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- Singer 69-19
- Singer 69-22

FORM 18202—REVISED November, 1931 PRINTED IN U. S. A.

LIST of PARTS



MACHINES Nos. 69-5 to 69-19 and 69-22

THE SINGER MANUFACTURING COMPANY

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Table Belt Guide	
Thread Unwinder	

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

V—Silver Plated

W—Polished and Nickel 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

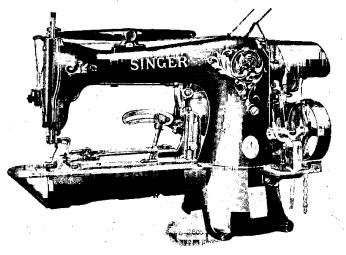
1801 to 2000 and 51801 to 52000 are Roller Numbers

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.

LIST OF PARTS COMPLETE FOR



MACHINE No. 69-5

FOR SEWING FLAT BUTTONS UPON KNEE TROUSERS. COAT SLEEVES AND OTHER GARMENTS. MAKES CROSSED STITCHES IN FOUR HOLE BUTTONS AND CAN BE ADJUSTED FOR TWO HOLE AND BAR BUTTONS. MAKES EIGHTEEN CROSS AND THREE TYING STITCHES.

NO.	PLATE	NAME
* 55405		Arm with 4449, 17844 and two 164E
4389	5042	" Dowel Pin
4448	3722	" Oil Tube, for intermediate bearing
880£	3724	" Screw
17702	5000	" Shaft
17703	5001	" " Bushing (back)
50333c	5042	" " " Adjusting
	•	Screw
$1520_{\rm E}$	3724	Arm Shaft Bushing (back) Adjusting
		Screw Nut
*4449		Arm Shaft Bushing (front)
124674	8583	" Side Cover
190л	3710	" " Screw

NO.	PLATE			NAME		
18498	5044	Belt Cov	er			
39290	5001			et with 1	84E and 17741	
184E	5021	" "	"	Screw	Stud	
17741	5008	" "	"	Stud.		
217л	3731	"	Screw			
39222	5001	" Shif	ter			
63976	8582	"	Clam	p		
1255 n	5021	"				
17706	3704	Button C	lamp (le	ft) with :	17723, for 1789	8
17707	3704	66,			17723, for 1789	
17899	3708	"			17723, for 179 0	
17900	3708	"	" (rig	ht) with	17723, for 1790	4
39238	3747	**	" (lef	t) with 9	9311 and 1772	3,
39239	3747	Button C	lamp (ri	ght) with	9311 and 1772	3,
		for 639	928			
17901	3704				ı 17711, 1771	
		and 23			d 17904	
63927	$^{\circ}7205$	Button		Arm w		
17710	3704				Plate	
1176a		"		. 46	" Screw	
17711	3704	"			for 17901	
63788	7205				" 63927	
1175յ		"			w	
17708	3710	"	" Li		17866	
190 _J		. "			w	
17712	3710				pring for 1789	
		and 17				
39241	3748	Button	Hamp Pre	essureSpi	ring for 63928	
1 7713	3710	. "	"	" "	Diacker	
	3710	"	"	" '	. ,5020	
17714	3704	"	"	" "	Oulde Dioc	
1178J		"			DOLOW	
17716	3705				for 17898 an	
00040	0740					
39242	3748	Button 4	Jiamp Sp		or 63928 ever	
17717	3705	"	"	" т	ever " HingeScre	
502371		"	"	"	" Lockin	
1180a	3705				HOOKIN	_
17718	3705	Button	Clamp 1	Spreader	Lever Lockin	ıg
1182,					crew	
17719	3705	"	44	."\$	pring	
1181:		"	"	"	" Screw	
\cdot 17720	3705	"	44	" S	teady Pin	

NO.	PLATE	NAME
17721	3705	Button Clamp Spring, for flat buttons, for
	~=~=	17898
17938	3705	Button Clamp Spring, for stud back buttons, for 17898
17902	3708	Button Clamp Spring, for flat buttons,
17902	3100	for 17904
17939	3708	Button Clamp Spring, for stud back
		buttons, for 17904
39244	3747	Button Clamp Spring (left) for flat
		buttons, for 63928
39245	3747	Button Clamp Spring (right) for flat
		buttons, for 63928
39246	3748	Button Clamp Spring (left) for stud back buttons, for 63928
39247	3748	Button Clamp Spring (right) for stud back
39247	9140	buttons, for 63928
39340	5027	Button Clamp Spring for 39341
39341		" " 39340 with 39342
		for flat or stud back buttons, for 17904
39342	5027	Button Clamp Spring Plate
236л	3705	" " Serew for 17898 and
		17904
229J		Button Clamp Spring Screw for 63928
23227	3705	" " Steady Pinfor 17901 " " " " " 39238
9311	3747	and 39239
17722	3705	Button Clamp Stop with two 17720, for
	0.00	17898
17903	3708	Button Clamp Stop with two 17720, for
		17904
39248	3748	Button Clamp Stop with two 17720, for
		63928
	3705	Button Clamp Stop Screw
17723 17898	3704 3703	Button Clamp (universal) complete, for
11090	3703	14 to 36 line buttons, Nos. 236j, 1180j,
		1181 _J , 1182 _J , 1183 _J , 17706, 17707, 17716
		to 17719, 17721 or 17938, 17722, 17901,
		50237κ and two 1175μ
17904		Button Clamp (universal) complete, for
		26 to 46 line buttons, Nos. 236j, 1180j,
		1181 _J , 1182 _J , 1183 _J , 17716 to 17719,
		17899 to 17901, 17902 or 17939, 17903,
		50237к and two 1175л

NO. PLATE	n	NAM		
63928 ——			rsal) complet uttons, Nos.	
	20020	11821, 11881	, 17717 to 2, 39244 or	20046
	90945 -	- 20047 20	4, 39244 OF	6909 7
1	39245 0	r 39247, 39.	248, 50237к,	03927
			nd 1175j	
4292 5002			l. <u></u>	
375c 3724	"		Hinge Screw	
1518E 3718		" "		Nut.
*55407 ——				
18388 5008				
1300р 3748	ij.			
18427 5001			th 18428, 184	
18428 5008			racket	
18444 500 8	**	" "	" Hinge	
4604 5008	**	u u	" Rivet.	
18379 5008	"		pring	
217E 3731	**		" Screw	
17724 5001				
*63736 ——	"		2105	
17725	Face Pla	te complete	Nos. 448c,	600c,
	1560c,	2103, 2107,	2124, 2127,	63736
	and two	each 2331 a	nd 2102	• • • • • •
164 _J 3724		e Screw		
2107 3722	" "		ard	
233л 3722	. "		" Screw	
55376 8585	Feed Acro	ss Connectio	n with 21358,	, 55377
	and fou	r 1057E	• • • • • • • • • • • •	
55378			ction 5537 6	
*21358			on Cap (lower	
1057E 8584				Screw
*55377				r)
1057E 8584	" "		_	Screw
18356 5006	" "	regulator	with 1952	
50598c 8584	" "		Ball Screw S	
1676c 5008	" "	"	. " "	" Nut
17738 5008				
	Washer			
18357 5008	Feed Acre	oss Regulato	r Hinge Stud.	
690р 3748			· " " (
1050 500-				
1952 5008			r Roller and S	
18358 5002	"	13112110		
18359 5008		00	llar with two	
200r 5008	"	. "	 Set Screw 	7

PARTS FOR MACHINE No. 69-5

NO. PLATE	NAME
18360 5008	Feed Across Shaft Crank (back) with 160E
	and 200c
55381 8584	Feed Across Shaft Crank (back) Ball Stud
200c 5008	
#40 F000	Set Screw
160E 5008	Feed Across Shaft Crank (back) Clamping Screw
18362 5007	Feed Across Shaft Crank (front) with 160E and 18363.
160E 5008	Feed Across Shaft Crank (front) Clamp-
	ing Screw
18363 5007	Feed Across Shaft Crank (front) Stud
18364 5007	" " " " " " Slide
	Block
18395 5004	Feed Cam with two each 1192c, 17874
	and four 1901
18415 5007	Feed Cam Driving Worm with 1441c and
	1442c
1442c 5021	Feed Cam Driving Worm Position Screw.
1441c 5021	Det Belew
17797 5004 3012 3722	" " " Wheel with 453c " " Pin
453c 5007	" " " Set Screw
18384 5007	" " Pin
1192c 3724	" " Set Screw
62155 8585	" " Shaft
1653c 3724	" " Nut
17800 5013	" Plate (thin) for flat buttons
17923 5013	" (thick) for round bottom but-
	tons
*18445 5002	Feed Plate Carrier Bar
18365	" " " 18445 with 934 <i>J</i> ,
	1195E, 1221c, 17743, 18366, 18390, two
40000 8000	55300 and four 17806
18366 5007	Feed Plate Carrier Bar Block
18367 5007 1221c 5007	" " " " Cover
55300 5042	" " " Steady Pin.
17805 5007	" " " Pivot Block
1194p 5007	" " " " Screw
18390 5007	" " " Plate
934л 5007	" " " " Screw
1654c 5013	" " Nut
17806 5013	" " Position Stud
1195E 5013	" " Screw Stud
17742 5006	" Regulator with 1953

NO.	PLATE			NAME		
18369	5006	Feed I	Regulator	Bracket	with 690	р, 17732
*17732					Cap	
160p	5008	"	"	"		w
8589	3722	64	"	"	Dowel P	
1177E	3710	"	44	"	Screw	
17744	5009	"	44	Hinge S	tud	
17743	5009	. "	44	Post		
1953	5021	44	46	Roller	and Scre	w Stud
• •		with	1655c aı	nd 14017		
1655c	5021	Feed	Regulato	r Roller	and Scr	ew Stud
14017	5015				and Scr	
1101	0010					
1190c	5009				rew	
17745	5009	"	"			
1191р		"	. "		Screw	
55319	8582	Knife	(needle t		r 55323	
55320	8582				or 55323.	
55321	8582	"			5329	
*55322	0002	"	(Suadona		ket	
		"	"	Diac.		
42639	8584	"	"	Conor	۰	
50117 _J		46	Dan mith		nd two 17	
18370	5000	46				
18371	5015	"	" Cap.		• • • • • • • •	
217л		"			:	
18372	5016	"	" Com		rith 17917	
. 190л		"	••	·" 8	crew	
7071	5008	"	"		** 24	sher
	5016		"	. 8	lide Blocl	
17917	. —	. "	-			17915
17916	5016	Knife	Bar Con	nection S	lide Bloc	k Stud
39297	5016	, "				0ј, 1420е,
1382r	5016					Screw
1681c	5016	"	66 6		44	" Nut
39298	5016	"	"			tud
17919	5016	"	- 44			" Spring
190յ	3710	"	"	" "	"	a la
	•	Scr	ew		. 	
1420E	5016	Knife	Bar Dri	ving Lev	er Lock 8	Stud Stop
		Scr	ew			
18373	5015	Knife	Bar Rac	k	. 	
17822	5015	"	" "			
39235	5006	** -	Cam Le	ver Body		 .
30400		66				ith 39460

