Singer 71-30 Singer 71-31 Form 3131w (356) Printed in U. S. A.

# LIST of PARTS



# **SINGER**"

**MACHINES** 

Nos. 71-30 and 71-31

THE SINGER MANUFACTURING COMPANY

# INSTRUCTIONS FOR OILING

To ensure easy running and prevent unnecessary wear of the parts which are in movable contact, the machine requires oiling, and when in continuous use, "TYPE B" or "TYPE D" OIL, sold by Singer Sewing Machine Company, should be applied at least twice each day to all oil holes marked "OIL", as instructed in Form 7804.

"TYPE D" OIL should be used when an oil is desired which will produce a minimum of stain on fabrics, even after a long period of storage.

Occasionally remove the screw from the loose pulley and apply a small quantity of BALL BEARING LUBRICANT to the ball bearing of the pulley through the tapped hole, using BALL BEARING LUBRICANT sold by Singer Sewing Machine Company, then replace the screw in the loose pulley.

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#### INSTRUCTIONS FOR ORDERING

In ordering from this list, use ONLY the PART number in the FIRST column.

The number stamped on a Sewing Machine Part is the number of the Single Part only, except when the part includes Set Screws, Clamping Screws, Studs and Rollers Spun on, Small Wires riveted, or Parts soldered together, etc., which it is necessary to furnish in combination.

Every combination of parts sent out has its specific number which, although not stamped on Parts (except in above case), must be used when ordering the combination.

Each number always indicates the SAME PART in whatever list it appears, or for whatever Machine.

The letters after some of the numbers indicate the style of finish only, as follows:

A-Hardened, Polished, Nickel Plated and Buffed.

AL—Heat Treated for Toughness.

ALX—Heat Treated for Toughness and Black Oxide.

B-Polished, Nickel Plated and Buffed.

C-Hardened only.

D-Polished only.

E-Soft, Not polished.

F-Hardened and Polished.

J-Nickel Plated only.

R—Merlized.

X—Black Oxide, for Iron and Steel.

XC—Hardened and Black Oxide, for Iron and Steel.

Y-Black Nickel Plated only.

Z-Chromium Plated.

These letters MUST BE USED when they appear in the list and AFTER the number, as in the list.

In this series

1 to 1500, 200001 to 201500 and 350001 to 351500 are Screw Numbers.

1501 to 1800, 201501 to 201800 and 351501 to 351800 are Nut Numbers.

1801 to 2000, 201801 to 202000 and 351801 to 352000 are Roller Numbers.

2001 to 50000 and 202001 to 350000 are Numbers of Machine Parts.

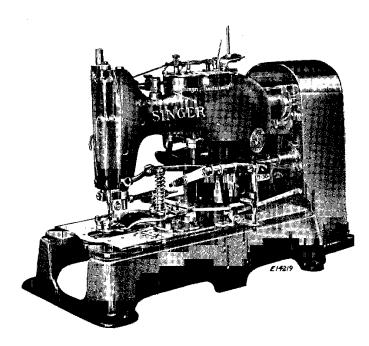
The figures in the second column refer only to the plate in which the illustration of the part is shown and are NOT TO BE USED in ordering.

Two or more numbers over a cut indicate that the difference between such parts is not visible in an illustration.

Parts marked with an asterisk (\*) are furnished only when repairs are made at the factory.

LIST OF PARTS COMPLETE

FOR



# MACHINE No. 71-30

MAKES PURL STITCH BUTTONHOLES WITH SQUARE BARRED ENDS. KNIVES FROM 3/4 TO 3/4 INCH LONG. CUTS BOTH THREADS AND THE HOLE AUTOMATICALLY AFTER STITCHING.

LOW SPEED MACHINE. POSITIVE FEED CLUTCH.

No.	Plate		Name
*39602		Arm	with 24081
8582	17881		Dowel Pin (2)
748E	17881	(1	Screw (back) (2) " (front) (2)
868E	17881	11	" (front) (2)
23352	17890	11	Shaft
*24081		11	" Bushing (front)
12357	17890	. 11	" Flanged Bushing (back)

No.	Plate	Name
435AL		Arm Shaft Flanged Bushing (back)
		Set Screw
4784	17890	Arm Shaft Oil Pad (2)
1069D	17890	" " Screw
39620	17965	" Side Cover
190D	17965	" " Screw
39621	17965	" Top Cover
808AL		" " Screw (3)
23562	17882	Barring Cam with two 858AL
858AL	17882	" " Set Screw
39844	17965	" Indicator
1228C	17965	" " Stud
1589C	17965	" " Thumb Nut
23563	17963	" Lever
23564	17963	" " Catch with 1226C
1276C	17963	" " Hinge Screw
1226C	17963	" " Position Stud
23565	17963	" " Spring
805C	17963	" " " Screw
213949	17963	" " " Washer
39616	17963	" " Stud
39617	17963	Kivet (tong)
39618	17963	(Short)
1227C	17963	Tinge Screw
1655E	17963	
23566	17963	Spring
124C	17963	" Stop Screw
1518J	17963	11446
23361	17963	Matchet 1 aw1
1248C	17963	III.ge Delen
23362	17963	Sp. mg
93X	17963	561611
15072 23544	17963 17963	" " Stop Pin " Retaining Pawl (hinge
23344	11703	screw end)
23545	17963	Barring Ratchet Retaining Pawl (wheel
23313	-1,05	end)
203C	17963	Barring Ratchet Retaining Pawl Adjust-
-050	,	ing Screw
23546	17963	Barring Ratchet Retaining Pawl (adjust-
		able) complete, Nos. 203C, 23544 and
		23545
999F	17963	Barring Ratchet Retaining Pawl Hinge
		Screw
23364	17963	Barring Ratchet Retaining Pawl Spring
240D	17963	11 11 11 11
		Screw
23664	17963	Barring Ratchet Wheel
23665	17963	" " Spring
1286C	17963	" Screw
23666	17963	" " Washer
23367	17963	" " Tripping Point
193F	17963	" "
		Screw
7071	17963	Barring Ratchet Wheel Tripping Point
	•==/=	Screw Washer
23370	17965	Barring Tripping Lever
856C	17965	" " Hinge Screw

No.	Plate	Name
*39603		Bed
39538	17881	" Oil Guard
1235F	17881	" " Screw (2)
389F	17971	Bobbin Winder Base Plate Screw (2)
135D	17971	" Tension Bracket Screw
23567	17886	Clamp Arm
625F	17885	" " Adjusting Screw (2)
1547X	17885	" " " Nut (2)
39584	17885	" Bracket with 196F
40003	17885	" " Guide (left)
219F	17885	" " " Screw (2)
40004	17885	" " " (right)
207F	17885	" " " " Screw (2)
191C	17885	" " Screw (3)
39541	17885	" " " Washer (3)
23379	17885	" " Hinge Block
23380	17885	" " " Pin
196F	17885	" " " Set Screw
402D	17885	" " Screw (3)
40005	17884	" Carrier
40006	17882	" Block with 40007 and
		four 404D
40007	17882	Clamp Carrier Block Plate
404D	17882	" " " Screw
23384	17882	" " Connecting Rod
52C	17882	" " " Hinge
		Screw
39591	17884	Clamp Carrier Guide (left)
756D	17884	" " " Screw (long)
1345D	17884	" " " (short)
39645	17884	" " (right)
1230F	17884	" " " Screw (2)
249753	17885	" Plate
1231F	17885	" " Screw (back) (2)
404D	17885	" " " (front) (2)
40010	17882	" Regulator with 240D,
1000-		1960 and 39583
1232C	17882	Clamp Carrier Regulator Hinge Screw
1960	17882	" " Roller and
1520J	17000	Screw Stud with 1520J
15203	17882	Clamp Carrier Regulator Roller and
39544	17881	Screw Stud Nut
350076C	17882	Clamp Carrier Regulator Slide
200100	11002	Dud to regulate
1671C	17882	length of buttonhole) Clamp Carrier Regulator Stud Nut
39532	17882	" " " Sleeve
39583	17882	" " " Stop
240D	17882	" " " Screw
39605	17884	" " Slide with 1345D, 39591
.,,,,,,,	17001	and two 756D
23392	17884	Clamp Carrier Slide Guide (left)
914F	17884	" " " " Screw
		(2)
23393	17884	Clamp Carrier Slide Guide (right)
914F	17884	" " " " Screw
		(2)
23394	17882	Clamp Carrier Slide Lever with 1960

· C.

No.	Plate	Name
23395	17882	Clamp Carrier Slide Lever Regulator
23396	17882	" " " " Cap
223D	17882	Screw (4)
67D	17882	Clamp Carrier Slide Lever Regulator Screw
1960	17882	Clamp Carrier Slide Lever Roller and Screw Stud with 1520J
1520J	17882	Clamp Carrier Slide Lever Roller and Screw Stud Nut
7278	17882	Clamp Carrier Slide Lever Socket Joint
1234C	17882	" " Regulating Stud
23397	17882	er it it it it
1658C	17882	Bushing Clamp Carrier Slide Regulating Stud Thumb Nut
1256D	17884	Clamp Carrier Slide Screw (2)
39606	17886	" Check with 39607, two each 237X
		and 1348E, for 3/8 to 3/4 in button- holes
39693	17886	Clamp Check complete, for 3/8 to 3/4
		in.buttonholes, Nos. 219F, 2269,
Notes	No 3060	39606, 39609 and 40048 to 40050
Note:		3 Clamp Check complete is furnished s machine unless another Clamp Check
		fied on order
39639	17886	
,37037	17000	Clamp Check with 39607, two each 237X and 1348E, for 3/8 to 1 in. buttonholes
39694	17886	Clamp Check complete, for 3/8 to 1 in. buttonholes, Nos. 219F, 2269, 39609, 39639 and 40048 to 40050
1297F	17886	Clamp Check Screw (2)
39607	17886	" " Section and Cutting Plate
237X	17886	H II II II II II
2512	11000	Screw
1348E	17886	Clamp Check Section and Cutting Plate Support Stud
40014	17886	Clamp Lifting Arm
40015	17964	" " " Connection
41C	17964	" " " Hinge Screw
1520J	17964	n 11 11 11 11 11 11 11 11 11
1901	17964	Clamp Lifting Arm Connection Roller
40016	17964	and Screw Stud with 229D and 12424 Clamp Lifting Arm Connection Roller
157F	17964	and Screw Stud Bracket Clamp Lifting Arm Connection Roller
2071.1	120()	and Screw Stud Bracket Screw
39541	17964	Clamp Lifting Arm Connection Roller and Screw Stud Bracket Screw Washer
229D	17964	Clamp Lifting Arm Connection Roller Cap Screw
12424	17964	Clamp Lifting Arm Connection Roller Cap Screw Washer
199D	17886	Clamp Lifting Arm Screw (2)
262045	17964	" " Stop with 200543XC
		and 201537X

PARTS FOR MACHINE No. 71-30

	Plate	Name
No.		
40018	17964	Clamp Lifting Arm Stop Bracket
162D	17964	BCIEW
		(2)
1248C	17964	Clamp Lifting Arm Stop Hinge Screw
1611E	17964	H 11 11 H H 11 H
	-	Nut
40019	17964	Clamp Lifting Arm Stop Pitman
	17964	" " " " Hinge
59D	11904	
		Screw (2)
200543XC		Clamp Lifting Arm Stop Screw
201537X	17964	n n n n n Nut
40020	17885	" Plate
1235F	17884	" " Screw (4)
23573	17885	" " Support
402D	17885	" " Screw (2)
23574	17885	" Post
		FUSI
1659C	17885	Fressure Vegarating Indition Mar
23404	17885	" Spring
23693	17885	" " Bushing
1294C	17885	" " Position Stud
1550J	17885	" " " " Nut
20197	17966	" Connecting Rod with 20198, 125044
-01/1	,	and two 896AL
*20198		
		Crank Connecting Rod Cap
896AL		501011
908C	17966	Tittige octew
1619E	17966	" " " " Nut
125044	17966	" " Oil Packing
		(felt)
249631	17881	Face Plate
217D	17881	" " Screw (lower)
190D	17881	" " (upper)
23407	17966	Feed Connecting Rod (lower)
375C	17966	" " Hinge Screw
1518J	17966	11 11 11 11 11
13103	11,00	Nut
23408	17044	
23400	17966	Feed Connecting Rod (upper) with
	/ /	202277 and two 966E
966E	17966	202277 and two 966E Feed Connecting Rod (upper) Cap
	17966	202277 and two 966E Feed Connecting Rod (upper) Cap Screw
966E 202277	17966 17966	202277 and two 966E Feed Connecting Rod (upper) Cap
		202277 and two 966E Feed Connecting Rod (upper) Cap Screw
		202277 and two 966E Feed Connecting Rod (upper) Cap Screw Feed Connecting Rod (upper) Oil Packing (wick)
202277 23409	17966 17966	202277 and two 966E Feed Connecting Rod (upper) Cap Screw Feed Connecting Rod (upper) Oil Packing (wick) Feed Disengaging Lever
202277 23409 1275C	17966 17966 17966	202277 and two 966E Feed Connecting Rod (upper) Cap Screw Feed Connecting Rod (upper) Oil Pack- ing (wick) Feed Disengaging Lever " " Hinge Screw
202277 23409 1275C 1521E	17966 17966 17966 17966	202277 and two 966E Feed Connecting Rod (upper) Cap Screw Feed Connecting Rod (upper) Oil Packing (wick) Feed Disengaging Lever " " " Hinge Screw " " " Nut
202277 23409 1275C 1521E 23557	17966 17966 17966 17966 17966	202277 and two 966E Feed Connecting Rod (upper) Cap Screw Feed Connecting Rod (upper) Oil Packing (wick) Feed Disengaging Lever " " Hinge Screw" " " " " Nut
202277 23409 1275C 1521E 23557 23412	17966 17966 17966 17966 17966 17890	202277 and two 966E Feed Connecting Rod (upper) Cap Screw Feed Connecting Rod (upper) Oil Packing (wick) Feed Disengaging Lever " " Hinge Screw " " " Nut " " Spring " Eccentric with 448AL
202277 23409 1275C 1521E 23557 23412 448AL	17966 17966 17966 17966 17966 17890 17890	202277 and two 966E Feed Connecting Rod (upper) Cap Screw Feed Connecting Rod (upper) Oil Packing (wick) Feed Disengaging Lever " " " Hinge Screw " " " " " Nut " Eccentric with 448AL " " Set Screw
202277 23409 1275C 1521E 23557 23412 448AL 39994	17966 17966 17966 17966 17966 17890 17890 17882	202277 and two 966E Feed Connecting Rod (upper) Cap Screw Feed Connecting Rod (upper) Oil Packing (wick) Feed Disengaging Lever " " " Hinge Screw " " " " Nut " " Spring " Eccentric with 448AL " " Set Screw " Hand Ratchet Lever
202277 23409 1275C 1521E 23557 23412 448AL 39994	17966 17966 17966 17966 17966 17890 17890	202277 and two 966E Feed Connecting Rod (upper) Cap Screw Feed Connecting Rod (upper) Oil Packing (wick) Feed Disengaging Lever " " " Hinge Screw " " " " " Nut " Eccentric with 448AL " " Set Screw " Hand Ratchet Lever " " " Collar with
202277 23409 1275C 1521E 23557 23412 448AL 39994	17966 17966 17966 17966 17966 17890 17890 17882	202277 and two 966E Feed Connecting Rod (upper) Cap Screw Feed Connecting Rod (upper) Oil Packing (wick) Feed Disengaging Lever " " " Hinge Screw " " " " Nut " " Spring " Eccentric with 448AL " " Set Screw " Hand Ratchet Lever
202277 23409 1275C 1521E 23557 23412 448AL 39994	17966 17966 17966 17966 17966 17890 17890 17882	202277 and two 966E Feed Connecting Rod (upper) Cap Screw Feed Connecting Rod (upper) Oil Packing (wick) Feed Disengaging Lever " " " Hinge Screw " " " " " Nut " Eccentric with 448AL " " Set Screw " Hand Ratchet Lever " " " Collar with
202277 23409 1275C 1521E 23557 23412 448AL 39994 232600	17966 17966 17966 17966 17966 17890 17890 17882	202277 and two 966E Feed Connecting Rod (upper) Cap Screw Feed Connecting Rod (upper) Oil Packing (wick) Feed Disengaging Lever " " Hinge Screw " " " Spring " Eccentric with 448AL " " Set Screw " Hand Ratchet Lever " " " Collar with two 453AL
202277 23409 1275C 1521E 23557 23412 448AL 39994 232600	17966 17966 17966 17966 17966 17890 17890 17882 17882	202277 and two 966E Feed Connecting Rod (upper) Cap Screw Feed Connecting Rod (upper) Oil Packing (wick) Feed Disengaging Lever " " Hinge Screw " " " Spring " Eccentric with 448AL " " Set Screw " Hand Ratchet Lever " " " Collar with two 453AL Feed Hand Ratchet Lever Collar Set Screw
202277 23409 1275C 1521E 23557 23412 448AL 39994 232600 453AL 39995	17966 17966 17966 17966 17966 17890 17890 17882 17882	202277 and two 966E Feed Connecting Rod (upper) Cap Screw Feed Connecting Rod (upper) Oil Packing (wick) Feed Disengaging Lever " " Hinge Screw " " " " " Nut " " Spring " Eccentric with 448AL " " Set Screw " Hand Ratchet Lever " " " Collar with two 453AL Feed Hand Ratchet Lever Collar Set Screw Feed Hand Ratchet Lever Pawl Body
202277 23409 1275C 1521E 23557 23412 448AL 39994 232600	17966 17966 17966 17966 17966 17890 17890 17882 17882	202277 and two 966E Feed Connecting Rod (upper) Cap Screw Feed Connecting Rod (upper) Oil Packing (wick) Feed Disengaging Lever " " " Hinge Screw " " " " " Nut " " " " " Nut " " Spring " Eccentric with 448AL " " Set Screw " Hand Ratchet Lever " " " Collar with two 453AL Feed Hand Ratchet Lever Collar Set Screw Feed Hand Ratchet Lever Pawl Body Feed Hand Ratchet Lever Pawl com-
202277 23409 1275C 1521E 23557 23412 448AL 39994 232600 453AL 39995	17966 17966 17966 17966 17966 17890 17890 17882 17882	202277 and two 966E Feed Connecting Rod (upper) Cap Screw Feed Connecting Rod (upper) Oil Packing (wick) Feed Disengaging Lever " " " Hinge Screw " " " " " Nut " " " " " " Nut " " " Spring " Eccentric with 448AL " " Set Screw " Hand Ratchet Lever " " " " Collar with two 453AL Feed Hand Ratchet Lever Collar Set Screw Feed Hand Ratchet Lever Pawl Body Feed Hand Ratchet Lever Pawl complete, Nos. 207E, 39523, 39995 and
202277 23409 1275C 1521E 23557 23412 448AL 39994 232600 453AL 39995 39996	17966 17966 17966 17966 17966 17890 17890 17882 17882 17882	202277 and two 966E Feed Connecting Rod (upper) Cap Screw Feed Connecting Rod (upper) Oil Packing (wick) Feed Disengaging Lever " " " Hinge Screw " " " " Spring " Eccentric with 448AL " " Set Screw " Hand Ratchet Lever " " " Collar with two 453AL Feed Hand Ratchet Lever Collar Set Screw Feed Hand Ratchet Lever Pawl Body Feed Hand Ratchet Lever Pawl complete, Nos. 207E, 39523, 39995 and two 1049E
202277 23409 1275C 1521E 23557 23412 448AL 39994 232600 453AL 39995	17966 17966 17966 17966 17966 17890 17890 17882 17882	202277 and two 966E Feed Connecting Rod (upper) Cap Screw Feed Connecting Rod (upper) Oil Packing (wick) Feed Disengaging Lever " " " Hinge Screw " " " " " Nut " " Spring " Eccentric with 448AL " " Set Screw " Hand Ratchet Lever " " " Collar with two 453AL Feed Hand Ratchet Lever Collar Set Screw Feed Hand Ratchet Lever Pawl Body Feed Hand Ratchet Lever Pawl complete, Nos. 207E, 39523, 39995 and two 1049E Feed Hand Ratchet Lever Pawl Hinge
202277 23409 1275C 1521E 23557 23412 448AL 39994 232600 453AL 39995 39996	17966 17966 17966 17966 17966 17890 17890 17882 17882 17882	202277 and two 966E Feed Connecting Rod (upper) Cap Screw Feed Connecting Rod (upper) Oil Packing (wick) Feed Disengaging Lever " " " Hinge Screw " " " " Spring " Eccentric with 448AL " " Set Screw " Hand Ratchet Lever " " " Collar with two 453AL Feed Hand Ratchet Lever Collar Set Screw Feed Hand Ratchet Lever Pawl Body Feed Hand Ratchet Lever Pawl complete, Nos. 207E, 39523, 39995 and two 1049E

