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## LIST of PARTS



# MACHINES Nos. 147-30 and 147-31

THE SINGER MANUFACTURING COMPANY

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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 in every case the number of the single part only.

Every combination of parts sent out as such has its specific number, which, although not stamped on the parts, 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 B—Polished, Nickel Plated and Buffed

-Hardened Only D-Polished Only

E—Soft, Not Polished F—Hardened and Polished

H-Blued

J-Nickel Plated Only

K-Hardened and Nickel Plated

L—Brass Plated M—Oxidized

N—Japanned, Dull P—Japanned, Bright

R—Merlized T—Copper Plated

T. A.—Hardened, Polished, Copper and Nickel Plated and Buffed.

and Bulled.
T. B.—Copper and Nickel Plated and Polished.
T. J.—Copper and Nickel Plated Only.
T. K.—Hardened, Copper and Nickel Plated.
T. M.—Copper Plated and Oxidized.
T. L.—Copper and Brass Plated.
U—Zinc Plated
V—Silver Plated
W—Polished and Nickel Plated
Z—Chromium Plated

Z—Chromium Plated
Z. B.—Polished, Nickel Plated, Buffed and Chromium Plated Z. J.—Nickel and 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 and 50001 to 51500 are Screw Numbers. 1501 to 1800 and 51501 to 51800 are Nut Numbers. 1801 to 2000 and 51801 to 52000 are Roller Numbers. 2001 to 50000 and 52001 and upward are numbers of Machine Parts.

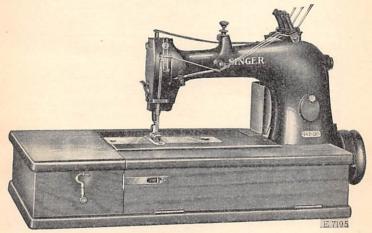
The figures in the second column refer only to the plates, illustrating the parts, and are NOT TO BE USED in ordering.

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

When ordering parts which differ as to Gauge (the distance between seams) the Gauge, as well as the Number must be given on order.

#### LIST OF PARTS COMPLETE

FOR



#### MACHINE No. 147-30

FOR GENERAL WORK IN FABRICS WHERE THREE-LINE STITCHING IS DESIRED. THREE NEEDLES AND THREE LOOPERS, FOR LAP SEAM FELLING. GAUGES FROM  $\frac{3}{32}$  IN. TO  $\frac{3}{16}$  IN. BETWEEN EACH NEEDLE. SPEED UP TO 3500, ACCORDING TO THE MATERIAL BEING STITCHED.

NO.	PLATE				NAME	
*54001		Arm,	upper	and	lower (s	solid) with 948p
		an	1 5403	4		
42366	8901	Arm	Oil Pa	ad (b	raided co	otton) for oiling
		Ar	m Roc	k Sha	aft Front	Bearing
56006	8901	Arm	Oil Pa	ad (b	raided co	otton) for oiling
		Ar	m Roc	k Sha	aft Intern	mediate Bearing.
56003	8985	Arm	Oil Tu	be wi	th 52045	, for oiling 54326
52045	8901	**	" "	· Pa	acking (b	raided cotton)
54002	8902	"	Rock	Shaft		
54079		"	"	"	54002 w	ith 54004, 54005
		an	d 6425	$5\dots$		
64386	8901					; (back)
4460	8901	"	"	"	"	" Set Screw
64388	8901	"	"	"	* "	(intermediate)
4230	8901	44	"	"	"	u
		Se	t Seres	V		CONTROL OF THE CONTRO

NO. PLATE	NAME
52045 8901	Arm Rock Shaft Bushing Oil Pad (braided
3002	cotton)
54004 8901	Arm Rock Shaft Collar with two 453c
453c 8901	" " Set Screw
54005 8901	" " Crank (back) with two
	50083c
50083c 8901	Arm Rock Shaft Crank (back) Set Screw,
64255 8911	" " (front) with 453c
2117 8901	" " " Pin
453c 8901	" " Set Screw
54105 8901	" " Flanged Bushing (front)
52045 8901	
	Oil Pad (braided cotton)
453c 8901	Arm Rock Shaft Flanged Bushing (front)
	Set Screw
*54006 9880	Arm Rotary Shaft
Note: W	Then No. 54006 is required for repairs, the
	Driving Shaft and Feed Lifting Eccentric
	be returned to the factory to be
	adjusted to the new part.
54384	Arm Rotary Shaft 54006 with 640p, 54008,
	54088, 54113, 54383, 64351 and 64355.
54367 8985	Arm Rotary Shaft Bushing (front)
52045 8901	" " " Oil Pad
	(braided cotton)
51131E 9872	Arm Rotary Shaft Bushing (front) Set
	Screw
54007 8902	Arm Rotary Shaft Bushing (intermediate)
54089 ——	" " " " " " " " " " " " " " " " " " "
4.00	54007 with 64508 and 64805
64508 8902	Arm Rotary Shaft Bushing (intermediate)
0.400 = 0.00 =	Oil Pad, long (braided cotton)
64805 8985	Arm Rotary Shaft Bushing (intermediate)
422c 8901	Oil Pad, short (braided cotton)
4220 8901	Arm Rotary Shaft Bushing (intermediate) Set Screw (long)
50084c 9872	Arm Rotary Shaft Bushing (intermediate)
000010 0012	Set Screw (short)
54008 8901	Arm Rotary Shaft Collar with three 1259c
1259c 8958	" " Set Screw
54009 8902	" " Flanged Bushing
54090	" " " " 54009
	with 58039 and 64805
58039 8902	Arm Rotary Shaft Flanged Bushing Oil
	Pad, long (braided cotton)

NO. PLATE	NAME
64805 8985	Arm Rotary Shaft Flanged Bushing Oil
	Pad, short (braided cotton)
159F 8901	Arm Rotary Shaft Flanged Bushing Screw
49013 8904	" " Front Bearing Oil Pad
	(braided cotton)
144р 8901	Arm Rotary Shaft Screw
15196 8902	" Side Cover (back)
286р 8904	" " " Thumb Screw
54010 8904	" " " (front)
286р 8904	" " " Thumb Screw
64259 9874	Balance Wheel with two 430c
430c 8904	" Set Screw
54011 9880	Cloth Plate
54012 8902	" " Slide (left)
38419 8904	" " Spring
7251 8904	" " " Screw
54013 —	Cloth Plate Slide (left) complete, Nos.
94019	20410 54012 and two 725.
54055 9874	38419, 54012, and two 7251
54057 9874	" " " 54058
	" " " Spring
38419 8904	Spring
7251 8904	ocrew
54056	Cloth Plate Slide (right) complete for
	54059, Nos. 38419, 54055 and two 7251
54058	Cloth Plate Slide (right) complete for
Name and the second	54060, Nos. 38419, 54057 and two 7251
68192 ——	Cloth Plate Slide (right) complete for
	68267, Nos. 38419, 68191 and two 7251
54059	Cloth Plate complete, for $\frac{3}{32}$ in. and $\frac{7}{64}$ in.
	gauges, for 68010, Nos. 54011, 54013
	and 54056
54060	Cloth Plate complete, for 1/8 in. and $\frac{9}{64}$ in.
	gauges, for 68010, Nos. 54011, 54013
	and 54058
68267	
08207 —	Cloth Plate complete, for $\frac{5}{32}$ in. to $\frac{3}{16}$ in. gauges, for 68073, Nos. 54011, 54013
	and 68192
1011F 8904	Cloth Plate Screw (left)
50473F 8904	" " (right)
54104 9880	" " Thread Guard
1235р 9872	" " " Screw
54017 8902	Crank Connecting Rod with 6575, 54018,
	54218, 54897, 57222 and two each 896E
	and 1057E
54088	Crank Connecting Rod 54017 with 50069c
50069c 8904	" " Ball Screw Stud

NO. PLATE	NAME
1516E 8904	Crank Connecting Rod Ball Screw Stud
	Nut.
64268 8904	Crank Connecting Rod Ball Screw Stud
	Nut Washer
*57222	Crank Connecting Rod Cap (lower)
896E 8904	Belew
*54018	" " (upper)
1057E 8904	belew
54897 8904	" " Oil Cup " " Pad (braided
54218 8904	rad (blaided
	cotton)
6575 8904	Crank Connecting Rod Oil Pad Stop Pin
54486 9874	Face Plate
46111 8911	FIII
286р 8904	Thumb belew
54487 9871	Tiffeau Guaru
236р 9872	DCICW
54488 9874	Feed Bar with 50429c and two 453c
54020 8902	Connection
57225 8904	ninge rin
453c 8901	Set Sciew
54111 8902	Connecting from with 1057E, 54112
	and two 896E
54113	Feed Connecting Rod 54111 with 54025
*54112	" " Cap
896E 8904	Screw
1057E 8904	Clamping Screw
54023 8911	" " Hinge Pin " " Collar
21506 - 8904	
	with 457c
457c 8904	Feed Connecting Rod Hinge Pin Collar
	Set Screw
54489 9875	Feed Dog, 22 teeth (14 teeth to the inch)
	for 68010
68072 9875	Feed Dog, 14 teeth (19 teeth to the inch)
	for 68073
Note	:: When ordering No. 54489 or 68072
NOTE	state gauge required.
	state gauge required.
157w 8904	Feed Dog Screw
50429c 8904	" " Stop Screw
*54024	" Eccentric
*23729	" " Body
51061c 8958	" " Set Screw
7071 8904	Clamping wasner
217р 8904	" " Screw

NO	PLATE	NAME
54025	8985	Feed Eccentric (adjustable) complete,
04020	0900	Nos. 217p, 1103c, 7071, 23729, 54024
		and two 51061c
1103	c 8904	Feed Regulating Screw.
54026	9873	" Rocking Frame with two 453c
68022	9010	" " 54026 with 21506,
00022		54020, 54023, 54488 and 57225
57234	8911	Feed Rocking Frame Hinge Pin
57235	8985	" " " Bushing
453		" " " " " "
4000	0 0901	Set Screw
453	c 8901	Feed Rocking Frame Hinge Pin Set Screw
54490	9869	Looper (back) closed eve
1147	and the same of th	" Set Screw
54491	9869	" (front) closed eye
	D 8958	" Screw (left)
	D 9872	" " (right)
54492	9869	" (intermediate) closed eye
68015	9009	" " 54492 with 229p,
00010		1302p and 54491
1120	c 8958	Looper (intermediate) Set Screw
54027	9869	" Carrier with two 171p
171		" Adjusting Screw
54227	9869	" " Connection
54228		" " Shaft
54228		" " Bushing
	c 8901	" " " " "
440	0 9901	Set Screw
49013	8904	Looper Carrier Connection Shaft Oil Pad
49019	0904	(braided cotton)
54230	9869	Looper Carrier Driver with 54032 and
04200	9009	four 175E
*54032		Looper Carrier Driver Cap
	E 8958	" " Screw
*54368	8961	" Driving Shaft and Feed Lifting
01000	0001	Eccentric with 227p and two 64315
No		Then No. 54368 is required for repairs the
		Rotary Shaft must be returned to the
	Tac	tory to be adjusted to the new part.
54383		Looper Driving Shaft and Feed Lifting
		Eccentric 54368 with 54027, 54227,
		54228 and 54230
*54034		Looper Driving Shaft and Feed Lifting
		Eccentric Bracket with 761E
54080	9876	Looper Driving Shaft and Feed Lifting
		Eccentric Bracket Bushing

NO.	PLATE	NAME
761E	8901	Looper Driving Shaft and Feed Lifting
. 0213	0002	Eccentric Bracket Bushing Set Screw.
948p	8958	Looper Driving Shaft and Feed Lifting
0100	0000	Eccentric Bracket Screw
64315	9870	Looper Driving Shaft and Feed Lifting
01010	3010	Eccentric Bracket Oil Hole Plug
997n	8958	Looper Driving Shaft and Feed Lifting
2210	0000	Eccentric Bracket Oil Hole Screw
40326	8961	Looper Driving Shaft and Feed Lifting
40520	9901	Eccentric Oil Pad (braided cotton)
0.40-	0050	Looper Driving Shaft and Feed Lifting
040D	8958	
F1001	0000	Eccentric Screw
54061	9869	Looper Holder with 1120c and 1147c
	8958	ocrew
68083	9871	Inread Guide
1698E		Nub
59456	9870	" " Washer
64319	9872	Needle Bar (hollow)
54493	-	Needle Bar complete, Nos. 64319 and
		128215
38456	8961	Needle Bar Bushing (lower)
1133E	8958	" " Set Screw " " (upper) " " Set Screw
64320	8961	" " (upper)
1133E	8958	" " Set Screw
54326	8961	" Connecting Link
54329		" " 54326 with
		54327 and 54328
54327	8961	Needle Bar Connecting Link Hinge Stud
1520л	9872	
		Nut
54328	8961	Needle Bar Connecting Stud with 211F
		and two 187E
187E	8958	Needle Bar Connecting Stud Screw
128215	9872	" Clamp with three 1498F
54494	9872	"Guard, for $\frac{3}{32}$ in. to $\frac{9}{64}$ in. gauges
01101	00,2	between each needle
68247		Needle Guard, for $\frac{5}{32}$ in. to $\frac{3}{16}$ in. gauges
00211		between each needle
N	OTE:	When ordering No. 54494 or 68247 state
	ga	uge of machine for which required.
54038	8961	Needle Guard Holder
	8958	" " Screw
	8904	" " Screw
1498F		" Set Screw
54108	0012	Oil Tube
54109		" " Bracket
01100		Diackettering

NO. PLATE	NAME
49092 9870	Oil Tube Packing (felt)
54110 9870	Oil Tube complete, for oiling Crank
	Connecting Rod (upper bearing) Nos.
	49092, 54108 and 54109
64330 9873	Presser Bar with 25303
25303 8961	" " Ball, size ¼ in
64331 8911	" " Bushing (lower)
1133E 8958	" " Set Screw
38456 8961	Presser Bar Bushing (upper)
1133E 8958	" " Set Screw
54039 8985	" Guide Bracket with 453c,
	640w and 1963
640w 8958	Presser Bar Guide Bracket Adjusting
	Screw
11173 8985	Presser Bar Guide Bracket Guide
447c 8958	" " Set
1110 0000	Screw
1963 8985	Presser Bar Guide Bracket Roller and
1909 0909	Stud
453c 8901	Presser Bar Guide Bracket Set Screw
57257 8911	Litter
57258 8911	Illinge I III
447c 8958	Bet Belew.
1872 8985	aronor time pridarities
1250c 8911	" " Stop Screw
61047 8911	" " Lifting Bracket with 460c
	and 1872
68208 9873	Presser Bar Lifting Lever
61075 8911	" " " Connecting
	Stud
460c 9872	Presser Bar Lifting Lever Connecting
	Stud Set Screw
68184 9873	Draggon Dan Lifting Loven Extension
161p 8958	" " " Screw
802p 8958	" " " Screw " " Hinge Screw
54040 9873	" " Spring (flat)
38468 9872	" " Stud
26276 8911	" Foot Hinge Pin
68202 —	" " Plate
46087	" " Shank
68203 9877	Presser Foot (hinged) complete, for $\frac{3}{32}$ in.
00200 9011	to 3 in gauges No. 26276 46067 and
	to $\frac{3}{16}$ in. gauges, Nos. 26276, 46087 and
100- 0050	68202
190р 8958	Presser Foot Screw
574w 8958	Pressure Regulating Thumb Screw Lock
1539w 9872	
	Nut

NO. PLATE	NAME
54381 9870	Slack Thread Controller
54242 9870	" " Clamp
190р 8958	" Screw
54500 9870	" Regulator
54042 9870	" " Holder with 175E
	and two 50150c
175E 8958	Slack Thread Regulator Holder Clamping
	Screw
54043 9870	Slack Thread Regulator Holder Shaft
24292 9870	" " " " " "
	Collar with 1019c
1019c 8958	Slack Thread Regulator Holder Shaft
	Collar Set Screw
54044 9870	Slack Thread Regulator Holder Shaft
	Crank (forked) with 1253c
1253c —	Slack Thread Regulator Holder Shaft
	Crank Set Screw
50150c 8958	Slack Thread Regulator Set Screw
2102 8964	Tension (under thread) Disc
68001 9871	" " Plate
742F 9872	" " Plate " Screw
51570c 8964	" " Regulating Thumb
	Nut
50326c 8964	Tension (under thread) Screw Stud
59539 ——	" " " " 50326c
	with 51570c
59534 8964	Tension (under thread) Spring
59537 8964	" " " Bushing
	" " " Bushing (large)
59538 8964	Tension (under thread) Spring Bushing
	(small)
17547 8964	Tension (under thread) Thread Guide
68002 9874	" (upper thread) Bracket
376p 8958	" " Screw
2102 8964	" " Disc
51570c 8964	" " Regulating Thumb
919100 8304	Nut
32572 8964	Tension (upper thread) Releasing Disc
32572 8964 54988 8964	" " Pin
68003 9874	" " " Pin " " Shaft
54047 8964	" " " Shart
54047 5954	Crank with 624c
54040 DOC4	
54048 8964	Tension (upper thread) Releasing Shaft
	Crank Link
624c 8958	Tension (upper thread) Releasing Shaft
	Crank Set Screw