		, ,						
	PLATE	~~	~		NAME	1	TAT	10709
39329	5029	Knife						
18470	5028	Knife	Cam I	ever	Brack			
8589	3722		"	44	"		wel Pi	
670E	5021	"	"	46	"		•w	
50029c	3759	. "	44	44	Hinge	Screw	,	
18471	3759	44	**	"	"	"	Bushii	ng
*18472		.44 .	44	"	"	"	".	18471
		with	50029	9c				
1177 _D	3710	Knife	Cam	Leve	r Hin	ge Scr	ew Bu	ishing
		Clar	nping	Screv	v .			
1980	3759	Knife	Cam :	Lever	Rolle	er and	Screw	Stud
-,								
1654c	5013	Knife	Cam	Leve	r Rolle	er and	Screw	Stud
20020	0020							
39330	3759	Knife	Cam l	Lever	Slide	with 1	980	
39460		"	"	66	46	39330	with	1255D
09100		and						
1255 в	5021					Screw		
39331	3759	"	"		(1		Wash	
19793	5015	"	"			Steady		
17825	5015	"	Holda	u wit	h 170	26, 178	230 an	d two
11020	9019							
55323						vith 1		
99323	—					VIUII I.		
17000	5015		_ +			• • • • • • • • • • • • • • • • • • •		
17826			HOIGE			owel P		
7298	5015	"	"			ud		
17827	5015	. "	"	,		" Br	 1 4	
17828	5015					. Бг	аскет	WITH
****	****		27					Screw
50018F		Knite	Hold			tua B	racket	Screw
1698c	5021	••					••	••
	5015							
17829	5015	64						
17830	5015	"	"			osition		
17831	5002					· · · · ·		
*39203	3718	"	**			g Link		
377c	3718	"			"			Screw
1518E	3718	. "	"	٠	44	"	"	"
		Nu	t					
21629	3718	Need	le Bar	Con	nectine	g Stud	with :	155c
	3718	"	"		"			rew
39350	5029	"	44	Thre	ad Ni			Lever
50550	00-0	ha)	instah	le) w	ith 39	351 an	d two	335ј
39351	3759							Lever
აგაა1	3759							
		EX	tensioi	1		• • • • • •	• • • • •	• • • • • •

NO. PLATE	NAME
335 ₁ 3759	Needle Bar Thread Nipper Driving Lever
0003 0103	Extension Screw
1196c 3721	Needle Bar Thread Nipper Driving Lever Hinge Screw
39352 5029	Needle Bar Thread Nipper Driving Lever Spring
17834 3718	Needle Bar Thread Nipper Lever with 17835
17835 3718 1200p 3718	Needle Bar Thread Nipper Lever Bushing " " " Hinge
	Screw
39276 5009 1329j 5009	Needle Bar Thread Nipper Lever Spring
	Screw
17837 5019	Needle Bar Thread Nipper Rod
17838 3718	
1651E 5021	Stud Needle Bar Thread Nipper Rod Adjusting Stud Lock Nut
17839 3718	Needle Bar Thread Nipper Rod Arm with 196r
196г 3718	Needle Bar Thread Nipper Rod Arm Set Screw
17840 5001	Needle Bar Thread Nipper Rod Support
190r 3710	
	Screw
237г 3724	Needle Set Screw
*6022 5001	Oscillating Rock Shaft with 4784
55278	Oscillating Rock Shaft complete, Nos.
	1513 _J , 6022 and 6489
6489 5001	Oscillating Rock Shaft Hinge Pin
1513л 3724	" " " " Nut
4784 5009	" " " Oil Pad
18385 5002	" Shaft
18386	" " Crank
18387 5017	Oscillating Shaft Crank complete, Nos. 237F, 1519E, 15171 and 18386
2049 5017	Oscillating Shaft Crank Pin
237F 5017	" " Set Screw
15170 5017	" " Slide Block
226Е 8584	" " " Slide Block " " " Cap
	Screw
12424 5017	Oscillating Shaft Crank Slide Block Cap Screw Washer
1035c 5017	Oscillating Shaft Crank Slide Block Screw Stud
	FARTON

NO. PLATE	NAME
1519E 5017	Oscillating Shaft Crank Slide Block Screw Stud Nut
15171 5017	Oscillating Shaft Crank Slide Block
	complete, Nos. 226E, 1035c, 12424 and
	15170
2058 5002	Presser Bar
17841 3718	" Collar with two 196F
196г 3718	" " Set Screw
17842 3718	" Guide Bracket with 453c
453c 5007	" " " Set Screw
17843 5006	" " Lifting Lever
17844 5006	" " " Bracket
164E 3724	" " " " Screw
1201c 5021	" " " Hinge Screw
17845 5019	" " " Rod
17846	" " " " Chain
32675 8582	" " Spring
63975 8583	Pulley (loose) 23/4 in. diam
17848 5003	" " Bushing
2269 3722	" " Position Pin
1202R 3724	" Cap Screw
17942 5003	" (tight) 21/2 in. diam., with 2269
2022 3722	" " Pin
17955	Pulleys complete, Nos. 1202R, 1206c,
11200	
11900	17848, 17854, 17942 and 63975
2996 5017	
	17848, 17854, 17942 and 63975 Shuttle Bobbin
2996 5017	17848, 17854, 17942 and 63975 Shuttle Bobbin
2996 5017 62739 8584	17848, 17854, 17942 and 63975 Shuttle Bobbin
2996 5017 62739 8584 15140 5017	17848, 17854, 17942 and 63975 Shuttle Bobbin
2996 5017 62739 8584 15140 5017 2973 5017	17848, 17854, 17942 and 63975 Shuttle Bobbin
2996 5017 62739 8584 15140 5017 2973 5017	17848, 17854, 17942 and 63975 Shuttle Bobbin
2996 5017 62739 8584 15140 5017 2973 5017 2974 5017	17848, 17854, 17942 and 63975 Shuttle Bobbin
2996 5017 62739 8584 15140 5017 2973 5017 2974 5017 2975 5017	17848, 17854, 17942 and 63975 Shuttle Bobbin
2996 5017 62739 8584 15140 5017 2973 5017 2974 5017 2975 5017 592 _E 5017	17848, 17854, 17942 and 63975 Shuttle Bobbin
2996 5017 62739 8584 15140 5017 2973 5017 2974 5017 2975 5017 592 _E 5017	17848, 17854, 17942 and 63975 Shuttle Bobbin
2996 5017 62739 8584 15140 5017 2973 5017 2974 5017 2975 5017 592 _E 5017 15141	17848, 17854, 17942 and 63975 Shuttle Bobbin " " Case " " Latch " " " Ever " " " Fulcrum Pin Shuttle Bobbin Case Latch Spring " " " Stop Screw Shuttle Bobbin Case Hinge, Nos. 2973, 2974 and 15140 Shuttle Bobbin Case Position Finger " " Rivet
2996 5017 62739 8584 15140 5017 2973 5017 2974 5017 2975 5017 592E 5017 15141 ——	17848, 17854, 17942 and 63975 Shuttle Bobbin " " Case " " Latch " " " Lever " " " Fulcrum Pin Shuttle Bobbin Case Latch Spring " " " Stop Screw Shuttle Bobbin Case Hinge, Nos. 2973, 2974 and 15140 Shuttle Bobbin Case Position Finger " " " Rivet Shuttle Bobbin Case complete, Nos. 591#,
2996 5017 62739 8584 15140 5017 2973 5017 2974 5017 2975 5017 592E 5017 15141 15027 5017 2523 5017	17848, 17854, 17942 and 63975 Shuttle Bobbin
2996 5017 62739 8584 15140 5017 2973 5017 2974 5017 2975 5017 592E 5017 15141 15027 5017 2523 5017	17848, 17854, 17942 and 63975 Shuttle Bobbin " " Case " " Latch " " " Lever " " " Fulcrum Pin Shuttle Bobbin Case Latch Spring " " " Stop Screw Shuttle Bobbin Case Hinge, Nos. 2973, 2974 and 15140 Shuttle Bobbin Case Position Finger " " " Rivet Shuttle Bobbin Case complete, Nos. 591#,
2996 5017 62739 8584 15140 5017 2973 5017 2974 5017 2975 5017 592E 5017 15141 15027 5017 2523 5017	17848, 17854, 17942 and 63975 Shuttle Bobbin
2996 5017 62739 8584 15140 5017 2973 5017 2974 5017 2975 5017 592E 5017 15141 15027 5017 2523 5017 15277 5017	17848, 17854, 17942 and 63975 Shuttle Bobbin " " Case " " Latch " " " Lever " " " Fulcrum Pin Shuttle Bobbin Case Latch Spring " " " Stop Screw Shuttle Bobbin Case Hinge, Nos. 2973, 2974 and 15140 Shuttle Bobbin Case Position Finger " " " Rivet Shuttle Bobbin Case complete, Nos. 591F, 592E, 2523, 2975, 15027, 15141, 15278 and 62739
2996 5017 62739 8584 15140 5017 2973 5017 2974 5017 2975 5017 592E 5017 15141 15027 5017 2523 5017 15277 5017 21562 5017	17848, 17854, 17942 and 63975 Shuttle Bobbin " " Case " " " Latch " " " " Fulcrum Pin Shuttle Bobbin Case Latch Spring " " " Stop Screw Shuttle Bobbin Case Hinge, Nos. 2973, 2974 and 15140 Shuttle Bobbin Case Position Finger " " " Rivet Shuttle Bobbin Case complete, Nos. 591F, 592E, 2523, 2975, 15027, 15141, 15278 and 62739 Shuttle Body " Tension Regulating Screw " " Spring
2996 5017 62739 8584 15140 5017 2973 5017 2974 5017 2975 5017 592E 5017 15141 15027 5017 2523 5017 15277 5017 21562 5017 591F 5017	17848, 17854, 17942 and 63975 Shuttle Bobbin " " Case " " " Latch " " " " Fulcrum Pin Shuttle Bobbin Case Latch Spring " " " Stop Screw Shuttle Bobbin Case Hinge, Nos. 2973, 2974 and 15140 Shuttle Bobbin Case Position Finger " " " Rivet Shuttle Bobbin Case complete, Nos. 591F, 592E, 2523, 2975, 15027, 15141, 15278 and 62739 Shuttle Body " Tension Regulating Screw " " Spring
2996 5017 62739 8584 15140 5017 2973 5017 2974 5017 2975 5017 592E 5017 15141 15027 5017 2523 5017 15277 5017 21562 5017 591F 5017 15278 5017	17848, 17854, 17942 and 63975 Shuttle Bobbin " " Case " " Latch " " " Lever " " " Fulcrum Pin Shuttle Bobbin Case Latch Spring " " " Stop Screw Shuttle Bobbin Case Hinge, Nos. 2973, 2974 and 15140 Shuttle Bobbin Case Position Finger " " " Rivet Shuttle Bobbin Case complete, Nos. 591s, 592s, 2523, 2975, 15027, 15141, 15278 and 62739 Shuttle Body " Tension Regulating Screw
2996 5017 62739 8584 15140 5017 2973 5017 2974 5017 2975 5017 592E 5017 15141 15027 5017 2523 5017 15277 5017 21562 5017 591F 5017 15278 5017	17848, 17854, 17942 and 63975 Shuttle Bobbin " " Case " " Latch " " " Lever " " " Fulcrum Pin Shuttle Bobbin Case Latch Spring " " Stop Screw Shuttle Bobbin Case Hinge, Nos. 2973, 2974 and 15140 Shuttle Bobbin Case Position Finger " " " Rivet Shuttle Bobbin Case complete, Nos. 591#, 592E, 2523, 2975, 15027, 15141, 15278 and 62739 Shuttle Body " Tension Regulating Screw " Spring Shuttle, 1 ¹ / ₄ in. diam., Nos. 2996, 15277