No.	Plate	Name			No.	Plate	Name
39523 1049E	17882 $17882$	Feed Hand Ratchet Lever Pawl Point	•	,	7070	17883	Feed Wheel Driving Lever Regulating Stud Sleeve
207E	17882	Position Screw Feed Hand Ratchet Lever Pawl Point			201724X	17883	Feed Wheel Driving Lever Regulating Stud Thumb Nut
		Screw			185X	17883	Feed Wheel Driving Lever Screw
13218	17882	Feed Hand Ratchet Lever Pawl Spring			249558	17883	" " Washer (felt)
39997	17882	Feed Hand Ratchet Lever complete, Nos.			1237C	17883	" " Friction Ring Screw
3///	11002	90D, 13218, 39994 and 39996			1520J	17883	Tretton King berew
20001.	17009		*				1441
39924	17882	Feed Hand Ratchet Wheel with 460AL			14017	17883	Washer
3012	17882				23552	17883	" " " Section (long)
	17882	" " Set Screw			23553	17883	" " (short)
23418	17966	" Rock Shaft			23554	17883	" " " Spring
23419	17966	Feed Rock Shaft complete, Nos. 23418 and 23420			23555	17883	Feed Wheel Friction Ring complete, Nos. 23552 to 23554
23420	17966	Feed Rock Shaft Hinge Pin with 23421			2117C	17883	Feed Wheel Pin
23421	17966	" " " Plug			249559	17883	" " Retaining Clutch
23421	11700				39595		itetalining Oruten
110	.=0//	(leather)	2	4		17883	Cup
	. 17966	Feed Rock Shaft Hinge Pin Set Screw			898C	17883	Derem
23422	17966	" " " Spring			39504	17883	11 11 11 11 11
39590	17966	" " " Plate			*		Washer
181D	17966	" " " Screw			2256	17883	Feed Wheel Retaining Clutch Spring
39552		" Wheel with 23432 and two 220D	*	1	233D	17883	n H H . H . H
23698	17883	n n n n n n			2002	2.000	Screw
23070	1,005	for wide bight and wide cutting			721D	17883	<del>-</del> · ·
					1210	11003	Feed Wheel Retaining Clutch Spring
		space, for overall work, etc.					Stop Screw
Note:		Wheel 23698 is furnished with this ma-			39596	17883	Feed Wheel Retaining Clutch Stud
	chine ı	unless otherwise specified on order.			23431	17882	" " Shaft
249555	17883	Feed Wheel Clutch Disc			457AL	17882	" " " Oil Hole Plug Screw
249562	17883	" " " 249555 with			23433	17883	" " Tripping Lever
,		249549, 249550 249589, three each			350237C	17883	" " " Hinge Screw
		185X, 201897, 255096 and 255097			1620E	17883	11 11 11 11 11 11
91.0554	17002				1020E	11003	
249556	17883	Feed Wheel Clutch Disc Locking Plate					Nut
		with 350415C			23587	17883	Feed Wheel Tripping Lever Point
350415C	17883	Feed Wheel Clutch Disc Locking Plate			203C	17883	" Screw
		Screw					(2)
201897	17883	Feed Wheel Clutch Roller			23435	17883	Feed Wheel Tripping Lever Spring
249549	17883	" " " Carrier			190D	17883	" " Î " " Screw
249550	17883	" " " Oiling	.•	15	179E	17883	" " Stop Screw
21,330		Felt			23432	17883	" " Point
255096	17883	Feed Wheel Clutch Roller Spring			220D	17883	" " Screw
		" " " " Guide					
255097	17883				23445	17967	Knife, 3/8 inch
249560		Feed Wheel Clutch (positive) complete,			9 تېلى 23	17967	" 7/16 inch
		for Machines equipped with spring			23447	17967	" 1/2 inch
		clutch, Nos.52C, 201724X, 249556			23448	17967	" 9/16 inch
		to 249559, 249561, 249562, 249820			23449	17967	" 5/8 inch
		and Form 2461w			Note:		49 Knife is furnished with this machine
249589	17883	Feed Wheel Driving Lever			note.		another Knife is specified on order
		" " " Pitman with			23450		
249561	17883					17967	Knife, 11/16 inch
		23429, 50088C and two 196E			23451	17967	5/ 1 men
50088C	17883	Feed Wheel Driving Lever Pitman			23452	17967	" 13/16 inch
		Ball Joint Screw			23453	17967	" 7/8 inch
*23429		Feed Wheel Driving Lever Pitman Cap			23454	17967	" 15/16 inch
196E	17883	н п п п			23455	17967	" l inch
-,013	2,000	Screw			23460	17967	" Bar
21.0557	17883	Feed Wheel Driving Lever Plate	۲	i <sup>2</sup>			
249557					23461	17967	Commeeting Line
52C	17883	551511			1239D	17967	ninge oup
1236C	17883	" " " Regulating					Screw
		Stud	•	•	1240C	17967	Knife Bar Connecting Link Hinge Screw

No.	Plate	Name
23462	17967	Knife Bar Connecting Stud with 1319F
1319F	17967	Clamping
-1-1-1	/-	Screw
249656	17967	Knife Bar Disengaging Lever with 1242E
23464	17967	Outch with
		1963
23465	17967	Knife Bar Disengaging Lever Catch
		Bracket
157D	17967	Knife Bar Disengaging Lever Catch
		Bracket Screw (2)
90C	17967	Knife Bar Disengaging Lever Catch
		Hinge Screw
1963	17967	Knife Bar Disengaging Lever Catch
		Roller and Stud
23468	17967	Knife Bar Disengaging Lever Catch
		Spring
1241E	17967	Knife Bar Disengaging Lever Catch
		Spring Screw Stud (2)
23466	17882	Knife Bar Disengaging Lever Catch
		Tripping Point
23467	17882	Knife Bar Disengaging Lever Catch
23101	2.00-	Tripping Point Collar with two
		448AL
14844	17882	Knife Bar Disengaging Lever Catch
. 340/11	11002	Tripping Point Collar Set Screw
175D	17882	Knife Bar Disengaging Lever Catch
1150	11002	Tripping Point Screw
90C	17967	Knife Bar Disengaging Lever Hinge
900	11701	Screw
02404	17047	Vails Day Diseasons Lever Spring
23606	17967	Knife Bar Disengaging Lever Spring
23606 1242E	17967 17967	n n n n
1242E	17967	Screw
1242E 23469	17967 17967	Screw Knife Bar Driving Lever
1242E 23469 350281C	17967 17967 17967	Screw Knife Bar Driving Lever
1242E 23469 350281C 1428C	17967 17967 17967 17967	Screw Knife Bar Driving Lever """" "Hinge Screw """" "Screw Stud
1242E 23469 350281C 1428C 1520J	17967 17967 17967 17967 17967	Screw Knife Bar Driving Lever " " " Hinge Screw " " " Screw Stud " " " " Nut
1242E 23469 350281C 1428C 1520J 23681	17967 17967 17967 17967 17967 17967	Screw Knife Bar Driving Lever " " " Hinge Screw " " " Screw Stud " " " " Spring
23469 350281C 1428C 1520J 23681 805C	17967 17967 17967 17967 17967 17967	Screw Knife Bar Driving Lever " " " Hinge Screw " " Screw Stud " " " " Spring " " " Spring " " " Screw
1242E 23469 350281C 1428C 1520J 23681 805C 23470	17967 17967 17967 17967 17967 17967 17967 17967	Screw Knife Bar Driving Lever " " " Hinge Screw " " " Screw Stud " " " " Spring " " " " Screw " " " " Screw " " " " Screw
23469 350281C 1428C 1520J 23681 805C	17967 17967 17967 17967 17967 17967	Screw  Knife Bar Driving Lever  " " " Hinge Screw  " " " Screw Stud  " " " " Spring  " " " Spring  " " " " Spring  " " " " Screw  " " " " " Screw  " " " " " " " Screw  " " " " " " " " " " " " " " " " " " "
1242E 23469 350281C 1428C 1520J 23681 805C 23470 23471	17967 17967 17967 17967 17967 17967 17967 17967	Screw  Knife Bar Driving Lever  """" "Hinge Screw """" "Screw Stud """" "Spring """ "Spring """ "Screw """ "Screw """ "Intermediate) """  Connecting Link
1242E 23469 350281C 1428C 1520J 23681 805C 23470	17967 17967 17967 17967 17967 17967 17967 17967	Screw Knife Bar Driving Lever """" Hinge Screw """" Screw Stud """" Screw Stud """" Spring """" Spring """" Screw """" (intermediate) """ Connecting Link Knife Bar Driving Lever (intermediate)
1242E 23469 350281C 1428C 1520J 23681 805C 23470 23471	17967 17967 17967 17967 17967 17967 17967 17967 17967	Screw Knife Bar Driving Lever  """" "Hinge Screw """" Screw Stud """" "Screw Stud """" "Spring """" "Spring """" "Screw """" "Screw """" "Intermediate) """" """ Connecting Link Knife Bar Driving Lever (intermediate) Connecting Link Hinge Screw
1242E 23469 350281C 1428C 1520J 23681 805C 23470 23471	17967 17967 17967 17967 17967 17967 17967 17967	Screw Knife Bar Driving Lever  """"" Hinge Screw """" Screw Stud """" Spring """" Spring """" Screw """"" Screw """"""""""""""""""""""""""""""""""""
1242E 23469 350281C 1428C 1520J 23681 805C 23470 23471 54C	17967 17967 17967 17967 17967 17967 17967 17967 17967 17967	Screw  Knife Bar Driving Lever  """" "Hinge Screw """" "Screw Stud """" "Spring """" "Spring """" "Screw """" "Intermediate) """  Connecting Link  Knife Bar Driving Lever (intermediate)  Connecting Link Hinge Screw  Knife Bar Driving Lever (intermediate)  Hinge Screw
1242E 23469 350281C 1428C 1520J 23681 805C 23470 23471	17967 17967 17967 17967 17967 17967 17967 17967 17967	Screw Knife Bar Driving Lever  """"""" Hinge Screw """"" Screw Stud """"""""" Spring """"""""""""""""""""""""""""""""""""
1242E 23469 350281C 1428C 1520J 23681 805C 23470 23471 54C	17967 17967 17967 17967 17967 17967 17967 17967 17967 17967	Screw Knife Bar Driving Lever  """" "Hinge Screw """" Screw Stud """" Screw Stud """" Spring """" Screw """"" Screw """"" Screw """"" Screw """"" Screw """"" Screw """"""" Screw """"""""""""""""""""""""""""""""""""
1242E 23469 350281C 1428C 1520J 23681 805C 23470 23471 54C	17967 17967 17967 17967 17967 17967 17967 17967 17967 17967 17967	Screw  Knife Bar Driving Lever  """"""""""""""""""""""""""""""""""
1242E 23469 350281C 1428C 1520J 23681 805C 23470 23471 54C	17967 17967 17967 17967 17967 17967 17967 17967 17967 17967	Screw  Knife Bar Driving Lever  """"""""""""""""""""""""""""""""""
1242E 23469 350281C 1428C 1520J 23681 805C 23470 23471 54C 1222C	17967 17967 17967 17967 17967 17967 17967 17967 17967 17967 17967	Screw Knife Bar Driving Lever  """""""" Hinge Screw """""""" Screw Stud """"""""""""""""""""""""""""""""""""
1242E 23469 350281C 1428C 1520J 23681 805C 23470 23471 54C 1222C	17967 17967 17967 17967 17967 17967 17967 17967 17967 17967 17967	Screw Knife Bar Driving Lever  """"""" Hinge Screw """"" Screw Stud """""""""" Nut """"""""""""""""""""""""""""""""""""
1242E 23469 350281C 1428C 1520J 23681 805C 23470 23471 54C 1222C 1959	17967 17967 17967 17967 17967 17967 17967 17967 17967 17967 17967 17967	Screw Knife Bar Driving Lever  """"""""""""""""""""""""""""""""""
1242E 23469 350281C 1428C 1520J 23681 805C 23470 23471 54C 1222C 1959	17967 17967 17967 17967 17967 17967 17967 17967 17967 17967 17967 17967	Screw Knife Bar Driving Lever  """"""""""""""""""""""""""""""""""
1242E 23469 350281C 1428C 1520J 23681 805C 23470 23471 54C 1222C 1959 229D 12424	17967 17967 17967 17967 17967 17967 17967 17967 17967 17967 17967 17967 17893	Screw Knife Bar Driving Lever  """"""""""""""""""""""""""""""""""
1242E 23469 350281C 1428C 1520J 23681 805C 23470 23471 54C 1222C 1959 229D 12424 249737	17967 17967 17967 17967 17967 17967 17967 17967 17967 17967 17967 17893 17893 17893	Screw Knife Bar Driving Lever  """"" "Hinge Screw """" "Screw Stud """" "Screw Stud """" "Spring """" "Screw """" "Screw """" "Screw """" "Screw """" "Screw """ "Nut """ "Nut """ "Nut """ "Nut """ "Nut """ "Screw """ "Nut """ "Screw """ "Nut """ Screw """ "Nut """ Screw """ "Screw """ "Screw """ """ Screw """ """ """ """ "" "" "" "" "" "" "" "
1242E 23469 350281C 1428C 1520J 23681 805C 23470 23471 54C 1222C 1959 229D 12424 249737 249544	17967 17967 17967 17967 17967 17967 17967 17967 17967 17967 17893 17893 17893 17893	Screw Knife Bar Driving Lever  """"""""""""""""""""""""""""""""""
1242E 23469 350281C 1428C 1520J 23681 805C 23470 23471 54C 1222C 1959 229D 12424 249737 249544 249545	17967 17967 17967 17967 17967 17967 17967 17967 17967 17967 17893 17893 17893 17893 17967 17967	Screw Knife Bar Driving Lever  """"" "Hinge Screw """" "Screw Stud """" "Screw Stud """" "Spring """" "Screw """" "Screw """" "Screw """" "Screw """" "Screw """ "Nut """ "Nut """ "Nut """ "Nut """ "Nut """ "Screw """ "Nut """ "Screw """ "Nut """ Screw """ "Nut """ Screw """ "Screw """ "Screw """ """ Screw """ """ """ """ "" "" "" "" "" "" "" "
1242E 23469 350281C 1428C 1520J 23681 805C 23470 23471 54C 1222C 1959 229D 12424 249737 249544 249545 50615D	17967 17967 17967 17967 17967 17967 17967 17967 17967 17967 17893 17893 17893 17893 178967 17967 17967	Screw Knife Bar Driving Lever  """"""""""""""""""""""""""""""""""
1242E 23469 350281C 1428C 1520J 23681 805C 23470 23471 54C 1222C 1959 229D 12424 249737 249544 249545 50615D 168D	17967 17967 17967 17967 17967 17967 17967 17967 17967 17967 17893 17893 17893 17893 178967 17967 17967 17967	Screw Knife Bar Driving Lever  """"""""""""""""""""""""""""""""""

N	D1-4-	Name
No.	Plate	
1608C	17968	Knife Holder Guide Stud Nut
157C	17967	SCIEW
1547X	17967	. 14uc
191C	17967	" Screw
23390	17967	" " Washer
39857	17968	Needle Bar with 904AL
23476	17968	" Connecting Link with 794E
794E	17968	" " " Adjusting
		Screw
1021E	17968	Needle Bar Connecting Link Cap Screw
39601	17968	" " Stud with 1341C
1341C	17968	" " " Set Screw
23477	17890	" " Crank with 858AL, 1036AL,
		1065AL and 1258AL
1065AL	17890	Needle Bar Crank Position Screw
858AL		" " Set Screw
23478	17968	" Frame with 4784
	17963	" Bell Crank with 1956
23330	11,03	and 15072
1956	17963	Needle Bar Frame Bell Crank Roller
1930	11,00	and Screw Stud with 229D, 1655C
		and 23389
1655C	17963	Needle Bar Frame Bell Crank Roller
10550	17903	and Screw Stud Nut
0000	17063	Needle Bar Frame Bell Crank Roller
229D	17963	
02000	150/2	Cap Screw
23389	17963	Needle Bar Frame Bell Crank Roller
00//5	100/0	Cap Screw Washer
23667	17963	Needle Bar Frame Bell Crank Stud
39966	17963	" " Cam and Bevel Gear
1244C	17963	, , , , , , , , , , , , , , , , , , , ,
		Screw
39622	17963	Needle Bar Frame Connection with
		1963 and 39616 to 39618
39926	17963	Needle Bar Frame Connection 39622
		with 78C and 1226E
78C	17963	Needle Bar Frame Connection Hinge
		Screw
1963	17963	Needle Bar Frame Connection Roller
		and Stud
23483	17963	Needle Bar Frame Connection Spring
23484	17963	и и и и и
		Hook
1226E	17963	Needle Bar Frame Connection Spring
		Screw Stud
249600	17963	Needle Bar Frame Connection Stud
		(eccentric)
196F	17963	Needle Bar Frame Connection Stud
-,		(eccentric) Set Screw
39967	17890	Needle Bar Frame Driving Bevel Pin-
3,,01	,	ion with two 453AL
453 A T	17890	Needle Bar Frame Driving Bevel Pin-
15571	,,	ion Set Screw
23610	17968	Needle Bar Frame Pitman (hinge
23010	11,000	screw end)
23609	17968	Needle Bar Frame Pitman (regulator
23007	11700	end)
190C	17968	Needle Bar Frame Pitman Adjusting
1900	11700	Screw
		Detem

No.	Plate	Name
7071	17968	Needle Bar Frame Pitman Adjusting Screw Washer
23611	17968	Needle Bar Frame Pitman (adjustable)
23011	11700	complete, Nos. 23609, 23610, two each 190C and 7071
1042C	17968	Needle Bar Frame Pitman Hinge Screw
1547X	17968	11 11 11 11 11 11
931.01	370/0	Nut
23491	17968	Needle Bar Frame Regulator
39900	17968	" " " 23491 with
1038C	17968	Needle Bar Frame Regulator Adjusting Screw
7070	17968	Needle Bar Frame Regulator Adjusting Screw Sleeve
1589C	17968	Needle Bar Frame Regulator Adjusting
13070	11,00	Screw Thumb Nut
1245C	17968	Needle Bar Frame Regulator Hinge
/B3-	150/0	Screw
673F	17968	Needle Bar Frame Screw Center
1517J	17968	1100
39608 404D	17884	1 late
	17884	Derew (2)
	17968	Det Berew
39653 39654	17966 17966	Oscillating Rock Shaft
	11900	Oscillating Rock Shaft complete, Nos. 23494, 39653 and 262044
23494	17966	Oscillating Rock Shaft Hinge Pin with 23421
23421	17966	Oscillating Rock Shaft Hinge Pin Oil Hole Plug (leather)
448AT.	17966	Oscillating Rock Shaft Hinge Pin Set
		Screw
262044	17966	Oscillating Rock Shaft Oil Pad
39655	17890	" Shaft
39656	17890	" " Bushing (back)
24047	17890	" " (front)
39657	17890	" " Crank
39658	17890	Oscillating Shaft Crank complete, Nos. 1636E, 24050, 39657 and two 1253C
1253C	17890	Oscillating Shaft Crank Set Screw
19448	17890	" " Slide Block
226J	17890	" " " " Сар
		Screw
12424	17890	Oscillating Shaft Crank Slide Block Cap Screw Washer
1035C	17890	Oscillating Shaft Crank Slide Block
10330	110,0	Screw Stud
1636E	17890	Oscillating Shaft Crank Slide Block
26050	17000	Screw Stud Nut
24050	17890	Oscillating Shaft Crank Slide Block
		complete, Nos. 226J, 1035C, 12424 and 19448
249538		Pulley (loose) with 200584D
249891	17890	" " Ball Bearing
249539	17890	" " Bushing
247557 200584D	17890	" " Grease Retaining Screw

No.	Plate	Name
249540	17890	Pulley (loose, ball bearing) complete, Nos. 249538, 249539 and 249891
40024	17890	Pulley (tight)
39927	17890	" 40024 with 40025
249541	17890	" (tight) Counter Balance
249542	17890	" Rivet
40025	17890	" Pin
23500	17969	Shuttle Bobbin
*249597		" " Case
15140	17969	" " Latch
	•	Davoii
2973	17969	" " Lever
2974	17969	Pin
15141	17969	Shuttle Bobbin Case Hinge, Nos. 2973, 2974 and 15140
2975	17969	Shuttle Bobbin Case Latch Spring
592E	17969	" " Stop Screw
249546	17969	" Position Plate
399D	17969	" " " Screw
249599	17969	Shuttle Bobbin Case complete, Nos.
-1,3,,	,-,	591F, 592E, 2975, 15098, 15141 and 249597
23503	17969	Shuttle Body
262048	17969	" 1-11/16 in.diam., Nos. 23500,
	_ , , , ,	23503 and 249599
23505	17890	Shuttle Driver with 462AL
2269	17890	" " Pin
462AL		" Set Screw
249593	17969	" Race
	17969	" " Back
39969		" " Position Pin
2532	17969	1 0010000 1 111
2533	17969	" " Spring " " Screw
907E	17969	DCICW
7326	17969	Cap
662D	17969	Berew
249928	17969	O11 1 10 11 11 11 11 11 11 11 11 11 11 11
249594	17969	Flate
203E	17969	DCLEM
249595	17969	Fosition Fin
452C	17969	" " Set Screw
249596	17969	Shuttle Race complete, Nos. 907E, 2533,
		7326, 39969, 249546, 249593, 249594,
		two each 399D, 662D, 2532, 249595,
	_	249928 and three 203E
· 145F	17969	Shuttle Race Screw (2)
591F	17969	" Tension Regulating Screw
15098	17969	" " Spring
39627	17893	Starting Lever
717AL	17893	" " Adjusting Screw
1520J	17893	Nut " Nut
21643	17893	" Belt Shifter
159F	17893	" " " Screw
23510	17893	" Bracket
8582	17893	" " Dowel Pin (2)
123E	17893	" " Screw
23511	17893	" Rod
61C	17893	" " Hinge Screw
564C	17893	" Screw Center
2040	- 10/5	