NO.	PLATE	NAME
68261		Tension (upper thread) Releasing Shaft
00201		Spring
316F	8958	Tension (upper thread) Releasing Shaft
0101	0000	Stop Screw
1547.1	9872	Tension (upper thread) Releasing Shaft
10113	0012	Stop Screw Nut
50326c	8964	Tension (upper thread) Screw Stud.
59539	0301	" " 50326c
00000		with 51570c
59535	8964	Tension (upper thread) Spring
59537	8964	" " Bushing
00001	0001	(large)
59538	8964	Tension (upper thread) Spring Bushing
00000	0001	(small)
57076	8964	Tension (upper thread) Thread Guide
0.0.0	0001	(double)
68004	9871	Thread (under) Eyelet (back)
190p		" " Screw
68005	9871	" " (front)
64351	9870	" Nipper Cam with 465c
465c	8958	" " Set Screw
38210	9870	" " Spring (lower)
38211	9870	" " (upper)
46247	9870	Thread (under) Nipper Spring (upper)
		Stop
176p	8958	Thread (under) Nipper Spring Screw
38475	9876	" Take-up with 465c
465c	8958	" Set Screw
68165	9871	" " Staple
54049	9873	" " " Bracket
		with 460c
965p	9872	Thread (under) Take-up Staple Bracket
		Screw
46041	9871	Thread (under) Take-up Staple Spring
190p	8958	" " " " "
		Screw
38482	9871	Thread (under) Take-up Stripper
207p		" " Screw
64355	9871	" " Thread Guard
01000	0011	(brass)
64356	9871	Thread (under) Take-up Thread Guard
04000	9011	Steady Pin
100-	0070	
460C	9872	Thread (under) Take-up Thread Guard
= 1000		Steady Pin Set Screw
54330	00.1	Thread (upper) Controller
207 <sub>D</sub>	9872	" " Screw
18	419—3	

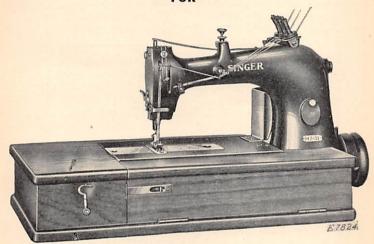
	NO.	PLATE			NAME		
(	68006	9871	Thread	(upper)	Eyelet.		
	176p	8958	"	"	"		
(	38007	9871	"	"	Take-u		
(	38008	9871	"	"	"	Plate.	
(	8164	9871	"	"	"	"	Spring
	1449D	9872	"	"	"	"	"
			Screw				
(	38009		Thread	(upper)	Take-u	ip comp	lete, Nos.
			14490	, 68007,	68008	and 6816	34
	211 <sub>F</sub>	8958	Thread	(upper)	Take-u	p Set Sc	rew
(	68010	9875	Throat	Plate, fo	or $\frac{3}{32}$ in	. to 9/64	in. gauges,
			for 54	489			
(	38073	9875	Throat	Plate, fo	or $\frac{5}{32}$ in	. to $\frac{3}{16}$ i	n. gauges,
			for 68	072			
	No	OTE: V	When ord	ering No	os. 6801	0 or 680	73, state
				gauge re			
	742F	9872	Throat	Plate Sc	rew		

Genuine Singer Needles and their Containers are marked with the Company's Trade Mark "SIMANCO."

Needles in Containers marked
"For Singer Machines"
are not Singer made needles.

#### LIST OF PARTS COMPLETE

FOR



#### **MACHINE No. 147-31**

FOR LAP SEAM FELLING ON OVERALLS AND WORK OF A SIMILAR NATURE. THREE NEEDLES AND THREE LOOPERS. GAUGES FROM  $\frac{1}{16}$  IN. TO  $\frac{3}{16}$  IN. BETWEEN EACH NEEDLE. LENGTH OF NEEDLE BAR STROKE  $1\frac{5}{16}$  INCHES.

NO.	PLATE				NAME			
*68109		Arm	, upper	and	lower	(solid)	with 9	)48p
		an	d 5403	4				
42366	8901	Arm	Oil P	ad (b	raided	cotton)	for o	iling
		Ar	m Roc	k Sha	aft From	nt Beari	ng	
56006	8901	Arm	Oil Pa	ad (b	raided	cotton)	for oi	iling
		Ar	m Roc	k Sha	aft Inte	rmediat	e Bear	ing.
56003	8985	Arm	Oil Tu	be wi	th 5204	5, for o	ling 54	1326
52045	8901	"		Pac	eking (b	raided	cotton	)
54002	8902	"	Rock	Shaft				
54079		"	"	"	54002	with 540	004, 54	005,
		an	d 6425	5				
64386	8901	Arm	Rock S	Shaft	Bushin	g (back	)	
446c	8901	"	"	"	**	"	SetSe	erew
64388	8901	"	"	"	"	(inte	rmedia	ate)
423c	8901	"	"	"	"		"	
		Set S	Screw.					

	PLATE	NAME
52045	8901	Arm Rock Shaft Bushing Oil Pad (braided
		cotton)
54004	8901	Arm Rock Shaft Collar with two 453c
	8901	" " Set Screw
54005	8901	" " Crank (back) with two
		50083c
50083c	8901	Arm Rock Shaft Crank (back) Set Screw.
64255	8911	" " (front) with 453c
2117	8901	" " " Pin
453c	8901	" " Set Screw
54105	8901	" " Flanged Bushing (front)
52045	8901	
		Oil Pad (braided cotton)
453c	8901	Arm Rock Shaft Flanged Bushing (front)
1000	0001	Set Screw
*68110	9880	Arm Rotary Shaft
08110		
No		Then No. 68110 is required for repairs, the
I	ooper	Driving Shaft and Feed Lifting Eccentric
	mı	ist be returned to the factory to be
		adjusted to the new part.
60111		Ama Batama Shaft 68110 mith 640a 54008
68111		Arm Rotary Shaft 68110 with 640p, 54008,
54367	8985	54088, 54113, 54383, 64351 and 64355.
52045	8901	Arm Rotary Shaft Bushing (front)
52045	8901	011
51131E	0070	Pad (braided cotton)
91191F	9812	
54007	8902	Screw
54089	8902	Arm Rotary Shart Bushing (Intermediate)
54089		54007 with 64508 and 64805
64508	8902	
04908	8902	Arm Rotary Shaft Bushing (intermediate)
64805	8985	Oil Pad, long (braided cotton)
04800	9999	Arm Rotary Shaft Bushing (intermediate)
499.0	8901	Oil Pad, short (braided cotton)
4220	8901	Arm Rotary Shaft Bushing (intermediate)
500840	0070	Set Screw (long)
500840	9812	Arm Rotary Shaft Bushing (intermediate)
54008	8901	Set Screw (short)
1259c		Arm Rotary Shaft Collar with three 1259c
54009	8902	Set Screw
	0902	rlanged Busning
54090		54009
		with 58039 and 64805
58039	8902	Arm Rotary Shaft Flanged Bushing Oil
		Pad, long (braided cotton)

NO.	PLATE	NAME
64805	8985	
04800	9999	Arm Rotary Shaft Flanged Bushing Oil
150-	8901	Pad, short (braided cotton)
	-	Arm Rotary Shaft Flanged Bushing Screw
49013	8904	Front Bearing On Pad
111	0001	(braided cotton)
	8901	Arm Rotary Shaft Screw
15196	8902	Bide Cover (back)
	8904	Inumo Screw
54010	8904	(110110)
	8904	Inumo Screw
64259	9874	Balance Wheel with two 430c
	8904	Det Bulew
54011	9880	Cloth Plate
54012	8902	Sinde (left)
38419	8904	Spring
725 <sub>J</sub>	8904	Screw
54013		Cloth Plate Slide (left) complete, Nos.
		38419, 54012 and two 7251
68191		Cloth Plate Slide (right)
38419	8904	" " " Spring
725ı	8904	" " " Screw
68192		Cloth Plate Slide (right) complete, Nos.
		38419, 68191 and two 7251
68267		Cloth Plate complete, for $\frac{1}{8}$ in. to $\frac{3}{16}$ in.
		gauges, for 68163, Nos. 54011, 54013
		and 68192
1011F		Cloth Plate Screw (left)
50473F		" " (right)
54104	9880	" "Thread Guard
1235c		" " " Screw
54017	8902	Crank Connecting Rod with 6575, 54018,
		54218, 54897, 57222 and two each 896E
		and 1057E
54088		Crank Connecting Rod 54017 with 50069c
50069c		" " Ball Screw Stud
1516E	8904	
		Nut
64268	8904	Crank Connecting Rod Ball Screw Stud
		Nut Washer
*57222		Crank Connecting Rod Cap (lower)
0.001	8904	" " " Screw
*54018		" " (upper)
1057E	-	" " " Screw
54897	8904	" " " Oil Cup
54218	8904	" " Pad (braided
		cotton)
6575	8904	Crank Connecting Rod Oil Pad Stop Pin

NO.	PLATE			NAM	E	
54486	9874	Face P	late			
46111	8911	"				
286p	8904	"		mb Scr	ew	
54487	9871	"	" Thre	ead Gu	ard	
236р	9872	"	" "		Screw	
54488	9874	Feed F	Bar with	50429c	and two 453c	
54020	8902	"	" Conn	ection.		
57225	8904	"	" Hinge			
453c	8901.	"		" S	et Screw	
54111	8902	" (	Connectin	g Rod	with 1057E,	54112
54113		Feed C			54111 with 54	025
*54112	-	"	"	"	Cap	
896E	8904	. "	"	"	" Screw	
1057E	8904	"	"		Clamping Scr	
54023	8911 -	"	"	"	Hinge Pin	
21506	8904	44	"	"	" " (	Collar
		with	457c			
457c	8904	Feed (	Connectir	g Rod	Hinge Pin (	Collar
		Set S	Screw			
68162	9876	Feed I	og. 15 te	eth (10	teeth to the	inch)
33237						
	37	7771	1 .	NT 0	0100 -1-1-	
	Note:				8162 state	
	Note:		ordering auge requ		8162 state	
157w	Note:	g	auge requ	ired.	8162 state	
157w 50429c	8904	g	auge requ Oog Screv	ired.		
	8904	Feed I	auge requi Dog Screv "Stop	uired. v Screw.		
50429c	8904	Feed I	auge requience of Screwing Stop Eccentric.	uired. v Screw.		 
50429c *54024	8904 8904	Feed I	auge requience of Screwing Stop Eccentric.	nired. v Screw. Body		
50429°c *54024 *23729	8904 8904	Feed I  "  "  "	og Screv Stop Eccentric.	v Screw. Body	et Screw	
50429c *54024 *23729 51061c	8904 8904 ————————————————————————————————————	Feed I  " " I "	og Screv Stop Eccentric.	v Screw. Body	et Screw	
50429c *54024 *23729 51061c 7071	8904 8904 ————————————————————————————————————	Feed I  " I  " I  " I  " Teed	Oog Screv "Stop Eccentric. "" "" "" Eccentric	screw. Screw. Body. Sclampi " Clampi	et Screw ng Washer " Scuustable) com	rew.
50429c *54024 *23729 51061c 7071 217p	8904 8904 8958 8958 8904 8904	Feed I  " I  " I  " I  " Teed	Oog Screv "Stop Eccentric. "" "" "" Eccentric	screw. Screw. Body. Sclampi " Clampi	et Screw ng Washer " Scuustable) com	rew.
50429c *54024 *23729 51061c 7071 217p	8904 8904 8958 8958 8904 8904	Feed I  " I  " I  " Eed Nos.	Dog Screv "Stop Cccentric. "" "" "" Eccentric 217D, 1	oried.  V  Screw.  Body  Sclampi  (adj.)  (adj.)	et Screw ng Washer " Scr	rew plete, 54024
50429c *54024 *23729 51061c 7071 217p	8904 8904 8958 8958 8904 8904	Feed I  " I  Feed Nos., and	Company Compan	sired. vSerew. Body Sclampi " c (adj 103c, 7	et Screw ng Washer "Scr ustable) com 7071, 23729,	rew . plete, 54024
50429°c *54024 *23729 51061c 7071 217D 54025	8904 8904 8958 8904 8904 8985	Feed I  " " " " " " " Feed Nos. and Feed F	Company Compan	screw.  Body.  Sclampin  (adj  103c,  1c.  g Screw	et Screw ng Washer " Scr ustable) com 7071, 23729,	rew plete, 54024
50429c *54024 *23729 51061c 7071 217D 54025	8904 8904 8958 8904 8904 8985	Feed I  " " " " " " " Feed Nos. and Feed F	Company Compan	screw.  Screw.  Body.  Sclampi  c (adj 103c, 7 1c g Screw	et Screw ng Washer "Scr ustable) com 7071, 23729,	rewplete,
50429c *54024 *23729 51061c 7071 217D 54025	8904 8904 8958 8904 8904 8985	Feed I  " " " " " " Feed Nos. and Feed F " "	Dog Screv "Stop Eccentric. "" " Eccentric 217p, 1 two 5106 Regulating Cocking F	Body  Body  Gampi  Gampi	et Screw	rew . plete, 54024
50429c *54024 *23729 51061c 7071 2170 54025  1103c 54026 68022	8904 8904 8958 8904 8904 8985 8904 9873	Feed I   Feed Nos. and Feed F  Feed F  Feed Substitute Feed F  F  F  F  F  F  F  F  F  F  F  F  F	Cog Screver Stop Cocentric.  "Eccentric 217 p., 1 two 5106 degulating Cocking F."  0, 54023,	screw. Screw. Body. Sclampi Clampi Clampi Screw(adj 103c, 1c g Screw Trame v	et Screw ng Washer "Screwstable) com 7071, 23729, i with two 453c 54026 with 2 and 57225	rewplete, 54024
50429c *54024 *23729 51061c 7071 217p 54025  1103c 54026 68022  57234	8904 8904 8958 8904 8904 8985 8904 9873	Feed I   Feed Nos. and Feed F  Feed F  Feed Substitute Feed F  F  F  F  F  F  F  F  F  F  F  F  F	Cog Screver Stop Cocentric.  "Eccentric 217 p., 1 two 5106 degulating Cocking F."  0, 54023,	screw. Screw. Body. Sclampi Clampi Clampi Screw(adj 103c, 1c g Screw Trame v	et Screw ng Washer "Screwstable) com 7071, 23729, i with two 453c 54026 with 2 and 57225 Hinge Pin	rew . plete, 54024
50429c *54024 *23729 51061c 7071 217p 54025  1103c 54026 68022  57234 57235	8904 8904 8958 8904 8904 8985 8904 9873 8911 8985	Feed I   Feed I  Feed Nos. and Feed F  Feed F  Feed F	Cocking F.	Body Body Screw. Sclampi Ge (adj. 103c, 71c g Screw. Trame v Trame v Trame I	et Screw ng Washer "Screwstable) com 7071, 23729, i with two 453c 54026 with 2 and 57225 Hinge Pin	rewplete, 54024
50429c *54024 *23729 51061c 7071 217p 54025  1103c 54026 68022  57234	8904 8904 8958 8904 8904 8985 8904 9873	Feed I   Feed Nos. and Feed F	Cocking F	screw. Screw. Sclampi Clampi Clampi Sclampi Screw Screw Screw Screw Screw Screw Screw Stame V " " "	et Screw ng Washer " Screwstable) com 7071, 23729, i with two 453c 54026 with 2 and 57225 Hinge Pin " " Bu	rew . plete, 54024
50429c *54024 *23729 51061c 7071 217p 54025  1103c 54026 68022  57234 57235 453c	8904 8904 8958 8904 8904 8985 8904 9873 8911 8985 8901	Feed I  " Feed Nos. and Feed F  " 5402 Feed F  " Set S	Cocking F  Cocking F  Cocking F  Cocking F	screw.  Screw.  Sclampi  (a) (adj)  103c, (1)  1c  g Screw  Tame v  "  54488  Tame I  "	et Screw ng Washer " Screwstable) com 7071, 23729, i with two 453c 54026 with 2 and 57225 Hinge Pin " " Bu	rewplete, 54024
50429c *54024 *23729 51061c 7071 217p 54025  1103c 54026 68022  57234 57235 453c  453c	8904 8904 8958 8904 8904 8904 8985 8901 8911 8985 8901	Feed I  " Feed Nos. and Feed F  " 5402 Feed F  " Set S Feed R	Cocking F  Cocking F  Cocking F  Cocking F  Cocking F	screw. Screw. Sclampi c (adj 103c, 7 1c g Screw rame v " 54488 rame I "	et Screw	rewplete, 54024
50429c *54024 *23729 51061c 7071 217p 54025  1103c 54026 68022  57234 57235 453c	8904 8904 8958 8904 8904 8904 8985 8901 8911 8985 8901 8901 9869	Feed I  " Feed Nos. and Feed F  " 5402 Feed F  " Set S Feed R	Cocking F  Cocking F  Cocking F  Cocking F  Cocking F	screw.  Screw.  Sclampi  (a)  (a)  (b)  (c)  (adj)  (c)  (d)  (d)  (d)  (d)  (d)  (d)  (d	et Screw ng Washer " Screwstable) com 7071, 23729, i with two 453c 54026 with 2 and 57225 Hinge Pin " " Bu	rewplete, 54024