17

NO.	PLATE	NAME
2049	5017	Shuttle Driver Pin
462c	5017	Des Derem
18411		Race Dody
21623	5018	Оар
. 662p		" " Screw
2523	5018	" " Steady Pin
18429	5018	" " Ring
18413	5018	" " " Spring
1289 D	5018	" " " Screw
18430	5018	Shuttle Race (flexible) complete, Nos.
		662p, 2523, 18411, 18429, 21623 and
		two each 1289p and 18413
171 D	5018	Shuttle Race Screw
17853	5003	Starting Lever
1262c	5021	" " Hinge Screw
1662c		" " " Nut
17886	5019	" " Pitman
17854	3721	Stop Cam
17855	3721	" " Interlocking Rod
55388	8585	" " Case
55389		" " " " 55388
00000		with 18443 and two 1931
55418		Stop Cam Interlocking Rod Case 55389
00110	•	with 63976 and two 1255p
*55285		Stop Cam Interlocking Rod Case 55418
. 00200		with 1318b, 17855, 17863, 17864 and
		39222
39346	5028	Stop Cam Interlocking Rod Case Bracket
55304	0046	Stop Cam Interlocking Rod Case Bracket Stop Cam Interlocking Rod Case Bracket
99904		complete, Nos. 1182E, 1196c, 1204E,
		1254c, 1262c, 1508E, 1662c, 17853, 17859
		17861, 17862, 17872, 17873, 39346,
		55285 and two 898p
18493		Stop Cam Interlocking Rod Case Bracket
		55304 with 39343, 39344 and two 1186p
16532	3722	Stop Cam Interlocking Rod Case Bracket
•		Dowel Pin
1343E	5021	Stop Cam Interlocking Rod Case Bracket
		Screw
1204e	3721	Stop Cam Interlocking Rod Case Hinge
		Screw
17859	5003	Stop Cam Interlocking Rod Case Socket
		Joint
898D	3721	Stop Cam Interlocking Rod Case Socket
		Joint Cap Screw
39343	5028	Stop Cam Interlocking Rod Case Spring
		(flat)
		*

NO.	PLATE	NAME
50682c	8584	Stop Cam Interlocking Rod Case Spring
		Adjusting Screw
1520E	3759	Stop Cam Interlocking Rod Case Spring
		Adjusting Screw Nut
39344	3759	Stop Cam Interlocking Rod Case Spring
		Bracket with 1520s and 50682c
1186р	5021	Stop Cam Interlocking Rod Case Spring
		Bracket Screw
17861	3721	Stop Cam Interlocking Rod Case Stop
:		Stud
1254c	5021	Stop Cam Interlocking Rod Case Stop
		Stud Screw Bushing
1508E	5021	Stop Cam Interlocking Rod Case Stop
		Stud Screw Bushing Lock Nut
17862	3721	Stop Cam Interlocking Rod Case Stop
#100 -	0.22	Stud Spring
18443	5015	Stop Cam Interlocking Rod Case Wearing
10110	5010	Block
1031	5015	Stop Cam Interlocking Rod Case Wearing
1993	,0010	Block Screw
45000	0=04	
17863	3721	Stop Cam Interlocking Rod Spring
17864	3721	Бюр
1318 _D		berew
3012	3722	" Pin
1206c	3721	" Screw
2102	3722	Tension Disc
1560c		" Regulating Thumb Nut
600c		" Screw Stud
448c	3722	" " Set Screw
2103	3722	" Spring
2105	3722	" Thread Guard
*55302		Thread Take-up Cam
18392	5003	" " 55302 with 446c
3012	3722	" " Pin
446c	3724	" " Set Screw
*18393	5002	" Lever with 1822
55283	——"	" " 18393 with 79c
79c	5021	" " Hinge Screw
1822	5021	" " Roller and Stud
2124	3722	" " Spring
2127	3722	" " Regulator Plate
233л	3722	
		Adjusting Screw
17865	3710	Thread Wiper Body
	3710	" " Hinge Screw
17866	3710	" " Hook
17867	3710	" " Support
	3110	Support
18202—2		

NAME NO. PLATE 641c 5021 Thread Wiper Body Support Set Screw.. " Wire..... 17868 3710 " Screw 337ј 3718 " " Washer.. 17869 3710 Throat Plate with 55322 and two 42639... 55324 8586 55327 ----" 55324 with 55325 and two 55325 8586 Throat Plate Needle Hole Bushing (large ${\bf needle\ hole}).....$ 1208p 5020 Throat Plate Needle Hole Bushing Screw... 55329 — Throat Plate complete, Nos. 1698c, 17828, 50018F, 50117J, 55321, 55323 and 55327 691F 5015 Throat Plate Screw.... 17872 3721 Trip Lever..... " " Hinge Screw..... 1196c 3721 " " Spring..... 17873 3721 1182E 3705 " Screw..... 17874 5009 Tripping Point..... 190j 3710 " Screw.....

MACHINE No. 69-6

FOR SEWING ON SMALL BUTTONS ONLY. FOR SHIRTS, WAISTS, UNDERWEAR, ETC. MAKES CROSSED STITCHES IN FOUR HOLE BUTTONS AND CAN BE ADJUSTED FOR TWO HOLE AND BAR BUTTONS. MAKES ELEVEN CROSS AND THREE TYING STITCHES.

This Machine is the same as 69-5, with the following exceptions:

NO.	PLATE	NAME
18396.		Feed Cam with two 1192c, three 17874
		and six 190 _J , in place of 18395
55328		Throat Plate 55324 with 55326 and two
		1208p
55326	8586	Throat Plate Needle Hole Bushing (small
		needle hole)
55330		Throat Plate complete, Nos. 1698c, 17828,
		50018F, 50117J, 55321, 55323 and 55328,
		in place of 55329

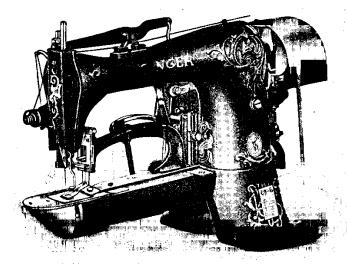
MACHINE No. 69-7

FOR SHOE TACKING. MAKES TWO STAY, NINE LONG, SEVEN CROSS AND THREE TYING STITCHES.

This Machine is the same as 69-5, with the following exceptions:

NO.	PLATE	NAME
63811	7205	Clamp Arm (lower) with two 17992
17992	3740	" " " Hook
63812	7205	" " (upper)
39333	3761	" " Bracket
39336	3761	Clamp Arm Bracket (adjustable) complete,
		Nos. 129E, 1178D, 1300D, 1654c, 39333 to 39335 and 50048J, in place of 17713.
129s	3761	Clamp Arm Bracket Adjusting Screw
39334	3761	" " " Hinge Block
1300ı	3761	" " " " Screw, in
		place of 1177p
50048J	3761	Clamp Arm Bracket Hinge Screw (eccen-
		tric)
	3761	Clamp Arm Bracket Hinge Screw Nut
17958	3733	" Lifter with 17866, in place of
		17708
190J		Clamp Arm Lifter Screw
9330	3740	" " Pin
_	3761	" " Screw
39335	3761	" " " Plate
18490		Clamp complete, Nos. 1654c, 9330, 18365,
		18367, 39304, 39336, 63811 and 63812, in
		place of 17898, 17904 and 63928
18397		Feed Cam with 17874 and two each 190s
		and 1192c, in place of 18395
39231	5005	Feed Cam Driving Worm with 1441c and
		1442c, in place of 18415
17997	5004	Feed Cam Driving Worm Wheel with
		453c, in place of 17797
39304	5014	Feed Plate, in place of 17800 and 17923
55335		Throat Plate 55324 with 55334 and two 1208p.
55334	8586	Throat Plate Needle Hole Bushing
55336		Throat Plate complete, Nos. 1698c, 17828,
		50018F, 50117J, 55321, 55323 and 55335,
		in place of 55329

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FOR BARRING POCKETS ON CLOTHING. MAKES BAR 5/6 TO 5/6 Inch long, consisting of Twelve Staying, Twenty-seven covering and three Tying Stitches.

