 0 3 0 0 T B 0 0					
15	Surge Absorber	P B 0 0 0 1 0 0 R S 0 0					
16	Fan	P B 0 0 0 1 0 0 B F 0 0					
19	Electrolytic Condenser	P B 0 0 0 4 0 0 C A 0 0					
20	Resistor	P B 0 0 0 2 0 0 R A 0 0					
21	Glass Tube Fuse	P A 5 0 0 2 1 0 0 0 0 0					
22	Glass Tube Fuse	P A 5 0 0 2 2 0 0 0 0 0					
24	Glass Tube Fuse	P A 5 0 0 2 A 0 0 0 0 0					
25	H-Joint 2 Card (PC Board)	E H 5 6 0 4 0 1 0 0 0 0					
26	Glass Tube Fuse	P A 5 0 0 2 8 0 0 0 0 0					
27	Glass Tube Fuse	P A 5 0 4 2 A 0 0 0 0 0					
28	Resistor	P B 0 0 0 1 0 0 R A 0 0					
29	Resistor	P B 0 0 0 9 0 0 R A 0 0					
30	Electrolytic Condenser	P B 0 0 0 2 0 0 C A 0 0					
31	Diode	P B 0 0 0 2 0 0 D S 0 0					
32	Diode	P B 0 0 0 1 0 0 D S 0 0					
33	Thermmal Relay	P B 0 0 0 4 0 0 K A 0 0					
34	Air Filter	P B 0 0 0 2 0 0 Z M 0 0					
35	Jump Amp. 4 Card	E F 6 1 0 2 0 1 0 0 0 0					

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Note: As for parts with marks # or *, please follow our instructions on Table of Contents, in your parts order.

(9 3 0 1)



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TMEF-H DRIVER BOX

FH-13

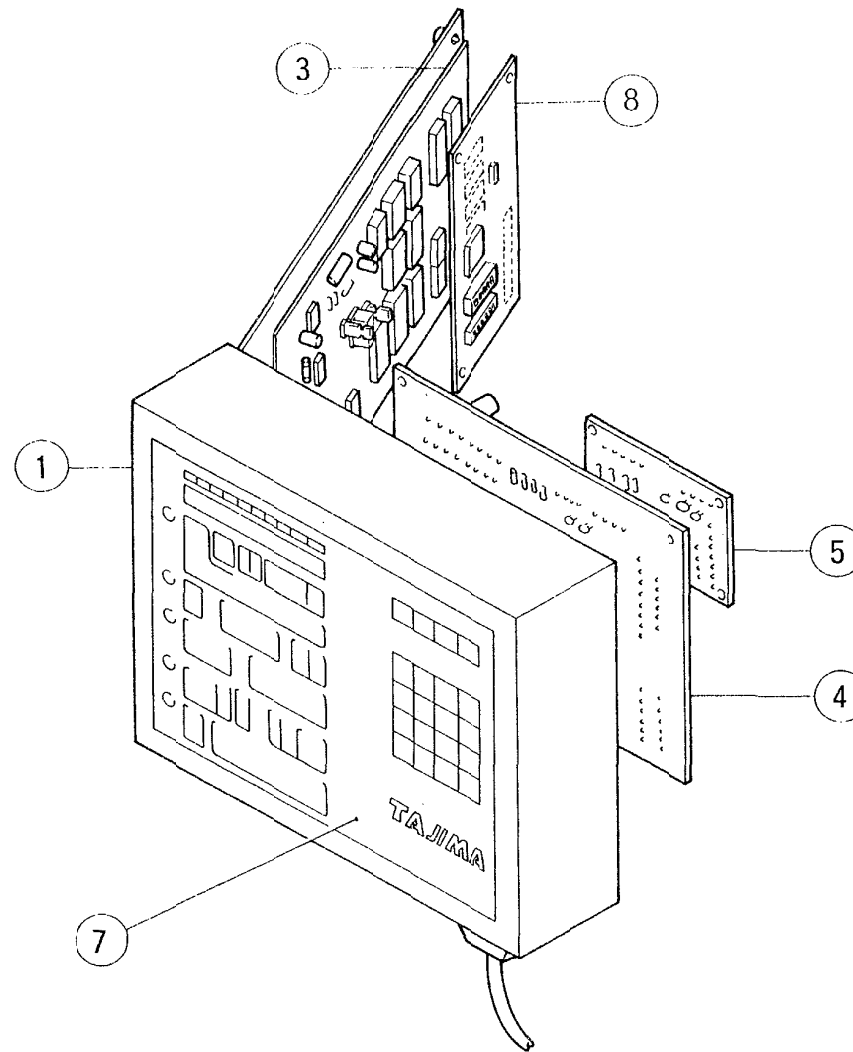
[illegible]

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Note: As for parts with marks # or *, please follow our instructions on Table of Contents, in your parts order.