NO.	PLATE	NAME
54491	9869	Looper (front) closed eye
2290	8958	" Screw (left)
13020	9872	" " (right)
54492	9869	" (intermediate) closed eye
68015		" 54492 with 229b,
		1302p and 54491
11200	8958	Looper (intermediate) Set Screw
54027	9869	" Carrier with two 171p
171n	8958	" " Adjusting Screw
54227	9869	" Connection
54228	9869	" " Shaft
54229	9876	" " Bushing
4460	8901	
		Set Screw
49013	8904	Looper Carrier Connection Shaft Oil Pad
		(braided cotton)
54230	9869	Looper Carrier Driver with 54032 and
		four 175E
*54032		Looper Carrier Driver Cap
175E	8958	" " " Screw
*54368	8961	" Driving Shaft and Feed Lifting
		Eccentric with 227p and two 64315
NT	. 1171.	- No 54260 is required for reneirs the
Note	: Whe	en No. 54368 is required for repairs, the
Note	Arm Ro	otary Shaft must be returned to the
Note	Arm Ro	otary Shaft must be returned to the ry to be adjusted to the new part.
Nоте 54383	Arm Ro	otary Shaft must be returned to the ry to be adjusted to the new part.  Looper Driving Shaft and Feed Lifting
	Arm Ro	tary Shaft must be returned to the ry to be adjusted to the new part.  Looper Driving Shaft and Feed Lifting Eccentric 54368 with 54027, 54227,
	Arm Ro	tary Shaft must be returned to the by to be adjusted to the new part.  Looper Driving Shaft and Feed Lifting Eccentric 54368 with 54027, 54227, 54228 and 54230
	Arm Ro	tary Shaft must be returned to the by to be adjusted to the new part.  Looper Driving Shaft and Feed Lifting Eccentric 54368 with 54027, 54227, 54228 and 54230
54383	Arm Ro	tary Shaft must be returned to the cy to be adjusted to the new part.  Looper Driving Shaft and Feed Lifting Eccentric 54368 with 54027, 54227, 54228 and 54230
54383	Arm Ro	tary Shaft must be returned to the ry to be adjusted to the new part.  Looper Driving Shaft and Feed Lifting Eccentric 54368 with 54027, 54227, 54228 and 54230  Looper Driving Shaft and Feed Lifting Eccentric Bracket with 761E Looper Driving Shaft and Feed Lifting
54383 *54034	Arm Refactor	tary Shaft must be returned to the ry to be adjusted to the new part.  Looper Driving Shaft and Feed Lifting Eccentric 54368 with 54027, 54227, 54228 and 54230  Looper Driving Shaft and Feed Lifting Eccentric Bracket with 761E  Looper Driving Shaft and Feed Lifting Eccentric Bracket Bushing
54383 *54034 54080	Arm Refactor	tary Shaft must be returned to the by to be adjusted to the new part.  Looper Driving Shaft and Feed Lifting Eccentric 54368 with 54027, 54227, 54228 and 54230  Looper Driving Shaft and Feed Lifting Eccentric Bracket with 761E  Looper Driving Shaft and Feed Lifting Eccentric Bracket Bushing  Looper Driving Shaft and Feed Lifting Eccentric Bracket Bushing
54383 *54034 54080 761a	9876 9901	tary Shaft must be returned to the ry to be adjusted to the new part.  Looper Driving Shaft and Feed Lifting Eccentric 54368 with 54027, 54227, 54228 and 54230  Looper Driving Shaft and Feed Lifting Eccentric Bracket with 761E  Looper Driving Shaft and Feed Lifting Eccentric Bracket Bushing  Looper Driving Shaft and Feed Lifting Eccentric Bracket Bushing Set Screw
54383 *54034 54080 761a	Arm Refactor 9876	ctary Shaft must be returned to the ry to be adjusted to the new part.  Looper Driving Shaft and Feed Lifting Eccentric 54368 with 54027, 54227, 54228 and 54230  Looper Driving Shaft and Feed Lifting Eccentric Bracket with 761E  Looper Driving Shaft and Feed Lifting Eccentric Bracket Bushing  Looper Driving Shaft and Feed Lifting Eccentric Bracket Bushing Set Screw Looper Driving Shaft and Feed Lifting Eccentric Bracket Bushing Set Screw
54383 *54034 54080 7611 9481	9876 9878 9898	tary Shaft must be returned to the ry to be adjusted to the new part.  Looper Driving Shaft and Feed Lifting Eccentric 54368 with 54027, 54227, 54228 and 54230  Looper Driving Shaft and Feed Lifting Eccentric Bracket with 761E
54383 *54034 54080 761a	9876 9901	tary Shaft must be returned to the ry to be adjusted to the new part.  Looper Driving Shaft and Feed Lifting Eccentric 54368 with 54027, 54227, 54228 and 54230  Looper Driving Shaft and Feed Lifting Eccentric Bracket with 761E  Looper Driving Shaft and Feed Lifting Eccentric Bracket Bushing  Looper Driving Shaft and Feed Lifting Eccentric Bracket Bushing Set Screw  Looper Driving Shaft and Feed Lifting Eccentric Bracket Bushing Set Screw  Looper Driving Shaft and Feed Lifting Eccentric Bracket Screw  Looper Driving Shaft and Feed Lifting
54383 *54034 54080 7611 9481 64315	9876 9876 9878 9870	ctary Shaft must be returned to the cy to be adjusted to the new part.  Looper Driving Shaft and Feed Lifting Eccentric 54368 with 54027, 54227, 54228 and 54230
54383 *54034 54080 7611 9481 64315	9876 9878 9898	ctary Shaft must be returned to the cy to be adjusted to the new part.  Looper Driving Shaft and Feed Lifting Eccentric 54368 with 54027, 54227, 54228 and 54230  Looper Driving Shaft and Feed Lifting Eccentric Bracket with 761E  Looper Driving Shaft and Feed Lifting Eccentric Bracket Bushing  Looper Driving Shaft and Feed Lifting Eccentric Bracket Bushing Set Screw  Looper Driving Shaft and Feed Lifting Eccentric Bracket Screw  Looper Driving Shaft and Feed Lifting Eccentric Bracket Screw  Looper Driving Shaft and Feed Lifting Eccentric Oil Hole Plug  Looper Driving Shaft and Feed Lifting Eccentric Oil Hole Plug
54383 *54034 54080 7611 9481 64315	9876 9876 9876 9878 9870 9870	ctary Shaft must be returned to the cy to be adjusted to the new part.  Looper Driving Shaft and Feed Lifting Eccentric 54368 with 54027, 54227, 54228 and 54230  Looper Driving Shaft and Feed Lifting Eccentric Bracket with 761E  Looper Driving Shaft and Feed Lifting Eccentric Bracket Bushing  Looper Driving Shaft and Feed Lifting Eccentric Bracket Bushing Set Screw  Looper Driving Shaft and Feed Lifting Eccentric Bracket Screw  Looper Driving Shaft and Feed Lifting Eccentric Bracket Screw  Looper Driving Shaft and Feed Lifting Eccentric Oil Hole Plug  Looper Driving Shaft and Feed Lifting Eccentric Oil Hole Plug
54383 *54034 54080 7611 9481 64315	9876 9876 9878 9870	ctary Shaft must be returned to the cy to be adjusted to the new part.  Looper Driving Shaft and Feed Lifting Eccentric 54368 with 54027, 54227, 54228 and 54230  Looper Driving Shaft and Feed Lifting Eccentric Bracket with 761E  Looper Driving Shaft and Feed Lifting Eccentric Bracket Bushing  Looper Driving Shaft and Feed Lifting Eccentric Bracket Bushing Set Screw  Looper Driving Shaft and Feed Lifting Eccentric Bracket Screw  Looper Driving Shaft and Feed Lifting Eccentric Bracket Screw  Looper Driving Shaft and Feed Lifting Eccentric Oil Hole Plug  Looper Driving Shaft and Feed Lifting Eccentric Oil Hole Screw  Looper Driving Shaft and Feed Lifting Eccentric Oil Hole Screw
54383 *54034 54080 7611 9481 64315 2271 40326	9876 9876 9876 9876 98958 9870 98958 9870	ctary Shaft must be returned to the cy to be adjusted to the new part.  Looper Driving Shaft and Feed Lifting Eccentric 54368 with 54027, 54227, 54228 and 54230  Looper Driving Shaft and Feed Lifting Eccentric Bracket with 761E  Looper Driving Shaft and Feed Lifting Eccentric Bracket Bushing  Looper Driving Shaft and Feed Lifting Eccentric Bracket Bushing Set Screw  Looper Driving Shaft and Feed Lifting Eccentric Bracket Bushing Set Screw  Looper Driving Shaft and Feed Lifting Eccentric Bracket Screw  Looper Driving Shaft and Feed Lifting Eccentric Oil Hole Plug  Looper Driving Shaft and Feed Lifting Eccentric Oil Hole Screw  Looper Driving Shaft and Feed Lifting Eccentric Oil Hole Screw
54383 *54034 54080 7611 9481 64315 2271 40326	9876 9876 9876 9878 9870 9870	ctary Shaft must be returned to the cy to be adjusted to the new part.  Looper Driving Shaft and Feed Lifting Eccentric 54368 with 54027, 54227, 54228 and 54230  Looper Driving Shaft and Feed Lifting Eccentric Bracket with 761E  Looper Driving Shaft and Feed Lifting Eccentric Bracket Bushing  Looper Driving Shaft and Feed Lifting Eccentric Bracket Bushing Set Screw  Looper Driving Shaft and Feed Lifting Eccentric Bracket Screw  Looper Driving Shaft and Feed Lifting Eccentric Bracket Screw  Looper Driving Shaft and Feed Lifting Eccentric Oil Hole Plug  Looper Driving Shaft and Feed Lifting Eccentric Oil Hole Screw
54383 *54034 54080 7611 9481 64315 2270 40326 6400	9876 9876 9876 9876 98958 9870 98958 9861 98958	ctary Shaft must be returned to the cy to be adjusted to the new part.  Looper Driving Shaft and Feed Lifting Eccentric 54368 with 54027, 54227, 54228 and 54230  Looper Driving Shaft and Feed Lifting Eccentric Bracket with 761E  Looper Driving Shaft and Feed Lifting Eccentric Bracket Bushing  Looper Driving Shaft and Feed Lifting Eccentric Bracket Bushing Set Screw  Looper Driving Shaft and Feed Lifting Eccentric Bracket Bushing Set Screw  Looper Driving Shaft and Feed Lifting Eccentric Oil Hole Plug  Looper Driving Shaft and Feed Lifting Eccentric Oil Hole Screw  Looper Driving Shaft and Feed Lifting Eccentric Oil Hole Screw  Looper Driving Shaft and Feed Lifting Eccentric Oil Pad (braided cotton)  Looper Driving Shaft and Feed Lifting Eccentric Screw
54383 *54034 54080 7611 9481 64315 2271 40326 6400 54061	9876 9876 9876 9876 98958 9870 98958 9870	ctary Shaft must be returned to the cy to be adjusted to the new part.  Looper Driving Shaft and Feed Lifting Eccentric 54368 with 54027, 54227, 54228 and 54230  Looper Driving Shaft and Feed Lifting Eccentric Bracket with 761E  Looper Driving Shaft and Feed Lifting Eccentric Bracket Bushing  Looper Driving Shaft and Feed Lifting Eccentric Bracket Bushing Set Screw  Looper Driving Shaft and Feed Lifting Eccentric Bracket Screw  Looper Driving Shaft and Feed Lifting Eccentric Bracket Screw  Looper Driving Shaft and Feed Lifting Eccentric Oil Hole Plug  Looper Driving Shaft and Feed Lifting Eccentric Oil Hole Screw

NO. 1	PLATE	NAME
68083	9871	Looper Thread Guide
1698E	9872	" " Nut
59456	9870	" " Washer
64319	9872	Needle Bar (hollow)
54493		Needle Bar complete, Nos. 64319 and
		128215
38456	8961	Needle Bar Bushing (lower)
1133E	8958	" " Set Screw
64320	8961	" " (upper)
1133E	8958	" " Set Screw
	8961	" Connecting Link
54329		" " 54326 with
91020		54327 and 54328
54327	8961	Needle Bar Connecting Link Hinge Stud
	9872	" " " " " "
10203	9012	
54328	8961	Nut.
94928	8901	Needle Bar Connecting Stud with 211r
107-	0050	and two 187E
187 <sub>E</sub> 128215	2000	Needle Bar Connecting Stud Screw
	9872	Clamp with three 1498F
54494	9872	Guard, for $\frac{32}{32}$ in. to $\frac{64}{64}$ in. gauges
		between each needle
68247		Needle Guard, for $\frac{5}{32}$ in. to $\frac{3}{16}$ in. gauges
68247		Needle Guard, for $\frac{5}{32}$ in. to $\frac{3}{16}$ in. gauges between each needle
	OTE:	between each needle
		between each needle
N	g	between each needle
N 54038	g: 8961	between each needle  When ordering No. 54494 or 68247, state auge of machine for which required.  Needle Guard Holder
N	g: 8961	between each needle  When ordering No. 54494 or 68247, state auge of machine for which required.  Needle Guard Holder
N 54038	g: 8961 8958	between each needle  When ordering No. 54494 or 68247, state auge of machine for which required.  Needle Guard Holder
54038 176b 217F	g: 8961 8958	between each needle  When ordering No. 54494 or 68247, state auge of machine for which required.  Needle Guard Holder " " Screw " " Screw
54038 176b 217F	g: 8961 8958 8904	between each needle  When ordering No. 54494 or 68247, state auge of machine for which required.  Needle Guard Holder  " " Screw  " Screw  " Set Screw
54038 1760 217 <sub>F</sub> 1498 <sub>F</sub>	g: 8961 8958 8904	between each needle.  When ordering No. 54494 or 68247, state auge of machine for which required.  Needle Guard Holder.  """ Screw.  """ Screw.  "Set Screw.  Oil Tube.
54038 176p 217 <sub>F</sub> 1498 <sub>F</sub> 54108 54109	g: 8961 8958 8904	between each needle.  When ordering No. 54494 or 68247, state auge of machine for which required.  Needle Guard Holder.  """ Screw.  "Screw.  "Set Screw.  Oil Tube.  ""Bracket.
54038 1760 217F 1498F 54108 54109 49092	8961 8958 8904 9872	between each needle.  When ordering No. 54494 or 68247, state auge of machine for which required.  Needle Guard Holder.  " " Screw.  " Screw.  " Set Screw.  Oil Tube.  " " Bracket.  " " Packing (felt).
54038 1760 217F 1498F 54108 54109 49092	gs 8961 8958 8904 9872 ————————————————————————————————————	between each needle.  When ordering No. 54494 or 68247, state auge of machine for which required.  Needle Guard Holder.  " " Screw.  " Screw.  " Set Screw.  Oil Tube.  " " Bracket.  " " Packing (felt).  Oil Tube complete, for oiling Crank
54038 1760 217F 1498F 54108 54109 49092	gs 8961 8958 8904 9872 ————————————————————————————————————	between each needle.  When ordering No. 54494 or 68247, state auge of machine for which required.  Needle Guard Holder.  " " Screw.  " Screw.  " Set Screw.  Oil Tube.  " " Bracket.  " " Packing (felt).  Oil Tube complete, for oiling Crank Connecting Rod (upper bearing), Nos.
N 54038 176b 217F 1498F 54108 54109 49092 54110	gs 8961 8958 8904 9872 ————————————————————————————————————	between each needle.  When ordering No. 54494 or 68247, state auge of machine for which required.  Needle Guard Holder.  " " Screw.  " Screw.  " Set Screw.  Oil Tube.  " " Bracket.  " " Packing (felt).  Oil Tube complete, for oiling Crank Connecting Rod (upper bearing), Nos. 49092, 54108 and 54109.
54038 176b 217r 1498r 54108 54109 49092 54110	gs 8961 8958 8904 9872 ————————————————————————————————————	between each needle.  When ordering No. 54494 or 68247, state auge of machine for which required.  Needle Guard Holder.  " " Screw.  " Screw.  " Set Screw.  Oil Tube.  " " Bracket.  " " Packing (felt).  Oil Tube complete, for oiling Crank Connecting Rod (upper bearing), Nos. 49092, 54108 and 54109.  Presser Bar with 25303.
54038 176b 217r 1498r 54108 54109 49092 54110 64330 25303	g: 8961 8958 8904 9872  9870 9870	between each needle.  When ordering No. 54494 or 68247, state auge of machine for which required.  Needle Guard Holder.  """ Screw.  "" Screw.  "" Set Screw.  Oil Tube.  """ Bracket.  """ Packing (felt).  Oil Tube complete, for oiling Crank Connecting Rod (upper bearing), Nos. 49092, 54108 and 54109.  Presser Bar with 25303.  ""Ball, size ¼ in.
54038 176b 217r 1498r 54108 54109 49092 54110 64330 25303	9870 9870 9873 8961 8911	between each needle.  When ordering No. 54494 or 68247, state auge of machine for which required.  Needle Guard Holder.  """ Screw.  ""Screw.  ""Set Screw.  Oil Tube.  """Bracket.  """Packing (felt).  Oil Tube complete, for oiling Crank Connecting Rod (upper bearing), Nos. 49092, 54108 and 54109.  Presser Bar with 25303.  ""Ball, size ¼ in.  ""Bushing (lower).
54038 176b 217r 1498r 54108 54109 49092 54110 64330 25303 64331 1133E	9870 9870 9873 8961 89911 8958	between each needle.  When ordering No. 54494 or 68247, state auge of machine for which required.  Needle Guard Holder.  """ Screw.  ""Set Screw.  Oil Tube.  """ Bracket.  """ Packing (felt).  Oil Tube complete, for oiling Crank Connecting Rod (upper bearing), Nos. 49092, 54108 and 54109.  Presser Bar with 25303.  ""Ball, size ¼ in.  ""Bushing (lower).  """ Set Screw.
54038 176b 217r 1498r 54108 54109 49092 54110 64330 25303 64331 1133E 38456	9870 9870 9870 9871 9870 9870 9873 8961 8911 8958 8961	between each needle.  When ordering No. 54494 or 68247, state auge of machine for which required.  Needle Guard Holder.  ""Screw.  "Set Screw.  Oil Tube.  ""Bracket.  ""Packing (felt).  Oil Tube complete, for oiling Crank Connecting Rod (upper bearing), Nos. 49092, 54108 and 54109.  Presser Bar with 25303.  ""Ball, size ¼ in.  ""Bushing (lower).  """Set Screw  """Screw  """Screw  ""Screw  ""Set Screw  """Screw
54038 176b 217r 1498r 54108 54109 49092 54110 64330 25303 64331 1133e 38456 1133e	9870 9870 9870 9870 9870 9870 9870 9870	between each needle.  When ordering No. 54494 or 68247, state auge of machine for which required.  Needle Guard Holder
54038 176b 217r 1498r 54108 54109 49092 54110 64330 25303 64331 1133e 38456 1133e	9870 9870 9870 9871 9870 9870 9873 8961 8911 8958 8961	between each needle.  When ordering No. 54494 or 68247, state auge of machine for which required.  Needle Guard Holder
54038 176b 217r 1498r 54108 54109 49092 54110 64330 25303 64331 1133E 38456 1133E 54039	9870 9870 9870 9870 9870 9870 9870 9870	between each needle.  When ordering No. 54494 or 68247, state auge of machine for which required.  Needle Guard Holder.  " " Screw.  " Screw.  " Set Screw.  Oil Tube.  " " Bracket.  " " Packing (felt).  Oil Tube complete, for oiling Crank Connecting Rod (upper bearing), Nos. 49092, 54108 and 54109.  Presser Bar with 25303.  " " Ball, size ¼ in.  " " Bushing (lower).  " " " " Set Screw.  " " " Set Screw.  " " " Set Screw.  " " " " Set Screw.  " " Guide Bracket with 453c, 640w and 1963.
54038 176b 217r 1498r 54108 54109 49092 54110 64330 25303 64331 1133E 38456 1133E	9870 9870 9870 9870 9870 9870 9870 9870	between each needle.  When ordering No. 54494 or 68247, state auge of machine for which required.  Needle Guard Holder