This Machine is the same as 69-5, with the following exceptions:

NO.	PLATE				NAME			
17964	3733	Arch	Clamp	Foot	(left) v	with 1'	7959	
17965	3733	**	"	"	(right)	with	17959.	
17958	3733	"	"	44	Lifter	with	17866	, in
	•	pla	ce of 17	708				
190J	3710		Clamp					
17959	373 1	44	"	44	Lifting	g Stud		.
17966	3733	"	"	"	Plate.			
217 _J	3731	"	"	"	"	Screw.		
39302	3731	"	"	"	Spring	5		
17967	3733	"	44	. "	44	Conn	ection.	
11751	3704	44	"	44	"		" Н	inge
		Scr	rew			.		
217,	3731	Arch	Clamp	Foot	Spring	Screv	v	
17968	3732	"	. "	Fran	ne			
14079	3731	"	. "	. "	Dow	el Pin	.	
1177	o 3710	- "	"	"	Scre	w		

NO.	PLATE	NAME
18449		Arch Clamp complete, Nos. 1654c, 17964
		to 17968, 17970, 18367, 18448, 39302,
		two each 1175D, 1177D, 14079 and five
		217 _J , in place of 17898, 17904 and 63928
*55406		Arm with 4449, 17844 and two 164E, in
		place of 55405
55379		Feed Across Connection 55376 with 50598c
		and 55382, in place of 55378
18421	5009	Feed Across Shaft Crank (back) with
		160s and 200c, in place of 18360
55382	8584	Feed Across Shaft Crank (back) Ball Stud,
		in place of 55381
18398	. ——	Feed Cam with 17874 and two each 1901
		and 1192c, in place of 18395
17970	3740	Feed Plate, in place of 17800 or 17923
*18447	5012	" Carrier Bar, in place of 18445.
18448		" " " 18447 with 934 _J ,
		1195E, 1221c, 17743, 18366, 18390, two
		55300 and four 17806, in place of 18365
39283	5009	Hand Stop Lever
51251 _J		" " Hinge Screw
39284	5000	" " " Rod
21678	5009	" " " Collar with 1019c
1019c		" " Set Screw
39285	5009	" " Connection
93г		" " Connection Screw
39286	5009	Guide Stud (back)
39287	5009	(110110)
	5 009	neau
24122	5009	opring
39348	5028	Stop Cam Interlocking Rod Case Bracket
55305		Stop Cam Interlocking Rod Case Bracket
		complete, Nos. 1182E, 1196c, 1204E,
		1254с, 1262с, 1508н, 1662с, 17853,
		17859, 17861, 17862, 17872, 17873,
		39348, 55285 and two 898p, in place of
10404		55304
18494	. ,	Stop Cam Interlocking Rod Case Bracket 55305 with 39343, 39344 and two 1186p,
4.0		in place of 18493
		in place of 15495

FOR BARRING BUTTONHOLES IN FINE WORK AND FOR FASTENING BOWS OR OTHER ORNAMENTS UPON SHOES OR GARMENTS. MAKES BAR 1/8 TO 1/4 INCH LONG, CONSISTING OF SEVEN STAYING, ELEVEN COVERING AND THREE TYING STITCHES.

This Machine is the same as 69-5, with the following exceptions:

NO.	PLATE	NAME
18431	5011	Arch Clamp Foot (left) with 17959
18432	5011	" " (right) with 17959
17958	3733	" " Lifter with 17866, in
		place of 17708
190 _J	3710	Arch Clamp Foot Lifter Screw
`17959	3731	" " Lifting Stud
18433	5011	" " Plate
217л	3731	" " Screw
39302	3731	" " Spring
18434	5011	" " Connection
1175j	3704	" " " " Hinge
		Screw
217л	3731	Arch Clamp Foot Spring Screw
18435	5010	" " Frame
14079	3731	" " Dowel Pin
181 p	3738	" " Screw
18436		Arch Clamp complete, Nos. 1654c, 18367,
		18431 to 18435, 18438, 18459, 39302, two
		each 181D, 1175J, 14079 and five 217J,
		in place of 17898, 17904 and 63928
.55379		Feed Across Connection 55376 with 50598c
1:5		and 55382, in place of 55378
18421	5009	Feed Across Shaft Crank (back) with 160E
		and 200c, in place of 18360
55382	8584	Feed Across Shaft Crank (back) Ball Stud,
	-	in place of 55381
18399		Feed Cam with two each 1192c, 17874 and
		four 1901, in place of 18395
18459	5011	Feed Plate, in place of 17800 or 17923
*18437	5012	" Carrier Bar, in place of 18445.
18438		" " " 18437 with 934 _J ,
		1195E, 1221c, 17743, 18366, 18390 two
		55300 and four 17806, in place of 18365
55328		Throat Plate 55324 with 55326 and two
3 T T T		1208p

NO.	PLATE	NAME
55326	8586	Throat Plate Needle Hole Bushing (small
		needle hole)
55330		Throat Plate complete, Nos. 1698c, 17828,
		50018F, 50117s, 55321, 55323 and 55328,
		in place of 55329

MACHINE No. 69-10

FITTED WITH CLAMP. FOR CLOSING BUTTONHOLE BEFORE BARRING.

This Machine is the same as 69-5, with the following exceptions:

NO. PLATE	NAME
17976 3737	Clamp Arm (lower) left
17977 3737	" " " right
17978 3737	" " Bracket
181р 3738	" " " Screw
7401 3738	" " Steady Pin
90р 3738	" " Hinge Screw
17979 3738	" (upper) left, with 17986 and
	39257
17980 3738	Clamp Arm (upper) right, with 17986 and
	39257
17981 3737	Clamp Arm (upper) Bracket
14008 3737	" " " Hinge Pin
90р 3738	" " Hinge Screw
39257 5009	" " " Hook
17958 3733	" " Lifter with 17866, in
	place of 17708
190r 3710	Clamp Arm (upper) Lifter Screw
17982 3738	" Pressure Spring
17713 3710	" " " Bracket
1177р 3710	
1178ъ 3710	" " Screw
17983 3737	" Spreader Lever
957 x 3738	" " Cap Screw
17984 3738	" " Friction Washer
17985 3738	" " Hinge Stud
17986 3738	" " Stud
18452	Clamp complete, Nos. 181D, 957K, 1177D,
	1178p, 14008, 17713, 17976 to 17984,
1 1	17988, 17989, 18367, 18451, two 7401
	and four each 90p and 17806, in place
	of 17898, 17904 and 63928

NO.	PLATE	NAME
18399		Feed Cam with two each 1192c, 17874 and
		four 190 _J , in place of 18395
17988	3737	Feed Plate (left)
17989	3737	" " (right)
17806	5013	" " Rivet
*18450	5012	" Carrier Bar, in place of 18445
18451		" " " 18450 with 934J,
		1221c, 17743, 17985, 18366, 18390 and
		two 55300, in place of 18365
55328		Throat Plate 55324 with 55326 and two
•		1208p
55326	8586	Throat Plate Needle Hole Bushing (small
		needle hole)
55330		Throat Plate complete, Nos. 1698c, 17828,
		50018F, 50117J, 55321, 55323 and 55328,
		in place of 55329

FOR SEWING STRAPS UPON UNDERWEAR AND OTHER GARMENTS. MAKES BAR 3_8 TO 7_8 INCH LONG, CONSISTING OF THREE STAYING, THIRTY-SIX COVERING AND THREE TYING STITCHES.

This Machine is the same as 69-5, with the following exceptions:

NO.	PLATE				NAME		
17957	3731	Arch	Clamp	Foot	with 1	7959	<i>.</i>
39206	3731	"	.44	"	Lifter	with	17866, in
		pla	ce of 1	7708			
	3710	Arch	Clamp	Foot	Lifter	Screw.	
17959	3731	**	"	**	Lifting	Stud.	
17960	3731	ce.	"	"	Plate.		
217л	3731	**	"	44			
39303	3731	**	46	"	Spring	<i></i> .	
217 _J	3731	"	"		"	Screw	(lower)
11751	3704	**	44	"	46	"	(upper)
39250	5010	"	46				
14079	3731	66	"	46	Dow	el Pin.	
1811	3738	"	46	"	Scre	w	
18453		Arch	Clamp	com	olete, N	los. 11	75n, 16 54c ,
		179	957. Î	7960, [°]	17963	, 183	67, 18438,
		393	250, 39 ³	303, t	wo eacl	h 181 p	, 14079 and
		fiv	e 217 _J ,	in pl	ace of	17898,	17904 and
	-		928	•			

NO.	PLATE	NAME
55379		Feed Across Connection 55376 with 50598c
		and 55382, in place of 55378
18421	5009	Feed Across Shaft Crank (back) with 160E
		and 200c, in place of 18360
55382	8584	Feed Across Shaft Crank (back) Ball Stud,
		in place of 55381
18401		Feed Cam with 17874 and two each 1901
		and 1192c, in place of 18395
17963	`3731	Feed Plate, in place of 17800 and 17923
*18437	5012	" Carrier Bar, in place of 18445.
18438		" " " 18437 with 934 _J ,
		1195E, 1221c, 17743, 18366, 18390, two
		55300 and four 17806, in place of 18365
18426	5000	Knife Bar with 18373 and two 17822, in
		place of 18370
55332		Throat Plate 55324 with 55331 and two
		1208p
55331	8586	Throat Plate Needle Hole Bushing
55333		Throat Plate complete, Nos. 1698c, 17828,
		50018f, 50117J, 55321, 55323 and 55332,
		in place of 55329

MACHINE No. 69-12

FOR SHOE TACKING. MAKES TACK UP TO 3% IN. LONG, CONSISTING OF TWO STAY, NINE LONG AND SEVEN CROSS STITCHES.