(9 3 0 1)

TMEF-H CONTROLLER BOX FH-14



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TAJIMA

(9312)

TMEF-H CONTROLLER BOX

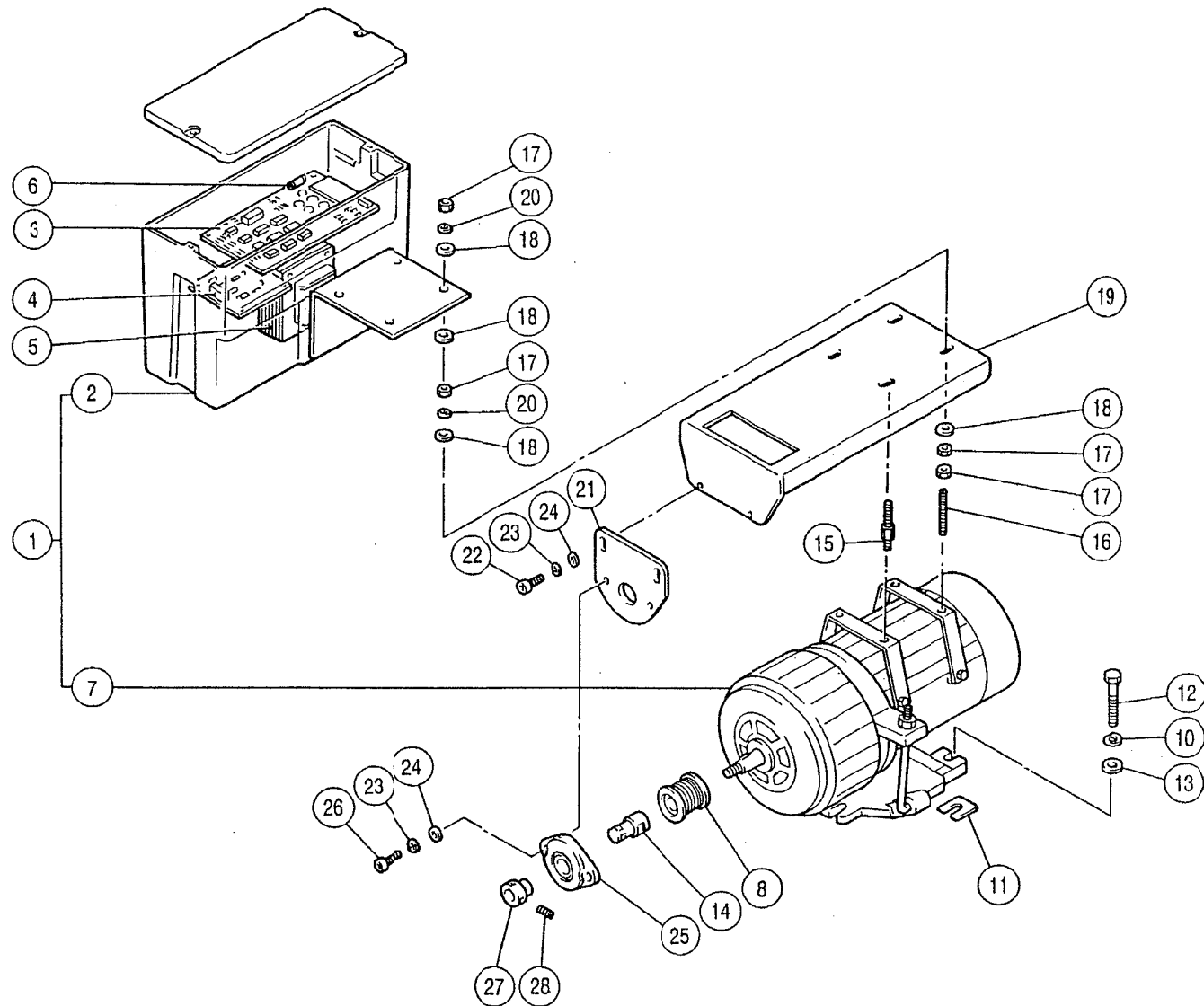
FH-14

[illegible]

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Note: As for parts with marks # or *, please follow our instructions on Table of Contents, in your parts order.

(9 3 1 2)



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TMEF-H MAIN SHAFT MOTOR ASSEMBLY