NO. PLATE	NAME
11173 8985	Presser Bar Guide Bracket Guide
447c 8958	" " Set Screw
1963 8985	" " " Roller and Stud
453c 8901	" " Set Screw
57257 8911	" " Lifter
57258 8911	" " Hinge Pin
447c 8958	" " " Set Screw
1872 8985	" " Roller and Stud
1250c 8911	" " Stop Screw
61047 8911	" Lifting Bracket with 460c and
	1872
68208 9873	Presser Bar Lifting Lever
61075 8911	" " Connecting Stud
460c 9872	
	Set Screw
68184 9873	Presser Bar Lifting Lever Extension
161p 8958	" " " Screw
802p 8958	" " " Hinge Screw
54040 9873	" " Spring (flat)
38468 9872	" " Stud
54495 —	" Foot Leveling Plate
11184 9877	" " " Hinge Pin
68086 —	" Needle Plate
68160 9877	" " " Spring (left)
68161 9877	" " " (right).
665w 9877	" " " " Screw
68087	" " Plate
54498	" " Shank
51065c 9877	" " Screw
68088 9877	Presser Foot (hinged) complete, for $\frac{9}{64}$ in.
	to $\frac{3}{16}$ in. gauges, Nos. 11184, 54495,
	54498, 68086, 68087, 68160, 68161 and
	two each 665w and 51065c
190р 8958	Presser Foot Screw
574w 8958	Pressure Regulating Thumb Screw
1539w 9872	" " " Lock
100011 0012	Nut
54381 9870	Slack Thread Controller
54242 9870	" " Clamp
190р 8958	Screw
54500 9870	" Regulator
54042 9870	" " Holder with 175E
	and two 50150c
175E 8958	Slack Thread Regulator Holder Clamping
	Screw

NO. PLATE	NAME
54043 9870	Slack Thread Regulator Holder Shaft
24292 9870	
	Collar with 1019c
1019c 8958	Slack Thread Regulator Holder Shaft
	Collar Set Screw
54044 9870	Slack Thread Regulator Holder Crank
	(forked) with 1253c
1253c —	Slack Thread Regulator Holder Crank
12000	Set Screw
50150c 8958	Slack Thread Regulator Set Screw
2102 8964	Tension (under thread) Disc
68001 9871	" " Plate
742F 9872	" " Plate " " Screw
51570c 8964	" " Regulating Thumb
010700 0301	Nut
50326c 8964	Tension (under thread) Screw Stud
59539	" " " 50326c
99999 ——	with 51570c
****** ******	
59534 8964	Tension (under thread) Spring " "Bushing
59537 8964	0
	(large)
59538 8964	Tension (under thread) Spring Bushing
	(small)
17547 8964	Tension (under thread) Thread Guide
68002 9874	" (upper thread) Bracket
376р 8958	" " Screw
2102 8964	" " Disc
51570c 8964	" " Regulating Thumb
	Nut
32572 8964	Tension (upper thread) Releasing Disc
54988 8964	" " " Pin " " " Shaft
68003 9874	" " " Shaft
54047 8964	
	Crank with 624c
54048 8964	Tension (upper thread) Releasing Shaft
01010 0001	Crank Link
624c 8958	Tension (upper thread) Releasing Shaft
0240 8888	Crank Set Screw
60061	
68261 —	Tension (upper thread) Releasing Shaft
	Spring
68261 —— 316F 8958	Spring Tension (upper thread) Releasing Shaft
	Spring Tension (upper thread) Releasing Shaft Stop Screw
	Spring Tension (upper thread) Releasing Shaft

NO. PLATE	NAME
	Tension (upper thread) Screw Stud
50326c 8964	" " " 50326c
59539	
***** ****	with 51570c
59535 8964	Tension (upper thread) Spring
59537 8964	Dusning
	(large)
59538 8964	Tension (upper thread) Spring Bushing
	(small)
57076 8964	Tension (upper thread) Thread Guide
	(double)
68004 9871	Thread (under) Eyelet (back)
190р 8958	berew
68005 9871	" " (front)
64351 9870	" " Nipper Cam with 465c
465c 8958	" " Set Screw
38210 9870	" Spring (lower)
38211 9870	" " (upper)
46247 9870	
	Stop
176p 8958	Thread (under) Nipper Spring Screw
38475 9876	" Take-up with 465c
465c 8958	" " Set Screw
68165 9871	" " Staple
54049 9873	" " " Bracket
	with 460c
965p 9872	Thread (under) Take-up Staple Bracket
	Screw
46041 9871	Thread (under) Take-up Staple Spring
190р 8958	
	Screw
38482 9871	Thread (under) Take-up Stripper
207р 9872	" " Screw
64355 9871	" " Thread Guard
	(brass)
64356 9871	Thread (under) Take-up Thread Guard
	Steady Pin
460c 9872	Thread (under) Take-up Thread Guard
1000 00.1	Steady Pin Set Screw
54330 9871	Thread (upper) Controller
207p 9872	" " Screw
68006 9871	" " Evelet
176p 8958	" " Screw
68007 9871	" " Take-up
30001	
68008 9871	" " Plate
68008 9871 68164 9871	1 1806
68164 9871	1 late
	" " Spring

		ACCESSORIES
742F	9872	Throat Plate Screw
]	Note:	When ordering 68163, state gauge required.
86163	9876	Throat Plate, for $\frac{1}{8}$ in. to $\frac{3}{16}$ in. gauges, for $68162$
	8958	Thread (upper) Take-up Set Screw
68009		Thread (upper) Take-up complete, Nos. 1449p, 68007, 68008 and 68164
	PLATE	NAME

NO.	PLATE	NAME
120344	8941	Oiler (copper plated) with 120345
120345	8941	" Spout, 5 in. long
26026	8941	Screw Driver (large)
26485	8941	" " (small)
38487	8941	Threading Wire
120341	8941	Tweezers (curved)
8908	8941	Wrench for 1520
19221	8941	" " 1516
4822	8941	" " 1547

#### **BELT GUARD**

NO.	PLATE	NAME
68222	9879	Belt Guard with two wood screws 1 in.
		No. 12

#### **BENCH STAND**

NO.	PLATE	NAME
79611		Bench Stand with 5604, 9370, two 41538,
		three wood screws 1½ in. No. 14, four 60656 and sixteen wood screws 5% in.
		No. 7
41538		Flush Bolt with Plate complete, Nos.
		126247, 126248 and four brass wood screws 5% in. No. 4
126247	8952	Flush Bolt
126248	8952	" " Plate
60656	8952	Hinge
9370	8952	Slide Spring
5604	8952	" " Pin

#### FITTINGS FOR OVERALL WORK

#### FOR 147-30 MACHINE

	PLATE	NAME
54489	9875	Feed Dog, 22 teeth (14 teeth to the inch)
		for 68010
68072	9875	Feed Dog, 14 teeth (19 teeth to the inch)
		for 68073
120524	9878	Lap Seam Feller on Shank
54495	-	Presser Foot Leveling Plate
11184	9877	" " " Hinge Pin
54496	-	" Needle Plate for 54499
68086		" " " " 68088
68160	9877	" " " Spring (left)
68161	9877	" " " (right).
	9877	" " " Screw
54497		" " Plate for 54499
68087		" " " 68088
54498	-	" " Shank
51065c	9877	" " Hinge Screw
54499	9877	Presser Foot (hinged) complete, for $\frac{3}{32}$ in.
		to ½ in. gauges, Nos. 11184, 54495 to
		54498, 68160, 68161 and two each 665w
		and 51065c
68088	9877	Presser Foot (hinged) complete, for $\frac{9}{64}$ in.
		to $\frac{3}{16}$ in. gauges, Nos. 11184, 54495,
		54498, 68086, 68087, 68160, 68161 and
		two each 665w and 51065c
68010	9875	Throat Plate, for $\frac{3}{32}$ in. to $\frac{9}{64}$ in. gauges,
		for 54489
68073	9875	Throat Plate, for $\frac{5}{32}$ in. to $\frac{3}{16}$ in. gauges,
		for 68072

### FITTINGS FOR HEAVY OVERALL WORK

#### FOR 147-31 MACHINE

NO. 68162	9876	Feed Dog, 15 teeth (10 teeth to the inch) for 68163
120524	9878	Lap Seam Feller on Shank
120707	9878	" " to allow for
		taking work out of folder and finishing pocket seams

NO.	PLATE			NA	ME		
	PLATE		-				
54495							
11184	9877	"	"	"			ge Pin
54496		"	"	Needle	Plate	for 54	499
68086	-	"	"	"	"	" 68	088
68160	9877	"	"	"	"	Spring	g (left)
68161	9877	"	"	"	"	"	(right).
665	w 9877	"	"	"	"	"	Screw
54497		"	"	Plate fo	or 544	99	
68087		"	"	" "	680	88	
54498		"	"	Shank			
51065	c 9877	"	"	"	Hinge	Screw	
54499	9877	Presser	Foot	(hinged	) com	plete, f	or $\frac{3}{32}$ in.
		to 1/8	in. g	gauges, 1	Nos. 1	11184,	54495 to
		54498	8, 681	60, 6816	1 and	l two ea	ach 665w
		and a	51065	C			
68088	9877	Presser	Foot	(hinged)	) com	plete, f	or $\frac{9}{64}$ in.
		to 3	in.	gauges,	Nos.	11184	4, 54495,
		54498	8. 680	86. 6808	87. 68	160, 68	8161 and
			,				
68163	9876						gauges
00100	00.0			, / 0		10	0

#### FITTINGS FOR SHIRT WORK

#### FOR 147-30 MACHINE

NO.	PLATE	NAME
54489	9875	Feed Dog, 22 teeth (14 teeth to the inch)
		for 68010
120524	9878	Lap Seam Feller on Shank
26276	9877	Presser Foot Hinge Pin
68026		" " Plate for 68027
68202		" " " 68203
46087		" " Shank
68027	9877	Presser Foot (hinged) with guide on bot-
		tom, complete, for $\frac{3}{32}$ in. to $\frac{9}{64}$ in. gauges,
		Nos. 26276, 46087 and 68026
68203	9877	Presser Foot (hinged) plain bottom, com-
		plete, for $\frac{3}{32}$ in. to $\frac{9}{64}$ in. gauges, Nos.
		26276, 46087 and 68202
26276	9877	Presser Foot Hinge Pin
120753		" Plate with Edge Folder
46087		" " Shank
120754	9877	Presser Foot (hinged) with Edge Folder
		complete, for yoking, for $\frac{3}{32}$ in. to $\frac{3}{16}$ in.
		gauges, Nos. 26276, 46087 and 120753
68010	9875	Throat Plate, for $\frac{3}{32}$ in. to $\frac{9}{64}$ in. gauges,
		for 54489

#### **FOOT LIFTER PARTS**

NO.	PLATE	NAME
6439	_	Chain, 36 in. to 45 in., with 56864 and 56865
	No	TE: When ordering No. 6439, state length required.
4879	8941	Chain Connecting Link
56864	8941	" Hook (large)
56865	8985	" " (small)
126249	8980	Treadle
4882	8941	" Shaft
126250	8941	" Spring
126251	8980	" Stand
126252	8980	Treadle complete, Nos. 4882, 126249 to

#### **KNEE LIFTER PARTS**

NO.	PLATE	NAME
37563		Chain, length 15 in., with 56864 and 56865
56864	8941	" Hook (large)
56865	8985	" " (small)
2763	8980	Rock Shaft
12242	8980	" Hanger with two wood screws
		1 in. No. 10
6335	8980	Rock Shaft Knee Arm
6336		Rock Shaft Knee Arm complete, Nos.
		2766, 2767 and 6335
2766	8980	Rock Shaft Knee Arm Hub with 356c
3560		" " Set Screw
2767	8980	" " Plate with 356c
3560		" " Set Screw
6337	8980	" Lifting Bracket with two 356c
7125	8980	" " Hook
3560		" " " Set
9900	0000	Screw
0.50	0005	
	8985	Rock Shaft Lifting Bracket Set Screw
2770	8980	" Stop Dog with 356c
3560	8985	" " Set Screw
23767	8980	Rock Shaft complete, Nos. 2763, 2770,
		6336, 6337, 7125 and two 12242

#### LAP SEAM FELLERS

NO.	PLATE	NAME
120524 120707		Lap Seam Feller on Shank
120101	00.0	all work, to allow for taking work out of folder and finishing pocket seams

#### MACHINE BASE

NO.	PLATE	NAME
68223	9879	Machine Base
51072E	9872	" Bolt with 51581E
51581E	9872	" " Nut
6055	9872	" " " Washer
49123	8996	" " Oil Pipe
60884	8985	" " " Plug
57285	8996	" Cushion (felt)
948E	8958	" Screw, to fasten machine to base
68224		Machine Base complete, Nos. 49123,
		60884, 68223, three each 6055, 51072E
		and four each 948E and 57285

#### THREAD UNWINDER

#### FOR SIX SPOOLS

NO.	PLATE	NAME
225395	8997	Spool Rest, for two spools, with 201018c.
225388	8997	" " Rod
2003836	8985	" " Set Screw
2010180	8985	" " Set Screw
202490	8997	" Stand with 200383c
225391	8997	Thread Guide
2016961	9872	" Lock Nut
225392	8997	" Rod with 208E and 225393
2081	E 8985	" " Screw
225393	9872	" " Washer
225378	8997	Thread Unwinder complete, Nos. 2016961,
		202490, 225388, 225392, three each
		225395, six 225391 and three wood
		screws 1/8 in. No. 12
27739	8996	Thread Cone (wood) for large cones
225390	8996	" Holder, for inverted cones
	Note:	Nos. 27739 and 225390 are used with,
		but not included in 225378.

#### **OBSOLETE PARTS**

NO.	PLATE	NAME.
54356	8980	Belt Guard with 1192c
27347	8985	" " Hinge Pin
11920	8985	" " Set Screw
11920	8985	" Set Screw
64362	8996	Presser Bar Lifting Lever
54103	9873	" " Extension
54357	8980	Machine Base with 1192c
54358	_	Machine Base with Belt Guard complete,
		Nos. 27347, 49123, 54356, 54357, 60884,
		three each 6055, 51072E and four each
		948E and 57285
54990	8964	Tension (upper thread) Releasing Shaft
		Spring

Genuine Singer Needles and their Containers are marked with the Company's Trade Mark "SIMANCO."