This Machine is the same as 69-5, with the following exceptions:

NO.	PLATE			N.	AME		
63811	7205	Clamp	Arm	(lower)	with tw	70 179 9	2
17992	3740	"	"	"	Hook.		
63812	7205	. 44	"	(upper)		
39333	3761	"	"	Bracke	t		
39336	3761	Clamp	Arm	Bracket	t (adjusta	able) co	mplete,
		Nos	129	e, 11781	э, 1300р	, 16540	, 39333
		to 39	9335 s	and 500	1 8յ, in pl	lace of	17713
129a	3761	Clamp	Arm	Bracke	t Adjust	ing Sca	ew
39334	3761	44	"	44	Hinge	Block.	
13001	3761	64	"	"	"	" S	crew,
		in pl	lace o	f 1177 d			
50048j	3761	Clamp	Arm	Bracke	et Hinge	Screw	(eccen-
		tric)					 .
16540	3761	Clamp	Arm	Bracke	t Hinge	Screw	Nut
17958	3733	"	"	Lifter	with 178	866, in	place of
		1770	8	<i></i>			

NO.	PLATE	NAME
190 _J	3710	Clamp Arm Lifter Screw
9330	3740	" " Pin
1178r	3761	" " Screw
39335	3761	" " " Plate
18490		Clamp complete, Nos. 1654c, 9330, 18365,
		18367, 39304, 39336, 63811 and 63812,
		in place of 17898, 17904 and 63928
55380		Feed Across Connection 55376 with 50598c
		and 55383, in place of 55378
18421	5009	Feed Across Shaft Crank (back) with 160E
		and 200c, in place of 18360
55383	8584	Feed Across Shaft Crank (back) Ball Stud,
		in place of 55381
18402		Feed Cam with two each 1192c, 17874 and
		four 190s, in place of 18395
39211	5005	Feed Cam Driving Worm with 1441c and
		1442c, in place of 18415
39212	5002	Feed Cam Driving Worm Wheel with 453c,
		in place of 17797
39304	5014	Feed Plate, in place of 17800 and 17923
55335		Throat Plate 55324 with 55334 and two
		1208p
55334	8586	Throat Plate Needle Hole Bushing
55336		Throat Plate complete, Nos. 1698c, 17828,
22300		50018F, 50117J, 55321, 55323 and 55335,
	4	in place of 55329
		. п. расс от осодения п

MAKES ELEVEN CROSS AND THREE FASTENING OR TYING STITCHES. FOR TACKING BOWS OR OTHER ORNAMENTS TO SHOES.

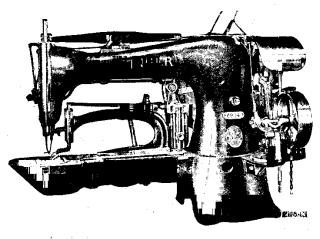
This Machine is the same as 69-5, with the following exceptions:

NO. PLATE	NAME
17999 3739	Clamp Arm with two 39257
39333 3761	" " Bracket
39336 3761	Clamp Arm Bracket (adjustable) complete, Nos. 129E, 1178D, 1300D, 1654c, 39333 to 39335 and 50048J, in place of 17713
129E 3761	Clamp Arm Bracket Adjusting Screw
	" " " Hinge Block
1300р. 3761	" " " " " Screw,
	in place of 1177n

NO.	PLATE	NAME
50048J	3761	Clamp Arm Bracket Hinge Screw (eccen-
		tric)
1654c	3761	Clamp Arm Bracket Hinge Screw Nut
39257	5009	" " Hook
17958	3733	" Lifter with 17866, in place of
*		17708
190յ	3710	Clamp Arm Lifter Screw
11781	3761	" " Screw
39335	3761	" " " Plate
18491		Clamp complete, Nos. 1654c, 17999,
5		18365. 18367, 39258 and 39336, in place
		of 17898, 17904 and 63928
18403		Feed Cam with two 1192c, three 17874
		and six 1901, in place of 18395
39258	5014	Feed Plate (thin) in place of 17800
39362		" " (thick) in place of 17923
55328		" " 55324 with 55326 and two
		1208p
55326	8586	Throat Plate Needle Hole Bushing (small
		needle hole)
55330		Throat Plate complete, Nos. 1698c, 17828,
		50018F, 50117J, 55321, 55323 and 55328,
		in place of 55329

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 TACKING BLUCHER SHOES. MAKES TACK $\frac{7}{32}$ TO $\frac{7}{16}$ INCH LONG, CONSISTING OF EIGHTEEN STAYING IN TWO PARALLEL LINES AND THREE TYING STITCHES.

This Machine is the same as 69-5, with the following exceptions:

NO.	PLATE				NAME	
18473	5030	Arch C	lamp	Foo	t (left)	
$\boldsymbol{55384}$		"	46	"	"	18473 with 219k
18475	5030	Arch C		Foot	t (right	:)
55385		"	**	"	- 44	18475 with 219k
		and (63732.			
17958	3733					er with 17866, in
		place	of 17	708.		
190յ	3710					Screw
63726	8582	"		"		g Stud
18477	5030	"	46	"		-
190J	3710	**	"	"	**	Screw
2191	c 5030	"	66	"	Screw	·
63731		ш	44	44	Shan	c (left) with 63726
63732		"	"	"	"	(right)with63726
63733	8585	44	"	"	Sprin	g
1229r	5021	"	"	"	- "	Adjusting Screw
1547 _J	5021	64	"	"	"	" " "
		Lock	Nut.			

NO.	PLATE	NAME
63734	8583	Arch Clamp Frame
14079	3731	" " Dowel Pin
181 D	3738	" " " " Screw
55386		Arch Clamp complete, Nos. 1654c, 18367,
		18477, 18484, 18486, 55384, 55385,
		63734, two each 181p, 1229f, 1547j,
		14079, 63733 and four 1903, in place of
		17898, 17904 and 63928
18404		Feed Cam with two each 1901, 1192c and
		17874, in place of 18395
18484	5030	Feed Plate, in place of 17800 and 17923
*18485	5012	" Carrier Bar, in place of 18445
18486		" " 18485 with 810p,
		934J, 1195E, 1221c, 18366, 18390, 18488,
		18489, two 55300 and four 17806, in
		place of 18365
18487	5029	Feed Regulator with 1953, in place of
		17742
18488	3759	Feed Regulator Post, in place of 17743
18489	3759	" " Guide
8101	3759	" " Cap Screw
55328		Throat Plate 55324 with 55326 and two
		1208р
55326	8586	Throat Plate Needle Hole Bushing (small
		needle hole)
55330		Throat Plate complete, Nos. 1698c, 17828,
		50018F, 50117J, 55321, 55323 and 55328,
		in place of 55329

MACHINE No. 69-15

FOR STITCHING LARGE BUTTONS UPON COATS, CLOAKS, OVER-COATS, ETC. MAKES CROSSED STITCHES IN FOUR HOLE BUTTONS AND CAN BE ADJUSTED FOR TWO HOLE AND BAR BUTTONS. NEEDLE THROW \$ TO \$ INCH. MAKES EIGHTEEN CROSS AND THREE TYING STITCHES.

This Machine is the same as 69-5, with the following exceptions:

NO.	PLATE			NAME
18464	3764	Button	Clamp	(left) with 9311 and 17723
18465	3764	44	"	(right) with 9311 and 17723
18466	3764	"	"	Stop with two 17720

NO.

PLATE

NAME

NO.	PLATE	NAME .
63929		Button Clamp (universal) complete, for
		26 to 55 line buttons, Nos. 1180 _J , 1181 _J ,
		1182j, 1183j, 17717 to 17719, 18464 to
		18466, 39242, 39244 or 39246, 39245 or
		39247, 50237k, 63927 and two each 229J
	1.7	and 1175 _J , in place of 17898, 17904 and 63928
18405		Feed Cam with 17874 and two each 190j
		and 1192c, in place of 18395
39231	5005	Feed Cam Driving Worm with 1441c and
		1442c, in place of 18415
17997	5004	Feed Cam Driving Worm Wheel with
		453c, in place of 17797
18468	3764	Feed Plate, in place of 17800 and 17923
39312	5029	" Regulator with 1953, in place of
		17742
18469	5029	Feed Regulator Bracket with 690p, 39310
		and two 160p, in place of 18369
*39310		Feed Regulator Bracket Cap, in place of
		17732
39313	3759	Feed Regulator Swivel, in place of 17745

MACHINE No. 69-16

FOR TACKING MEN'S AND BOYS' BLUCHER SHOES. MAKES TACK & TO & INCH LONG. CONSISTING OF EIGHTEEN ST.TCHES IN TWO PARALLEL LINES AND THREE TYING STITCHES. HAS LONG BEAK SHUTTLE.

This Machine is the same as 69-5, with the following exceptions:

NO.	PLATE				NAME
1847	3 5030	Arch	Clamp	Foot	t (left)
5538	4 —	44	44	44	" 18473 with 219K
		and			
1847	5 5030	Arch	Clamp	Foot	t (right)
5538	5 —	46	"	"	" 18475 with 219K
1795	8 3733	Arch	Clamp	Foc	ot Lifter with 17866, in
19	0л 3710	Arch	Clamp	Foot	t Lifter Screw
6372	6 8582	"	44 .	"	Lifting Stud
1847	7 5030	44	44	"	Plate
19	Ој 3710	44	44	"	" Screw
21	9к 5030	"	"	"	Screw

Arch Clamp Foot Shank (left) with 63726 63731 64 66 " (right) with 63726 63732 Spring..... 63733 8585 Adjusting Screw 1229F 50211547_J 5021 Lock Nut..... Arch Clamp Frame..... 63734 8583 " " Dowel Pin..... 14079 3731 " " Screw..... 181л 5021 Arch Clamp complete, Nos. 1654c, 18367, 55386 ----18477, 18484, 18486, 55384, 55385, 63734, two each 181J, 1229F, 1547J, 14079, 63733 and four 190_J, in place of 17898, 17904 and 63928..... Cylinder, in place of 55407..... *55408 ----Feed Cam with two each 190_J, 1192c and 17874, in place of 18395..... Feed Plate, in place of 17800 and 17923... 18484 5030 " Carrier Bar, in place of 18445 *18485 5012 " " 18485 with 810p. 18486 -934J, 1195E, 1221c, 18366, 18390, 18488, 18489, two 55300 and four 17806, in place of 18365..... 18487 5029 Feed Regulator with 1953, in place of 17742..... Feed Regulator Post, in place of 17743... 18488 3759 " " Guide..... 18489 3759 " Cap Screw... 810_D 3759 55397 8582 Knife (needle thread) in place of 55319... 55398 " Holder 17825 with 1198c, 17829, 55320 and 55397, in place of 55323..... Knife (stationary) Bracket, in place of 55399 55322..... Oscillating Shaft, in place of 18385...... 6023 Shuttle Bobbin, in place of 2996..... 2073 3702 " Retaining Spring..... 2211 3702 " Rivet... 22123702 *39295 Body with 398E, 2082, 2084, 2211 and two 2212..... *2075 ----Shuttle Cover..... " 2075 with 112D, 466н, 2078, *44001 – 2080, 2086 and 2090..... 2076 3702 Shuttle Cover Hinge Pin..... 2078 3702 Delivery Eye Thread Guard..... " " " Rivet 2080 3702 2082 3702 Main Spring..... " " Screw..... 398**E 3702**