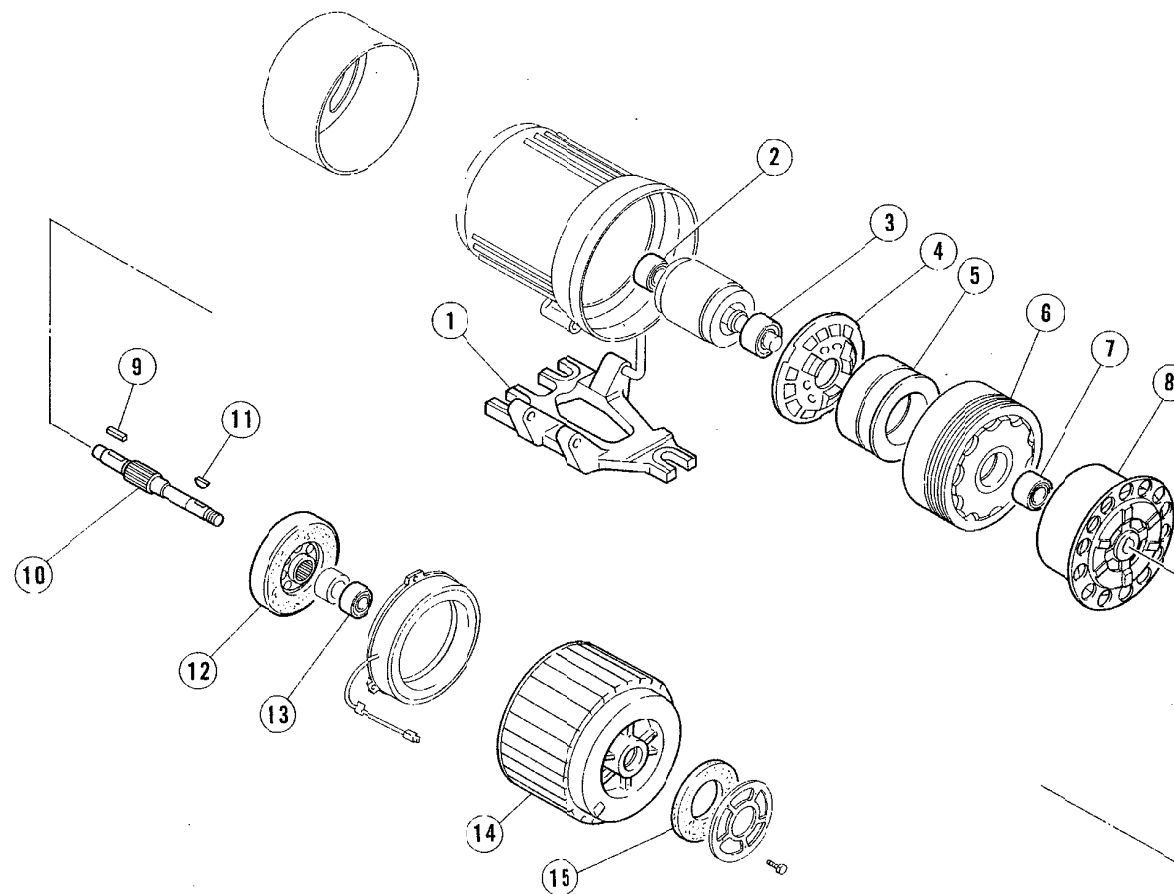
FH-15

Ref No.	Description	Part No.	Remark	Ref No.	Description	Part No.	Remark
1	Main Shaft Motor Assembly	E F 6 2 0 0 D 0 0 0 0 0					
2	Main Motor Control Box	E F 6 2 0 1 A 1 0 0 0 0					
3	Control Card (PC Board)	E F 6 2 0 2 0 0 0 0 0 0					
4	Reverse-phase Detecting Card (PC Board)	E F 6 2 0 3 0 0 0 0 0 0					
5	Transformer	P B 0 0 2 7 0 0 T V 0 0					
6	Glass Tube Fuse	P A 5 0 1 2 8 0 0 0 0 0					
7	Main Shaft Motor	E F 6 2 0 4 D 0 0 0 0 0					
8	Motor Pulley	E G 0 1 0 7 A 1 0 0 0 0	60Hz				
8	Motor Pulley	E G 0 1 0 7 B 1 0 0 0 0	50Hz				
10	Spring Washer		M10				
11	Main Shaft Motor Spacer A	E F 0 8 3 7 A 0 0 0 0 0	0.5mm Thick				
11	Main Shaft Motor Spacer B	E F 0 8 3 7 B 0 0 0 0 0	1 mm Thick				
12	Hexagon Bolt	S S 9 3 1 0 3 5 0 C C 0	M10 *35L				
13	Plain Washer		M10				
14	Motor Shaft Attachment	M X 0 1 1 1 0 2 0 0 0 0					
15	Fixing Stud	M X 0 1 1 2 0 0 0 0 0 0					
16	Hollow Set Screw	S S 8 2 0 5 5 0 0 T N 0	M5 *50L				
17	Hexagon Nut		M5				
18	Plain Washer		M5				
19	Bearing Case Base Bracket	M X 0 1 1 5 0 2 0 0 0 0					
20	Spring Washer		M5				
21	Bearing Case Base	M X 0 1 1 4 0 1 0 0 0 0					
22	Hexagon Socket Head Cap Screw	S S 6 2 0 6 1 2 0 C C 0	M6 *12L				
23	Spring Washer		M6				
24	Plain Washer		M6				
25	Bearing Case Set	M X 0 1 1 6 S 0 0 0 0 0					
26	Hexagon Socket Head Cap Screw	S S 6 2 0 6 2 0 0 C C 0	M6 *20L				
27	15mm Dia. Bearing Collar	E G 0 2 2 7 0 0 0 0 0 0					
28	Hollow Set Screw	S S 8 2 0 5 0 5 0 T N 0	M5 *5L				

Note: As for parts with marks # or *, please follow our instructions on Table of Contents, in your parts order.

(9 3 1 1)

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FH-16

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(9107)