Needles in Containers marked

"For Singer Machines"
are not Singer made needles.

# FOR MACHINES Nos. 147-30 and 147-31

#### NUMERICAL LIST OF PARTS

NO. PLATE	NAME
144р 8901	Arm Rotary Shaft Screw
157w 8904	Feed Dog Screw
159F 8901	Arm Rotary Shaft Flanged Bushing Screw
161 <sub>D</sub> 8958	Presser Bar Lifting Lever Extension Screw
171 <sub>D</sub> 8958	Looper Carrier Adjusting Screw for 54027
175E 8958	" Driver Cap Screw for 54230
175E 8958	Slack Thread Regulator Holder Clamping
	Screw for 54042
176р 8958	Needle Guard Holder Screw
176 <sub>D</sub> 8958	Thread (under) Nipper Spring Screw
176 <sub>D</sub> 8958	" (upper) Eyelet Screw
187E 8958	Needle Bar Connecting Stud Screw for
	54328
190р 8958	Presser Foot Screw
190р 8958	Thread (under) Eyelet (back) Screw
190р 8958	" Take-up Staple Spring
	Screw
190р 8958	Slack Thread Controller Clamp Screw
207р 9872	Thread (under) Take-up Stripper Screw.
207р 9872	Thread (upper) Controller Screw
208E 8985	" Unwinder Thread Guide Rod
011 0050	Screw for 225392
211 <sub>F</sub> 8958	Thread (upper) Take-up Set Screw for
017 0004	54328 Feed Eccentric Clamping Washer Screw
217р 8904	
017- 0004	for 54025 Needle Guard Screw
217 <sub>D</sub> 8904 227 <sub>D</sub> 8958	Looper Driving Shaft and Feed Lifting
221D 8998	Eccentric Bracket Oil Hole Screw for
	54368
000 0050	
229 <sub>D</sub> 8958 - 236 <sub>D</sub> 9872	Looper (front) Screw (left) for 68015 Face Plate Thread Guard Screw
286p 8904	Arm Side Cover (back) Thumb Screw
286b 8904 286b 8904	" " (front) Thumb Screw
286p 8904 286p 8904	Face Plate Thumb Screw
316F 8958	Tension (upper thread) Releasing Shaft
010L 0990	Stop Screw
356c 8985	Rock Shaft Knee Arm Hub Set Screw for
	2766
356c 8985	Rock Shaft Knee Plate Set Screw for 2767
356c 8985	" Lifting Bracket Hook Set Screw
	for 6337.

NO. PLATE	NAME
356c 8985	Rock Shaft Lifting Bracket Set Screw for
	6337
356c 8985	Rock Shaft Stop Dog Set Screw for 2770
376р 8958	Tension (upper thread) Bracket Screw
422c 8901	Arm Rotary Shaft Bushing (intermediate)
	Set Screw (long)
423c 8901	Arm Rock Shaft Bushing (intermediate)
2230 0002	Set Screw
430c 8904	Balance Wheel Set Screw for 64259
446c 8901	Arm Rock Shaft Bushing (back) Set Screw
446c 8901	Looper Carrier Connection Shaft Bushing
4400 8901	
117-0050	Set Screw
447c 8958	Presser Bar Guide Bracket Guide Set
	Screw
447c 8958	Presser Bar Lifter Hinge Pin Set Screw
453c 8901	Arm Rock Shaft Collar Set Screw for
	54004
453c 8901	Arm Rock Shaft Crank (front) Set Screw
	for 64255
453c 8901	Arm Rock Shaft Flanged Bushing Front
	Set Screw
453c 8901	Feed Bar Hinge Pin Set Screw for 54488.
453c 8901	" Rocking Frame Hinge Pin Bushing
	Set Screw
453c 8901	Feed Rocking Frame Hinge Pin Set Screw
	for 54026
453c 8901	Presser Bar Guide Bracket Set Screw for
	54039
457c 8904	Feed Connecting Rod Hinge Pin Collar
20.0 0001	Set Screw for 21506
460c 9872	Presser Bar Lifting Lever Connecting
1000 0012	Stud Set Screw for 61047
460c 9872	Thread (under) Take-up Thread Guard
1000 3012	Steady Pin Set Screw for 54049
465c 8958	Thread (under) Nieger Con Set Con-
4000 8908	Thread (under) Nipper Cam Set Screw
465c 8958	for 64351
4000 8998	Thread (under) Take-up Set Screw for
574 0050	38475
574w 8958	Pressure Regulating Thumb Screw
624c 8958	Tension (upper thread) Releasing Shaft
640- 0050	Crank Set Screw for 54047
640р 8958	Looper Driving Shaft and Feed Lifting
040 00=	Eccentric Screw for 54384 and 68111
640w 8958	Presser Bar Guide Bracket Adjusting
	Screw for 54039
665w 9877	Presser Foot Needle Plate Spring Screw
	for 54499 and 68088

NO. PLATE	NAME
704w 8958	Looper Holder Screw
725л 8904	Cloth Plate Slide (left) Spring Screw for
	54013
725л 8904	Cloth Plate Slide (right) Spring Screw for
	54056, 54058 and 68192
742F $9872$	Tension (under thread) Plate Screw
742F 9872	Throat Plate Screw
761E 8901	Looper Driving Shaft and Feed Lifting
	Eccentric Bracket Bushing Set Screw
	for 54034
802D 8958	Presser Bar Lifting Lever Hinge Screw
896E 8904	Crank Connecting Rod Cap (lower) Screw
	for 54017
896E 8904	Feed Connecting Rod Cap Screw for 54111
948D 8958	Looper Driving Shaft and Feed Lifting
	Eccentric Bracket Screw for 54001 and
	68109
948E 8958	Machine Screw, to fasten machine to base,
	for 54358 and 68224
965D 9872	Thread (under) Take-up Staple Bracket
	Screw
1011F 8904	Cloth Plate Screw (left)
1019c 8958	Slack Thread Regulator Holder Shaft
	Collar Set Screw for 24292
1057E 8904	Crank Connecting Rod Cap (upper) Screw
	for 54017
1057E 8904	Feed Connecting Rod Clamping Screw for
	54111
1103c 8904	Feed Regulating Screw for 54025
1120c 8958	Looper (intermediate) Set Screw for 54061
1133E 8958	Needle Bar Bushing (lower) Set Screw
1133c 8958	" " (upper) Set Screw
1133c 8958	Presser Bar Bushing (lower) Set Screw
1133c 8958	" " (upper) Set Screw
1147c 9872	Looper (back) Set Screw for 54061
1192c 8985	Belt Guard Hinge Pin Set Screw for 54357,
	obsolete
1192c 8985	Belt Guard Set Screw for 54356, obsolete
1235 <sub>D</sub> 9872	Cloth Plate Thread Guard Screw
1250c 8911	Presser Bar Lifter Stop Screw
1253c ——	Slack Thread Regulator Holder Shaft
	Crank Set Screw for 54044
1259c 8958	Arm Rotary Shaft Collar Set Screw for
1000	54008
1302р 9872	Looper (front) Screw (right) for 68015
1449р 9872	Thread (upper) Take-up Plate Spring
	Screw for 68009

	PLATE	NAME
1498F	9872	Needle Set Screw for 128215
1516E	8904	Crank Connecting Rod Ball Screw Stud Nut
1520л	0872	Needle Bar Connecting Link Hinge Stud
10203	9012	Nut
1539w	9872	Pressure Regulating Thumb Screw Lock
		Nut
1547л	9872	Tension (upper thread) Releasing Shaft
		Stop Screw Nut
1698E	9872	Looper Thread Guide Nut
1872	8985	Presser Bar Lifter Roller and Stud for
		61047
1963	8985	Presser Bar Guide Bracket Roller and
		Stud for 54039
2102	8964	Tension (under thread) Disc
2102	8964	" (upper thread) Disc
2117	8901	Arm Rock Shaft Crank (front) Pin
2763	8980	Rock Shaft for 23767
2766	8980	Rock Shaft Knee Arm Hub with 356c, for
2.00	0000	6336
2767	8980	Rock Shaft Knee Plate with 356c, for 6336
2770	8980	" Stop Dog with 356c, for 23767
4822	8941	Wrench for 1547 (Accessories)
4879	8941	Chain Connecting Link.
4882	8941	Treadle Shaft for 126252
5604	8952	Bench Stand Slide Spring Pin for 79611
6055	9872	Machine Base Bolt Nut Washer for 54358
0000	9012	and 68224
6335	8980	Rock Shaft Knee Arm for 6336
6336	0000	Rock Shaft Knee Arm complete for 23767,
0550		Nos. 2766, 2767 and 6335
6337	8980	Rock Shaft Lifting Bracket with two 356c
0001		for 23767
6439		Chain, 36 in. to 45 in., with 56864 and
0.100		56865
6575	8904	Crank Connecting Rod Oil Pad Stop Pin
		for 54017
7071	8904	Feed Eccentric Clamping Washer for
		54025
7125	8980	Rock Shaft Lifting Bracket Hook for
		23767
8909	8941	Wrench for 1520 (Accessories)
9370	8952	Bench Stand Slide Spring for 79611
11173	8985	Presser Bar Guide Bracket Guide
11184	9877	Presser Foot Leveling Plate Hinge Pin for
	CONTRACTOR OF THE PARTY OF THE	54499 and 68088

	V. 100 V.	N. Carry
NO.	PLATE	NAME
12242	8980	Rock Shaft Hanger with two wood screws
		1 in. No. 10 for 23767
15196	8902	Arm Side Cover (back)
17547	8964	Tension (under thread) Thread Guide
19221	8941	Wrench for 1516 (Accessories)
21506	8904	Feed Connecting Rod Hinge Pin Collar
		with 457c, for 68022
*23729		Feed Eccentric Body for 54025
23767	8980	Rock Shaft complete, Nos. 2763, 2770,
		6336, 6337, 7125 and two 12242
24292	9870	Slack Thread Regulator Holder Shaft
		Collar with 1019c
25303	8961	Presser Bar Ball, size 1/4 in., for 64330
26026	8941	Screw Driver, large (Accessories)
26276	8911	Presser Foot Hinge Pin for 68027, 68203
		and 120754
26485	8941	Screw Driver, small (Accessories)
27347	8985	Belt Guard Hinge Pin for 54358, obsolete
27739	8996	Thread Cone (wood) for large cones
32572	8964	Tension (upper thread) Releasing Disc
37563		Chain, length 15 in., with 56864 and 56865
38210	9870	Thread (under) Nipper Spring (lower)
38211	9870	" " (upper)
38419	8904	Cloth Plate Slide (left) Spring for 54013.
38419	8904	" " (right) Spring for 54056,
		54058 and 68192
38456	8961	Needle Bar Bushing (lower)
38456	8961	Presser Bar Bushing (upper)
38468	9872	Presser Bar Spring Stud
38475	9876	Thread (under) Take-up with 465c
38482	9871	" " Stripper
38487	8941	Threading Wire (Accessories)
40326	8961	Looper Driving Shaft and Feed Lifting
20020	0002	Eccentric Oil Pad (braided cotton)
41538		Bench Stand Flush Bolt with Plate com-
		plete for 79611, Nos. 126247, 126248
		and four brass wood screws 5% in. No. 4
42366	8901	Arm Oil Pad (braided cotton) for oiling
		Arm Rock Shaft Front Bearing
46041	9871	Thread (under) Take-up Staple Spring
46087		Presser Foot Shank for 68027, 68203 and
		120754
46111	8911	Face Plate Pin.
46247	9870	Thread (under) Nipper Spring (upper)
		Stop
49013	8904	Arm Rotary Shaft Front Bearing Oil Pad
		(braided cotton)

	NO.	PLATE	NAME
	49013	8904	Looper Carrier Connection Shaft Oil Pad
			(braided cotton)
	49092	9870	Oil Tube Packing (felt) for 54110
	49123	8996	Machine Base Oil Pipe for 54358 and 68224
	50069c		Crank Connecting Rod Ball Screw Stud
		0001	for 54088
	50083c	8901	Arm Rock Shaft Crank (back) Set Screw for 54005
	50084c	9872	Arm Rotary Shaft Bushing (intermediate) Set Screw (short)
	50150c	8958	Slack Thread Regulator Set Screw for 54042
	50326c	8964	Tension (under thread) Screw Stud for
			59539
	50326c	8964	Tension (upper thread) Screw Stud for 59539
	50429	8904	Feed Dog Stop Screw for 54488
	50473F	8904	Cloth Plate Screw (right)
	51061c	8958	Feed Eccentric Body Set Screw for 54025
	51065c	9877	Presser Foot Shank Screw for 54499 and
			68088
	51072E	9872	Machine Base Bolt with 51581E, for 54358
			and 68224
	51131E	9872	Arm Rotary Shaft Bushing (front) Set Screw
	51570c	8964	Tension (under thread) Regulating Thumb Nut for 59539
	51570c	8964	Tension(upper thread) Regulating Thumb
		0001	Nut for 59539
	51581E	9872	Machine Base Bolt Nut for 51072E
	52045	8901	Arm Oil Tube Packing (braided cotton) for 56003
	52045	8901	Arm Rock Shaft Bushing Oil Pad (braided
			cotton)
	52045	8901	Arm Rock Shaft Flanged Bushing (front) Oil Pad (braided cotton)
	52045	8901	Arm Rotary Shaft Bushing (front) Oil Pad
1157			(braided cotton)
*	54001		Arm, upper and lower (solid) with 948p and 54034, for 147-30 Machine
	54002	8902	Arm Rock Shaft for 54079
	54004	8901	" " Collar with two 453c, for
			54079
	54005	8901	Arm Rock Shaft Crank (back) with two
			50083c, for 54079

NO. *54006	PLATE 9880	NAME Arm Rotary Shaft for 54384	
No	TE: W	Then No. 54006 is required for repairs, the	
Looper Driving Shaft and Feed Lifting Eccentric			
	mu	ist be returned to the factory to be	
		adjusted to the new part.	
54007	8902	Arm Rotary Shaft Bushing (intermediate)	
F.1000	0001	for 54089	
54008	8901	Arm Rotary Shaft Collar with three 1259c for 54384 and 68111	
54009	8902	Arm Rotary Shaft Flanged Bushing for	
02000		54090	
54010	8904	Arm Side Cover (front)	
54011	9880	Cloth Plate for 54059, 54060 and 68267	
54012	8902	Since (left) 101 34013	
54013		Cloth Plate Slide (left) complete for 54059, 54060, and 68267, Nos. 38419, 54012	
		and two 7251	
54017	8902	Crank Connecting Rod with 6575, 54018,	
		54218, 54897, 57222 and two each 896E	
		and 1057E, for 54088	
*54018		Crank Connecting Rod Cap (upper) for	
E4090	2002	54017 Feed Bar Connection for 68022	
54020 54023	8902 8911	" Connecting Rod Hinge Pin for 68022	
*54024	0311	" Eccentric for 54025	
54025	8985	Feed Eccentric (adjustable) complete for	
		54113, Nos. 217p, 1103c, 7071, 23729,	
		54024 and two 51061c	
54026	9873	Feed Rocking Frame with two 453c, for 68022	
54027	9869	Looper Carrier with two 171p, for 54383.	
*54032		" " Driver Cap for 54230	
*54034		" Driving Shaft and Lifting Eccen-	
		tric Bracket with 761E, for 54001 and	
F 1000	0001	68109	
54038 54039	8961 8985	Needle Guard Holder Presser Bar Guide Bracket with 453c,	
94099	0900	640w and 1963	
54040	9873	Presser Bar Spring (flat)	
54042	9870	Slack Thread Regulator Holder with 175E	
54040	0070	and two 50150c	
54043 54044	9870 9870	Slack Thread Regulator Holder Shaft	
04044	9010	Crank (forked) with 1253c	
54047	8964	Tension (upper thread) Releasing Shaft	
		Crank with 624c	

NO.	PLATE	NAME
54048	8964	Tension (upper thread) Releasing Shaft
		Crank Link
54049	9873	Thread (under) Take-up Staple Bracket
		with 460c
54055	9874	Cloth Plate Slide (right) for 54056
54056		Cloth Plate Slide (right) complete for
		54059, Nos. 38419, 54055 and two 7251
54057	9874	Cloth Plate Slide (right) for 54058
54058		Cloth Plate Slide (right) complete for
		54060, Nos. 38419, 54057 and two 7251
54059		Cloth Plate complete, for $\frac{3}{32}$ in. and $\frac{7}{64}$ in.
		gauges, for 68010, for 147-30 Machine,
		Nos. 54011, 54013 and 54056
54060		Cloth Plate complete, for 1/8 in. and 9/64 in.
		gauges, for 68010, for 147-30 Machine,
		Nos. 54011, 54013 and 54058
54061	9869	Looper Holder with 1120c and 1147c
54079		Arm Rock Shaft 54002 with 54004, 54005
		and 64255
54080	9876	Looper Driving Shaft and Feed Lifting
		Eccentric Bracket Bushing
54088	-	Crank Connecting Rod 54017 with 50069,
		for 54384 and 68111
54089		Arm Rotary Shaft Bushing (intermediate)
		54007 with 64508 and 64805
54090		Arm Rotary Shaft Flanged Bushing 54009
		with 58039 and 64805
54103	9873	Presser Bar Lifting Lever Extension,
		obsolete
54104	9880	Cloth Plate Thread Guard
54105	8901	Arm Rock Shaft Flanged Bushing (front)
54108		Oil Tube for 54110
54109		" " Bracket for 54110
54110	9870	Oil Tube complete, for oiling Crank
		Connecting Rod (upper bearing), Nos.
		49092, 54108 and 54109
54111	8902	Feed Connecting Rod with 1057E, 54112
01117	000-	and two 896E, for 54113
*54112		Feed Connecting Rod Cap for 54111
54113		" " 54111 with 54025,
04119		for 54384 and 68111
F4010	0004	Crank Connecting Rod Oil Pad (braided
54218	8904	cotton) for 54017
- 100-	0022	
54227	9869	Looper Carrier Connection for 54383
54228	9869	Shart 101 94909
54229	9876	" " Bushing