No.	Plate	Name
58384	17893	Starting Lever Screw Center 564C with 1508R (2)
1508R	17893	Starting Lever Screw Center Nut
14174	17893	" " Spring
124C	17893	" Stop Screw
1518J	17893	" " " Nut
39628	17890	1441
39580		Stop Cam with 39629 and 202330
	17893	Intertocking Kod
23514	17893	Gaide with
10706	17002	1070C and 1959
1070C	17893	Stop Cam Interlocking Rod Guide Set Screw
39988	17893	Stop Cam Interlocking Rod Guide Washer (nylon)
21651	17893	Stop Cam Interlocking Rod Spring
913C	17893	n n n n n Regu-
1638E	17893	lating Thumb Screw Stop Cam Interlocking Rod Spring Regu-
		lating Thumb Screw Nut
202330	17890	Stop Cam Oil Packing (wick)
39629	17890	" " Pin
23515	17890	" " Spring (long)
23516	17890	" ' " (short)
249543	17890	" " Cover with 249541,two
		each 9780 and 249542
9780	17890	Stop Cam Spring Cover Position Pin
997E	17890	" " " Screw (2)
39637	17890	" " Stop Block
1349C	17890	" " Screw
39638	17890	" " " Block
457AL		" " " Set Screw
23518	17882	Det Betew
78D	17882	Lever
9540	17882	umge acrew
		phring
2102	17896	Tension (side of Arm) Disc
1560C	17896	" " " Regulating Thumb
23519	17896	Tension (side of Arm) Releaser with 200AL
40033	17964	Tension (side of Arm) Releaser Arm with 50128E
12538	17964	Tension (side of Arm) Releaser Arm
50128E	17964	Tension (side of Arm) Releaser Arm Set Screw
200AL	17896	Tension (side of Arm) Releaser Set Screw
23520	17896	Tension (side of Arm) Releaser Shaft
40034	17896	11 11 11 11
679C	17896	Crank Tension (side of Arm) Releaser Shaft Crank Ball Screw Stud
1520J	17896	Tension (side of Arm) Releaser Shaft Crank Ball Screw Stud Nut
2269	17896	Tension (side of Arm) Releaser Shaft Crank Pin
413C	17896	Tension (side of Arm) Screw Stud
8238	17896	" " " Spring

No.	Plate	Name
249567	17896	Tension (side of Arm) complete, Nos.
21,301	,-	413C, 1560C, 7335, 8238, 23526 and
		two 2102
23669	17896	Tension (side of Arm) Thread Guard
460AL		11 11 11 11 11
HOUAL	11070	Set Screw
32012	17965	Tension (top cover) Disc (2)
	17965	" " Regulating Thumb
1560C	17905	Nut
20/21	17965	Tension (top cover) Releaser
39631	· · ·	" " " Guide Screw
1387C	17965	Stud
16015	17965	Tension (top cover) Releaser Guide
1521E	17905	Screw Stud Nut
20/20	17045	Tension (top cover) Releaser Holder
39632	17965	with 201F
	150/5	Tension (top cover) Releaser Holder
999F	17965	Tension (top cover) Releaser House
	120/5	Hinge Screw Tension (top cover) Releaser Set Screw
201F	17965	" " Releasing Disc
32572	17965	" " " Lever
39633	17965	H H Con-
39634	17965	
		nection
974F	17965	Tension (top cover) Releasing Lever
		Connection Screw (back)
940F	17965	Tension (top cover) Releasing Lever
		Connection Screw (front)
90C	17965	Tension (top cover) Releasing Lever
		Hinge Screw
39635	17965	Tension (top cover) Releasing Pin
350554C	17965	" Screw Stud
201739E	17965	II II II LOCK
		Nut
2103	17965	Tension (top cover) Spring
39636	17965	" " Thread Eyelet
		(double)
217F	17965	Tension (top cover) Thread Eyelet
		Screw
40035	17884	Thread (lower) Cutting Blade
40036	17884	n n n Carrier
		with 40038
40037	17964	Thread (lower) Cutting Blade Carrier
		Lever
32C	17964	Thread (lower) Cutting Blade Carrier
		Lever Hinge Screw
249534	17964	Thread (lower) Cutting Blade Carrier
		Lever Spring
1241E	17964	Thread (lower) Cutting Blade Carrier
		Lever Spring Screw Stud (2)
435A	L 17964	Thread (lower) Cutting Blade Carrier
		Lever Stop Screw
1520J	17964	Thread (lower) Cutting Blade Carrier
		Lever Stop Screw Nut
40038	17884	Thread (lower) Cutting Blade Carrier
		Stud
39646	17884	Thread (lower) Cutting Blade Friction
		Plate
228F	17884	Thread (lower) Cutting Blade Friction
		Plate Screw (2)

No.	Plate	Name
240D	17884	Thread (lower) Cutting Blade Screw (2)
249831 1351C	17964 17964	Thread (lower) Cutting Lever " " Ball Screw
1520J	17964	Thread (lower) Cutting Lever Ball Screw Nut
39921	17964	Thread (lower) Cutting Lever Ex- tension
966D	17964	Thread (lower) Cutting Lever Ex- tension Screw
1671C	17964	Thread (lower) Cutting Lever Ex- tension Screw Nut
249845	17884	Thread (lower) Pull-off Finger
106C	17884	Screw " " " Guide
1350C	17884	Thread (lower) Pull-off Finger Hinge Screw
40048	17886	Thread (upper) Clamping Blade
39609	17886	" Cutting Blade
39610	17886	Rod " " Connecting
40043	17886	Thread (upper) Cutting Blade Connect- ing Rod Collar (back) with 209AL
209AL	17886	Thread (upper) Cutting Blade Connect- ing Rod Collar (back) Set Screw
40044	17886	Thread (upper) Cutting Blade Connect- ing Rod Collar (front) with 237X
2273	17886	Thread (upper) Cutting Blade Connecting Rod Collar (front) Pin
237X	17886	Thread (upper) Cutting Blade Connect- ing Rod Collar (front) Set Screw
40045	17886	Thread (upper) Cutting Blade Connecting Rod Collar (front) Washer (rawhide) (2)
106C	17886	Thread (upper) Cutting Blade Connect- ing Rod Hinge Screw
23606	17886	Thread (upper) Cutting Blade Connect- ing Rod Spring
39611	17886	Thread (upper) Cutting Blade Connect- ing Rod Spring Bracket
203F	17886	Thread (upper) Cutting Blade Connect- ing Rod Spring Bracket Screw (2)
7071	17886	Thread (upper) Cutting Blade Connect- ing Rod Spring Bracket Screw Washer (2)
40047	17886	Thread (upper) Cutting Blade Connecting Rod Spring Collar with 646F
646F	17886	Thread (upper) Cutting Blade Connect- ing Rod Spring Collar Set Screw
21699	17886	Thread (upper) Cutting Blade Position Pin
219F	17886	Thread (upper) Cutting Blade Screw
40049	17886	with 21699
40050	17886	Thread (upper) Cutting Blade Shaft
2269	17886	Crank with 906C Thread (upper) Cutting Blade Shaft Crank Pin

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No.	Plate	Name
906C	17886	Thread (upper) Cutting Blade Shaft Crank Set Screw
40051	17964	Thread (upper) Cutting Lever with 641C
40052	17964	Thread (upper) Cutting Lever Lock Pin
1352C	17964	Thread (upper) Cutting Lever Lock Pin Screw Bushing
40053	17964	Thread (upper) Cutting Lever Lock Pin Spring
2117C 641C	17964 17964	Thread (upper) Cutting Lever Pin
		Screw
40054	17964	Thread (upper) Cutting Lever Shaft
40067	17964	Bracket
966D	17964	Thread (upper) Cutting Lever Shaft Bracket Screw (4)
39612	17964	Thread (upper) Cutting Lever Shaft
		Crank with two each 200AL and 40059
40057	17964	Thread (upper) Cutting Lever Shaft Crank Latch
766D	17964	Thread (upper) Cutting Lever Shaft Crank Latch Hinge Screw
40058	17964	Thread (upper) Cutting Lever Shaft Crank Latch Spring
206F	17964	Thread (upper) Cutting Lever Shaft Crank Latch Spring Screw
1144F	17964	Thread (upper) Cutting Lever Shaft Crank Latch Spring Screw
40059	17964	Thread (upper) Cutting Lever Shaft Crank Latch Stop Pin
200AL	. 17964	Thread (upper) Cutting Lever Shaft Crank Set Screw
40060	17964	Thread (upper) Cutting Lever Spring
1241E	17964	Screw Stud (2)
717AL	17964	Thread (upper) Cutting Lever Stop Screw
1520Ј	17964	Thread (upper) Cutting Lever Stop Screw Nut
249692	17896	Thread (upper) Guide
228D	17896	" Screw (2)
39711	17896	" Guiding Stud (side of Arm)
460AI	17896	" " Set Screw
39712	17965	" Retainer Holder with 462AL
1664E	17965	" " Nut
12400	17965	" " Sleeve
39713	17965	" " Spring
12402	17965	" " Stud
	17965	" " Set Screw
39714	17965	Thread Retainer complete, Nos. 1664E, 12400, 12402, 39712 and 39713
23523	17968	Thread Take-up Crank
	17890	" Position Screw
	17890	" Set Screw
23524	17968	" Lever

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No.	Plate			Nan	ne	
350553C	17968	Thread	Take-up	Lever	Adjusting	Screw
201528F	17968	11	11 -	11	* *1	- 11
		Nut				
262042	17968	Thread	Take-up	Lever	Link	
249915	17968	11	11	H		e Pin
		with	222598			
222598	17968	Thread	Take-up	Lever	Link Hin	ge
	,		Oil Packi			
435AL	17968				Link Hin	ge
			Set Screw			
262043	17968	Thread	Take-up	Lever	complete	. Nos.
	,				042 and 35	
4784	17968		Take-up			
7335	17896	11	11	Spring		
23526	17896	**	11		Regulator	
446C	17896	17	11	11	11	Set
.400	2.070	Scre	317			

SINCER Needles should be used in SINCER Machines These Needles and their Containers are marked with the Company's Trade Mark "SIMANCO.\*\*" 1

Needles in Containers marked
"FOR SINGER MACHINES"
are NOT SINGER made needles. 2

# MACHINE No. 71-31

MAKES PURL STITCH BUTTONHOLES WITH WIDE BARRED ENDS. KNIVES FROM 3/8 TO 3/4 INCH LONG. CUTS BOTH THREADS AND THE HOLE AUTOMATICALLY AFTER STITCHING.

LOW SPEED MACHINE. POSITIVE FEED CLUTCH.

Same as Machine No.71-30 with the following exceptions:

No.	Plate	Name
23632	17907	Needle Bar Frame Bell Crank with
		1956 and 15072, in place of 23558
39643	17907	Needle Bar Frame Connection with
		1963 and 39616 to 39618, in place
		of 39622
262041	17907	Needle Bar Frame Connection 39643
		with 78C and 1226E, in place of
		39926
39579	17907	Needle Bar Frame Connection Stud
		(eccentric) in place of 249600

# **ACCESSORIES**

No.	Plate	Name
23527	17938	Drip Pan with two wood screws $1/2$
		in., No. 5, R.H.B.
23530	17970	Gauge, for $1/4$ to 1 in., for setting
		length of buttonhole
23445	17967	Knife, 3/8 inch
23447	17967	" $1/2$ inch
23451	17967	" · 3/4 inch
71x1		Needles, three each, sizes 14 and 16
120346	17970	Oiler (copper plated) with 120347
120347	17970	" Spout (8-1/2 in.long)
11831	17970	Screw Driver, 5 in. blade (machine,
		large)
259477	17970	Screw Driver (machine, small)
26485	17970	" " (Shuttle Tension)
23500	17969	Shuttle Bobbin (2)
40035	17884	Thread (lower) Cutting Blade
40048	17886	" (upper) Clamping Blade
39609	17886	" Cutting Blade
10875	17970	Wrench, for 1518 and 1520
21654	17970	" " 1508 and 1638
23535	17970	" 1671, for regulating length
		of buttonhole
249820	17970	Wrench, for 350415C

#### BOBBIN WINDER

#### (SWINGING AUTOMATIC, RIGHT HAND)

27914	17971	Base with 27916 and two 28084
27915	17971	" Plate
389F	17971	" Screw
15072	17971	Bobbin Position Pin
27916	17971	Brake (leather)
28084	17971	" Rivet
27302	17971	Frame
50356D	17971	" Hinge Screw
1620J	17971	o o u Nut
27917	17971	" Spring
27918	17971	Pulley
*27849		Spindle
27538	17971	" 27849 with 15072, 27850 and
		41828
*27850		Spindle Collar
41828	17971	" " Pin
27919	17971	Stop Latch
35D	17971	" " Hinge Screw
262034	17971	Tension Bracket with 452AL

e,
J,
302,
d
c.
5,
•

# DRIVING EQUIPMENT

228320	18261	Bed Frame Cushion (felt)
228330	18261	Clamp Lifting Chain, 46 in, long, with
		39575 and 39576 (for right hand
		machine)
39571	18261	Clamp Lifting Chain Guide Pulley
236849	18261	" " " Bracket
1064D	18261	" " " " Hinge
10012	10101	Screw
236850	18261	Clamp Lifting Chain Guide Pulley
230030	10101	Bracket complete, Nos. 1064D, 39571,
		236849 and two wood screws 1-1/4
		in. No. 12, R. H. B.
39575	18261	Clamp Lifting Chain Hook (large)
39576	18261	" " " (small)
23551	18261	" " " Screw Eve
250408	18261	Machine Rest (high) with 232982 and
230100	10201	two wood screws 1 in., No. 12
232982	18261	Machine Rest Cushion (leather)
228347	18261	Starting Chain (lower) 10-1/2 in, long
228348	18261	" (upper) 27 in, long
228333	18261	" Cushion Spring
39575	18261	" " Hook (large)
39576	18261	" " (small)
228349	18261	Starting Chain complete, Nos. 228333,
,		228347, 228348, two each 39575 and
		39576
39571	18261	Starting Chain Guide Pulley (large)
228494	18261	" " (small)
236849	18261	11 11 11 11 11
		Bracket
1064D	18261	Starting Chain Guide Pulley Hinge Screw
-0012		Julian Carata Carata A direct Manage Delien

No.	Plate	Name	
236850	18261	Starting Chain Guide Pulley Bracket	-
		(large) complete, Nos. 1064D, 39571,	
		236849 and two wood screws 1-1/4	
		in., No. 12, R.H.B.	
228495	18261	Starting Chain Guide Pulley Bracket	
2201/3	10201	(small) complete, Nos. 1064D,	
		228494, 236849 and two wood screws	
		1-1/4 in., No. 12, R.H.B.	
228500	18261	Table Extension with two wood screws	
220300	10201	2-1/2 in., No. 12	
14372	18261	Z-1/2 in., NO. 12 Treadle	
51074R	18261		
		Bott	
46709	18261	31014K WIGH 23230 AMA	
(alac	100/1	67425	
67425	18261	Treadle Bolt Lock Washer	
23250	18261	M 92HET	
14373	18261	Extension	•
50581R	18261	" Screw	
2718R	18261	" " Washer	
17881	18261	" Shaft	
14374	18261	" Spring	
14375	18261	" Stand	
228757	18261	Treadle complete, Nos. 2718R, 14372	
		to 14375, 17881, 50581R and two	
		46709	
228496	18261	Driving Equipment complete, for Motor	
		Drive (without use of belt idlers)	
		for use with Table 205295 and Stand	
		No. 46998, Nos. 228330, 228349,	
		228495, 228500, 250408, two each	
		23551, 228757, three 236850 and	
		four 228320	
			-
		IRON BASE	
20010	17020	Bed Frame with two each 16555, 19398,	
39910	17938		
		four each 84E, 24106, six 14010 and	,
01.107	15000	four wood screws 1-1/4 in., No. 12	
24106	17938	Bed Frame Cushion (felt)	
84E	17938	001011	
19226	17938	" " Hinge Connection	
19398	17938	19226 With	
		211E and 19397	
19397	17938	Bed Frame Hinge Connection Cap	
211E	17938	" " Screw	
16555	17938	" " Plate	
14010	17938	" " Rivet	
39911	17938	Splash Guard with 201655X	
39912	17938	" " Hinge	
200574E	17938	" " Screw	
201655X	17938	" Locking Screw Wing Nut	**
39913	17938	Bed Frame and Splash Guard complete,	
		Nos. 39910, 39911, two 39912 and	
		eight 200574E	

eight 200574E

#### THREAD UNWINDER

#### (FOR TWO SPOOLS)

No.	Plate	Name
228764	13537	Spool Pin
228766	13537	" Rest (for two spools) (flat) with 201254C
150203	13537	Spool Rest Cushion (felt)
228767	13537	" " Rod
201254C	13537	" Set Screw
228768	13537	" Stand
228769	13537	Thread Guide
228770	13537	" " Holder (for one or two
		guides)
228774	13537	Thread Guide Rod
228776	13537	Thread Unwinder (for two spools)
		complete, Nos. 228766 to 228768,
		228770, 228774, two each 150203,
		228764, 228769 and three wood
		screws 7/8 in., No. 12

## CLAMP PARTS

## FOR COLLARS AND CUFFS, SHIRT NECK BANDS AND BOSOMS AND LADIES WAISTS

39647	17901	Clamp	Arm				
39731	17901			with 134	8E.3	9733 an	d two
-,				r 3/8 to			
39732	17901			comple			
5,152	- , , , -	in b	uttonh	oles. No	os. 21	9F. 226	9.
				34, 397			
39650	17901			Holder		,	
337B	17901	11	11			ing Scr	ew
249749	17901	11	11	11	11		
-1,.1,	,	Fric	tion I	Plate			
212D	17901					a Ca- 9	
				Holder			crew
237F	17901	11	11	11	Stop S	Screw	
39715	17901	"	11	**	11	"Wa	sher
1296AL	17901	**	11	Screw	(2)		
39733	17901	11	11	Section	and (	Cutting	Plate
50138F	17901	**	11	11	11	"	**
		Scre	ew				
1348E	17901	Clamp	Check	Section	n and	Cutting	Plate
	-		oort S			_	
1296AL	17901	Clamp	Check	Stop S	crew		
39734	17901	Thread	l (uppe	r) Clan	nping	Blade	
39735	17901	**	11	Cutting	Blad	e	
21699	17901	91	- 11	"	11	Positio	n Pin
219F	17901	11	н	11	11	Screw	

No.	Plate	Name
40049	17901	Thread (upper) Cutting Blade Shaft with 21699
40050	17901	Thread (upper) Cutting Blade Shaft Crank with 906C
2269	17901	Thread (upper) Cutting Blade Shaft Crank Pin
906C	17901	Thread (upper) Cutting Blade Shaft Crank Set Screw

# DRIVING EQUIPMENT

# FOR MACHINES WHEN SET IN PAIRS

228320	17903	Bed Frame Cushion (felt)
228321	17903	Belt Idler Belt Guide with 361C
361C	17903	" " Set Screw
228481	17903	" " Pulley with 228482
228323	17903	" " Bracket with three
220343	,	355C
355C	17903	Belt Idler Pulley Bracket Set Screw
126910	17903	" " " Shaft
228324	17903	n n n n Hanger
220341	2.,,,,	with two 355C and three wood screws
		1 in., No. 12
355C	17903	Belt Idler Pulley Bracket Shaft Set
3330	11,703	Screw
228482	17903	Belt Idler Pulley Bushing (bronze oil-
220402	11,03	less bearing)
228326	17903	Belt Idler Pulley Shaft with 858AL
220320	11703	and 203100
203100	17903	Belt Idler Pulley Shaft Oil Packing
203100	11703	(wick)
05011	17903	Belt Idler Pulley Shaft Oil Stop Screw
355C	17903	" " Set Screw
228327	17903	" " Washer (rawhide)
228328	17903	Belt Idler complete, Nos. 126910,
228348	11903	228324, two each 228321, 228323,
		228326, 228481, four 228327 and
		Form A1127
000000	12002	Clamp Lifting Chain, 34 in. long, with
228329	17903	39575 and 39576 (for left hand
		machine)
000000	17002	Clamp Lifting Chain, 46 in long, with
228330	17903	39575 and 39576 (for right hand
	•	machine)
	15000	machine)
39571	17903	Clamp Lifting Chain Guide Pulley
		(large)
236849	17903	Clamp Lifting Chain Guide Pulley
		Bracket
1064D	17903	Clamp Lifting Chain Guide Pulley
		Hinge Screw

No.	Plate	Name
236850	17903	Clamp Lifting Chain Guide Pulley
230030	,	Bracket (large) complete, Nos. 1064D
		39571, 236849 and two wood screws
		1-1/4 in., No. 12, R.H.B.
228494	17903	Clamp Lifting Chain Guide Pulley
		(small)
228495	17903	Clamp Lifting Chain Guide Pulley
		Bracket (small) complete, Nos. 1064D,
		228494, 236849 and two wood screws
20575	17003	1-1/4 in., No. 12, R.H.B. Clamp Lifting Chain Hook (large)
39575 39576	17903 17903	" " (small)
23551	17903	" " Screw Eye
228331	17903	Front Plank Extension with two wood
		Screws 2-1/2 in., No. 14
39810	17903	Knee Starting Rock Shaft
228332	17903	" " " Connecting
		Rod
6337	17903	Knee Starting Rock Shaft Connecting
25/6	17002	Rod Bracket with two 356C Knee Starting Rock Shaft Connecting
356C	17903	Rod Bracket Set Screw
356C	17903	Knee Starting Rock Shaft Connecting
3300	11,00	Rod Set Screw
228333	17903	Knee Starting Rock Shaft Connection
		Cushion Spring
39575	17903	Knee Starting Rock Shaft Connection
		Hook (large)
39576	17903	Knee Starting Rock Shaft Connection
nonaal.	17002	Hook (small)
228334	17903	Knee Starting Rock Shaft Connection Spring
228335	17903	Knee Starting Rock Shaft Connection
220333	21,700	complete, Nos. 39575, 39576, 228333
		and 228334
21327	17903	Knee Starting Rock Shaft Hanger with
		two wood screws 1 in., No. 10
6335	17903	Knee Starting Rock Shaft Knee Arm
25//	17003	with 1509E
2766	17903	Knee Starting Rock Shaft Knee Arm Hub with 356C
356C	17903	Knee Starting Rock Shaft Knee Arm
3300	11,00	Hub Set Screw
1509E	17903	Knee Starting Rock Shaft Knee Arm
		Lock Nut
6336	17903	Knee Starting Rock Shaft Knee Arm com-
		plete, Nos. 2766, 2767 and 6335
2767	17903	Knee Starting Rock Shaft Knee Plate
150//0	15000	with 356C
150668	17903	Knee Starting Rock Shaft Knee Plate Pad (rubber)
356C	17903	Knee Starting Rock Shaft Knee Plate
3380	11703	Set Screw
228337	17903	Knee Starting Rock Shaft Position
	-	Spring