NO.	PLATE	NAME
2084	3702	Shuttle Main Spring Steady Pin
466н	3702	" Tension Regulating Screw
2086	3702	" Spring
2090	3702	" " Plate
112 _D	3702	" " Screw
39296	3702	Shuttle complete, Nos. 2073, 2076, 39295
		and 44001, in place of 21561
39487	3702	Shuttle Driver with two 457c, in place of 2441.
457c	3702	Shuttle Driver Set Screw
55400		Shuttle Race Body, in place of 18411
55271	5032	" Ring, in place of 18429
55401		Shuttle Race complete, Nos. 55271, 55400,
	* *	and two each 1289p and 18413, in place of 18430
198 _D	5021	Shuttle Race Screw, in place of 171p
*63749		Thread Take-up Cam, in place of 55302.
39204	5028	" " 63749 with 446c, in
		place of 18392
3072	5028	Thread Take-up Lever with 1819, in place of 18393
56756	.—	Thread Take-up Lever 3072 with 76c, in place of 55283
76c	8584	Thread Take-up Lever Hinge Screw, in
1010	0504	place of 79
1819	8584	Thread Take-up Lever Roller and Stud,
55402	8587	in place of 1822
55402 55403	8987	" " 55402 with 55325 and two
00400	-	
55325	8586	1208D Throat Plate Needle Hole Bushing (large
00020	0000	
55404		needle hole)
00101		50018F, 50117J, 55321, 55398 and 55403,
	•	in place of 55329
		III pinoc or ocozo

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.

MACHINE No. 69-17

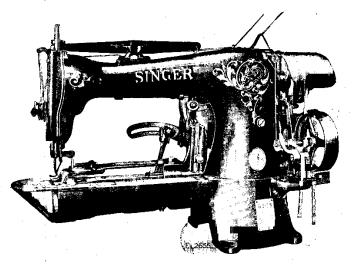
FOR STITCHING TWO OR FOUR HOLE GROOVED BUTTONS ON MEN'S AND BOYS' CLOTHING. MAKES TWO SEPARATE BARS IN FOUR HOLE BUTTONS; NO CROSS STITCHES BETWEEN THE BARS. AFTER THE FIRST BAR IS COMPLETED AND THE THREAD CUT, THE CLAMP AUTOMATICALLY BRINGS THE BUTTON INTO POSITION FOR THE SECOND BAR. MAKES EIGHTEEN STITCHES, INCLUDING THREE TYING STITCHES, TO EACH BAR.

This Machine is the same as 69-5, with the following exceptions:

NO.	PLATE	NAME
55308		Feed Cam with two each 1192c, 17874
		and four 190j, in place of 18395
39211	50 05	Feed Cam Driving Worm with 1441c
		and 1442c, in place of 18415
39212	5002	Feed Cam Driving Worm Wheel with
		453c, in place of 17797

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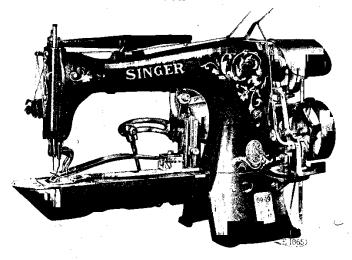
FOR STITCHING TWO OR FOUR HOLE GROOVED BUTTONS ON MEN'S AND BOYS' CLOTHING. MAKES TWO SEPARATE BARS IN FOUR HOLE BUTTONS; NO CROSS STITCHES BETWEEN THE BARS. AFTER THE FIRST BAR IS COMPLETED AND THE THREAD CUT, THE CLAMP AUTOMATICALLY BRINGS THE BUTTON INTO POSITION FOR THE SECOND BAR. MAKES NINE STITCHES, INCLUDING THREE TYING STITCHES, TO EACH BAR.

This Machine is the same as 69-5, with the following exceptions:

NO.	PLATE	NAME
NO.	PLATE	
55309		Feed Cam with two 1192c, four each 190j
		and 17874, in place of 18395
39211	5005	Feed Cam Driving Worm with 1441c and
		1442c, in place of 18415
39212	5002	Feed Cam Driving Worm Wheel with
		453c, in place of 17797
55328		Throat Plate 55324 with 55326 and two
		1208p
55326	8586	Throat Plate Needle Hole Bushing (small
		needle hole)
55330		Throat Plate complete, Nos. 1698c, 17828,
		50018F, 50117J, 55321, 55323 and 55328,
		in place of 55329

LIST OF PARTS COMPLETE

FOR



MACHINE No. 69-19

FOR SHOE TACKING. MAKES TACK UP TO 3/8 INCH LONG, CONSISTING OF TWO STAY, NINE LONG AND SEVEN CROSS STITCHES. HAS LONG BEAK SHUTTLE. OTHERWISE SAME AS NO. 69-12 MACHINE.

NO.	PLATE				NA	ME		
*55405		Arm	with .	4449,	178	44 an	d two 1	64E
4389	5042	44	Dowe	l Pin				
4448	3722	"	Oil T	ube, :	for in	aterm	ediate k	earing
880a	3724	46	Screw	7 .	. 			
17702	5000	"	Shaft					
17703	5001	"	"	Busl	ning	(back	:)(:	
50 333c	5042	. "	"		٠ .	` "	Adjusti	ng Screw
1520E	3724	. "	. "	6		"	• "	"
		N	ut				<i>.</i>	
*4449		Arm	Shaft	Busl	ning	(fron	t)	
124674	8583	. "						
190 _J	3710	"	"	"	Scr	ew		
18498	5044	Belt	Cover	·				
39290	5001	"	"	Bra	cket	with	184 E an	d 17741.

NO. PLATE	NAME
184E 5021	Belt Cover Bracket Screw Stud
17741 5008	Stud
$217_{ m J}$ 3731	" " Screw
39222 5001	" Shifter
63976 8582	" " Clamp
1255р 5021	" " Screw
63811 7205	Clamp Arm (lower) with two 17992
17992 3740	" " " Hook
63812 7205	" (upper)
39333 3761	" " Bracket
39336 3761	Clamp Arm Bracket (adjustable) com-
	plete, Nos. 129E, 1178D, 1300D, 1654C,
	39333 to 39335 and 50048j
129E 3761	Clamp Arm Bracket Adjusting Screw
39334 3761	" " Hinge Block
1300р 3761	" " " Screw
50048j 3761	" " Screw (eccen-
	trie)
1654c 3761	Clamp Arm Bracket Hinge Screw Nut
17958 3733	" " Lifter with 17866
190л 3710	" " Screw
9330 3740	" " Pin
1178p 3761	" Screw
39335 3761	" " Plate
18490	Clamp complete, Nos. 1654c, 9330, 18365,
10450	18367, 39304, 39336, 63811 and 63812
4292 5002	Crank Connecting Rod
375c 3724	" " Hinge Screw
1518E 3718	" " " Nut.
*55408 —	Cylinder
18388 5008	DIOCK
1300p 3748	DUIEW
18427 5001	End Cover with 18428, 18444
40400 M000	and three 4604
18428 5008	Cylinder End Cover Bracket
18444 5008	ringe rin
4604 5008	Rivet
18379 5008	. Spring
217E 3731	Screw
17724 5001	Face Plate
*63736	" " 17724 with 2105
17725	Face Plate complete, Nos. 448c, 600c,
	1560c, 2103, 2107, 2124, 2127, 63736
	and two each 233s and 2102
164ј 3724	Face Plate Screw
2107 3722	" " Thread Guard
233л 3722	" " " Screw

NO. PLATI	C NAME
55376 8585	
000.0 0000	and four 1057E
55378	Feed Across Connection 55376 with 50598c
00010	and 55381
+01050	
*21358 —	Feed Across Connection Cap (lower)
1057E 8584	Delett
*55377	(upper)
1057E 8584	DULEW
18356 5006	" Regulator with 1952
50598c 8584	Dan Screw Stud
1676c 5008	
15500 5000	Nut
17738 5008	
	Nut Washer
18357 5008	Feed Across Regulator Hinge Stud
690 _D 3748	
1050 5000	ing Screw
1952 5008	
18358 5002	, Snart
18359 5008	
200F 5008 18421 5009	Dou Colon
18421 5009	Crank (back) with 100E
55381 8584	and 200c Feed Across Shaft Crank (back) Ball Stud
200c 500s	• • • • • • • • • • • • • • • • • • • •
2000 5000	Set Screw
160£ 5008	
1005 9000	Screw
18362 5007	
10002 0001	` '
	and 18363
160∞ 5009	and 18363 (front) Clamping
160e, 5008	Feed Across Shaft Crank (front) Clamping
	Feed Across Shaft Crank (front) Clamping Screw
18363 5007	S Feed Across Shaft Crank (front) Clamping Screw
	S Feed Across Shaft Crank (front) Clamping Screw
18363 5007	S Feed Across Shaft Crank (front) Clamping Screw
18363 5007 18364 5007	S Feed Across Shaft Crank (front) Clamping Screw
18363 5007 18364 5007	S Feed Across Shaft Crank (front) Clamping Screw
18363 5007 18364 5007 17766 ———	S Feed Across Shaft Crank (front) Clamping Screw
18363 5007 18364 5007 17766 ———	S Feed Across Shaft Crank (front) Clamping Screw
18363 5007 18364 5007 17766 ——————————————————————————————————	S Feed Across Shaft Crank (front) Clamping Screw
18363 5007 18364 5007 17766 —— 39211 5008 1442c 5021	Feed Across Shaft Crank (front) Clamping Screw Feed Across Shaft Crank (front) Stud """" Slide Block Feed Cam with two each 1192c, 17874 and four 190J Feed Cam Driving Worm with 1441c and 1442c Feed Cam Driving Worm Position Screw """ Set Screw
18363 5007 18364 5007 17766 ——————————————————————————————————	Feed Across Shaft Crank (front) Clamping Screw
18363 5007 18364 5007 17766 ——————————————————————————————————	Feed Across Shaft Crank (front) Clamping Screw
18363 5007 18364 5007 17766 ——————————————————————————————————	Feed Across Shaft Crank (front) Clamping Screw
18363 5007 18364 5007 17766 ——————————————————————————————————	Feed Across Shaft Crank (front) Clamping Screw. Feed Across Shaft Crank (front) Stud " " " " " " " " " " " " " " " " " " "