NO.	PLATE	NAME
54230	9869	Looper Carrier Driver with 54032 and
		four 175E, for 54383
54242	9870	Slack Thread Controller Clamp
54326	8961	Needle Bar Connecting Link for 54329
54327	8961	" " " Hinge Stud
		for 54329
54328	8961	Needle Bar Connecting Stud with 211F
100000000000000000000000000000000000000		and two 187E, for 54329
54329		Needle Bar Connecting Link 54326 with
* 1000		54327 and 54328
54330	9871	Thread (upper) Controller
54356	8980	Belt Guard with 1192c, for 54358, obsolete Machine Base with 1192c, for 54358,
54357	8980	
54358		obsolete
94998		Nos. 27347, 49123, 54356, 54357, 60884,
		three each 6055, 51072E and four each
		948E and 57285, obsolete
54367	8985	Arm Rotary Shaft Bushing (front)
*54368	8961	Looper Driving Shaft and Feed Lifting
01000	0001	Eccentric with 227p and two 64315, for
		54383
Nomn	. Who	n No. 54368 is required for repairs, the Arm
NOTE	: vv ne	
• 1	Rotary	Shaft must be returned to the factory
	Rotary	
54381	Rotary t 9870	Shaft must be returned to the factory to be adjusted to the new part.  Slack Thread Controller
	Rotary t	Shaft must be returned to the factory to be adjusted to the new part.  Slack Thread Controller
54381	Rotary t 9870	Shaft must be returned to the factory to be adjusted to the new part.  Slack Thread Controller  Looper Driving Shaft and Feed Lifting Eccentric 54368 with 54027, 54227,
54381	Rotary t 9870	Shaft must be returned to the factory to be adjusted to the new part.  Slack Thread Controller  Looper Driving Shaft and Feed Lifting Eccentric 54368 with 54027, 54227, 54228 and 54230, for 54384 and 68111
54381	Rotary t 9870	Shaft must be returned to the factory to be adjusted to the new part.  Slack Thread Controller
54381 54383	Rotary t 9870	Shaft must be returned to the factory to be adjusted to the new part.  Slack Thread Controller
54381 54383	Rotary t 9870	Shaft must be returned to the factory to be adjusted to the new part.  Slack Thread Controller  Looper Driving Shaft and Feed Lifting Eccentric 54368 with 54027, 54227, 54228 and 54230, for 54384 and 68111  Arm Rotary Shaft 54006 with 640D, 54008, 54088, 54113, 54383, 64351 and 64355, for 147-30 Machine
54381 54383 54384 54486	9870 ————————————————————————————————————	Shaft must be returned to the factory to be adjusted to the new part.  Slack Thread Controller.  Looper Driving Shaft and Feed Lifting Eccentric 54368 with 54027, 54227, 54228 and 54230, for 54384 and 68111  Arm Rotary Shaft 54006 with 640D, 54008, 54088, 54113, 54383, 64351 and 64355, for 147-30 Machine.  Face Plate.
54381 54383 54384 54486 54487	9870 ————————————————————————————————————	Shaft must be returned to the factory to be adjusted to the new part.  Slack Thread Controller  Looper Driving Shaft and Feed Lifting Eccentric 54368 with 54027, 54227, 54228 and 54230, for 54384 and 68111  Arm Rotary Shaft 54006 with 640D, 54008, 54088, 54113, 54383, 64351 and 64355, for 147-30 Machine  Face Plate  "Thread Guard
54381 54383 54384 54486	9870 ————————————————————————————————————	Shaft must be returned to the factory to be adjusted to the new part.  Slack Thread Controller.  Looper Driving Shaft and Feed Lifting Eccentric 54368 with 54027, 54227, 54228 and 54230, for 54384 and 68111  Arm Rotary Shaft 54006 with 640D, 54008, 54088, 54113, 54383, 64351 and 64355, for 147-30 Machine.  Face Plate.  "Thread Guard.  Feed Bar with 50429c and two 453c, for
54381 54383 54384 54486 54487	9870 ————————————————————————————————————	Shaft must be returned to the factory to be adjusted to the new part.  Slack Thread Controller.  Looper Driving Shaft and Feed Lifting Eccentric 54368 with 54027, 54227, 54228 and 54230, for 54384 and 68111  Arm Rotary Shaft 54006 with 640D, 54008, 54088, 54113, 54383, 64351 and 64355, for 147-30 Machine.  Face Plate.  "Thread Guard.  Feed Bar with 50429c and two 453c, for 68022.
54381 54383 54384 54486 54487	9870 ————————————————————————————————————	Shaft must be returned to the factory to be adjusted to the new part.  Slack Thread Controller.  Looper Driving Shaft and Feed Lifting Eccentric 54368 with 54027, 54227, 54228 and 54230, for 54384 and 68111  Arm Rotary Shaft 54006 with 640D, 54008, 54088, 54113, 54383, 64351 and 64355, for 147-30 Machine.  Face Plate.  "Thread Guard.  Feed Bar with 50429c and two 453c, for 68022.  Feed Dog, 22 teeth (14 teeth to the inch)
54381 54383 54384 54486 54487 54488	9870 ————————————————————————————————————	Shaft must be returned to the factory to be adjusted to the new part.  Slack Thread Controller.  Looper Driving Shaft and Feed Lifting Eccentric 54368 with 54027, 54227, 54228 and 54230, for 54384 and 68111  Arm Rotary Shaft 54006 with 640p, 54008, 54088, 54113, 54383, 64351 and 64355, for 147-30 Machine.  Face Plate.  "Thread Guard.  Feed Bar with 50429c and two 453c, for 68022.  Feed Dog, 22 teeth (14 teeth to the inch) for 68010.
54381 54383 54384 54486 54487 54488 54489	9870 9870 9874 9874 9874 9875 9869	Shaft must be returned to the factory to be adjusted to the new part.  Slack Thread Controller.  Looper Driving Shaft and Feed Lifting Eccentric 54368 with 54027, 54227, 54228 and 54230, for 54384 and 68111  Arm Rotary Shaft 54006 with 640p, 54008, 54088, 54113, 54383, 64351 and 64355, for 147-30 Machine.  Face Plate.  "Thread Guard.  Feed Bar with 50429c and two 453c, for 68022.  Feed Dog, 22 teeth (14 teeth to the inch) for 68010.  Looper (back) closed eye.
54381 54383 54384 54486 54487 54488 54489 54490 54491	9870 9870 9874 9871 9874 9875 9869 9869	Shaft must be returned to the factory to be adjusted to the new part.  Slack Thread Controller.  Looper Driving Shaft and Feed Lifting Eccentric 54368 with 54027, 54227, 54228 and 54230, for 54384 and 68111  Arm Rotary Shaft 54006 with 640p, 54008, 54088, 54113, 54383, 64351 and 64355, for 147-30 Machine.  Face Plate.  "Thread Guard.  Feed Bar with 50429c and two 453c, for 68022.  Feed Dog, 22 teeth (14 teeth to the inch) for 68010.  Looper (back) closed eye.  "(front) closed eye, for 68015
54381 54383 54384 54486 54487 54488 54489 54490 54491 54492	9870 9870 9874 9874 9874 9875 9869	Shaft must be returned to the factory to be adjusted to the new part.  Slack Thread Controller.  Looper Driving Shaft and Feed Lifting Eccentric 54368 with 54027, 54227, 54228 and 54230, for 54384 and 68111  Arm Rotary Shaft 54006 with 640p, 54008, 54088, 54113, 54383, 64351 and 64355, for 147-30 Machine.  Face Plate.  "Thread Guard.  Feed Bar with 50429c and two 453c, for 68022.  Feed Dog, 22 teeth (14 teeth to the inch) for 68010.  Looper (back) closed eye.  "(front) closed eye, for 68015  "(intermediate) closed eye, for 68015
54381 54383 54384 54486 54487 54488 54489 54490 54491	9870 9870 9874 9871 9874 9875 9869 9869	Shaft must be returned to the factory to be adjusted to the new part.  Slack Thread Controller.  Looper Driving Shaft and Feed Lifting Eccentric 54368 with 54027, 54227, 54228 and 54230, for 54384 and 68111  Arm Rotary Shaft 54006 with 640p, 54008, 54088, 54113, 54383, 64351 and 64355, for 147-30 Machine.  Face Plate.  "Thread Guard.  Feed Bar with 50429c and two 453c, for 68022.  Feed Dog, 22 teeth (14 teeth to the inch) for 68010.  Looper (back) closed eye.  "(front) closed eye. for 68015  "(intermediate) closed eye, for 68015  Needle Bar complete, Nos. 64319 and
54381 54383 54384 54486 54487 54488 54489 54490 54491 54492 54493	9870 9870 9874 9871 9874 9875 9869 9869 9869	Shaft must be returned to the factory to be adjusted to the new part.  Slack Thread Controller.  Looper Driving Shaft and Feed Lifting Eccentric 54368 with 54027, 54227, 54228 and 54230, for 54384 and 68111  Arm Rotary Shaft 54006 with 640p, 54008, 54088, 54113, 54383, 64351 and 64355, for 147-30 Machine.  Face Plate.  "Thread Guard.  Feed Bar with 50429c and two 453c, for 68022.  Feed Dog, 22 teeth (14 teeth to the inch) for 68010.  Looper (back) closed eye.  "(front) closed eye. for 68015  "(intermediate) closed eye, for 68015  Needle Bar complete, Nos. 64319 and 128215
54381 54383 54384 54486 54487 54488 54489 54490 54491 54492 54493	9870 9870 9874 9871 9874 9875 9869 9869	Shaft must be returned to the factory to be adjusted to the new part.  Slack Thread Controller.  Looper Driving Shaft and Feed Lifting Eccentric 54368 with 54027, 54227, 54228 and 54230, for 54384 and 68111  Arm Rotary Shaft 54006 with 640p, 54008, 54088, 54113, 54383, 64351 and 64355, for 147-30 Machine.  Face Plate.  "Thread Guard.  Feed Bar with 50429c and two 453c, for 68022.  Feed Dog, 22 teeth (14 teeth to the inch) for 68010.  Looper (back) closed eye.  "(front) closed eye. for 68015  "(intermediate) closed eye, for 68015  Needle Bar complete, Nos. 64319 and

NO.	PLATE	NAME
54495		Presser Foot Leveling Plate for 54499 and
		68088
54496		Presser Foot Needle Plate for 54499
54497		" " Plate for 54499
54498		Presser Foot Shank for 54499 and 68088.
54499	9877	" (hinged) complete, for $\frac{3}{32}$ in.
		to 1/8 in. gauges, for overall work, Nos.
		11184, 54495 to 54498, 68160, 68161 and
		two each 665w and 51065c
54500	9870	Slack Thread Regulator
54897	8904	Crank Connecting Rod Oil Cup for 54017
54988	8964	Tension (upper thread) Releasing Pin
54990	8964	" " " Shaft
		Spring, obsolete
56003	8985	Arm Oil Tube with 52045, for oiling 54326
56006	8901	" " Pad (braided cotton) for oiling
		Arm Rock Shaft (intermediate) Bearing
56864	8941	Chain Hook (large) for 6439
56865	8985	" (small) for 6439
57076	8964	Tension (upper thread) Thread Guide
		(double)
*57222	-	Crank Connecting Rod Cap (lower) for
		54017
57225	8904	Feed Bar Hinge Pin for 68022
57234	8911	" Rocking Frame Hinge Pin
57235	8985	" " " Bushing.
57257	8911	Presser Bar Lifter
57258	8911	" " " Hinge Pin
57285	8996	Machine Cushion (felt) for 54358 and
		68224
58039	8902	Arm Rotary Shaft Flanged Bushing Oil
		Pad (long) braided cotton, for 54090
59456	9870	Looper Thread Guide Nut Washer
59534	8964	Tension (under thread) Spring
59535	8964	" (upper thread) Spring
59537	8964	" (under thread) Spring Bushing
		(large)
59537	8964	Tension (upper thread) Spring Bushing
		(large)
59538	8964	Tension (under thread) Spring Bushing
		(small)
59538	8964	Tension (upper thread) Spring Bushing
F0 F0 6		(small)
59539		Tension (under thread) Screw Stud 50326c
F0.500		with 51570c
59539		Tension (upper thread) Screw Stud 50326c
		with 51570c

NO.	PLATE	NAME
60656	8952	Bench Stand Hinge for 79611
60884	8985	Machine Base Oil Pipe Plug for 54358 and 68224.
61047	8911	Presser Bar Lifting Bracket with 460c and 1872.
61075	8911	Presser Bar Lifting Lever Connecting
0.1055	0011	Stud.
64255	8911	Arm Rock Shaft Crank (front) with 453c, for 54079
64259	9874	Balance Wheel with two 430c
64268	8904	Crank Connecting Rod Ball Screw Stud
		Nut Washer
64315	9870	Looper Driving Shaft and Feed Lifting
		Eccentric Bracket Oil Hole Plug for 54368
64319	9872	Needle Bar (hollow) for 54493
64320	8961	" Bushing (upper)
64330	9873	Presser Bar with 25303
64331	8911	" Bushing (lower)
64351	9870	Thread (under) Nipper Cam with 465c,
		for 54384 and 68111
64355	9871	Thread (under) Take-up Thread Guard
		(brass) for 54384 and 68111
64356	9871	Thread (under) Take-up Thread Guard Steady Pin
64362	8996	Presser Bar Lifting Lever, obsolete
64386	8901	Arm Rock Shaft Bushing (back)
64388	8901	" " (intermediate).
64508	8902	" Rotary Shaft Bushing (intermediate)
01000	0002	Oil Pad (long) braided cotton, for 54089
64805	8985	Arm Rotary Shaft Bushing (intermediate)
04000	0900	Oil Pad (short) braided cotton, for 54089
64805	8985	Arm Rotary Shaft Flanged Bushing Oil
,		Pad (short) braided cotton, for 54090.
68001	9871	Tension (under thread) Plate
68002	9874	" (upper thread) Bracket
68003	9874	" " Releasing Shaft
68004	9871	Thread (under) Eyelet (back)
68005	9871	" " (front)
68006	9871	" (upper) Eyelet
68007	9871	" Take-up for 68009
68008	9871	" " Plate for 68009.
68009		Thread (upper) Take-up complete, Nos.
		1449р, 68007, 68008 and 68164
68010	9875	Throat Plate, for $\frac{3}{32}$ in. to $\frac{9}{64}$ in. gauges,
		for 54489