No.	Plate	Name
228338	17903	Knee Starting Rock Shaft Position Spring Adjusting Collar with 454AL
454AL	17903	Knee Starting Rock Shaft Position Spring Adjusting Collar Set Screw
2770	17903	Knee Starting Rock Shaft Stop Dog with 140219C
140219C	17903	Knee Starting Rock Shaft Stop Dog Set Screw
228339	17903	Knee Starting Rock Shaft complete, Nos, 2770, 6336, 6337, 39810, 150668, 228332, 228335, 228337, 228338 and two 21327
250408	17903	Machine Rest (high) with 232982 and two wood screws 1 in No. 12
232982	17903	Machine Rest Cushion (leather)
14372	17903	Treadle
14373	17903	" Extension
50581R	17903	" " Screw
2718R	17903	" " Washer
17881	17903	" Shaft
14374	17903	" Spring
14375	17903	" Stand
14376	17903	Treadle complete, Nos. 2718R, 14372
	•	to 14375, 17881, 50581R and two
		wood screws 1-1/4 in., No.12 F.H.
228355	17903	Driving Equipment, less shaft pulley
		(for Machines set in pairs) com-
		plete, Nos. 228329 to 228331, 228495.
		236850, 250408, two each 14376,
		23551, 228328, 228339, eight 228320
		and two blue prints
		F

#### **GUIDES**

23436	17902	Guide (back) for cuffs
249734	17902	" for shirt bands
23549	17902	" " bosoms
23441	17902	" (corner) for collars
23439	17902	" (left) for collars
23437	17902	" " for cuffs
23440	17902	" (right) for collars
23438	17902	" if for cuffs
1238F	17902	" Screw

#### **KNIVES**

23445	17967	Knife, 3/8 inch
23446	17967	" 7/16 inch
23447	17967	" 1/2 inch
23448	17967	" 9/16 inch
23449	17967	" 5/8 inch
23450	17967	" 11/16 inch

# No. Plate Shife, 3/4 inch 23451 17967 Knife, 3/4 inch 23452 17967 "13/16 inch 23453 17967 "7/8 inch 23454 17967 "15/16 inch 23455 17967 "1 inch

## MISCELLANEOUS PARTS

#### USED IN CONJUNCTION WITH THREAD UNWINDER

60913	13537	Spool Weight with 60914
60914	13537	" " Center Pin
27739	13537	Thread Cone (wood)
225390	13537	" " Holder

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# NUMERICAL LIST OF PARTS

No.	Plate	Name
32C	17964	Thread (lower) Cutting Blade Carrier
		Lever Hinge Screw
35D	17971	Bobbin Winder Stop Latch Hinge Screw, for 27923
41C	17964	Clamp Lifting Arm Connection Hinge Screw
52C	17882	Clamp Carrier Connecting Rod Hinge Screw
52C	17883	Feed Wheel Driving Lever Plate Screw, for 249560
54C	17967	Knife Bar Driving Lever (intermediate) Connecting Link Hinge Screw
59D	17964	Clamp Lifting Arm Stop Pitman Hinge Screw
61C	17893	Starting Lever Rod Hinge Screw
67D	17882	Clamp Carrier Slide Lever Regulator Screw
78C	17963	Needle Bar Frame Connection Hinge Screw, for 39926 and 262041
78D	17882	Stop Lever Hinge Screw
84E	17938	Bed Frame Cushion Screw, for 39910
90D	17882	Feed Hand Ratchet Lever Pawl Hinge Screw, for 39997
90C	17967	Knife Bar Disengaging Lever Catch Hinge Screw
90C	17967	Knife Bar Disengaging Lever Hinge Screw
90C	17965	Tension (top cover) Releasing Lever Hinge Screw
93X	17963	Barring Ratchet Pawl Spring Screw
106C	17884	Thread (lower) Pull-off Finger Guide Screw
106C	17886	Thread (upper) Cutting Blade Connecting Rod Hinge Screw
123E	17893	Starting Lever Bracket Screw
124C	17963	Barring Lever Stop Screw
124C	17893	Starting Lever Stop Screw
135D	17971	Bobbin Winder Tension Bracket Screw
145F	17969	Shuttle Race Screw
157F	17964	Clamp Lifting Arm Connection Roller
1311	11,01	and Screw Stud Bracket Screw
157D	17967	Knife Bar Disengaging Lever Catch Bracket Screw
157C	17967	Knife Holder Screw
159F	17893	Starting Lever Belt Shifter Screw
162D	17964	Clamp Lifting Arm Stop Bracket Screw
168D	17967	Knife Bar Stop Retainer Plate Screw
175D	17882	" " Disengaging Lever Catch
		Tripping Point Screw
179E	17883	Feed Wheel Tripping Lever Stop Screw

No. 181D	Plate	Name
185X	17966 17883	Feed Rock Shaft Spring Screw "Wheel Driving Lever Screw, for
1000	150/5	249562
190D	17965	Arm Side Cover Screw
190D	17881	Face Plate Screw (upper)
190D	17883	Feed Wheel Tripping Lever Spring Screw
190C	17968	Needle Bar Frame Pitman Adjusting Screw, for 23611
191C	17885	Clamp Arm Bracket Screw
191C	17967	Knife Screw
193F	17963	Barring Ratchet Wheel Tripping Point Screw
196F	17885	Clamp Arm Hinge Block Pin Set Screw, for 39584
196E	17883	Feed Wheel Driving Lever Pitman Cap Screw, for 249561
196F	17963	Needle Bar Frame Connection Stud Set Screw
199D	17886	Clamp Lifting Arm Screw
200AL	17896	Tension (side of Arm) Releaser Set Screw, for 23519
200AL	17964	Thread (upper) Cutting Lever Shaft Crank Set Screw, for 39612
201F	17965	Tension (top cover) Releaser Set Screw, for 39632
203C	17963	Barring Ratchet Retaining Pawl Adjusting Screw, for 23546
203C	17883	Feed Wheel Tripping Lever Point Screw
203E	17969	Shuttle Race Plate Screw, for 249596
203F	17886	Thread (upper) Cutting Blade Connecting Rod Spring Bracket Screw
206F	17964	Thread (upper) Cutting Lever Shaft Crank Latch Spring Screw
207F	17885	Clamp Arm Bracket Guide (right) Screw
207E	17882	Feed Hand Ratchet Lever Pawl Point Screw, for 39996
209AL	17886	Thread (upper) Cutting Blade Connecting Rod Collar (back) Set Screw, for 40043
211E	17938	Bed Frame Hinge Connection Cap Screw, for 19398
212D	17901	Clamp Check Holder Hinge Cap Screw
217D	17881	Face Plate Screw (lower)
217F	17965	Tension (top cover) Thread Eyelet Screw
219F	17885	Clamp Arm Bracket Guide (left) Screw
219F	17886	Thread (upper) Cutting Blade Screw, for 39693, 39694 and 39732
220D	17883	Feed Wheel Tripping Point Screw, for 23698 and 39552
223D	17882	Clamp Carrier Slide Lever Regulator Cap Screw
<b>22</b> 6J	17890	Oscillating Shaft Crank Slide Block Cap Screw, for 24050
228F	17884	Thread (lower) Cutting Blade Friction Plate Screw
228D	17896	Thread (upper) Guide Screw
229D	17964	Clamp Lifting Arm Connection Roller
229D	17893	Cap Screw, for 1901 Knife Bar Driving Lever (intermediate) Roller Cap Screw, for 1959

No.	Plate	Name
229D	17963	Needle Bar Frame Bell Crank Roller Cap Screw, for 1956
233D	17883	Feed Wheel Retaining Clutch Spring Screw
237F	17901	Clamp Check Holder Stop Screw
237X	17886	" Section and Cutting Plate Screw, for 39606 and 39639
237X	17886	Thread (upper) Cutting Blade Connect- ing Rod Collar (front) Set Screw, for 40044
240D	17963	Barring Ratchet Retaining Pawl Spring Screw
240D	17882	Clamp Carrier Regulator Stud Stop Screw, for 40010
240D	17884	Thread (lower) Cutting Blade Screw
337B	17901	Clamp Check Holder Adjusting Screw
355C	17903	Belt Idler Pulley Bracket Set Screw, for 228323
355C	17903	Belt Idler Pulley Bracket Shaft Set Screv for 228324
355C	17903	Belt Idler Pulley Shaft Set Screw, for 228323
356C	17903	Knee Starting Rock Shaft Connecting Rod Bracket Set Screw, for 6337
356C	17903	Knee Starting Rock Shaft Connecting Rod Set Screw, for 6337
356C	17903	Knee Starting Rock Shaft Knee Arm Hub Set Screw, for 2766
356C	17903	Knee Starting Rock Shaft Knee Plate Set Screw, for 2767
361C	17903	Belt Idler Belt Guide Set Screw, for 228321
375C	17966	Feed Connecting Rod (lower) Hinge Screw
389F	17971	Bobbin Winder Base Plate Screw
389F	17971	" Screw, for 262054
399D	17969	Shuttle Bobbin Case Position Plate Screw, for 249596
402D	17885	Clamp Arm Screw
402D	17885	" Plate Support Screw
404D	17882	" Carrier Block Plate Screw, for 40006
404D	17885	Clamp Carrier Plate Screw (front)
404D	17884	Needle Plate Screw
413C	17896	Tension (side of Arm) Screw Stud, for 249567
418D	17971	Bobbin Winder Tension Screw Stud, for 5989
435A	∟ 17890	Arm Shaft Flanged Bushing (back) Set Screw
435A	L 17964	Thread (lower) Cutting Blade Carrier Lever Stop Screw
435A	L 17968	Thread Take-up Lever Link Hinge Pin Set Screw
₹₹6C	17896	Thread Take-up Spring Regulator Set Screw
	L 17890	Feed Eccentric Set Screw, for 23412
448A.	∟ 17966	" Rock Shaft Hinge Pin Set Screw

No.	Plate	Na me
448AL		Knife Bar Disengaging Lever Catch
		Tripping Point Collar Set Screw, for
		23467
448AL	17966	Oscillating Rock Shaft Hinge Pin Set Screw
452AL	17971	Bobbin Winder Thread Eyelet Rod Set
Lene	170/0	Screw, for 262034
452C	17969	Shuttle Race Position Pin Set Screw, for 249596
453AL	17882	Feed Hand Ratchet Lever Collar Set Screw, for 232600
453AL	17890	Needle Bar Frame Driving Bevel Pin- ion Set Screw, for 39967
454AL	17903	Knee Starting Rock Shaft Position Spring
		Adjusting Collar Set Screw, for 228338
457AL		Feed Wheel Shaft Oil Hole Plug Screw
457AL		Stop Cam Spring Stop Screw Set Screw
460AL	17882	Feed Hand Ratchet Wheel Set Screw, for 39924
460AL	17896	Tension (side of Arm) Thread Guard Set Screw
460AL	17896	Thread Guiding Stud Set Screw
462AL		Shuttle Driver Set Screw, for 23505
462AL		Thread Retainer Stud Set Screw, for 39712
564C	17893	Starting Lever Screw Center, for 58384
591F	17969	Shuttle Tension Regulating Screw, for 249599
592E	17969	Shuttle Bobbin Case Latch Stop Screw, for 249599
625F	17885	Clamp Arm Adjusting Screw
641C	17964	Thread (upper) Cutting Lever Set Screw, for 40051
646F	17886	Thread (upper) Cutting Blade Connecting Rod Spring Collar Set Screw, for 40047
662D	17969	Shuttle Race Cap Screw, for 249596
673F	17968	Needle Bar Frame Screw Center
679C	17896	Tension (side of Arm) Releaser Shaft Crank Ball Screw Stud
717AL	17893	Starting Lever Adjusting Screw
717AL		Thread (upper) Cutting Lever Stop Screw
721D		Feed Wheel Retaining Clutch Spring Stop Screw
748E	17881	Arm Screw (back)
756D	17884	Clamp Carrier Guide (left) Screw (long) for 39605
766D	17964	Thread (upper) Cutting Lever Shaft
794E	17968	Crank Latch Hinge Screw Needle Bar Connecting Link Adjusting
·		Screw, for 23476
805C	17963	Barring Lever Catch Spring Screw
805C	17967	Knife Bar Driving Lever Spring Screw
808AL		Arm Top Cover Screw
856C	17965	Barring Tripping Lever Hinge Screw
858AL		" Cam Set Screw, for 23562
858AL	17903	Belt Idler Pulley Shaft Oil Stop Screw, for 228326

No.	Plate	Name
858AL	17890	Needle Bar Crank Set Screw, for 23477
868E	17881	Arm Screw (front)
896AL	17966	Crank Connecting Rod Cap Screw, for 20197
898C	17883	Feed Wheel Retaining Clutch Cap Screw
904AL	17968	Needle Set Screw, for 39857
906C	17886	Thread (upper) Cutting Blade Shaft Crank Set Screw, for 40050
907E	17969	Shuttle Race Back Spring Screw, for 249596
908C	17966	Crank Connecting Rod Hinge Screw
913C	17893	Stop Cam Interlocking Rod Spring Regu- lating Thumb Screw
914F	17884	Clamp Carrier Slide Guide (left) Screw
914F	17884	Screw " " (right)
940F	17965	Tension (top cover) Releasing Lever Connection Screw (front)
966E	17966	Feed Connecting Rod (upper) Cap Screw, for 23408
966D	17964	Thread (lower) Cutting Lever Extension Screw
966D	17964	Thread (upper) Cutting Lever Shaft Bracket Screw
974F	17965	Tension (top cover) Releasing Lever Connection Screw (back)
997E	17890	Stop Cam Spring Cover Screw
999F	17963	Barring Ratchet Retaining Pawl Hinge Screw
999F	17965	Tension (top cover) Releaser Holder Hinge Screw
1021E	17968	Needle Bar Connecting Link Cap Screw
1035C	17890	Oscillating Shaft Crank Slide Block Screw Stud, for 24050
1036AL	17890	Thread Take-up Crank Position Screw, for 23477
1038C	17968	Needle Bar Frame Regulator Adjust- ing Screw
1042C	17968	Needle Bar Frame Pitman Hinge Screw
1049E	17882	Feed Hand Ratchet Lever Pawl Point Position Screw, for 39996
1064D	17903	Clamp Lifting Chain Guide Pulley Hinge Screw, for 228495 and 236850
1064D	18261	Starting Chain Guide Pulley Hinge Screw for 228495 and 236850
1065AL	17890	Needle Bar Crank Position Screw, for 23477
1069D	17890	Arm Shaft Screw
1070C	17893	Stop Cam Interlocking Rod Guide Set Screw, for 23514
1144F	17964	Thread (upper) Cutting Lever Shaft Crank Latch Spring Screw
1222C	17967	Knife Bar Driving Lever (intermediate) Hinge Screw
1226C	17963	Barring Lever Catch Position Stud, for 23564
1226E	17963	Needle Bar Frame Connection Spring Screw Stud, for 39926 and 262041

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No.	Plate	Name
1227C	17963	Barring Lever Hinge Screw
1228C	17965	" Indicator Stud
1230F	17884	Clamp Carrier Guide (right) Screw
1231F	17885	" Plate Screw (back)
1232C	17882	" Regulator Hinge Screw
1234C	17882	" Slide Regulating Stud
1235F	17881	Bed Oil Guard Screw
1235F	17884	Clamp Plate Screw
1236C	17883	Feed Wheel Driving Lever Regulating
10000	1=000	Stud
1237C	17883	Feed Wheel Friction Ring Screw
1238F	17902	Guide Screw
1239D	17967	Knife Bar Connecting Link Hinge Cap Screw
1240C	17967	Knife Bar Connecting Link Hinge Screw
1241E	17967	" " Disengaging Lever Catch Spring Screw Stud
1241E	17964	Thread (lower) Cutting Blade Carrier
	_ , ,	Lever Spring Screw Stud
1241E	17964	Thread (upper) Cutting Lever Spring
		Screw Stud
1242E	17967	Knife Bar Disengaging Lever Spring
		Screw, for 249656
1243C	17968	Knife Holder Guide Stud
1244C	17963	Needle Bar Frame Cam and Bevel Gear
		Screw
1245C	17968	Needle Bar Frame Regulator Hinge
	_	Screw, for 39900
1248C	17963	Barring Ratchet Pawl Hinge Screw
1248C	17964	Clamp Lifting Arm Stop Hinge Screw
1253C	17890	Oscillating Shaft Crank Set Screw, for 39658
1256D	17884	Clamp Carrier Slide Screw
1258AL	17890	Thread Take-up Crank Set Screw, for
		23477
1275C	17966	Feed Disengaging Lever Hinge Screw
1276C	17963	Barring Lever Catch Hinge Screw
1286C	17963	" Ratchet Wheel Spring Screw
1294C	17885	Clamp Spring Bushing Position Stud
1296AL	17901	" Check Screw
1296AL	. 17901	" " Stop Screw
1297F	17886	" Screw
1319F	17967	Knife Bar Connecting Stud Clamping Screw, for 23462
1341C	17968	Needle Bar Connecting Stud Set Screw, for 39601
1345D	17884	Clamp Carrier Guide (left) Screw (short) for 39605
1348E	17886	Clamp Check Section and Cutting Plate Support Stud, for 39606, 39639 and
		39731
1349C	17890	Stop Cam Spring Stop Screw
1350C	17884	Thread (lower) Pull-off Finger Hinge Screw
1351C	17964	Thread (lower) Cutting Lever Ball
10-0-	170()	Screw
1352C	17964	Thread (upper) Cutting Lever Lock Pin Screw Bushing

No.	Plate	Name
1387C	17965	Tension (top cover) Releaser Guide
	-	Screw Stud
1428C	17967	Knife Bar Driving Lever Screw Stud
1508R	17893	Starting Lever Screw Center Nut, for 58384
1509E	17903	Knee Starting Rock Shaft Knee Arm Lock Nut, for 6335
1517J	17968	Needle Bar Frame Screw Center Nut
1518J	17963	Barring Lever Stop Screw Nut
1518J	17966	Feed Connecting Rod (lower) Hinge Screw Nut
1518J	17893	Starting Lever Stop Screw Nut
1520J	17882	Clamp Carrier Regulator Roller and Screw Stud Nut, for 1960
1520J	17882	Clamp Carrier Slide Lever Roller and Screw Stud Nut, for 1960
1520J	17964	Clamp Lifting Arm Connection Hinge Screw Nut
1520J	17883	Feed Wheel Friction Ring Screw Nut
1520J	17967	Knife Bar Driving Lever Screw Stud Nut
1520J	17893	Starting Lever Adjusting Screw Nut
1520J	17896	Tension (side of Arm) Releaser Shaft Crank Ball Screw Stud Nut
1520J	17964	Thread (lower) Cutting Blade Carrier Lever Stop Screw Nut
1520J	17964	Thread (upper) Cutting Lever Stop Screw Nut
1520J	17964	Thread (lower) Cutting Lever Ball Screw Nut
1521E	17966	Feed Disengaging Lever Hinge Screw Nut
1521E	17965	Tension (top cover) Releaser Guide Screw Stud Nut
1547X	17885	Clamp Arm Adjusting Screw Nut
1547X	17967	Knife Holder Screw Nut
1547X	17968	Needle Bar Frame Pitman Hinge Screw Nut
1550J	17885	Clamp Spring Bushing Position Stud Nut
1560C	17896	Tension (side of Arm) Regulating Thumb Nut, for 249567
1560C	17965	Tension (top cover) Regulating Thumb Nut
1562Ј	17971	Bobbin Winder Tension Regulating Thumb Nut, for 5989
1589C	17965	Barring Indicator Stud Thumb Nut
1589C	17968	Needle Bar Frame Regulator Adjust- ing Screw Thumb Nut
1608C	17968	Knife Holder Guide Stud Nut
1611E	17964	Clamp Lifting Arm Stop Hinge Screw Nut
1619E	17966	Crank Connecting Rod Hinge Screw Nut
1620J	17971	Bobbin Winder Frame Hinge Screw Nut, for 27923
1620J	17971	Bobbin Winder Thread Leader Lock Nut, for 262053
1620E	17883	Feed Wheel Tripping Lever Hinge Screw Nut
1636E	17890	Oscillating Shaft Crank Slide Block Screw Stud Nut, for 39658