NO. PLATE	NAME
1653c 3724	Feed Cam Shaft Nut
39304 5014	" Plate
*18445 5002	" Carrier Bar
18365 —	" " " 18445 with 9343
10000	1195E, 1221c, 17743, 18366, 18390, two
	55300 and four 17806
10000 5007	
18366 5007	Feed Plate Carrier Bar Block
18367 5007	Cover
1221c 5007	oerew
55300 5042	Steady Pi
17805 5007	FIVOU DIOCK
1194р 5007	Screw.
18390 5007	riate
934л 5007	Screw
1654c 5013	TN Q b
17806 5013	" " Position Stud
1195E 5013	" " Screw Stud
17742 5006	" Regulator with 1953
18369 . 5006	" Bracket with 690D, 1773
	and two 160p
17732	Feed Regulator Bracket Cap
160р 5008	" " Serew
8589 3722	" " " Dowel Pin
1177E 3710	" " Screw
17744 5009	" " Hinge Stud
17743 5009	" " Post
1953 5021	" " Roller and Screw Stu-
	with 1655c and 14017
1655c 5021	Feed Regulator Roller and Screw Stud Nu
14017 5015	
	Washer
1190c 5009	Feed Regulator Stop Screw
17745 5009	" " Swivel
1191 р 5009	" " Thumb Screw
55397 8582	Knife (needle thread) for 55398
55320 8582	" (shuttle thread) for 55398
55321 8582	" (stationary) for 55404
55399	" " Bracket
42639 8584	" " Pin
50117 _J 8584	" " Screw
18370 5000	" Bar with 18373 and two 17822
18371 5015	" " Cap
217л 3731	" " Screw
18372 5016	" " Connection with 17917
190, 3710	" " Screw
7071 5008	" " " Washer
17915 5016	" " Slide Block
	~=~ == == == = = = = = = = = = = = = =

NO. PLA	TE .		NAME		
17917 —		Bar Con	nection S	lide Blo	ck 17915
		ı 17916			
17916 50		Bar Conn			
39297 50					Ој, 1420е,
0020. 00		19 and 39			
1382F 50		Bar Driv	ing Lever	Hinge 8	Screw
1681c 50		" "	"	"	" Nut
39298 50			· ·	Lock St	" Nut
17919 50		" "	"	"	" Spring
190л 37		" "			" "
1000 01		w			
1420E 50	16 Knife	Bar Driv	ing Leve	Lock S	Stud Stop
IIIOE OU		w			
18373 50		Bar Rack			
17822 50		" "	Rivet	• • • • • • •	
39235 50		Cam Leve	ar Body	• · · · · · ·	
39409	"		01 1001y		th 39460.
39329 50	20 Knife	Cam Le			
00020 00.	ond ond	39409	voi comp	1000, 111	05. 10100
18470 50	28 Knife	Cam Lev	or Bracks	at swith 1	177n
8589 37		" "			Pin
670E 50		<i>u u</i>	"		
50029c 37			Hinge		
18471 37		и и	**	" Bi	ushing
*18472 —	"	"	"	"	"_18471
10111	wit	n 5002 9c			C.10111
1177р 37		Cam Le			
	Cla	mping Ser	ew	0 201011	Danine
1980 37	59 Knife	Cam Lev	er Roller	and Sc	rew Stud
		h 1654c			
1654c 50		Cam Le			
		;			
39330 37		Cam Lev			
39460	"	" "	" 3	9330 wi	th 1255D
	and	39331			
1255р 50		Cam Lev			
	59 "	" "	"	" W:	asher
19793 50	15 "	" "	" 8	teady P	in
	15 "	Holder w	ith 17826	17830	and two
	729	8			
55398 —		Holder			
00000 —		20 and 55			
1500e *0					
		Holder P			
	15 "			vel Pin	
		. "	" Stu	a	
17828 50		 27			ket with
•	178	21			· · · · · · · · · · · ·

φ. 1 40

NO.	PLATE	NAME
$50018_{ m F}$	5021	Knife Holder Pinion Stud Bracket Screw
1698c	5021	" " " " " " " " " " " " " " " " " " "
		Nut
1198c	5015	Knife Screw
17829	5015	" Thread Holder
17830	5015	" " Position Pin
17831	5002	Needle Bar with 237F
*39203	3718	" Connecting Link
377c	3718	" " " Hinge Screw
$1518_{ m E}$	3718	
		Nut
21629	3718	Needle Bar Connecting Stud with 155c
155c	3718	" " Set Screw
39350	5029	" " Thread Nipper Driving Lever
		(adjustable) with 39351 and two 3351
39351	3759	Needle Bar Thread Nipper Driving Lever
		Extension
335л	3759	Needle Bar Thread Nipper Driving Lever
****		Extension Screw.
1196c	3721	Needle Bar Thread Nipper Driving Lever
39352	5029	Hinge Screw
595 <u>0</u> 2	3029	Needle Bar Thread Nipper Driving Lever Spring
17834	3718	Needle Bar Thread Nipper Lever with
11001	0(10	17835
17835	3718	Needle Bar Thread Nipper Lever Bushing
1200p		" " " Hinge
	3.23	Screw
39276	5009	Needle Bar Thread Nipper Lever Spring
1329л	5009	
		Screw
17837	5019	Needle Bar Thread Nipper Rod
17838	3718	" " " Adjusting
		Stud
1651E	5021	Needle Bar Thread Nipper Rod Adjusting
		Stud Lock Nut
17839	3718	Needle Bar Thread Nipper Rod Arm with
		196r
196F	3718	Needle Bar Thread Nipper Rod Arm Set
		Screw
17840	5001	Needle Bar Thread Nipper Rod Support
190л	3710	
		Screw
$237_{ m F}$	3724	Needle Set Screw
*6022	5001	Oscillating Rock Shaft with 4784
16806		" " " 6022 with 56812
3052	8585	" " Hinge Pin

NO. PLATE	NAME
	Oscillating Rock Shaft Hinge Pin 3052
56812	
	with 1513j
1513ј 3724	Oscillating Rock Shaft Hinge Pin Nut
4784 5009	" " " Oil Pad
6023 5028	" Shaft
18386	" " Crank
18387 5017	Oscillating Shaft Crank complete, Nos.
	237F, 1519E, 15171 and 18386
2049 5017	Oscillating Shaft Crank Pin
237F 5017	" " Set Screw
15170 5017	" " Slide Block
226E 8584	" " " " Cap
	Screw
12424 5017	Oscillating Shaft Crank Slide Block Cap
	Screw Washer
1035c 5017	Oscillating Shaft Crank Slide Block Screw
10000 0017	Stud
1519E 5017	Oscillating Shaft Crank Slide Block Screw
	Stud Nut
15171 5017	Oscillating Shaft Crank Slide Block com-
	plete, Nos. 226E, 1035c, 12424 and 15170
2058 5002	Presser Bar
17841 3718	" Collar with two 196F
196 _F 3718	" " Set Screw
17842 3718	" Guide Bracket with 453c
453c 5007	" " " Set Screw
17843 5006	" " Lifting Lever
17844 5006	" " " Bracket
164E 3724	" " " " Screw
1201c 5021	" " " Hinge Screw
17845 5019	" " " Rod
17846 ——	" " " " Chain
32675 8582	" Spring
63975 8583	Pulley (loose) 23/4 in. diam
17848 5003	" " Bushing
2269 3722	" " Position Pin
1202n 3724	" Cap Screw
17942 5003	" (tight) 21/8 in. diam., with 2269
2022 3722	" " Pin
17955	Pulleys complete, Nos. 1202r, 1206c, 17848,
11000	17854, 17942 and 63975
9079 9700	,
2073 3702	Shuttle Bobbin
2211 3702	recanning opinig
2212 3702	161766
*39295 ——	Dody with 050E, 2002, 2001, 2211
007	and two 2212
*2075	Shuttle Cover

	PLATE	NAME
*44001		Shuttle Cover 2075 with 112D, 466H, 2078,
		2080, 2086 and 2090
2076	3702	Shuttle Cover Hinge Pin
2078	3702	" Delivery Eye Thread Guard
2080	3702	" " " " Rivet
2082	3702	" Main Spring
398E	3702	" " " Screw
2084	3702	" " Steady Pin
466н	3702	" Tension Regulating Screw
2086	3702	" " Spring
2090	3702	" " Plate
112p	3702	" " Screw
39296	3702	Shuttle complete, Nos. 2073, 2076, 39295
00200	0.0-	and 44001
20407	2702	Shuttle Driver with two 457c
39487 2049	3702 3702	" "Pin
		1 ш
457c	3702	Set Screw
55400		Race body
55271	5032	rang
18413	5018	
1289ъ	9018	Screw
55401		Shuttle Race complete, Nos. 55271, 55400
		and two each 1289p and 18413
198n	5021	Shuttle Race Screw
		Diffine trace peren
17853	5003	Starting Lever
	5 003	Starting Lever
17853 1262c 1662c	5003 5021 5021	Starting Lever
17853 1262c	5003 5021	Starting Lever
17853 1262c 1662c	5003 5021 5021	Starting Lever
17853 1262c 1662c 17886	5003 5021 5021 5019	Starting Lever
17853 1262c 1662c 17886 17854	5003 5021 5021 5019 3721	Starting Lever
17853 1262c 1662c 17886 17854 17855	5003 5021 5021 5019 3721 3721	Starting Lever
17853 1262c 1662c 17886 17854 17855 55388	5003 5021 5021 5019 3721 3721 8585	Starting Lever
17853 1262c 1662c 17886 17854 17855 55388 55389	5003 5021 5021 5019 3721 3721 8585	Starting Lever
17853 1262c 1662c 17886 17854 17855 55388	5003 5021 5021 5019 3721 3721 8585	Starting Lever
17853 1262c 1662c 17886 17854 17855 55388 55389 55418	5003 5021 5021 5019 3721 3721 8585	Starting Lever
17853 1262c 1662c 17886 17854 17855 55388 55389	5003 5021 5021 5019 3721 3721 8585	Starting Lever
17853 1262c 1662c 17886 17854 17855 55388 55389 55418	5003 5021 5021 5019 3721 3721 8585	Starting Lever
17853 1262c 1662c 17886 17854 17855 55388 55389 55418	5003 5021 5021 5019 3721 3721 8585	Starting Lever
17853 1262c 1662c 17886 17854 17855 55388 55389 55418 *55285	5003 5021 5021 5019 3721 3721 8585	Starting Lever
17853 1262c 1662c 17886 17854 17855 55388 55389 55418	5003 5021 5021 5019 3721 3721 8585	Starting Lever
17853 1262c 1662c 17886 17854 17855 55388 55389 55418 *55285	5003 5021 5021 5019 3721 3721 8585	## Starting Lever ## ## Hinge Screw ## ## Nut ## Pitman Stop Cam ## Case ## ## Case ## ## ## 5 5 3 8 8 ## ## with 18443 and two 1931 Stop Cam Interlocking Rod Case 55389 ## ## ## ## ## ## ## ## ## ## ## ## ##
17853 1262c 1662c 17886 17854 17855 55388 55389 55418 *55285	5003 5021 5021 5019 3721 3721 8585	Starting Lever