NO.	PLATE	NAME
68015		Looper (intermediate) 54492 with 229D,
		1302p and 54491
68022		Feed Rocking Frame 54026 with 21506,
		54020, 54023, 54488 and 57225
68026		Presser Foot Plate for 68027
68027	9877	Presser Foot (hinged) guide on bottom,
00021	3011	complete, for $\frac{3}{32}$ in. to $\frac{9}{64}$ in. gauges,
		Nos. 26276, 46087 and 68026
00070	0075	
68072	9875	Feed Dog, 14 teeth (19 teeth to the inch)
		for 68073
68073	9875	Throat Plate, for $\frac{5}{32}$ in. to $\frac{3}{16}$ in. gauges,
		for 68072, for 147-30 Machine
68083	9871	Looper Thread Guide
68086		Presser Foot Needle Plate for 68088
68087		" " Plate for 68088
68088	9877	Presser Foot (hinged) complete, for $\frac{9}{64}$ in.
		to $\frac{3}{16}$ in. gauges, for overall work, Nos.
		11184, 54495, 54498, 68086, 68087,
		68160, 68161 and two each 665w and
		51065c
*68109		Arm, upper and lower (solid) with 948p
00100		and 54034, for 147-31 Machine
*68110	9880	Arm Rotary Shaft for 68111
00110	9000	Arm Rolary Shall for bolling
-		Time Lovery Commence of Commen
		then No. 68110 is required for repairs, the
No	TE: W	
No	TE: W	then No. 68110 is required for repairs, the
No	TE: W	Then No. 68110 is required for repairs, the Driving Shaft and Feed Lifting Eccentric ust be returned to the factory to be
No	TE: W	then No. 68110 is required for repairs, the Driving Shaft and Feed Lifting Eccentric ast be returned to the factory to be adjusted to the new part.
No	TE: W	Then No. 68110 is required for repairs, the Driving Shaft and Feed Lifting Eccentric ast be returned to the factory to be adjusted to the new part.  Arm Rotary Shaft 68110 with 6400, 54008,
No 1	TE: W	Then No. 68110 is required for repairs, the Driving Shaft and Feed Lifting Eccentric ast be returned to the factory to be adjusted to the new part.  Arm Rotary Shaft 68110 with 6400, 54008, 54088, 54113, 54383, 64351 and 64355,
No 1	TE: W	Then No. 68110 is required for repairs, the Driving Shaft and Feed Lifting Eccentric ast be returned to the factory to be adjusted to the new part.  Arm Rotary Shaft 68110 with 6400, 54008,
No 1	TE: W	Then No. 68110 is required for repairs, the Driving Shaft and Feed Lifting Eccentric ast be returned to the factory to be adjusted to the new part.  Arm Rotary Shaft 68110 with 6400, 54008, 54088, 54113, 54383, 64351 and 64355,
No 1 68111	Looper I	Then No. 68110 is required for repairs, the Driving Shaft and Feed Lifting Eccentric ast be returned to the factory to be adjusted to the new part.  Arm Rotary Shaft 68110 with 6400, 54008, 54088, 54113, 54383, 64351 and 64355, for 147-31 Machine
No 1 68111	Looper I	Chen No. 68110 is required for repairs, the Driving Shaft and Feed Lifting Eccentric ast be returned to the factory to be adjusted to the new part.  Arm Rotary Shaft 68110 with 640n, 54008, 54088, 54113, 54383, 64351 and 64355, for 147-31 Machine
No 1 68111 68160	DTE: W Looper I mu	Then No. 68110 is required for repairs, the Driving Shaft and Feed Lifting Eccentric ast be returned to the factory to be adjusted to the new part.  Arm Rotary Shaft 68110 with 6400, 54008, 54088, 54113, 54383, 64351 and 64355, for 147-31 Machine
No 1 68111 68160	DTE: W Looper I mu	Chen No. 68110 is required for repairs, the Driving Shaft and Feed Lifting Eccentric ast be returned to the factory to be adjusted to the new part.  Arm Rotary Shaft 68110 with 640n, 54008, 54088, 54113, 54383, 64351 and 64355, for 147-31 Machine  Presser Foot Needle Plate Spring (left) for 54499 and 68088  Presser Foot Needle Plate Spring (right) for 54499 and 68088
No 1 68111 68160 68161	9877	Chen No. 68110 is required for repairs, the Driving Shaft and Feed Lifting Eccentric ast be returned to the factory to be adjusted to the new part.  Arm Rotary Shaft 68110 with 6400, 54008, 54088, 54113, 54383, 64351 and 64355, for 147-31 Machine  Presser Foot Needle Plate Spring (left) for 54499 and 68088  Presser Foot Needle Plate Spring (right) for 54499 and 68088  Feed Dog, 15 teeth (10 teeth to the inch)
No 1 68111 68160 68161 68162	9877 9876	Chen No. 68110 is required for repairs, the Driving Shaft and Feed Lifting Eccentric ast be returned to the factory to be adjusted to the new part.  Arm Rotary Shaft 68110 with 640n, 54008, 54088, 54113, 54383, 64351 and 64355, for 147-31 Machine.  Presser Foot Needle Plate Spring (left) for 54499 and 68088.  Presser Foot Needle Plate Spring (right) for 54499 and 68088.  Feed Dog, 15 teeth (10 teeth to the inch) for 68163.
No 1 68111 68160 68161	9877	Then No. 68110 is required for repairs, the Driving Shaft and Feed Lifting Eccentric ast be returned to the factory to be adjusted to the new part.  Arm Rotary Shaft 68110 with 6400, 54008, 54088, 54113, 54383, 64351 and 64355, for 147-31 Machine  Presser Foot Needle Plate Spring (left) for 54499 and 68088.  Presser Foot Needle Plate Spring (right) for 54499 and 68088.  Feed Dog, 15 teeth (10 teeth to the inch) for 68163.  Throat Plate, for ½ in. to ¾ in. gauges,
No 1 68111 68160 68161 68162 68163	9877 9876 9876	Then No. 68110 is required for repairs, the Driving Shaft and Feed Lifting Eccentric ast be returned to the factory to be adjusted to the new part.  Arm Rotary Shaft 68110 with 640n, 54008, 54088, 54113, 54383, 64351 and 64355, for 147-31 Machine.  Presser Foot Needle Plate Spring (left) for 54499 and 68088.  Presser Foot Needle Plate Spring (right) for 54499 and 68088.  Feed Dog, 15 teeth (10 teeth to the inch) for 68163.  Throat Plate, for ½ in. to ½ in. gauges, for 68162, for 147-31 Machine.
No 1 68111 68160 68161 68162	9877 9876	Then No. 68110 is required for repairs, the Driving Shaft and Feed Lifting Eccentric ast be returned to the factory to be adjusted to the new part.  Arm Rotary Shaft 68110 with 6400, 54008, 54088, 54113, 54383, 64351 and 64355, for 147-31 Machine  Presser Foot Needle Plate Spring (left) for 54499 and 68088  Presser Foot Needle Plate Spring (right) for 54499 and 68088  Feed Dog, 15 teeth (10 teeth to the inch) for 68163  Throat Plate, for ½ in. to ½ in. gauges, for 68162, for 147-31 Machine  Thread (upper) Take-up Plate Spring for
No 1 68111 68160 68161 68162 68163 68164	9877 9876 9876	Then No. 68110 is required for repairs, the Driving Shaft and Feed Lifting Eccentric ast be returned to the factory to be adjusted to the new part.  Arm Rotary Shaft 68110 with 6400, 54008, 54088, 54113, 54383, 64351 and 64355, for 147-31 Machine.  Presser Foot Needle Plate Spring (left) for 54499 and 68088.  Presser Foot Needle Plate Spring (right) for 54499 and 68088.  Feed Dog, 15 teeth (10 teeth to the inch) for 68163.  Throat Plate, for ½ in. to ½ in. gauges, for 68162, for 147-31 Machine.  Thread (upper) Take-up Plate Spring for 68009.
8111 68160 68161 68162 68163 68164 68165	9877 9876 9876 9871	Then No. 68110 is required for repairs, the Driving Shaft and Feed Lifting Eccentric ast be returned to the factory to be adjusted to the new part.  Arm Rotary Shaft 68110 with 640n, 54008, 54088, 54113, 54383, 64351 and 64355, for 147-31 Machine.  Presser Foot Needle Plate Spring (left) for 54499 and 68088.  Presser Foot Needle Plate Spring (right) for 54499 and 68088.  Feed Dog, 15 teeth (10 teeth to the inch) for 68163.  Throat Plate, for ½ in. to ½ in. gauges, for 68162, for 147-31 Machine.  Thread (upper) Take-up Plate Spring for 68009.  Thread (under) Take-up Staple.
8111 68160 68161 68162 68163 68164 68165 68184	9877 9876 9876 9871 9871 9873	Then No. 68110 is required for repairs, the Driving Shaft and Feed Lifting Eccentric ast be returned to the factory to be adjusted to the new part.  Arm Rotary Shaft 68110 with 640n, 54008, 54088, 54113, 54383, 64351 and 64355, for 147-31 Machine.  Presser Foot Needle Plate Spring (left) for 54499 and 68088.  Presser Foot Needle Plate Spring (right) for 54499 and 68088.  Feed Dog, 15 teeth (10 teeth to the inch) for 68163.  Throat Plate, for ½ in. to ½ in. gauges, for 68162, for 147-31 Machine.  Thread (upper) Take-up Plate Spring for 68009.  Thread (under) Take-up Staple.  Presser Bar Lifting Lever Extension.
8111 68160 68161 68162 68163 68164 68165 68184 68191	9877 9876 9876 9871	Then No. 68110 is required for repairs, the Driving Shaft and Feed Lifting Eccentric ast be returned to the factory to be adjusted to the new part.  Arm Rotary Shaft 68110 with 6400, 54008, 54088, 54113, 54383, 64351 and 64355, for 147-31 Machine.  Presser Foot Needle Plate Spring (left) for 54499 and 68088.  Presser Foot Needle Plate Spring (right) for 54499 and 68088.  Feed Dog, 15 teeth (10 teeth to the inch) for 68163.  Throat Plate, for ½ in. to ½ in. gauges, for 68162, for 147-31 Machine.  Thread (upper) Take-up Plate Spring for 68009.  Thread (under) Take-up Staple.  Presser Bar Lifting Lever Extension.  Cloth Plate Slide (right) for 68192.
8111 68160 68161 68162 68163 68164 68165 68184	9877 9876 9876 9871 9871 9873	chen No. 68110 is required for repairs, the Driving Shaft and Feed Lifting Eccentric ast be returned to the factory to be adjusted to the new part.  Arm Rotary Shaft 68110 with 6400, 54008, 54088, 54113, 54383, 64351 and 64355, for 147-31 Machine.  Presser Foot Needle Plate Spring (left) for 54499 and 68088.  Presser Foot Needle Plate Spring (right) for 54499 and 68088.  Feed Dog, 15 teeth (10 teeth to the inch) for 68163.  Throat Plate, for ½ in. to ¾ in. gauges, for 68162, for 147-31 Machine.  Thread (upper) Take-up Plate Spring for 68009.  Thread (under) Take-up Staple.  Presser Bar Lifting Lever Extension.  Cloth Plate Slide (right) for 68192.  Cloth Plate Slide (right) complete for
8111 68160 68161 68162 68163 68164 68165 68184 68191	9877 9876 9876 9871 9871 9873	Then No. 68110 is required for repairs, the Driving Shaft and Feed Lifting Eccentric ast be returned to the factory to be adjusted to the new part.  Arm Rotary Shaft 68110 with 6400, 54008, 54088, 54113, 54383, 64351 and 64355, for 147-31 Machine.  Presser Foot Needle Plate Spring (left) for 54499 and 68088.  Presser Foot Needle Plate Spring (right) for 54499 and 68088.  Feed Dog, 15 teeth (10 teeth to the inch) for 68163.  Throat Plate, for ½ in. to ½ in. gauges, for 68162, for 147-31 Machine.  Thread (upper) Take-up Plate Spring for 68009.  Thread (under) Take-up Staple.  Presser Bar Lifting Lever Extension.  Cloth Plate Slide (right) for 68192.

NO.	PLATE	NAME
68203	9877	Presser Foot (hinged) complete, for $\frac{3}{32}$ in.
		to $\frac{3}{16}$ in. gauges, for 147-30 Machine,
		Nos. 26276, 46087 and 68202
68208	9873	Presser Bar Lifting Lever
68222	9879	Belt Guard with two screws 1 in. No. 12.
68223	9879	Machine Base for 68224
68224		Machine Base complete, Nos. 49123, 60884,
		68223, three each 6055, 51072E and four
		each 948E and 57285
68247		Needle Guard, for $\frac{5}{32}$ in. to $\frac{3}{16}$ in. gauges
00001		between each needle
68261		Tension (upper thread) Releasing Shaft Spring.
68267		Cloth Plate complete, for $\frac{5}{32}$ in. to $\frac{3}{16}$ in.
		gauges, for 68073, for 147-30 Machine
		and for $\frac{1}{8}$ in. to $\frac{3}{16}$ in. gauges, for
		68163, for 147-31 Machine, Nos. 54011,
		54013 and 68192
79611		Bench Stand with 5604, 9370, two 41538,
		three wood screws 11/4 in. No. 14, four
		60656 and sixteen wood screws 5/8 in.
100041	0041	No. 7
120341 120344	8941	Tweezers, curved (Accessories)
120344	8941	Oiler (copper plated) with 120345 (Accessories)
120345	8941	Oiler Spout, 5 in. long, for 120344
120524	9878	Lap Seam Feller on Shank
120707	9878	" " " to allow for
		taking work out of folder and finishing
		pocket seams
120753		Presser Foot Plate with Edge Folder, for
		120754
120754	9877	Presser Foot (hinged) with Edge Folder
		complete, for yoking, for $\frac{3}{32}$ in. to $\frac{3}{16}$ in.
		gauges, for 147-30 Machine, Nos. 26276,
		46087 and 120753
126247	8952	Bench Stand Flush Bolt for 41538
126248	8952	Plate for 41558
126249 126250	8980 8941	Treadle for 126252
126250	8941	" Spring for 126252
126252	8980	Treadle complete, Nos. 4882, 126249 to
120202	0000	126251 and two wood screws 1 in. No. 16
128215	9872	Needle Clamp with three 1498r, for 54493
200383c	8985	Thread Unwinder Spool Rest Rod Set
		Screw for 202490

NO.	PLATE	NAME
2010180	8985	Thread Unwinder Spool Rest Set Screw for 225395
201696л	9872	Thread Unwinder Thread Guide Lock Nut for 225378
202490	8997	Thread Unwinder Spool Stand with 200383c, for 225378
225378	8997	Thread Unwinder complete, Nos. 2016961, 202490, 225388, 225392, three each 225395, six 225391 and three wood screws ½ in. No. 12
225388	8997	Thread Unwinder Spool Rest Rod for 225378
225390	8996	Thread Unwinder Thread Cone Holder, for inverted cones
225391	8997	Thread Unwinder Thread Guide for 225378
225392	8997	" " Rod with
		208E and 225393, for 225378
225393	9872	Thread Unwinder Thread Guide Rod Washer for 225392
225395	8997	Thread Unwinder Spool Rest (for two spools) with 201018c for 225378

Genuine Singer Needles and their Containers are marked with the Company's Trade Mark "SIMANCO."

Needles in Containers marked

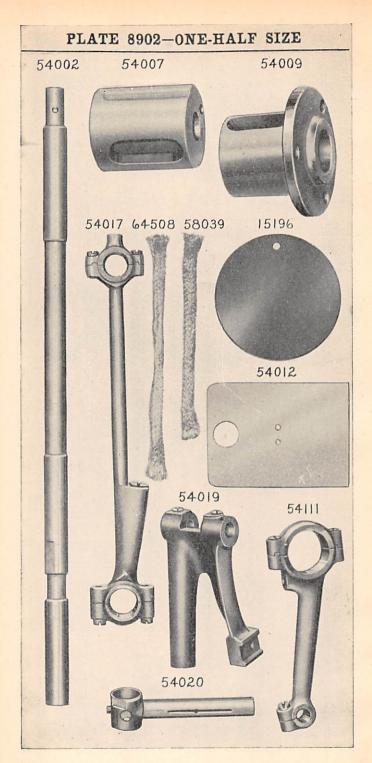
"For Singer Machines"