Name

Plate

	701	NT-
No.	Plate	Name
1638E	17893	Stop Cam Interlocking Rod Spring Regu- lating Thumb Screw Nut
1655E	17963	Barring Lever Hinge Screw Nut
1655C	17963	Needle Bar Frame Bell Crank Roller
10330	2.,00	and Screw Stud Nut, for 1956
1658C	17882	Clamp Carrier Slide Regulating Stud Thumb Nut
1659C	17885	Clamp Pressure Regulating Thumb Nut
1664E	17965	Thread Retainer Holder Nut, for 39714
1671C	17882	Clamp Carrier Regulator Stud Nut
1671C	17964	Thread (lower) Cutting Lever Exten- sion Screw Nut
1901	17964	Clamp Lifting Arm Connection Roller and Screw Stud with 229D and 12424
1956	17963	Needle Bar Frame Bell Crank Roller and Screw Stud with 229D, 1655C and
		23389, for 23558 and 23632
1959	17893	Knife Bar Driving Lever (intermediate) Roller and Screw Stud with 229D and
10/0	12000	12424, for 23514
1960	17882	Clamp Carrier Regulator Roller and Screw Stud with 1520J, for 40010
1960	17882	Clamp Carrier Slide Lever Roller and
10/0	150/5	Screw Stud with 1520J, for 23394
1963	17967	Knife Bar Disengaging Lever Catch Roller and Stud, for 23464
1963	17963	Needle Bar Frame Connection Roller and Stud, for 39622 and 39643
2102	17896	Tension (side of Arm) Disc, for 249567
2103	17965	" (top cover) Spring
2117C	17883	Feed Wheel Pin
2117C	17964	Thread (upper) Cutting Lever Pin
2256	17883	Feed Wheel Retaining Clutch Spring
2269	17890	Shuttle Driver Pin
2269	17896	Tension (side of Arm) Releaser Shaft
		Crank Pin
2269	17886	Thread (upper) Cutting Blade Shaft Crank Pin, for 39693, 39694 and 39732
2273	17886	Thread (upper) Cutting Blade Connect- ing Rod Collar (front) Pin
2455	17971	Bobbin Winder Tension Disc, for 5989
2532	17969	Shuttle Race Back Position Pin, for
		249596
2533	17969	Shuttle Race Back Spring, for 249596
2718R	17903	Treadle Extension Screw Washer, for 14376 and 228757
2766	17903	Knee Starting Rock Shaft Knee Arm Hub with 356C, for 6336
2767	17903	Knee Starting Rock Shaft Knee Plate with 356C, for 6336
2770	17903	Knee Starting Rock Shaft Stop Dog with 140219C, for 228339
2973	17969	Shuttle Bobbin Case Latch Lever, for
2974	17969	Shuttle Bobbin Case Latch Lever Ful- crum Pin, for 15141
2975	17969	Shuttle Bobbin Case Latch Spring, for 249599
3012	17882	Feed Hand Ratchet Wheel Pin

418D, 1562J, 10141 and two 2455, for 262053  Knee Starting Rock Shaft Knee Arm with 1509E, for 6336  Knee Starting Rock Shaft Knee Arm chee, Nos. 2766, 2767 and 6335, for 228339  Knee Starting Rock Shaft Connecting Bracket with two 356C, for 228339  Knee Starting Rock Shaft Connecting Stud Sleeve  Needle Bar Frame Regulator Adjusting Screw Sleeve  Toro 17968 Needle Bar Frame Regulator Adjusting Screw Washer, for 23611  Toro 17968 Needle Bar Frame Pitman Adjusting Screw Washer, for 23611  Toro 17968 Needle Bar Frame Pitman Adjusting Screw Washer, for 23611  Thread (upper) Cutting Blade Connecting Rod Spring Bracket Screw Washer Clamp Carrier Slide Lever Socket Jo Shuttle Race Cap, for 249596  Thread Take-up Spring, for 249567  Tension (side of Arm) Spring, for 24954  Thread Take-up Spring, for 249567  Tension (side of Arm) Spring, for 24954  Thread Take-up Spring Cover Position Pin, for 249543  Starting Lever Bracket Dowel Pin Stop Lever Spring  Tam Dowel Pin Starting Lever Position Pin, for 249543  Toro 17970 Nerench, for 1518 and 1520  Screw Driver (5 in. blade) (machine, large)  12400 17965 Thread Retainer Sleeve, for 39714  "" Stud, for 39714  Clamp Lifting Arm Connection Roller Cap Screw Washer, for 1901  Knife Bar Driving Lever (intermedia Roller Cap Screw Washer, for 1950  Tension (side of Arm) Releaser Arm Pin  Thread Retainer Lever Pawl Sprin for 39997  14010 17938 Bed Frame Hinge Plate Rivet, for 3999	1784   17968	NO.	Piate	Name
17968	1784   17968	4784	17890	Arm Shaft Oil Pad
23478   Bobbin Winder Tension complete, Nos 418D, 1562J, 10141 and two 2455, for 262053   17903   Knee Starting Rock Shaft Knee Arm with 1509E, for 6336   17903   Knee Starting Rock Shaft Knee Arm c plete, Nos. 2766, 2767 and 6335, for 228339   6337   17903   Knee Starting Rock Shaft Connecting I Bracket with two 356C, for 228339   Feed Wheel Driving Lever Regulating Stud Sleeve   Needle Bar Frame Regulator Adjusting Screw Sleeve   Redele Bar Frame Pitman Adjusting Screw Washer, for 23611   Thread (upper) Cutting Blade Connecting Rod Spring Bracket Screw Washer, for 23611   Thread (upper) Cutting Blade Connecting Rod Spring Bracket Screw Washer, for 23611   Thread (upper) Cutting Blade Connecting Rod Spring Bracket Screw Washer, for 23611   Thread (upper) Cutting Blade Connecting Rod Spring Bracket Screw Washer, for 23611   Thread (upper) Cutting Blade Connecting Rod Spring Bracket Screw Washer, for 23611   Thread (upper) Cutting Blade Connecting Rod Spring Bracket Screw Washer, for 1326   Thread Take-up Spring, for 249567   Tension (side of Arm) Spring, for 249567   Thread Take-up Spring, for 249567   Tension (side of Arm) Spring, for 59   Thread Take-up Spring Cover Position Pin, for 249543   Thread Take-up Spring Cover Position Pin, for 249543   Thread Fall Fall Fall Fall Fall Fall Fall Fa	23478   17971   Bobbin Winder Tension complete, Nos. 4181, 1562J, 10141 and two 2455, for 262053   17903   Knee Starting Rock Shaft Knee Arm with 1509E, for 6336   17903   Knee Starting Rock Shaft Knee Arm complete, Nos. 2766, 2767 and 6335, for 228339   17903   Knee Starting Rock Shaft Connecting Rock Shaft Rock Shaft Connecting Rock Shaft Rock Shaft Connecting Rock Shaft Rock Shaft Rock Shaft Rock Shaft Rock Shaft Connecting Rock Shaft Rock Sh			
418D, 1562J, 10141 and two 2455, for 262053  Knee Starting Rock Shaft Knee Arm with 1509E, for 6336  Knee Starting Rock Shaft Knee Arm chete, Nos. 2766, 2767 and 6335, for 228339  6337 17903 Knee Starting Rock Shaft Connecting I Bracket with two 356C, for 228339  7070 17883 Feed Wheel Driving Lever Regulating Stud Sleeve  7070 17968 Needle Bar Frame Regulator Adjusting Screw Sleeve  7071 17968 Needle Bar Frame Pitman Adjusting Screw Washer, for 23611  7071 17882 Rorew Washer  7071 17882 Clamp Carrier Slide Lever Socket Jo Shuttle Race Cap, for 249596  7335 17896 Thread Take-up Spring, for 249567  7335 17896 Tension (side of Arm) Spring, for 249567  8582 17881 Arm Dowel Pin  8582 17882 Starting Lever Bracket Dowel Pin  8582 17883 Starting Lever Bracket Dowel Pin  10141 17971 Bobbin Winder Tension Spring, for 59  10875 17970 Wrench, for 1518 and 1520  Screw Driver (5 in, blade) (machine, large)  12402 17965 "" Stud, for 39714  Clamp Lifting Arm Connection Roller Cap Screw Washer, for 1901  12424 17893 Mife Bar Driving Lever (intermedia: Roller Cap Screw Washer, for 1951  12424 17893 Hand Retainer Sleeve, for 39714  Clamp Lifting Arm Connection Roller Cap Screw Washer, for 1901  Knife Bar Driving Lever (intermedia: Roller Cap Screw Washer, for 1951  12424 17893 Hand Ratchet Lever Pawl Sprin for 3997  14010 17938 Heed Hand Ratchet Lever Pawl Sprin for 3997  14010 17938 Heed Hand Ratchet Lever Pawl Sprin for 3997  14010 17938 Heed Hand Ratchet Lever Pawl Sprin for 3997  14010 17938 Feed Hand Ratchet Lever Pawl Sprin for 3997  14010 17938 Heed Frame Hinge Plate Rivet, for 396  14372 to 14375, for 14376 and 228757  14373 17903 "Extension  14374 17903 "Extension  14373 17903 "Extension  14374 17903 "Extension  14374 17903 "Extension  14377 17903 "Extension  14377 17903 "Extension  14377 17903 "Extension  14379 "Extension  14371 17903 "Spring	418D, 1562J, 10141 and two 2455, for 262053  Knee Starting Rock Shaft Knee Arm with 1509E, for 6336  17903 Knee Starting Rock Shaft Knee Arm on plete, Nos. 2766, 2767 and 6335, for 228339  6337 17903 Knee Starting Rock Shaft Connecting Rock Starting Lever Regulating Stud Sleeve  7070 17883 Feed Wheel Driving Lever Regulating Stud Sleeve  7071 17968 Needle Bar Frame Regulator Adjusting Screw Sleeve  7071 17968 Needle Bar Frame Pitman Adjusting Screw Washer, for 23611  7071 17886 Screw Washer, for 23611  7071 17886 Clamp Carrier Slide Lever Socket Join Rod Spring Bracket Screw Wash Clamp Carrier Slide Lever Socket Join Shuttle Race Cap, for 249596  7335 17896 Thread Take-up Spring, for 249567  7335 17896 Thread Take-up Spring, for 249567  8582 17881 Arm Dowel Pin  8582 17881 Starting Lever Bracket Dowel Pin  7084 Starting Lever Bracket Dowel Pin  7094 17882 Stop Lever Spring  7097 " Cam Spring Cover Position Pin, for 249543  10141 17971 Bobbin Winder Tension Spring, for 598  7087 17970 Wrench, for 1518 and 1520  70875 17965 " Starting Arm Connection Roller Cap Screw Driver (5 in, blade) (machine, large)  7088 17880 Arm Shaft Flanged Bushing (back)  7097 17890 Arm Shaft Flanged Bushing (back)  7098 17890 Arm Shaft Flanged Bushing (back)  7099 17890 Arm Sha		11700	23478
418D, 1562J, 10141 and two 2455, for 262053  Knee Starting Rock Shaft Knee Arm with 1509E, for 6336  Knee Starting Rock Shaft Knee Arm chete, Nos. 2766, 2767 and 6335, for 228339  6337 17903 Knee Starting Rock Shaft Connecting I Bracket with two 356C, for 228339  7070 17883 Feed Wheel Driving Lever Regulating Stud Sleeve  7070 17968 Needle Bar Frame Regulator Adjusting Screw Sleeve  7071 17968 Needle Bar Frame Pitman Adjusting Screw Washer, for 23611  7071 17882 Rorew Washer  7071 17882 Clamp Carrier Slide Lever Socket Jo Shuttle Race Cap, for 249596  7335 17896 Thread Take-up Spring, for 249567  7335 17896 Tension (side of Arm) Spring, for 249567  8582 17881 Arm Dowel Pin  8582 17882 Starting Lever Bracket Dowel Pin  8582 17883 Starting Lever Bracket Dowel Pin  10141 17971 Bobbin Winder Tension Spring, for 59  10875 17970 Wrench, for 1518 and 1520  Screw Driver (5 in, blade) (machine, large)  12402 17965 "" Stud, for 39714  Clamp Lifting Arm Connection Roller Cap Screw Washer, for 1901  12424 17893 Mife Bar Driving Lever (intermedia: Roller Cap Screw Washer, for 1951  12424 17893 Hand Retainer Sleeve, for 39714  Clamp Lifting Arm Connection Roller Cap Screw Washer, for 1901  Knife Bar Driving Lever (intermedia: Roller Cap Screw Washer, for 1951  12424 17893 Hand Ratchet Lever Pawl Sprin for 3997  14010 17938 Heed Hand Ratchet Lever Pawl Sprin for 3997  14010 17938 Heed Hand Ratchet Lever Pawl Sprin for 3997  14010 17938 Heed Hand Ratchet Lever Pawl Sprin for 3997  14010 17938 Feed Hand Ratchet Lever Pawl Sprin for 3997  14010 17938 Heed Frame Hinge Plate Rivet, for 396  14372 to 14375, for 14376 and 228757  14373 17903 "Extension  14374 17903 "Extension  14373 17903 "Extension  14374 17903 "Extension  14374 17903 "Extension  14377 17903 "Extension  14377 17903 "Extension  14377 17903 "Extension  14379 "Extension  14371 17903 "Spring	418D, 1562J, 10141 and two 2455, for 262053  Knee Starting Rock Shaft Knee Arm with 1509E, for 6336  17903 Knee Starting Rock Shaft Knee Arm on plete, Nos. 2766, 2767 and 6335, for 228339  6337 17903 Knee Starting Rock Shaft Connecting Rock Starting Lever Regulating Stud Sleeve  7070 17883 Feed Wheel Driving Lever Regulating Stud Sleeve  7071 17968 Needle Bar Frame Regulator Adjusting Screw Sleeve  7071 17968 Needle Bar Frame Pitman Adjusting Screw Washer, for 23611  7071 17886 Screw Washer, for 23611  7071 17886 Clamp Carrier Slide Lever Socket Join Rod Spring Bracket Screw Wash Clamp Carrier Slide Lever Socket Join Shuttle Race Cap, for 249596  7335 17896 Thread Take-up Spring, for 249567  7335 17896 Thread Take-up Spring, for 249567  8582 17881 Arm Dowel Pin  8582 17881 Starting Lever Bracket Dowel Pin  7084 Starting Lever Bracket Dowel Pin  7094 17882 Stop Lever Spring  7097 " Cam Spring Cover Position Pin, for 249543  10141 17971 Bobbin Winder Tension Spring, for 598  7087 17970 Wrench, for 1518 and 1520  70875 17965 " Starting Arm Connection Roller Cap Screw Driver (5 in, blade) (machine, large)  7088 17880 Arm Shaft Flanged Bushing (back)  7097 17890 Arm Shaft Flanged Bushing (back)  7098 17890 Arm Shaft Flanged Bushing (back)  7099 17890 Arm Sha	5989	17971	Bobbin Winder Tension complete, Nos.
17903   Knee Starting Rock Shaft Knee Arm with 1509E, for 6336     17903   Knee Starting Rock Shaft Knee Arm child the piete, Nos. 2766, 2767 and 6335, for 228339     17903   Knee Starting Rock Shaft Connecting Intervention	262053			
### ### ### ### ### ### ### ### ### ##	## with 1509E, for 6336   17903   Knee Starting Rock Shaft Knee Arm conplete, Nos. 2766, 2767 and 6335, for 228339   17903   Knee Starting Rock Shaft Connecting Robert Starting Rock Shaft Connecting Stud Sleeve   Needle Bar Frame Regulator Adjusting Start Starting Ratchet Wheel Tripping Point Screw Washer Rock Starting Rock Spring Point Screw Washer, for 23611   17968   Needle Bar Frame Pitman Adjusting Screw Washer, for 23611     Thread (upper) Cutting Blade Connecting Rod Spring Bracket Screw Washer, for 249567     17882   Clamp Carrier Slide Lever Socket Join Shuttle Race Cap, for 249567     17883   17896   Thread Take-up Spring, for 249567     17884   Arm Dowel Pin Starting Lever Bracket Dowel Pin Starting Lever Bracket Dowel Pin Starting Lever Bracket Dowel Pin Stop Lever Spring   Cam Spring Cover Position Pin, for 249543     17890   17880   Stop Lever Spring Cover Position Pin, for 249543     10141   17971   Bobbin Winder Tension Spring, for 598     17891   Thread Guide, for 249561     17990   Screw Driver (5 in. blade) (machine, large)     12400   17965   Thread Retainer Sleeve, for 39714     17891   Clamp Lifting Arm Connection Roller Cap Screw Washer, for 1901     Knife Bar Driving Lever (intermediate Roller Cap Screw Washer, for 1959     12424   17890   Oscillating Shaft Crank Slide Block Ca Screw Washer, for 24050     12538   17964   Tension (side of Arm) Releaser Arm Pin     13218   17882   Feed Hand Ratchet Lever Pawl Spring, for 39997     14010   17938   Bed Frame Hinge Plate Rivet, for 3991     14011   17938   Feed Wheel Friction Ring Screw Wash     14372   17903   Extension     14373   17903   Extension     14374   17903   Extension     17901   Extension			
### ### ### ### ### ### ### ### ### ##	## with 1509E, for 6336   17903   Knee Starting Rock Shaft Knee Arm conplete, Nos. 2766, 2767 and 6335, for 228339   17903   Knee Starting Rock Shaft Connecting Robert Starting Rock Shaft Connecting Stud Sleeve   Needle Bar Frame Regulator Adjusting Start Starting Ratchet Wheel Tripping Point Screw Washer Rock Starting Rock Spring Point Screw Washer, for 23611   17968   Needle Bar Frame Pitman Adjusting Screw Washer, for 23611     Thread (upper) Cutting Blade Connecting Rod Spring Bracket Screw Washer, for 249567     17882   Clamp Carrier Slide Lever Socket Join Shuttle Race Cap, for 249567     17883   17896   Thread Take-up Spring, for 249567     17884   Arm Dowel Pin Starting Lever Bracket Dowel Pin Starting Lever Bracket Dowel Pin Starting Lever Bracket Dowel Pin Stop Lever Spring   Cam Spring Cover Position Pin, for 249543     17890   17880   Stop Lever Spring Cover Position Pin, for 249543     10141   17971   Bobbin Winder Tension Spring, for 598     17891   Thread Guide, for 249561     17990   Screw Driver (5 in. blade) (machine, large)     12400   17965   Thread Retainer Sleeve, for 39714     17891   Clamp Lifting Arm Connection Roller Cap Screw Washer, for 1901     Knife Bar Driving Lever (intermediate Roller Cap Screw Washer, for 1959     12424   17890   Oscillating Shaft Crank Slide Block Ca Screw Washer, for 24050     12538   17964   Tension (side of Arm) Releaser Arm Pin     13218   17882   Feed Hand Ratchet Lever Pawl Spring, for 39997     14010   17938   Bed Frame Hinge Plate Rivet, for 3991     14011   17938   Feed Wheel Friction Ring Screw Wash     14372   17903   Extension     14373   17903   Extension     14374   17903   Extension     17901   Extension	6335	17003	Knee Starting Rock Shaft Knee Arm
17903	17903   Knee Starting Rock Shaft Knee Arm con plete, Nos. 2766, 2767 and 6335, for 228339	0333	11/03	
Plete, Nos. 2766, 2767 and 6335, for 228339	Piete, Nos. 2766, 2767 and 6335, for 228339			
Plete, Nos. 2766, 2767 and 6335, for 228339	Piete, Nos. 2766, 2767 and 6335, for 228339	6336	17903	Knee Starting Rock Shaft Knee Arm com-
228339	17903   Knee Starting Rock Shaft Connecting Ro Bracket with two 356C, for 228339			plete, Nos. 2766, 2767 and 6335, for
### 17903   Knee Starting Rock Shaft Connecting I Bracket with two 356C, for 228339   ### 7070   17883   Feed Wheel Driving Lever Regulating Stud Sleeve   ### 7070   17968   Needle Bar Frame Regulator Adjusting Screw Sleeve   ### 7071   17963   Barring Ratchet Wheel Tripping Poin Screw Washer   ### 7071   17968   Needle Bar Frame Pitman Adjusting Screw Washer, for 23611   ### 7071   17886   Thread (upper) Cutting Blade Connecting Rod Spring Bracket Screw Washer   ### 7278   17882   Clamp Carrier Slide Lever Socket Joe Shuttle Race Cap, for 249567   ### 7335   17896   Thread Take-up Spring, for 249567   ### 8582   17881   Arm Dowel Pin Sesse 17881   Arm Dowel Pin Sesse 17880   Tension (side of Arm) Spring, for 24954   ### 8582   17880   Starting Lever Bracket Dowel Pin Stop Lever Spring   ### 8582   17890   Cam Spring Cover Position Pin, for 249543   ### 10141   17971   Bobbin Winder Tension Spring, for 59   ### 1262053   ### 10875   17970   Wrench, for 1518 and 1520   ### 12400   17965   Thread Retainer Sleeve, for 39714   ### 12401   17965   Thread Retainer Sleeve, for 39714   ### 12424   17890   Arm Shaft Flanged Bushing (back)   ### 17893   Thread Retainer Sleeve (intermedia Roller Cap Screw Washer, for 1901   ### 12424   17890   Oscillating Shaft Crank Slide Block Cap Screw Washer, for 24050   ### 12538   17964   Tension (side of Arm) Releaser Arm Pin   ### 13218   17882   Feed Hand Ratchet Lever Pawl Sprin for 39997   ### 14010   17938   Bed Frame Hinge Plate Rivet, for 3914   ### 17893   Tende   Tension   ### 17893   Starting Lever Spring Nos.14372 to 14375, for 14376 and 228757   ### 17903   Treadle   ### 14373 17903   Extension   ### 14374 17903   Spring   ### 17903   Spring   ### 17903   Spring   ### 17903   Spring   ### 17904   Tension   Spring   ### 17905   Tension   Spring   ### 17906   Tension   Spring   ### 17907   Spring   ### 17908   Tension   Spring   ### 17909   Tension	17903			
## Bracket with two 356C, for 228339 Feed Wheel Driving Lever Regulating Stud Sleeve ## Needle Bar Frame Regulator Adjusting Screw Sleeve ## Needle Bar Frame Regulator Adjusting Screw Washer ## Needle Bar Frame Pitman Adjusting Screw Washer, for 23611 ## Thread (upper) Cutting Blade Connecting Rod Spring Bracket Screw Washer ## 17882 Clamp Carrier Slide Lever Socket Jo. ## Shuttle Race Cap, for 249596 ## Shuttle Race Cap, for 249596 ## Tread Take-up Spring, for 249567 ## Starting Lever Bracket Dowel Pin ## Thread Guide, for 249543 ## 17890 "Cam Spring Cover Position Pin, for 249543 ## 17890 "Cam Spring Cover Position Pin, for 249543 ## 17971 " "Thread Guide, for 249543 ## 17970 Wrench, for 1518 and 1520 ## 17970 Wrench, for 1518 and 1520 ## Screw Driver (5 in, blade) (machine, large) ## Large ## 17890 Arm Shaft Flanged Bushing (back) ## 17965 Thread Retainer Sleeve, for 39714 ## Stud, for 39714 ## 17890 Cap Screw Washer, for 1901 ## Stud, for 39714 ## 17891 Knife Bar Driving Lever (intermedia Roller Cap Screw Washer, for 1901 ## 17892 Knife Bar Driving Lever (intermedia Roller Cap Screw Washer, for 195 ## 17893 Karting Lever Bate Rivet, for 3997 ## 14010 17938 Bed Frame Hinge Plate Rivet, for 3997 ## 14010 17938 Bed Frame Hinge Plate Rivet, for 3997 ## 14010 17938 Bed Frame Hinge Plate Rivet, for 3997 ## 14010 17938 Bed Frame Hinge Plate Rivet, for 3997 ## 14010 17938 Bed Frame Hinge Plate Rivet, for 39997 ## 14010 17938 Bed Frame Hinge Plate Rivet, for 3991 ## 17803 Treadle ## 17804 Treadle ## 17805 Treadle ## 17806 Treadle ## 17806 Treadle ## 17807 Treadle ## 17808 Treadle ## 17808 Treadle ## 17809 "Extension ## 14374 17903 "Extension ## 17903 "Fireadle ## 17904 "Fireadle ## 17904 "Fireadle ## 17904 "Fireadle ## 17904 "Fireadle ## 1790	Bracket with two 356C, for 228339	(117	17002	
17883   Feed Wheel Driving Lever Regulating Stud Sleeve     17968   Needle Bar Frame Regulator Adjusting Screw Sleeve     17963   Barring Ratchet Wheel Tripping Poin Screw Washer     17968   Needle Bar Frame Pitman Adjusting Screw Washer, for 23611     17971   17986   Thread (upper) Cutting Blade Connecting Rod Spring Bracket Screw Washer     17969   Shuttle Race Cap, for 249596     17326   17969   Shuttle Race Cap, for 249596     17326   17969   Shuttle Race Cap, for 249596     17326   Thread Take-up Spring, for 249567     1832   17881   Arm Dowel Pin     1852   17893   Starting Lever Bracket Dowel Pin     1852   17890   "Cam Spring Cover Position Pin, for 249543     10141   17971   Bobbin Winder Tension Spring, for 59     10145   17970   Wrench, for 1518 and 1520     12400   17965   Thread Retainer Sleeve, for 39714     12401   17965   Thread Retainer Sleeve, for 39714     12424   17964   Clamp Lifting Arm Connection Roller     Cap Screw Washer, for 1901     12424   17890   Scillating Shaft Crank Slide Block Connection     12538   17964   Tension (side of Arm) Releaser Arm     12424   17890   Scillating Shaft Crank Slide Block Conscrew Washer, for 195     12424   17890   Tension (side of Arm) Releaser Arm     12424   17882   Feed Hand Ratchet Lever Pawl Sprin     17938   Feed Wheel Friction Ring Screw Washer, 1783     14010   17883   Feed Wheel Friction Ring Screw Washer, 1783     14011   17883   Feed Wheel Friction Ring Screw Washer, 14372     17903   "Extension     14372   17903   "Extension     14374   17903   "Extension     14374   17903   "Spring	17883   Feed Wheel Driving Lever Regulating Stud Sleeve     7070   17968   Needle Bar Frame Regulator Adjusting Screw Sleeve     7071   17963   Barring Ratchet Wheel Tripping Point Screw Washer     7071   17968   Needle Bar Frame Pitman Adjusting Screw Washer, for 23611     7071   17886   Thread (upper) Cutting Blade Connecting Rod Spring Bracket Screw Wash     7278   17882   Clamp Carrier Slide Lever Socket Join Shuttle Race Cap, for 249596     7326   17969   Shuttle Race Cap, for 249596     7335   17896   Thread Take-up Spring, for 249567     8238   17896   Thread Take-up Spring, for 249568     8582   17891   Starting Lever Bracket Dowel Pin Stop Lever Spring     9780   17890   "Cam Spring Cover Position Pin, for 249543     10141   17971   Bobbin Winder Tension Spring, for 598     10145   17970   Wrench, for 1518 and 1520     12875   17890   Arm Shaft Flanged Bushing (back)     12400   17965   Thread Retainer Sleeve, for 39714     12424   17890   Arm Shaft Flanged Bushing (back)     12424   17891   Thread Retainer Sleeve, for 39714     12424   17892   Clamp Lifting Arm Connection Roller Cap Screw Washer, for 1951     12424   17893   Knife Bar Driving Lever (intermediate Roller Cap Screw Washer, for 1959     12424   17890   Oscillating Shaft Crank Slide Block Ca Screw Washer, for 24050     12538   17964   Tension (side of Arm) Releaser Arm Pin     13218   17882   Feed Hand Ratchet Lever Pawl Spring, for 39997     14010   17938   Bed Frame Hinge Plate Rivet, for 3991     14011   17833   Feed Wheel Friction Ring Screw Wash     14017   17883   Feed Wheel Friction Ring Screw Wash     14018   Tradle   Tradle   Tradle     14373   17903   Extension     14374   17903   "Extension	6337	17903	Knee Starting Rock Shall Connecting Rod
Stud Sleeve   Needle Bar Frame Regulator Adjusting Screw Sleeve	Stud Sleeve   Needle Bar Frame Regulator Adjusting Screw Sleeve   17963   Barring Ratchet Wheel Tripping Point Screw Washer   Needle Bar Frame Pitman Adjusting Screw Washer, for 23611   17968   Thread (upper) Cutting Blade Connecting Rod Spring Bracket Screw Wash   17882   Clamp Carrier Slide Lever Socket Join Shuttle Race Cap, for 249596   17862   Thread Take-up Spring, for 249567   Tension (side of Arm) Spring, for 249568   17896   Thread Take-up Spring, for 249568   17891   Starting Lever Bracket Dowel Pin Starting Lever Bracket Dowel Pin Stop Lever Spring   Cam Spring Cover Position Pin, for 249543   17890   Cam Spring Cover Position Pin, for 249543   17971   Editor   Thread Guide, for 262053   17970   Wrench, for 1518 and 1520   17971   Editor   Thread Guide, for 262053   17970   Wrench, for 1518 and 1520   17971   Screw Driver (5 in. blade) (machine, large)   17965   Thread Retainer Sleeve, for 39714   17964   Clamp Lifting Arm Connection Roller Cap Screw Washer, for 1901   12424   17890   Oscillating Shaft Crank Slide Block Ca Screw Washer, for 24050   12538   17964   Tension (side of Arm) Releaser Arm Pin   17938   Bed Frame Hinge Plate Rivet, for 3991   14010   17938   Bed Frame Hinge Plate Rivet, for 3991   14010   17938   Bed Frame Hinge Plate Rivet, for 3991   14010   17938   Bed Frame Hinge Plate Rivet, for 3991   14010   17938   Feed Wheel Friction Ring Screw Wash   14374   17893   Treadle   14375, for 14376 and 228757   17903   Extension   Extension   17903   1			
Stud Sleeve   Needle Bar Frame Regulator Adjusting Screw Sleeve	Stud Sleeve   Needle Bar Frame Regulator Adjusting Screw Sleeve   17963   Barring Ratchet Wheel Tripping Point Screw Washer   Needle Bar Frame Pitman Adjusting Screw Washer, for 23611   17968   Thread (upper) Cutting Blade Connecting Rod Spring Bracket Screw Wash   17882   Clamp Carrier Slide Lever Socket Join Shuttle Race Cap, for 249596   17862   Thread Take-up Spring, for 249567   Tension (side of Arm) Spring, for 249568   17896   Thread Take-up Spring, for 249568   17891   Starting Lever Bracket Dowel Pin Starting Lever Bracket Dowel Pin Stop Lever Spring   Cam Spring Cover Position Pin, for 249543   17890   Cam Spring Cover Position Pin, for 249543   17971   Editor   Thread Guide, for 262053   17970   Wrench, for 1518 and 1520   17971   Editor   Thread Guide, for 262053   17970   Wrench, for 1518 and 1520   17971   Screw Driver (5 in. blade) (machine, large)   17965   Thread Retainer Sleeve, for 39714   17964   Clamp Lifting Arm Connection Roller Cap Screw Washer, for 1901   12424   17890   Oscillating Shaft Crank Slide Block Ca Screw Washer, for 24050   12538   17964   Tension (side of Arm) Releaser Arm Pin   17938   Bed Frame Hinge Plate Rivet, for 3991   14010   17938   Bed Frame Hinge Plate Rivet, for 3991   14010   17938   Bed Frame Hinge Plate Rivet, for 3991   14010   17938   Bed Frame Hinge Plate Rivet, for 3991   14010   17938   Feed Wheel Friction Ring Screw Wash   14374   17893   Treadle   14375, for 14376 and 228757   17903   Extension   Extension   17903   1	7070	17883	Feed Wheel Driving Lever Regulating
17968   Needle Bar Frame Regulator Adjusting Screw Sleeve   17963   Barring Ratchet Wheel Tripping Poin Screw Washer   17968   Needle Bar Frame Pitman Adjusting Screw Washer, for 23611   17886   Thread (upper) Cutting Blade Connecting Rod Spring Bracket Screw Washer, 17969   Shuttle Race Cap, for 249567   17969   Shuttle Race Cap, for 249567   17896   Thread Take-up Spring, for 249567   17896   Thread Take-up Spring, for 249567   17896   Thread Take-up Spring, for 249567   17891   Starting Lever Bracket Dowel Pin Starting Lever Bracket Dowel Pin Stop Lever Spring   "Cam Spring Cover Position Pin, for 249543   17890   "Cam Spring Cover Position Pin, for 249543   17891   "" "Thread Guide, for 249543   17971   "" "Thread Guide, for 249543   17970   Wrench, for 1518 and 1520   Screw Driver (5 in, blade) (machine, large)   12357   17890   Arm Shaft Flanged Bushing (back)   17965   Thread Retainer Sleeve, for 39714   12402   17965   "" Stud, for 39714   17964   Clamp Lifting Arm Connection Roller Cap Screw Washer, for 1901   12424   17890   Scillating Shaft Crank Slide Block Cap Screw Washer, for 1951   17881   17882   Feed Hand Ratchet Lever Pawl Spring for 39997   14010   17938   Feed Hand Ratchet Lever Pawl Spring Nos. 14372 to 14375, for 14376 and 228757   14372   17903   "Extension   14374   17903   "Extension   14374   17903   "Extension   14374   17903   "Extension   14374   17903   "Spring   14374   17903   "Extension   14374   17903   "Spring   14374   17903	17968   Needle Bar Frame Regulator Adjusting Screw Sleeve			
ing Screw Sleeve  Barring Ratchet Wheel Tripping Poin Screw Washer  7071 17968 Needle Bar Frame Pitman Adjusting Screw Washer, for 23611  7071 17886 Thread (upper) Cutting Blade Connect ing Rod Spring Bracket Screw Washer, 17882 Clamp Carrier Slide Lever Socket Jo Shuttle Race Cap, for 249567  7326 17969 Shuttle Race Cap, for 249567  7328 17896 Thread Take-up Spring, for 249567  7328 17896 Thread Take-up Spring, for 249567  7328 17891 Arm Dowel Pin  8582 17881 Arm Dowel Pin  8582 17882 Stop Lever Spring  9780 17890 "Cam Spring Cover Position Pin, for 249543  10141 17971 Bobbin Winder Tension Spring, for 59  10145 17970 Wrench, for 1518 and 1520  11831 17970 Screw Driver (5 in, blade) (machine, large)  12357 17890 Arm Shaft Flanged Bushing (back)  12400 17965 Thread Retainer Sleeve, for 39714  12424 17964 Clamp Lifting Arm Connection Roller Cap Screw Washer, for 1901  12424 17890 Scillating Shaft Crank Slide Block Conscillating Sha	ing Screw Sleeve  Barring Ratchet Wheel Tripping Point Screw Washer  7071 17968 Needle Bar Frame Pitman Adjusting Screw Washer, for 23611  7071 17886 Thread (upper) Cutting Blade Connecting Rod Spring Bracket Screw Wash  7278 17882 Clamp Carrier Slide Lever Socket Join  7326 17969 Shuttle Race Cap, for 249596  7335 17896 Thread Take-up Spring, for 249567  8238 17891 Arm Dowel Pin  8582 17881 Arm Dowel Pin  8582 17882 Starting Lever Bracket Dowel Pin  8582 17893 Starting Lever Bracket Dowel Pin  8582 17890 "Cam Spring Cover Position Pin, for 249543  10141 17971 Bobbin Winder Tension Spring, for 598  10145 17970 Wrench, for 1518 and 1520  10875 17970 Wrench, for 1518 and 1520  12357 17890 Arm Shaft Flanged Bushing (back)  12400 17965 Thread Retainer Sleeve, for 39714  12424 17964 Clamp Lifting Arm Connection Roller Cap Screw Washer, for 1901  12424 17890 Oscillating Shaft Crank Slide Block Ca Screw Washer, for 24050  12538 17964 Tension (side of Arm) Releaser Arm Pin  13218 17882 Feed Hand Ratchet Lever Pawl Spring, for 39997  14010 17938 Bed Frame Hinge Plate Rivet, for 3991  14010 17938 Feed Wheel Friction Ring Screw Wash  14174 17893 Starting Lever Spring Nos. 14372 to 14375, for 14376 and 228757  14372 17903 "Extension  "Extension  "Extension  "Spring	7070	170/0	
17961   17963   Barring Ratchet Wheel Tripping Poin Screw Washer	7071         17963         Barring Ratchet Wheel Tripping Point Screw Washer           7071         17968         Needle Bar Frame Pitman Adjusting Screw Washer, for 23611           7071         17886         Thread (upper) Cutting Blade Connecting Rod Spring Bracket Screw Wash Clamp Carrier Slide Lever Socket Joir Shuttle Race Cap, for 249596           7326         17969         Shuttle Race Cap, for 249596           7335         17896         Thread Take-up Spring, for 24956           8582         17891         Thread Take-up Spring, for 24956           8582         17893         Starting Lever Bracket Dowel Pin           8582         17890         " Cam Spring Cover Position Pin, for 249543           9780         17890         " Cam Spring Cover Position Pin, for 249543           10141         17971         Bobbin Winder Tension Spring, for 598           10875         17970         Wrench, for 1518 and 1520           10875         17970         Wrench, for 1518 and 1520           12400         17965         Thread Retainer Sleeve, for 39714           12401         17965         " "Stud, for 39714           12424         17964         Clamp Lifting Arm Connection Roller Cap Screw Washer, for 1951           12424         17890         Mrife Bar Driving Lever (intermediate Roller Cap Screw Washer, for 1959	1010	11308	
Screw Washer   Needle Bar Frame Pitman Adjusting   Screw Washer, for 23611	17968   Needle Bar Frame Pitman Adjusting Screw Washer, for 23611			
Screw Washer   Needle Bar Frame Pitman Adjusting   Screw Washer, for 23611	17968   Needle Bar Frame Pitman Adjusting Screw Washer, for 23611	7071	17963	Barring Ratchet Wheel Tripping Point
17968	17968   Needle Bar Frame Pitman Adjusting Screw Washer, for 23611     17886   Thread (upper) Cutting Blade Connecting Rod Spring Bracket Screw Wash			
Screw Washer, for 23611	Screw Washer, for 23611	7071	17040	
7071 17886 Thread (upper) Cutting Blade Connecting Rod Spring Bracket Screw Was 7278 17882 Clamp Carrier Slide Lever Socket Jo 7326 17969 Shuttle Race Cap, for 249596 7335 17896 Thread Take-up Spring, for 249567 8238 17896 Tension (side of Arm) Spring, for 24958 8582 17881 Arm Dowel Pin 8582 17883 Starting Lever Bracket Dowel Pin 8582 17880 "Cam Spring Cover Position Pin, 600 17880 "Cam Spring Cover Position Pin, 600 17890 "Cam Spring Cover Position Pin, 600 17971 """Thread Guide, for 249543 10141 17971 Bobbin Winder Tension Spring, for 59 10145 17971 Wrench, for 1518 and 1520 10875 17970 Wrench, for 1518 and 1520 11831 17970 Screw Driver (5 in. blade) (machine, 1arge) 12357 17890 Arm Shaft Flanged Bushing (back) 12400 17965 Thread Retainer Sleeve, for 39714 12402 17965 ""Stud, for 39714 12424 17964 Clamp Lifting Arm Connection Roller Cap Screw Washer, for 1901 12424 17890 Scillating Shaft Crank Slide Block C Screw Washer, for 24050 12538 17964 Tension (side of Arm) Releaser Arm Pin 13218 17882 Feed Hand Ratchet Lever Pawl Sprin for 39997 14010 17938 Bed Frame Hinge Plate Rivet, for 396 14017 17883 Feed Wheel Friction Ring Screw Wash 14174 17893 Starting Lever Spring Nos. 14372 to 14375, for 14376 and 228757 14372 17903 "Extension 14374 17903 "Spring	7071         17886         Thread (upper) Cutting Blade Connecting Rod Spring Bracket Screw Wash           7278         17882         Clamp Carrier Slide Lever Socket Join           7326         17969         Shuttle Race Cap, for 249596           7335         17896         Thread Take-up Spring, for 24956           8582         17881         Arm Dowel Pin           8582         17893         Starting Lever Bracket Dowel Pin           9540         17882         Stop Lever Spring           9780         17890         " Cam Spring Cover Position Pin, for 249543           10141         17971         Bobbin Winder Tension Spring, for 598           10145         17971         " " Thread Guide, fo           262053         Wrench, for 1518 and 1520           10875         17970         Wrench, for 1518 and 1520           12400         Screw Driver (5 in. blade) (machine, large)           12401         17965         Thread Retainer Sleeve, for 39714           12402         17965         " " Stud, for 39714           12424         17893         Knife Bar Driving Lever (intermediate Roller Cap Screw Washer, for 1959           12424         17890         Oscillating Shaft Crank Slide Block Ca Screw Washer, for 39997           12424         17890         Tension (side	1011	17900	
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10875   17970   Wrench, for 1518 and 1520	10875         17970         Wrench, for 1518 and 1520           11831         17970         Screw Driver (5 in. blade) (machine, large)           12357         17890         Arm Shaft Flanged Bushing (back)           12400         17965         Thread Retainer Sleeve, for 39714           12420         17965         " "Stud, for 39714           12424         17964         Clamp Lifting Arm Connection Roller Cap Screw Washer, for 1901           12424         17893         Knife Bar Driving Lever (intermediate Roller Cap Screw Washer, for 1959           12424         17890         Oscillating Shaft Crank Slide Block Ca Screw Washer, for 24050           12538         17964         Tension (side of Arm) Releaser Arm Pin           13218         17882         Feed Hand Ratchet Lever Pawl Spring, for 39997           14010         17938         Bed Frame Hinge Plate Rivet, for 3991           14017         17883         Feed Wheel Friction Ring Screw Wash           14174         17893         Starting Lever Spring           Nos. 14372 to 14375, for 14376 and 228757         Treadle           14373         17903         " Extension           14374         17903         " Extension           14374         17903         " Extension	10145	1/9/1	Thread Guide, 101
11831	11831			
11831	11831	10875	17970	Wrench, for 1518 and 1520
large) 12357 17890 Arm Shaft Flanged Bushing (back) 12400 17965 Thread Retainer Sleeve, for 39714 12402 17965 " " Stud, for 39714 12424 17964 Clamp Lifting Arm Connection Roller Cap Screw Washer, for 1901 12424 17893 Knife Bar Driving Lever (intermedia: Roller Cap Screw Washer, for 195 12424 17890 Oscillating Shaft Crank Slide Block C Screw Washer, for 24050 12538 17964 Tension (side of Arm) Releaser Arm Pin 13218 17882 Feed Hand Ratchet Lever Pawl Sprin for 39997 14010 17938 Bed Frame Hinge Plate Rivet, for 399 14017 17883 Feed Wheel Friction Ring Screw Was 14174 17893 Starting Lever Spring Nos. 14372 to 14375, for 14376 and 228757 14372 17903 " Extension 14374 17903 " Extension 14374 17903 " Spring	large) 12357 17890 Arm Shaft Flanged Bushing (back) 12402 17965 Thread Retainer Sleeve, for 39714 12424 17964 Clamp Lifting Arm Connection Roller Cap Screw Washer, for 1901 12424 17893 Knife Bar Driving Lever (intermediate Roller Cap Screw Washer, for 1959 12424 17890 Oscillating Shaft Crank Slide Block Ca Screw Washer, for 24050 12538 17964 Tension (side of Arm) Releaser Arm Pin 13218 17882 Feed Hand Ratchet Lever Pawl Spring, for 39997 14010 17938 Bed Frame Hinge Plate Rivet, for 3991 14010 17938 Feed Wheel Friction Ring Screw Wash 14017 17883 Feed Wheel Friction Ring Screw Wash 14174 17893 Starting Lever Spring Nos. 14372 to 14375, for 14376 and 228757 14372 17903 "Extension 14374 17903 "Extension "Spring	11831	17970	Screw Driver (5 in. blade) (machine,
12357   17890	12357         17890         Arm Shaft Flanged Bushing (back)           12400         17965         Thread Retainer Sleeve, for 39714           12402         17964         " " Stud, for 39714           12424         17964         Clamp Lifting Arm Connection Roller Cap Screw Washer, for 1901           12424         17893         Knife Bar Driving Lever (intermediate Roller Cap Screw Washer, for 1959           12424         17890         Oscillating Shaft Crank Slide Block Ca Screw Washer, for 24050           12538         17964         Tension (side of Arm) Releaser Arm Pin           13218         17882         Feed Hand Ratchet Lever Pawl Spring, for 3997           14010         17938         Bed Frame Hinge Plate Rivet, for 3991           14017         17883         Feed Wheel Friction Ring Screw Wash           14174         17893         Starting Lever Spring           Nos. 14372 to 14375, for 14376 and 228757         17903           14373         17903         " Extension           14374         17903         " Spring		,	
12400   17965	12400         17965         Thread Retainer Sleeve, for 39714           12420         17965         " "Stud, for 39714           12424         17964         Clamp Lifting Arm Connection Roller Cap Screw Washer, for 1901           12424         17893         Knife Bar Driving Lever (intermediate Roller Cap Screw Washer, for 1959           12424         17890         Oscillating Shaft Crank Slide Block Ca Screw Washer, for 24050           12538         17964         Tension (side of Arm) Releaser Arm Pin           13218         17882         Feed Hand Ratchet Lever Pawl Spring, for 39997           14010         17938         Bed Frame Hinge Plate Rivet, for 3991           14017         17883         Feed Wheel Friction Ring Screw Wash           14174         17893         Starting Lever Spring           Nos. 14372 to 14375, for 14376 and 228757         Treadle           14373         17903         " Extension           14374         17903         " Extension           14374         17903         " Extension	10000	17000	
12402         17965         " "Stud, for 39714           12424         17964         Clamp Lifting Arm Connection Roller Cap Screw Washer, for 1901           12424         17893         Knife Bar Driving Lever (intermedia Roller Cap Screw Washer, for 195           12424         17890         Oscillating Shaft Crank Slide Block Control Screw Washer, for 24050           12538         17964         Tension (side of Arm) Releaser Arm Pin           13218         17882         Feed Hand Ratchet Lever Pawl Sprint for 3997           14010         17938         Bed Frame Hinge Plate Rivet, for 3997           14017         17883         Feed Wheel Friction Ring Screw Wash           14174         17893         Starting Lever Spring Nos. 14372 to 14375, for 14376 and 228757           14372         17903         " Extension           14374         17903         " Extension           14374         17903         " Spring	12402         17965         " " Stud, for 39714           12424         17964         Clamp Lifting Arm Connection Roller Cap Screw Washer, for 1901           12424         17893         Knife Bar Driving Lever (intermediate Roller Cap Screw Washer, for 1959           12424         17890         Oscillating Shaft Crank Slide Block Ca Screw Washer, for 24050           12538         17964         Tension (side of Arm) Releaser Arm Pin           13218         17882         Feed Hand Ratchet Lever Pawl Spring, for 39997           14010         17938         Bed Frame Hinge Plate Rivet, for 3991           14017         17883         Feed Wheel Friction Ring Screw Wash           14174         17893         Starting Lever Spring Nos. 14372 to 14375, for 14376 and 228757           14372         17903         " Extension           14374         17903         " Extension           14374         17903         " Spring			
12424         17964         Clamp Lifting Arm Connection Roller Cap Screw Washer, for 1901           12424         17893         Knife Bar Driving Lever (intermedia Roller Cap Screw Washer, for 195           12424         17890         Oscillating Shaft Crank Slide Block C Screw Washer, for 24050           12538         17964         Tension (side of Arm) Releaser Arm Pin           13218         17882         Feed Hand Ratchet Lever Pawl Sprin for 39997           14010         17938         Bed Frame Hinge Plate Rivet, for 399 Feed Wheel Friction Ring Screw Washer, for 14372           14174         17893         Starting Lever Spring Nos. 14372 to 14375, for 14376 and 228757           14372         17903         " Extension           14374         17903         " Extension           14374         17903         " Spring	12424         17964         Clamp Lifting Arm Connection Roller Cap Screw Washer, for 1901           12424         17893         Knife Bar Driving Lever (intermediate Roller Cap Screw Washer, for 1959           12424         17890         Oscillating Shaft Crank Slide Block Ca Screw Washer, for 24050           12538         17964         Tension (side of Arm) Releaser Arm Pin           13218         17882         Feed Hand Ratchet Lever Pawl Spring, for 39997           14010         17938         Bed Frame Hinge Plate Rivet, for 3991           14017         17883         Feed Wheel Friction Ring Screw Wash           14174         17893         Starting Lever Spring Nos. 14372 to 14375, for 14376 and 228757           14372         17903         " Extension           14374         17903         " Spring			Thread Retainer Sleeve, for 39714
12424         17964         Clamp Lifting Arm Connection Roller Cap Screw Washer, for 1901           12424         17893         Knife Bar Driving Lever (intermedia Roller Cap Screw Washer, for 195           12424         17890         Oscillating Shaft Crank Slide Block C Screw Washer, for 24050           12538         17964         Tension (side of Arm) Releaser Arm Pin           13218         17882         Feed Hand Ratchet Lever Pawl Sprin for 39997           14010         17938         Bed Frame Hinge Plate Rivet, for 399 Feed Wheel Friction Ring Screw Washer, for 14372           14174         17893         Starting Lever Spring Nos. 14372 to 14375, for 14376 and 228757           14372         17903         " Extension           14374         17903         " Extension           14374         17903         " Spring	12424         17964         Clamp Lifting Arm Connection Roller Cap Screw Washer, for 1901           12424         17893         Knife Bar Driving Lever (intermediate Roller Cap Screw Washer, for 1959           12424         17890         Oscillating Shaft Crank Slide Block Ca Screw Washer, for 24050           12538         17964         Tension (side of Arm) Releaser Arm Pin           13218         17882         Feed Hand Ratchet Lever Pawl Spring, for 39997           14010         17938         Bed Frame Hinge Plate Rivet, for 3991           14017         17883         Feed Wheel Friction Ring Screw Wash           14174         17893         Starting Lever Spring Nos. 14372 to 14375, for 14376 and 228757           14372         17903         " Extension           14374         17903         " Spring	12402	17965	" " Stud, for 39714
Cap Screw Washer, for 1901  12424 17893 Knife Bar Driving Lever (intermedia Roller Cap Screw Washer, for 1951  12424 17890 Oscillating Shaft Crank Slide Block C Screw Washer, for 24050  12538 17964 Tension (side of Arm) Releaser Arm Pin  13218 17882 Feed Hand Ratchet Lever Pawl Sprin for 39997  14010 17938 Bed Frame Hinge Plate Rivet, for 399  14017 17883 Feed Wheel Friction Ring Screw Washer, for 14372 to 14375, for 14376 and 228757  14372 17903 Treadle 14374 17903 "Extension  14374 17903 "Extension  14374 17903 "Spring	Cap Screw Washer, for 1901 12424 17893 Knife Bar Driving Lever (intermediate Roller Cap Screw Washer, for 1959 12424 17890 Oscillating Shaft Crank Slide Block Ca Screw Washer, for 24050 12538 17964 Tension (side of Arm) Releaser Arm Pin 13218 17882 Feed Hand Ratchet Lever Pawl Spring, for 39997 14010 17938 Feed Wheel Friction Ring Screw Wash 14017 17883 Feed Wheel Friction Ring Screw Wash 14174 17893 Starting Lever Spring Nos. 14372 to 14375, for 14376 and 228757 14372 17903 "Extension 14374 17903 "Extension 14374 17903 "Spring	12424	17964	
12424         17893         Knife Bar Driving Lever (intermedia Roller Cap Screw Washer, for 195           12424         17890         Oscillating Shaft Crank Slide Block C Screw Washer, for 24050           12538         17964         Tension (side of Arm) Releaser Arm Pin           13218         17882         Feed Hand Ratchet Lever Pawl Sprin for 3997           14010         17938         Bed Frame Hinge Plate Rivet, for 390           14017         17883         Feed Wheel Friction Ring Screw Was           14174         17893         Starting Lever Spring Nos. 14372 to 14375, for 14376 and 228757           14372         17903         Treadle 14373           14374         17903         " Extension           14374         17903         " Spring	12424         17893         Knife Bar Driving Lever (intermediate Roller Cap Screw Washer, for 1959)           12424         17890         Oscillating Shaft Crank Slide Block Ca Screw Washer, for 24050           12538         17964         Tension (side of Arm) Releaser Arm Pin           13218         17882         Feed Hand Ratchet Lever Pawl Spring, for 39997           14010         17938         Bed Frame Hinge Plate Rivet, for 3991           14017         17883         Feed Wheel Friction Ring Screw Wash           14174         17893         Starting Lever Spring           Nos. 14372 to 14375, for 14376 and 228757         Treadle           14373         17903         " Extension           14374         17903         " Extension           14374         17903         " Spring			Can Screw Washer for 1901
Roller Cap Screw Washer, for 195	Roller Cap Screw Washer, for 1959	10101	17003	Cap Serew Washer; for 1701
12424     17890     Oscillating Shaft Crank Slide Block C Screw Washer, for 24050       12538     17964     Tension (side of Arm) Releaser Arm Pin       13218     17882     Feed Hand Ratchet Lever Pawl Sprin for 39997       14010     17938     Bed Frame Hinge Plate Rivet, for 399 Feed Wheel Friction Ring Screw Washer       14174     17893     Starting Lever Spring Nos. 14372 to 14375, for 14376 and 228757       14372     17903     Treadle       14373     17903     " Extension       14374     17903     " Spring	12424         17890         Oscillating Shaft Crank Slide Block Ca Screw Washer, for 24050           12538         17964         Tension (side of Arm) Releaser Arm Pin           13218         17882         Feed Hand Ratchet Lever Pawl Spring, for 39997           14010         17938         Bed Frame Hinge Plate Rivet, for 3991           14017         17883         Feed Wheel Friction Ring Screw Wash           14174         17893         Starting Lever Spring Nos. 14372 to 14375, for 14376 and 228757           14372         17903         Treadle           14373         17903         " Extension           14374         17903         " Spring	12424	17893	Knile Bar Driving Lever (intermediate)
Screw Washer, for 24050  12538 17964 Tension (side of Arm) Releaser Arm Pin  13218 17882 Feed Hand Ratchet Lever Pawl Sprin for 39997  14010 17938 Bed Frame Hinge Plate Rivet, for 399  14017 17883 Feed Wheel Friction Ring Screw Was 14174 17893 Starting Lever Spring Nos. 14372 to 14375, for 14376 and 228757  14372 17903 Treadle 14373 17903 "Extension 14374 17903 "Spring	Screw Washer, for 24050			Roller Cap Screw Washer, for 1959
Screw Washer, for 24050  12538 17964 Tension (side of Arm) Releaser Arm Pin  13218 17882 Feed Hand Ratchet Lever Pawl Sprin for 39997  14010 17938 Bed Frame Hinge Plate Rivet, for 399  14017 17883 Feed Wheel Friction Ring Screw Was 14174 17893 Starting Lever Spring Nos. 14372 to 14375, for 14376 and 228757  14372 17903 Treadle 14373 17903 "Extension 14374 17903 "Spring	Screw Washer, for 24050	12424	17890	Oscillating Shaft Crank Slide Block Cap
12538   17964   Tension (side of Arm) Releaser Arm Pin	12538   17964   Tension (side of Arm) Releaser Arm Pin     13218   17882   Feed Hand Ratchet Lever Pawl Spring, for 39997     14010   17938   Bed Frame Hinge Plate Rivet, for 3991     14017   17883   Feed Wheel Friction Ring Screw Wash     14174   17893   Starting Lever Spring   Nos. 14372 to 14375, for 14376 and 228757     14372   17903   Teadle     14373   17903   Extension     14374   17903   Spring		,-	
Pin 13218 17882 Feed Hand Ratchet Lever Pawl Sprin for 39997 14010 17938 Bed Frame Hinge Plate Rivet, for 399 14017 17883 Feed Wheel Friction Ring Screw Was 14174 17893 Starting Lever Spring Nos. 14372 to 14375, for 14376 and 228757 14372 17903 Treadle 14373 17903 "Extension 14374 17903 "Spring	Pin 13218 17882 Feed Hand Ratchet Lever Pawl Spring, for 39997 14010 17938 Bed Frame Hinge Plate Rivet, for 3991 14017 17883 Feed Wheel Friction Ring Screw Wash 14174 17893 Starting Lever Spring Nos. 14372 to 14375, for 14376 and 228757 14372 17903 "Extension 14374 17903 "Spring	10620	17041	
13218 17882 Feed Hand Ratchet Lever Pawl Sprin for 39997 14010 17938 Bed Frame Hinge Plate Rivet, for 3991 14017 17883 Feed Wheel Friction Ring Screw Was 14174 17893 Starting Lever Spring Nos. 14372 to 14375, for 14376 and 228757 14372 17903 "Extension 14374 17903 "Spring	13218   17882   Feed Hand Ratchet Lever Pawl Spring, for 39997	12538	17904	
for 39997 14010 17938 Bed Frame Hinge Plate Rivet, for 399 14017 17883 Feed Wheel Friction Ring Screw Was 14174 17893 Starting Lever Spring Nos. 14372 to 14375, for 14376 and 228757 14372 17903 Treadle 14374 17903 "Extension 14374 17903 "Spring	for 39997 14010 17938 Bed Frame Hinge Plate Rivet, for 3991 14017 17883 Feed Wheel Friction Ring Screw Wash 14174 17893 Starting Lever Spring Nos. 14372 to 14375, for 14376 and 228757 14372 17903 Treadle 14373 17903 "Extension 14374 17903 "Spring			
for 39997 14010 17938 Bed Frame Hinge Plate Rivet, for 399 14017 17883 Feed Wheel Friction Ring Screw Was 14174 17893 Starting Lever Spring Nos. 14372 to 14375, for 14376 and 228757 14372 17903 Treadle 14373 17903 "Extension 14374 17903 "Spring	for 39997 14010 17938 Bed Frame Hinge Plate Rivet, for 3991 14017 17883 Feed Wheel Friction Ring Screw Wash 14174 17893 Starting Lever Spring Nos. 14372 to 14375, for 14376 and 228757 14372 17903 Treadle 14373 17903 "Extension 14374 17903 "Spring	13218	17882	Feed Hand Ratchet Lever Pawl Spring,
14010       17938       Bed Frame Hinge Plate Rivet, for 399         14017       17883       Feed Wheel Friction Ring Screw Was         14174       17893       Starting Lever Spring         Nos. 14372 to 14375, for 14376 and 228757         14372       17903       Treadle         14374       17903       Extension         14374       17903       Spring	14010     17938     Bed Frame Hinge Plate Rivet, for 3991       14017     17883     Feed Wheel Friction Ring Screw Wash       14174     17893     Starting Lever Spring       Nos. 14372 to 14375, for 14376 and 228757       14372     17903     Treadle       14374     17903     " Extension       14374     17903     " Spring			for 39997
14017     17883     Feed Wheel Friction Ring Screw Was       14174     17893     Starting Lever Spring       Nos. 14372 to 14375, for 14376 and 228757       14372     17903     Treadle       14374     17903     " Extension       14374     17903     " Spring	14017     17883     Feed Wheel Friction Ring Screw Wash       14174     17893     Starting Lever Spring       Nos. 14372 to 14375, for 14376 and 228757       14372     17903     Treadle       14374     17903     " Extension       14374     17903     " Spring	14.010	17039	
14174 17893 Starting Lever Spring Nos. 14372 to 14375, for 14376 and 228757 14372 17903 Treadle 14373 17903 "Extension 14374 17903 "Spring	14174 17893 Starting Lever Spring Nos. 14372 to 14375, for 14376 and 228757 14372 17903 Treadle 14373 17903 Extension 14374 17903 "Spring			
Nos. 14372 to 14375, for 14376 and 228757 14372 17903 Treadle 14373 17903 "Extension 14374 17903 "Spring	Nos. 14372 to 14375, for 14376 and 228757 14372 17903 Treadle 14373 17903 "Extension 14374 17903 "Spring			
Nos. 14372 to 14375, for 14376 and 228757 14372 17903 Treadle 14373 17903 "Extension 14374 17903 "Spring	Nos. 14372 to 14375, for 14376 and 228757 14372 17903 Treadle 14373 17903 "Extension 14374 17903 "Spring	14174	17893	Starting Lever Spring
14372 17903 Treadle 14373 17903 "Extension 14374 17903 "Spring	14372 17903 Treadle 14373 17903 " Extension 14374 17903 " Spring			
14373 17903 " Extension 14374 17903 " Spring	14373 17903 " Extension 14374 17903 " Spring	11,270		
14374 17903 "Spring	14374 17903 "Spring		•	
				331101131011
14375 17903 " Stand	14375 17903 " Stand	14374	17903	
		14375	17903	" Stand