are not Singer made needles. 2

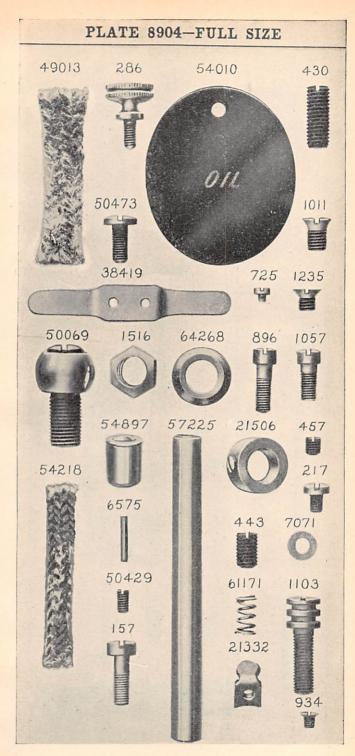
## FOR MACHINES Nos. 147-30 and 147-31



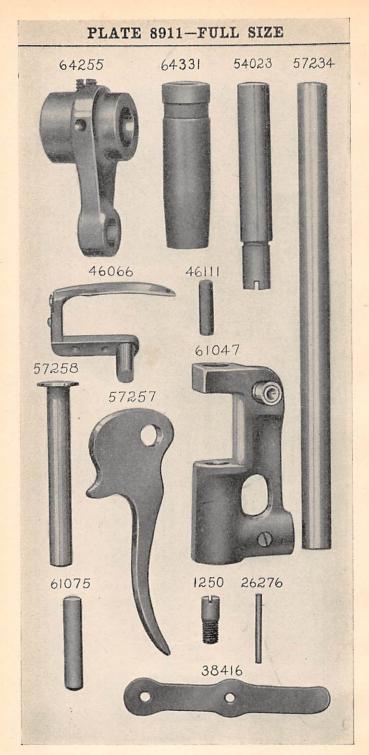
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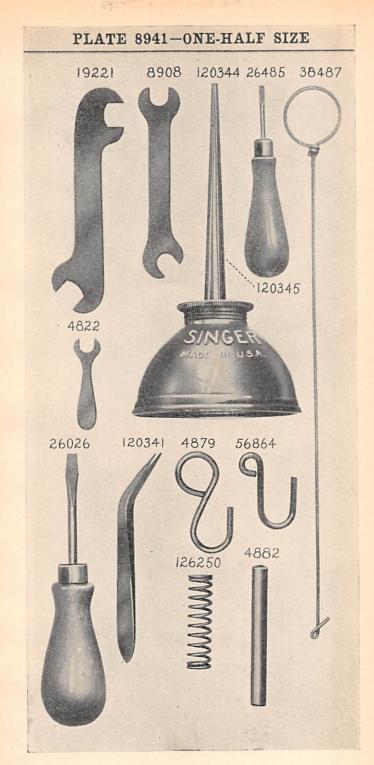
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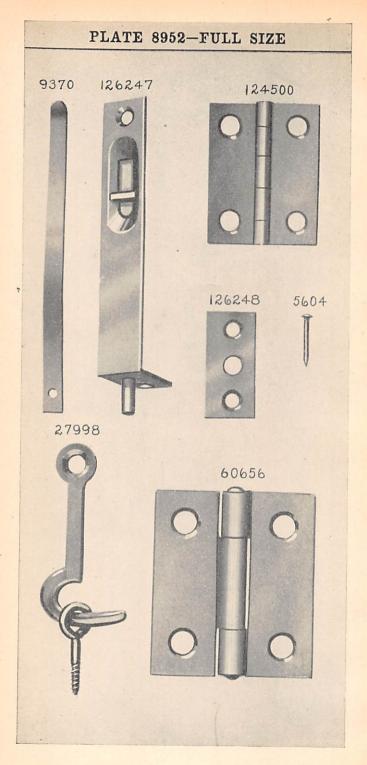
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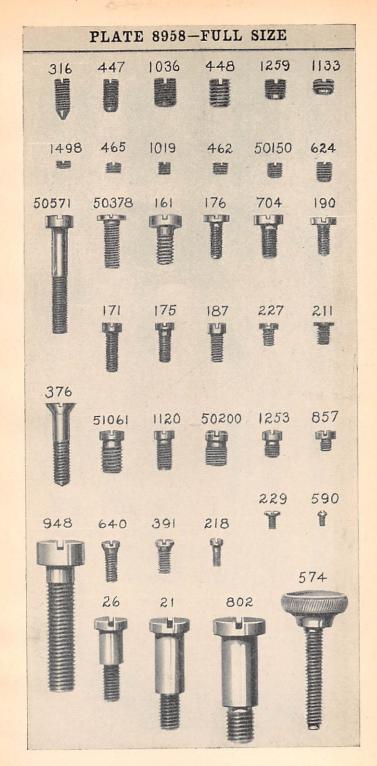
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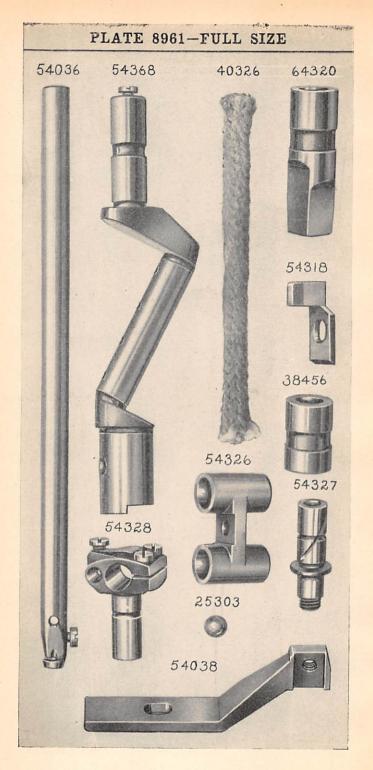
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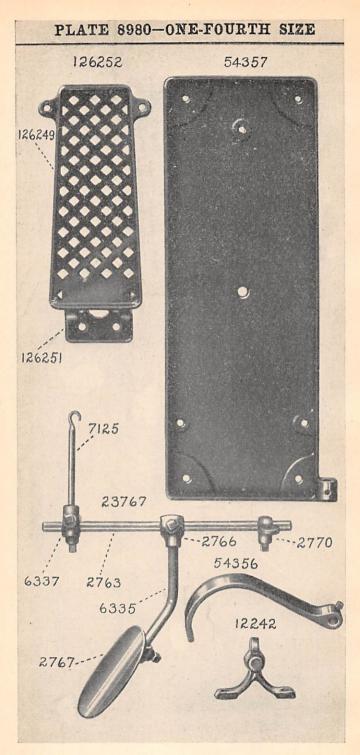
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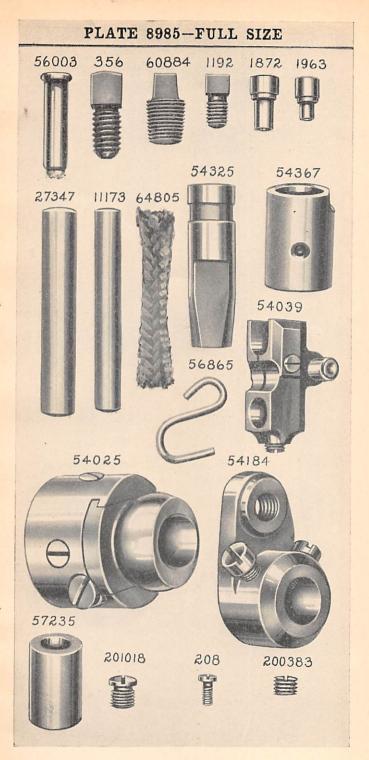
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### PLATE 8964-FULL SIZE 515 70 54988 59534 59538 59537

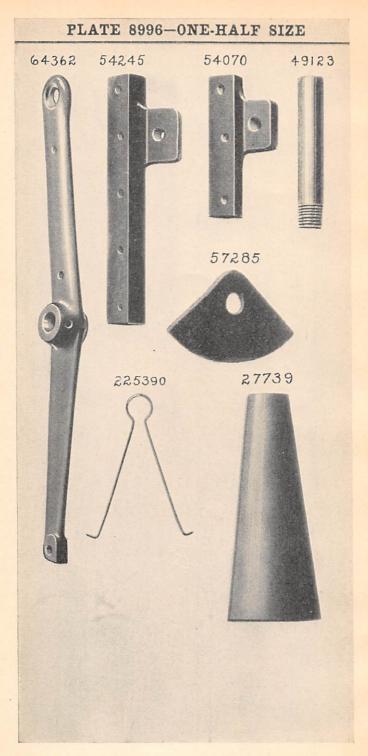
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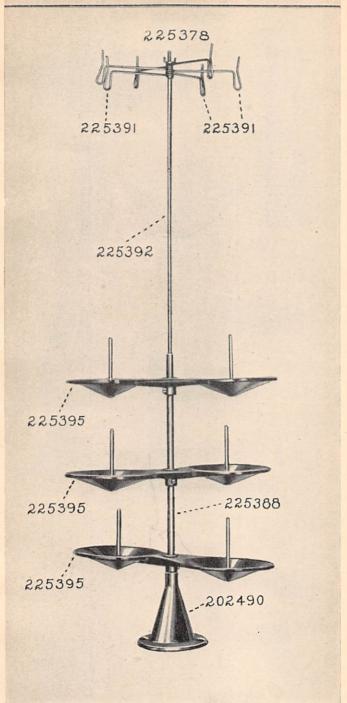


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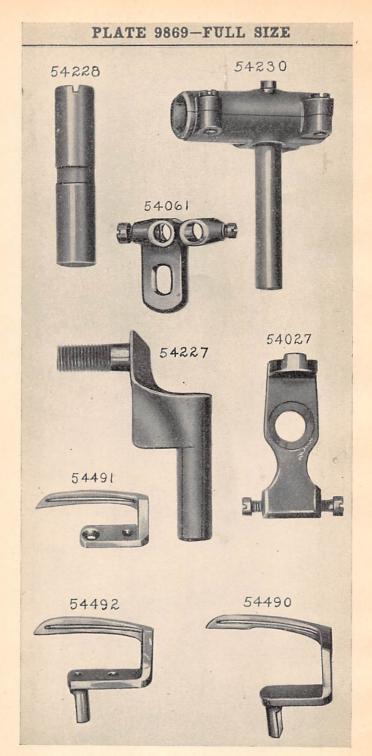


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#### PLATE 8997-ONE-SIXTH SIZE

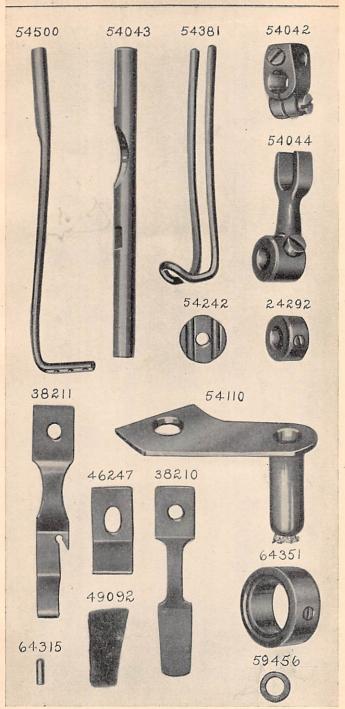


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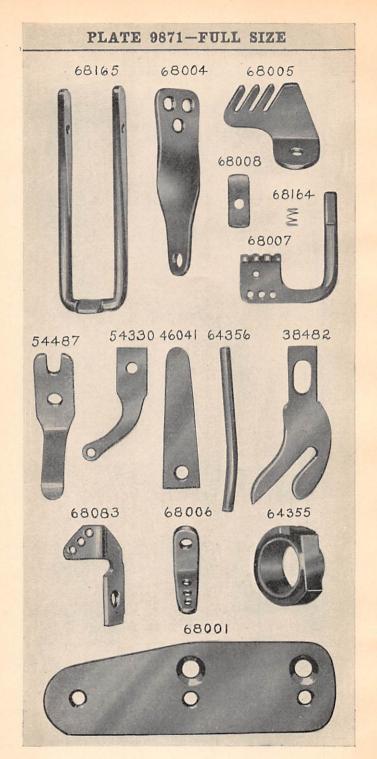


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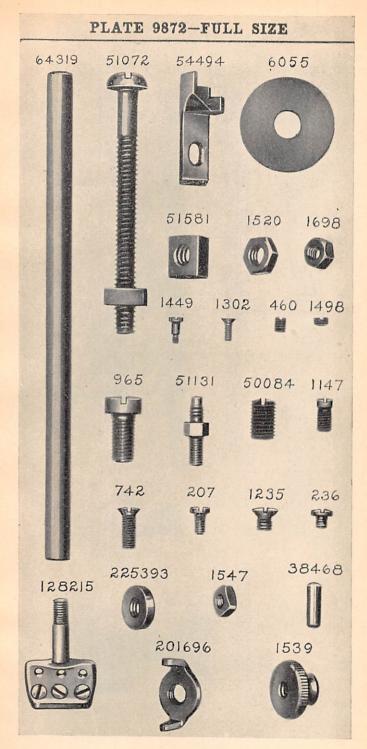
#### PLATE 9870-FULL SIZE



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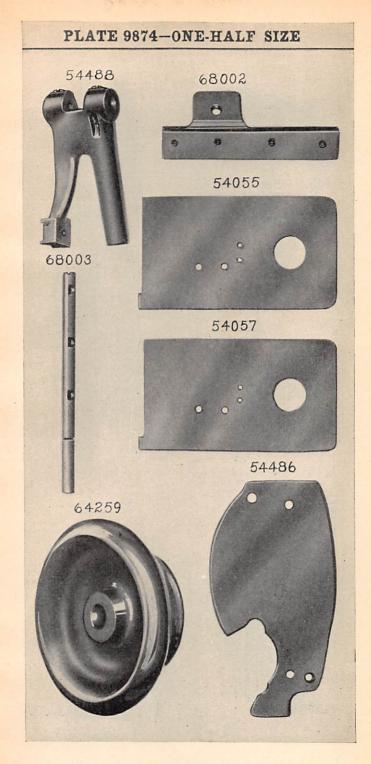
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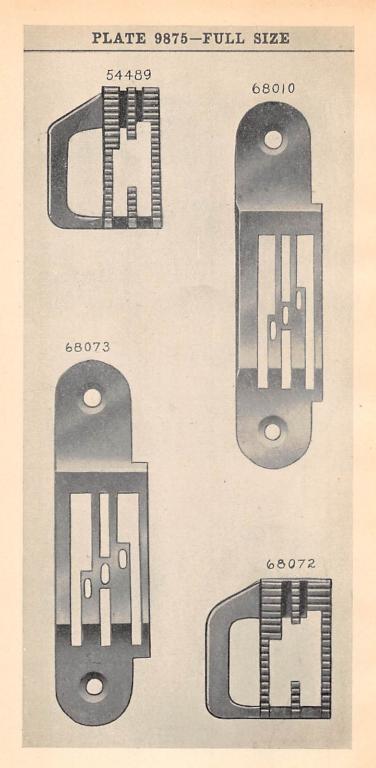
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# PLATE 9873-ONE-HALF SIZE 68184 54040 54103 64330 68208 54049 54026

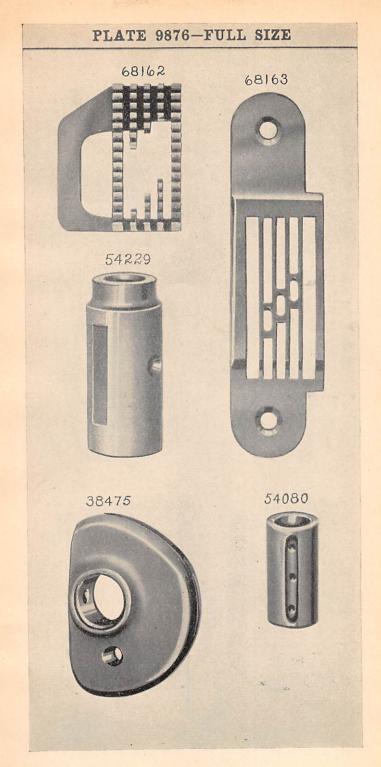
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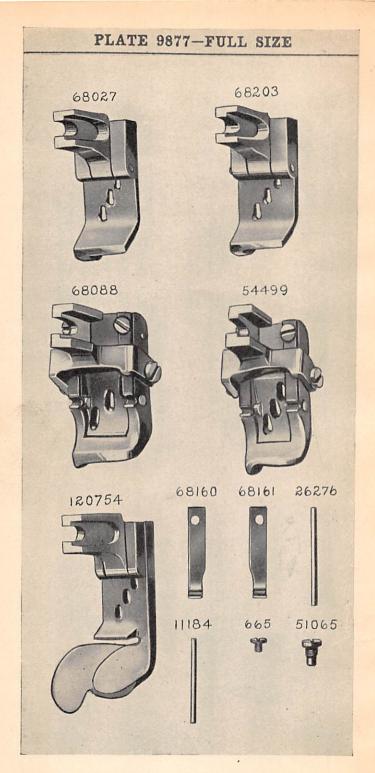
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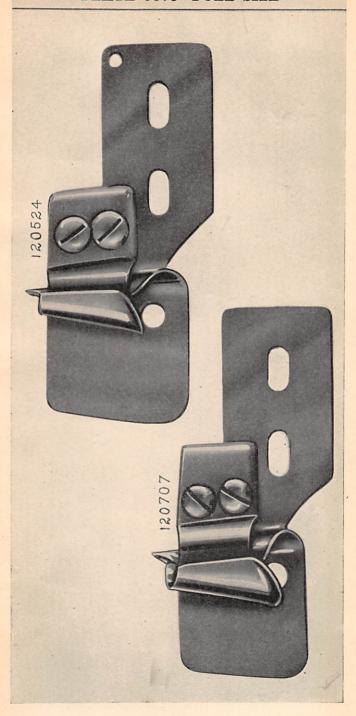


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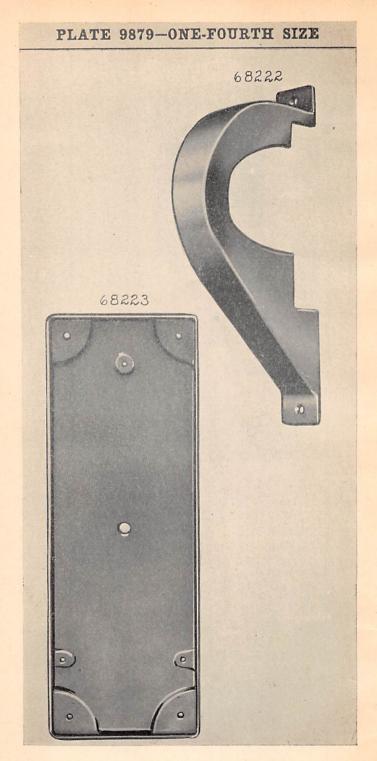


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#### PLATE 9878-FULL SIZE

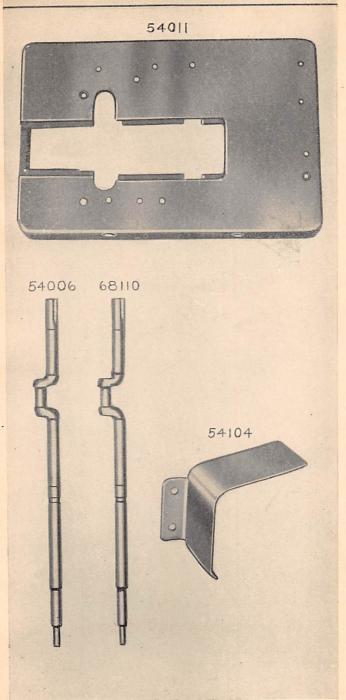


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#### PLATE 9880-ONE-FOURTH SIZE



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