No.	Plate	Name			No.	Plate	Name
14376	17903	Treadle complete, Nos. 2718R, 14372 to 14375, 17881, 50581R and two wood	•	•	23419	17966	Feed Rock Shaft complete, Nos. 23418 and 23420
		screws 1-1/4 in., No. 12, F. H., for 228355			23420	17966	Feed Rock Shaft Hinge Pin with 23421, for 23419
15072	17963	Barring Ratchet Pawl Spring Stop Pin, for 23558 and 23632			23421	17966	Feed Rock Shaft Hinge Pin Plug (leath- er) for 23420
15072	17971	Bobbin Winder Bobbin Position Pin, for 27538			23421	17966	Oscillating Rock Shaft Hinge Pin Oil Hole Plug (leather) for 23494
15098	17969	Shuttle Tension Spring, for 249599			23422	17966	Feed Rock Shaft Spring
15140	17969	" Bobbin Case Latch, for 15141			*23429		" Wheel Driving Lever Pitman Cap,
15141	17969	" " Hinge, Nos. 2973, 2974					for 249561
		and 15140, for 249599			23431	17882	Feed Wheel Shaft
16555	17938	Bed Frame Hinge Plate, for 39910			23432	17883	" Tripping Point, for 23698
17881	17903	Treadle Shaft, for 14376 and 228757					and 39552
19226	17938	Bed Frame Hinge Connection, for 19398			23433	17883	Feed Wheel Tripping Lever
19397	17938	" " " Cap, for			23435	17883	u u u Spring
		19398			23436	17902	Guide (back) for cuffs
19398	17938	Bed Frame Hinge Connection 19226 with	•	•	23437	17902	" (left) for cuffs
		211E and 19397, for 39910			23438	17902	" (right) for cuffs
19448	17890	Oscillating Shaft Crank Slide Block, for			23439	17902	" (left) for collars
		24050			23440	17902	" (right) for collars
20197	17966	Crank Connecting Rod with 20198,125044	•	•	23441	17902	" (corner) for collars
		and two 896AL			23445	17967	Knife, 3/8 inch
*20198		Crank Connecting Rod Cap, for 20197			23446	17967	" 7/16 inch
21327	17903	Knee Starting Rock Shaft Hanger with			23447	17967	" 1/2 inch
		two wood screws 1 in., No. 10, for			23448	17967	" 9/16 inch
		228339			23449	17967	" 5/8 inch
21643	17893	Starting Lever Belt Shifter			23450	17967	" 11/16 inch
21651	17893	Stop Cam Interlocking Rod Spring			23451	17967	" 3/4 inch
21654	17970	Wrench, for 1508 and 1638			23452	17967	" 13/16 inch
21699	17886	Thread (upper) Cutting Blade Position			23453	17967	" 7/8 inch
		Pin, for 40049			23454	17967	" 15/16 inch " Linch
23250	18261	Treadle Bolt Washer, for 46709	•	•	23455	17967	111011
23352	17890	Arm Shaft			23460	17967	Dui
23361	17963	Barring Ratchet Pawl			23461	17967	" " Connecting Link " " Stud with 1319F
23362 23364	17963 17963	" " Spring " Retaining Pawl Spring			23462 23464	17967 17967	" Disengaging Lever Catch with
	17963	" Wheel Tripping Point	*	-	23404	11901	1963
23367 23370	17965	" Tripping Lever			23465	17967	Knife Bar Disengaging Lever Catch
23379	17885	Clamp Arm Hinge Block			43403	17901	Bracket
23380	17885	" " " Pin			23466	17882	Knife Bar Disengaging Lever Catch
23384	17882	" Carrier Connecting Rod			23400	17002	Tripping Point
23389	17963	Needle Bar Frame Bell Crank Roller			23467	17882	Knife Bar Disengaging Lever Catch
23307	1,,05	Cap Screw Washer, for 1956			23301	11002	Tripping Point Collar with two 448AL
23390	17967	Knife Screw Washer			23468	17967	Knife Bar Disengaging Lever Catch
23392		Clamp Carrier Slide Guide (left)			25100	-1701	Spring
23393		" " (right)			23469	17967	Knife Bar Driving Lever
23394		" Lever with 1960			23470	17967	" " " (intermediate)
23395		" " Regulator			23471	17967	H H H H
23396		и и и и Сар				,-,	Connecting Link
23397		" " Regulating Stud			23473	17967	Knife Holder
		Bushing			23476	17968	Needle Bar Connecting Link with 794E
23404	17885	Clamp Spring			23477	17890	" " Crank with 858AL, 1036AL,
23407		Feed Connecting Rod (lower)	,	,4			1065AL and 1258AL
23408	17966	" " (upper) with 202277			23478	17968	Needle Bar Frame with 4784
	-	and two 966E			23483	17963	" " " Connection Spring
23409	17966	Feed Disengaging Lever			23484	17963	n n n n n Hook
23412		" Eccentric with 448AL	•	•		•	
23418		" Rock Shaft, for 23419					ť

No.	Plate	Name			No.	Plate	Name
23491 23494	17968 17966	Needle Bar Frame Regulator, for 39900	r	•	23610	17968	Needle Bar Frame Pitman (hinge screw end) for 23611
		Oscillating Rock Shaft Hinge Pin with 23421, for 39654			23611	17968	Needle Bar Frame Pitman (adjustable)
23500	17969	Shuttle Bobbin, for 262048					complete, Nos. 23609, 23610, two each
23503	17969	" Body, for 262048			92/29	15005	190C and 7071
23505	17890	" Driver with 462AL			23632	17907	Needle Bar Frame Bell Crank with 1956
23510	17893	Starting Lever Bracket					and 15072, in place of 23558, for Ma- chine No.71-31
23511 23514	17893	1,54			23664	17963	Barring Ratchet Wheel
43514	17893	Stop Cam Interlocking Rod Guide with 1070C and 1959			23665	17963	" " Spring
23515	17890	Stop Cam Spring (long)			23666	17963	" " Washer
23516	17890	" " (short).			23667	17963	Needle Bar Frame Bell Crank Stud
23518	17882	" Lever			23669	17896	Tension (side of Arm) Thread Guard
23519	17896	Tension (side of Arm) Releaser Arm			23681	17967	Knife Bar Driving Lever Spring
		with 200AL			23693	17885	Clamp Spring Bushing
23520	17896	Tension (side of Arm) Releaser Shaft			23698	17883	Feed Wheel with 23432 and two 220D,
23523	17968	Thread Take-up Crank					for wide hight and wide cutting space,
23524	17968	" Lever, for 262043			91.61.7	17000	for overall work, etc.
23526	17896	" Spring Regulator, for			24047	17890	Oscillating Shaft Bushing (front)
23527	17938	249567			24050	17890	Oscillating Shaft Crank Slide Block complete, Nos. 226J, 1035C, 12424
23321	11730	Drip Pan with two wood screws 1/2 in., No.5, R.H.B.	•	*			and 19448, for 39658
23530	17970	Gauge, for 1/4 to 1 in., for setting			*24081		Arm Shaft Bushing (front) for 39602
23330	1.,,,	length of buttonhole			24106	17938	Bed Frame Cushion (felt) for 39910
23535	17970	Wrench, for 1671, for regulating length			26485	17970	Screw Driver (Shuttle Tension)
		of buttonhole			27302	17971	Bobbin Winder Frame, for 27923
23544	17963	Barring Ratchet Retaining Pawl (hinge screw end) for 23546			27538	17971	"
23545	17963	Barring Ratchet Retaining Pawl (wheel			27739	13537	Thread Unwinder Thread Cone (wood)
		end) for 23546			*27849		Bobbin Winder Spindle, for 27538
23546	17963	Barring Ratchet Retaining Pawl (ad-			*27850		" Collar, for 27538
		justable) complete, Nos. 203C, 23544 and 23545			27914	17971	"
23549	17902	Guide, for shirt bosoms			27915	17971	Bobbin Winder Base Plate, for 262054
23551	17903	Clamp Lifting Chain Hook Screw Eye,			27916	17971	" " Brake (leather) for 27914
		for 228355 and 228496			05015		27917 to 27919, for 27923
99559		23552 to 23554, for 23555	•		27917	17971	Bobbin Winder Frame Spring
23552	17883	Feed Wheel Friction Ring Section (long)			27918 27919	17971 17971	" " Pulley " Stop Latch
23553 23554	17883 17883	" " (short) " Spring			27922	17971	" " Thread Eyelet Rod, for
23555	17883	Feed Wheel Friction Ring complete, Nos.			21,722	1.,	262053
20000	2.005	23552 to 23554			27923	17971	Bobbin Winder, Nos. 35D, 1620J, 27302,
23557	17966	Feed Disengaging Lever Spring					27538, 27914, 27917 to 27919 and
23558	17963	Needle Bar Frame Bell Crank with 1956					50356D, for 262054
		and 15072, for Machine No. 71-30			28084	17971	Bobbin Winder Brake Rivet, for 27914
23562	17882	Barring Cam with two 858AL	•		32012	17965	Tension (top cover) Disc
23563	17963	" Lever			32572	17965	" " Releasing Disc
23564	17963	" Catch with 1226C			39504	17883	Feed Wheel Retaining Clutch Cap Screw
23565	17963	Spi mg			39523	17882	Washer Feed Hand Ratchet Lever Pawl Point,
23566 23567	17963 17886				37323	11004	for 39996
23573	17885	Clamp Arm " Plate Support			39532	17882	Clamp Carrier Regulator Stud Sleeve
23574	17885	" Post			39538	17881	Bed Oil Guard
23587	17883	Feed Wheel Tripping Lever Point	3		39541	17885	Clamp Arm Bracket Screw Washer
23606	17967	Knife Bar Disengaging Lever Spring			39541	17964	" Lifting Arm Connection Roller
23606	17886	Thread (upper) Cutting Blade Connect-					and Screw Stud Bracket Screw Washer
		ing Rod Spring			39544	17881	Clamp Carrier Regulator Slide
23609	17968	Needle Bar Frame Pitman (regulator	•	•	39552		Feed Wheel with 23432 and two 220D
		end) for 23611					

No.	Plate	Name
	Nos.	39910 to 39912, for 39913
39910	17938	Bed Frame with two each 16555, 19398, four each 84E, 24106, six 14010 and
		four wood screws 1-1/4 in., No. 12
39911	17938	Splash Guard with 201655X
39912	17938	" Hinge
39913	17938	Bed Frame and Splash Guard complete, Nos. 39910, 39911, two 39912 and eight
	/1	200574E
39921	17964	Thread (lower) Cutting Lever Extension
39924	17882	Feed Hand Ratchet Wheel with 460AL
39926	17963	Needle Bar Frame Connection 39622 with 78C and 1226E, for Machine No. 71-30
39927	17890	Pulley 40024 with 40025
39966	17963	Needle Bar Frame Cam and Bevel Gear
39967	17890	" " Driving Bevel Pinion
37701	17670	with two 453AL
39969	17969	Shuttle Race Back, for 249596
39988	17893	Stop Cam Interlocking Rod Guide Washer (nylon)
39994	17882	Feed Hand Ratchet Lever, for 39997
39995	17882	" " Pawl Body, for
		39996
39996	17882	Feed Hand Ratchet Lever Pawl complete, Nos. 207E, 39523, 39995 and two 1049E, for 39997
39997	17882	Feed Hand Ratchet Lever complete, Nos. 90D, 13218, 39994 and 39996
40003	17885	Clamp Arm Bracket Guide (left)
40004	17885	" " (right)
40005	17884	" Carrier
40006	17882	" " Block with 40007 and four 404D
40007	17882	Clamp Carrier Block Plate, for 40006
40010	17882	" Regulator with 240D, 1960 and 39583
40014	17886	Clamp Lifting Arm
40015	17964	" " " Connection
40016	17964	" " " Roller and
	/ 1	Screw Stud Bracket
40018	17964	Clamp Lifting Arm Stop Bracket
40019	17964	1 Idilali
40020	17885	1 late
40024	17890	Pulley (tight) for 39927
40025	17890	" Pin, for 39927
40033	17964	Tension (side of Arm) Releaser Arm with 50128E
40034	17896	Tension (side of Arm) Releaser Shaft Crank
40035	17884	Thread (lower) Cutting Blade
40036	17884	" " " Carrier
		with 40038
40037	17964	Thread (lower) Cutting Blade Carrier Lever
40038	17884	Thread (lower) Cutting Blade Carrier Stud, for 40036
40043	17886	Thread (upper) Cutting Blade Connect- ing Rod Collar (back) with 209AL

No.	Plate	Name
40044	17886	Thread (upper) Cutting Blade Connect-
		ing Rod Collar (front) with 237X
40045	17886	Thread (upper) Cutting Blade Connect-
		ing Rod Collar (front) Washer (raw-
		hide)
40047	17886	Thread (upper) Cutting Blade Connect-
20021	1,000	ing Rod Spring Collar with 646F
	Noe	40048 to 40050, for 39693 and 39694
40048	17886	Thread (upper) Clamping Blade
40049	17886	" Cutting Blade Shaft with
40049	11000	21699, also for 39732
LOGEO	17886	Thread (upper) Cutting Blade Shaft Crank
40050	11000	with 906C, also for 39732
Loost	17041	Thread (upper) Cutting Lever with 641C
40051	17964	" " Lock Pin
40052	17964	11 11 11 11 11
40053	17964	
1 1	/	Spring
40054	17964	Thread (upper) Cutting Lever Shaft
40057	17964	Crank
		Latch
40058	17964	Thread (upper) Cutting Lever Shaft Crank
		Latch Spring
40059	17964	Thread (upper) Cutting Lever Shaft Crank
		Latch Stop Pin, for 39612
40060	17964	Thread (upper) Cutting Lever Spring
40067	17964	" Shaft
		Bracket
41828	17971	Bobbin Winder Spindle Collar Pin, for
		27538
46709	18261	Treadle Bolt 51074R with 23250 and
		67425, for 228757
50088C	17883	Feed Wheel Driving Lever Pitman Ball
		Joint Screw, for 249561
50128E	17964	Tension (side of Arm) Releaser Arm
		Set Screw, for 40033
50138F	17901	Clamp Check Section and Cutting Plate
	•	Screw, for 39731
50356D	17971	Bobbin Winder Frame Hinge Screw, for
•		27923
50581R	17903	Treadle Extension Screw, for 14376
3030	,	and 228757
50615D	17967	Knife Bar Stop Retainer Plate Screw
51074R	18261	Treadle Bolt, for 46709
58384	17893	Starting Lever Screw Center 564C with
20204	1.0/3	1508R
60913	13537	Thread Unwinder Spool Weight with
00713	15551	60914
60914	13537	Thread Unwinder Spool Weight Center
00714	77771	Pin, for 60913
67425	18261	Treadle Bolt Lock Washer, for 46709
		Oiler (copper plated) with 120347
120346	17970	" Spout (8-1/2 in. long) for 120346
120347	17970	Crank Connecting Rod Oil Packing
125044	17966	
10/010	17000	(felt) for 20197
126910	17903	Belt Idler Pulley Bracket Shaft, for
110010-	18000	228328
140219C	17903	Knee Starting Rock Shaft Stop Dog Set
		Screw, for 2770

No.	Plate	Name
150203	13537	Thread Unwinder Spool Rest Cushion (felt) for 228776
150668	17903	Knee Starting Rock Shaft Knee Plate
200543XC	17964	Pad (rubber) for 228339 Clamp Lifting Arm Stop Screw, for 262045
200574E	17938	Splash Guard Hinge Screw, for 39913
200584D	17890	Pulley (loose) Grease Retaining Screw, for 249538
201254C	13537	Thread Unwinder Spool Rest Set Screw, for 228766
201528F	17968	Thread Take-up Lever Adjusting Screw Nut, for 262043
201537X	17964	Clamp Lifting Arm Stop Screw Nut, for 262045
201655X	17938	Splash Guard Locking Screw Wing Nut, for 39911
201724X	17883	Feed Wheel Driving Lever Regulating Stud Thumb Nut, for 249560
201739E	17965	Tension (top cover) Screw Stud Lock Nut
201897	17883	Feed Wheel Clutch Roller, for 249562
202277	17966	" Connecting Rod (upper) Oil Pack- ing (wick) for 23408
202330	17890	Stop Cam Oil Packing (wick) for 39628
203100	17903	Belt Idler Pulley Shaft Oil Packing (wick) for 228326
213949	17963	Barring Lever Catch Spring Screw Washer
222598	17968	Thread Take-up Lever Link Hinge Pin Oil Packing (wick) for 249915
225390	13537	Thread Unwinder Thread Cone Holder
228320	17903	Bed Frame Cushion (felt) for 228355 and 228496
228321	17903	Belt Idler Belt Guide with 361C, for 228328
228323	17903	Belt Idler Pulley Bracket with three 355C, for 228328
228324	17903	Belt Idler Pulley Bracket Shaft Hanger with two 355C and three wood screws
		l in., No.12, for 228328
228326	17903	Belt Idler Pulley Shaft with 858AL and 203100, for 228328
228327	17903	Belt Idler Pulley Washer (rawhide) for 228328
		28328 to 228331, for 228355
228328	17903	Belt Idler complete, Nos. 126910, 228324, two each 228321, 228323, 228326,
228329	17903	228481, four 228327 and Form A1127 Clamp Lifting Chain, 34 in.long, with 39575 and 39576 (for left hand ma-
228330	17903	chine) Clamp Lifting Chain, 46 in. long, with 39575 and 39576 (for right hand ma-
228331	17903	chine) also for 228496 Front Plank Extension with two wood
228332	17903	screws 2-1/2 in., No. 14 Knee Starting Rock Shaft Connecting
		Rod, for 228339

No.	Plate	Name
228333	17903	Knee Starting Rock Shaft Connection Cushion Spring, for 228335
228333	18261	Starting Chain Cushion Spring, for 228349
228334	17903	Knee Starting Rock Shaft Connection Spring, for 228335
228335	17903	Knee Starting Rock Shaft Connection complete, Nos. 39575, 39576, 228333 and 228334, for 228339
228337	17903	Knee Starting Rock Shaft Position Spring, for 228339
228338	17903	Knee Starting Rock Shaft Position Spring Adjusting Collar with 454AL, for 228339
228339	17903	Knee Starting Rock Shaft complete, Nos. 2770, 6336, 6337, 39810, 150668, 228332, 228335, 228337, 228338 and two 21327, for 228355
228347	18261	Starting Chain (lower) 10-1/2 in.long, for 228349
228348	18261	Starting Chain (upper) 27 in. long, for 228349
<b>22</b> 8349	18261	Starting Chain complete, Nos. 228333, 228347, 228348, two each 39575 and 39576, for 228496
228355	17903	Driving Equipment, less shaft pulley (for machines set in pairs) com- plete, Nos. 228329 to 228331, 228495, 236850, 250408, two each 14376, 23551, 228328, 228339, eight 228320 and two blue prints
228481	17903	Belt Idler Pulley with 228482, for 228328
228482	17903	Belt Idler Pulley Bushing (bronze, oil- less bearing) for 228481
228494	17903	Clamp Lifting Chain Guide Pulley (small) for 228495
228494	18261	Starting Chain Guide Pulley (small) for 228495
228495	17903	Clamp Lifting Chain Guide Pulley Bracket (small) complete, Nos. 1064D, 228494, 236849 and two wood screws 1-1/4 in., No. 12, R. H. B., for 228355
228495	18261	Starting Chain Guide Pulley Bracket (small) complete, Nos. 1064D, 228494 236849 and two wood screws 1-1/4 in., No. 12, R, H. B., for 228496
228496	18261	Driving Equipment complete, for Motor Drive (without use of belt idlers) for use with Table 205295 and Stand No. 46998, Nos. 228330, 228349, 228495, 228500, 250408, two each 23551, 228757, three 236850 and four 228320
228500	18261	Table Extension with two wood screws 2-1/2 in., No. 12, for 228496
228757	18261	Treadle complete, Nos. 2718R, 14372 to 14375, 17881, 50581R and two 46709, for 228496

No.	Plate	Name
228764	13537	Thread Unwinder Spool Pin, for 228776
		28766 to 228770, for 228776
228766	13537	Thread Unwinder Spool Rest (for two spools) (flat) with 201254C
228767	13537	Thread Unwinder Spool Rest Rod
228768	13537	" " Stand
228769	13537	" Thread Guide
228770	13537	" " " Holder (for
		one or two guides)
228774	13537	Thread Unwinder Thread Guide Rod, for 228776
228776	13537	Thread Unwinder (for two spools) com- plete, Nos. 228766 to 228768, 228770, 228774, two each 150203, 228764, 228769 and three wood screws 7/8 in., No. 12
232600	17882	Feed Hand Ratchet Lever Collar with two 453AL
232982	17903	Machine Rest Cushion (leather) for 250408
236849	17903	Clamp Lifting Chain Guide Pulley Bracket, for 228495 and 236850
236849	18261	Starting Chain Guide Pulley Bracket, for 228495 and 236850
236850	18261	Clamp Lifting Chain Guide Pulley Bracket complete, Nos. 1064D, 39571, 236849 and two wood screws 1-1/4
236850	17903	in., No. 12, R. H. B., for 228496 Clamp Lifting Chain Guide Pulley Bracket (large) complete, Nos. 1064D, 39571, 236849 and two wood screws 1-1/4 in., No. 12, R. H. B., for 228355
236850	18261	Starting Chain Guide Pulley Bracket (large) complete, Nos. 1064D, 39571, 236849 and two wood screws 1-1/4 in., No. 12, R. H. B., for 228496
249534	17964	Thread (lower) Cutting Blade Carrier Lever Spring
*249538		Pulley (loose) with 200584D, for 249540
249539	17890	" " Bushing, for 249540
249540	17890	Pulley (loose, ball bearing) complete, Nos. 249538, 249539 and 249891
249541	17890	Pulley (tight) Counter Balance, for 249543
249542	17890	Pulley (tight) Counter Balance Rivet, for 249543
249543	17890	Stop Cam Spring Cover with 249541, two each 9780 and 249542
249544	17967	Knife Bar Stop
249545	17967	" " Retainer Plate
249546	17969	Shuttle Bobbin Case Position Plate, for 249596
249549	17883	Feed Wheel Clutch Roller Carrier, for 249562
249550	17883	Feed Wheel Clutch Roller Carrier Oil- ing Felt, for 249562
249555	17883	Feed Wheel Clutch Disc, for 249562

No.	Plate	Name
	Nos.	349556 to 249559, for 249560
249556	17883	Feed Wheel Clutch Disc Locking Plate
2-7330	1.005	with 350415C
249557	17883	Feed Wheel Driving Lever Plate
	17883	" " Washer (felt)
249558		" Retaining Clutch
249559	17883	Ketaming Grasen
249560		Feed Wheel Clutch (positive) complete,
		for machines equipped with spring
		clutch, Nos. 52C, 201724X, 249556 to
		249559, 249561, 249562, 249820 and
		Form 2461w
249561	17883	Feed Wheel Driving Lever Pitman with
,		23429, 50088C and two 196E, for
		249560
249562	17883	Feed Wheel Clutch Disc 249555 with
449304	11003	249549, 249550, 249589, three each
		185X, 201897, 255096 and 255097,
		for 249560
249567	17896	Tension (side of Arm) complete, Nos.
		413C, 1560C, 7335, 8238, 23526 and
		two 2102
249589	17883	Feed Wheel Driving Lever, for 249562
	Nos.	249593 to 249595, for 249596
249593	17969	Shuttle Race
249594	17969	" Plate
249595	17969	" Position Pin
249596	17969	Shuttle Race complete, Nos. 907E, 2533,
247370	11,0,	7326, 39969, 249546, 249593, 249594,
		two each 399D, 452C, 662D, 2532,
		249595, 249928 and three 203E
*249597		Shuttle Bobbin Case, for 249599
249599	17969	Shuttle Bobbin Case complete, Nos. 591F,
		592E, 2975, 15098, 15141, and 249597,
		for 262048
249600	17963	Needle Bar Frame Connection Stud
		(eccentric) for Machine No. 71-30
249631	17881	Face Plate
249656	17967	Knife Bar Disengaging Lever with 1242E
249692	17896	Thread (upper) Guide
249693	17971	Bobbin Winder Thread Leader, for
247073	11711	262053
01.0721.	17002	
249734	17902	Guide, for shirt bands
249737	17967	Knife Bar Spring Clamp Check Holder Adjusting Screw
249749	17901	
		Friction Plate
249753	17885	Clamp Carrier Plate
249820	17970	Wrench, for 249560 and 350415
249831	17964	Thread (lower) Cutting Lever
249845	17884	" Pull-off Finger
249891	17890	Pulley (loose) Ball Bearing, for 249540
249915	17968	Thread Take-up Lever Link Hinge Pin
-1,,-3	,	with 222598
249928	17969	Shuttle Race Oil Packing (felt) for
247720	11,0,	249596
250408	17903	Machine Rest (high) with 232982 and
490408	11903	two wood screws 1 in., No. 12, for
	1000	228355 and 228496
255096	17883	Feed Wheel Clutch Roller Spring, for
		249562

No.	Plate	Name
255097	17883	Feed Wheel Clutch Roller Spring Guide, for 249562
259477	17970	Screw Driver (machine, small)
262034	17971	Bobbin Winder Tension Bracket with 452AL, for 262053
262041	17907	Needle Bar Frame Connection 39643 with 78C and 1226E, in place of 39926, for Machine No. 71-31
262042	17968	Thread Take-up Lever Link, for 262043
262043	17968	Thread Take-up Lever complete, Nos. 23524, 201528F, 262042 and 350553C
262044	17966	Oscillating Rock Shaft Oil Pad, for 39654
262045	17964	Clamp Lifting Arm Stop with 200543XC and 201537X
262048	17969	Shuttle, 1-11/16 in. diam., Nos. 23500, 23503 and 249599
262053	17971	Bobbin Winder Tension Bracket with Rod complete, Nos. 1620J, 5989, 10145, 27922, 249693 and 262034, for 262054
262054	17971	Bobbin Winder (swinging automatic, right hand) complete, Nos. 27915, 27923, 262053 and two 389F
350076C	17882	Clamp Carrier Regulator Stud (to reg- ulate length of buttonhole)
350237C	17883	Feed Wheel Tripping Lever Hinge Screw
350281C	17967	Knife Bar Driving Lever Hinge Screw
350415C	17883	Feed Wheel Clutch Disc Locking Plate Screw. for 249556
350553C	17968	Thread Take-up Lever Adjusting Screw, for 262043
350554C	17965	Tension (top cover) Screw Stud

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