NO.	PLATE	NAME
16532	3722	Stop Cam Interlocking Rod Case Bracket
~		Dowel Pin
1343E	5021	Stop Cam Interlocking Rod Case Bracket
1		Screw
1204E	3721	Stop Cam Interlocking Rod Case Hinge
		Screw
17859	5003	Stop Cam Interlocking Rod Case Socket
		Joint
898p	3721	Stop Cam Interlocking Rod Case Socket
		Joint Cap Screw
39343	5028	Stop Cam Interlocking Rod Case Spring
		(flat)
50682c	8584	Stop Cam Interlocking Rod Case Spring
		Adjusting Screw
1520e	3759	Stop Cam Interlocking Rod Case Spring
		Adjusting Screw Nut
39344	3759	Stop Cam Interlocking Rod Case Spring
		Bracket with 1520m and 50682c
1186D	5021	Stop Cam Interlocking Rod Case Spring
		Bracket Screw
17861	3721	Stop Cam Interlocking Rod Case Stop
		Stud
1254c	5021	Stop Cam Interlocking Rod Case Stop
		Stud Screw Bushing
1508E	5021	Stop Cam Interlocking Rod Case Stop
4=000	0=04	Stud Screw Bushing Lock Nut
17862	3721	Stop Cam Interlocking Rod Case Stop
10110	-01-	Stud Spring.
18443	5015	Stop Cam Interlocking Rod Case Wearing
		Block
193ј	5015	Stop Cam Interlocking Rod Case Wearing
		Block Screw
17863	3721	Stop Cam Interlocking Rod Spring
17864	3721	" " " Stop
	3748	" " " Screw
3012	3722	" " Pin
	3721	" " Screw
2102	3722	Tension Disc
	3722	regulating Thumb Nut
6000		" Screw Stud
4480		Det Bulew
2103	3722	opring
2105	3722	I iireau Guaru
*63749	<u></u>	Thread Take-up Cam
39204	5028	OSTES WILL TOU
3012	3722	
44 6c	3724	" Set Screw

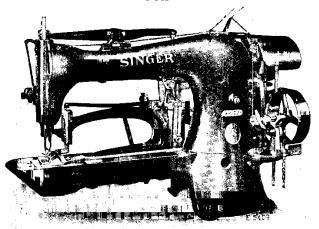
NO. PLATE	NAME
3072 5028	Thread Take-up Lever with 1819
56756	" " 3072 with 76c
76c 8584	" " Hinge Screw
1819 8584	" " Roller and Stud
2124 3722	" " Spring
2127 3722	" " Regulator Plate
233л 3722	и и и и и
	Adjusting Screw
17865 3710	Thread Wiper Body
1207р 3710	" " Hinge Screw
17866 3710	" " " Hook
17867 3710	", " Support
641c 5021	" " Set Screw
17868 3710	" " Wire
337 _J 3718	" " " Screw
17869 3710	" " " Washer
55402 8587	Throat Plate with 55399 and two 42639
55403	" 55402 with 55325 and two
	1208р
55325 8586	Throat Plate Needle Hole Bushing (large
	needle hole)
1208р 5020	Throat Plate Needle Hole Bushing Screw
55404	Throat Plate complete, Nos. 1698c, 17828,
	50018F, 50117J, 55321, 55398 and 55403
691 F 5015	Throat Plate Screw
17872 3721	Trip Lever
1196c 3721	" " Hinge Screw
17873 3721	" " Spring
1182E 3705	" " Screw
17874 5009	Tripping Point
190л 3710	" " Screw

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. 69-22

FOR STITCHING LAUNDRY TAGS ON SHIRTS, UNDERWEAR, ETC. ALSO FOR TACKING BLUCHER SHOES. THE MACHINE IS FITTED WITH A WORK HOLDING CLAMP AND FEED CAM FOR SEWING A RECTANGLE $^{3}\%_{4}$ INCH by $^{15}\%_{4}$ INCH, consisting of twenty-one stitches, including the tying stitches.

NO.	PLATE				NAME				
55390	8582	Arch	Clamp	Foot	(left)	for 5	5391.		
55410	8588	44	"	"	"	" 5	5411.		
55391		"	"	"	"	5539	0 wit	h	219к
		and	63731	l, for a	55394				
55411		Arch	Clamp	Foot	(left	554	10 wi	th	219ĸ
		and	6 3 731	, for a	55414	.			
63731			Clamp						
55392	8582	46	"	"	(righ	t) for	5539	3	
55412	8588	44	44	"	"	44	5541	3	
55393		44	"	44.	"	553	392 w	ith	219к
		and	l 63732	2, for a	553 94		. .		
55413		\mathbf{Arch}	Clamp	Foot	(righ	t) 554	112 w	ith	219ĸ
		and	63732	for	55414				

NO.	PLATE	NAME
63732		Arch Clamp Foot Shank (right) with 63726
17958	3733	" " Lifter with 17866
190j	3710	" " " Screw
63726	8582	" " Lifting Stud
2191	5030	" " Screw
18477	5030	" " Plate
190 _J	3710	" " " Screw
63733	8585	" " Spring
	5021	" " Adjusting Screw
1547 _J		
10210	00-2	Lock Nut
63734	8583	Arch Clamp Frame
14079	3731	
	3738	" " Screw
55394	0100.	Arch Clamp complete, Nos. 1654c, 18367,
99994		18477, 18486, 55391, 55393, 55396,
•	1.	63734, two each 181D, 1229F, 1547J,
**		
111	e de la companya de La companya de la co	14079, 63733 and four 190s
55414		Arch Clamp complete, Nos. 1654c, 18367,
Salar Salar	Maria Alt	18477, 18486, 55411, 55413, 55417,
	- 17 m	63734, two each 181D, 1229F, 1547J,
		14079, 63733 and four 1901 (For Singer
		Clydebank only)
*55405		Arm with 4449, 17844 and two 164E
		AIM WINE TATO, LIGHT AND TWO LOTE,
4389	5042	" Dowel Pin
4389 4448	5042 3722	
4448		" Dowel Pin
4448	3722	" Dowel Pin. " Oil Tube, for intermediate bearing " Screw
4448 880a	3722 3724 5000	" Dowel Pin. " Oil Tube, for intermediate bearing " Screw " Shaft.
4448 880± 17702	3722 3724 5000 5001	" Dowel Pin. " Oil Tube, for intermediate bearing " Screw " Shaft. " Bushing (back)
4448 880a 17702 17703	3722 3724 5000 5001	" Dowel Pin. " Oil Tube, for intermediate bearing " Screw
4448 880a 17702 17703 50333c	3722 3724 5000 5001 5042	" Dowel Pin. " Oil Tube, for intermediate bearing " Screw
4448 880a 17702 17703 50333c	3722 3724 5000 5001	" Dowel Pin. " Oil Tube, for intermediate bearing " Screw
4448 880m 17702 17703 50333c 1520m	3722 3724 5000 5001 5042	" Dowel Pin. " Oil Tube, for intermediate bearing " Screw " Shaft. " " Bushing (back) " " " Adjusting Screw Arm Shaft Bushing (back) Adjusting Screw Nut
4448 880m 17702 17703 503330 1520m *4449	3722 3724 5000 5001 5042 3724	" Dowel Pin. " Oil Tube, for intermediate bearing " Screw " Shaft. " " Bushing (back) " " " Adjusting Screw Arm Shaft Bushing (back) Adjusting Screw Nut Arm Shaft Bushing (front)
4448 880s 17702 17703 503330 1520s *4449 124674	3722 3724 5000 5001 5042 3724	" Dowel Pin. " Oil Tube, for intermediate bearing " Screw. " Shaft. " " Bushing (back). " " " A d justing Screw. Arm Shaft Bushing (back) Adjusting Screw Nut. Arm Shaft Bushing (front). " Side Cover.
4448 880g 17702 17703 503330 1520g *4449 124674 190g	3722 3724 5000 5001 5042 3724 	" Dowel Pin. " Oil Tube, for intermediate bearing " Screw. " Shaft. " " Bushing (back). " " " A djusting Screw. Arm Shaft Bushing (back) Adjusting Screw Nut. Arm Shaft Bushing (front). " Side Cover. " " Screw.
4448 880s 17702 17703 50333c 1520s *4449 124674 190s 18498	3722 3724 5000 5001 5042 3724 ————————————————————————————————————	" Dowel Pin. " Oil Tube, for intermediate bearing " Screw. " Shaft. " " Bushing (back). " " " Adjusting Screw. Arm Shaft Bushing (back) Adjusting Screw Nut. Arm Shaft Bushing (front). " Side Cover. " " Screw.
4448 880# 17702 17703 50333c 1520# *4449 124674 190# 18498 39290	3722 3724 5000 5001 5042 3724 ————————————————————————————————————	" Dowel Pin. " Oil Tube, for intermediate bearing " Screw. " Shaft. " " Bushing (back). " " " Adjusting Screw. Arm Shaft Bushing (back) Adjusting Screw Nut. Arm Shaft Bushing (front). " Side Cover. " " Screw. Belt Cover. " " Bracket with 184£ and 17741.
4448 880# 17702 17703 50333c 1520# *4449 124674 190r 18498 39290 184#	3722 3724 5000 5001 5042 3724 	" Dowel Pin. " Oil Tube, for intermediate bearing " Screw " Shaft. " " Bushing (back) " " Adjusting Screw Arm Shaft Bushing (back) Adjusting Screw Nut Arm Shaft Bushing (front) " Side Cover " " Screw Belt Cover " " Bracket with 184z and 17741. " " Screw Stud
4448 880# 17702 17703 50333c 1520# *4449 124674 1900 18498 39290 184# 17741	3722 3724 5000 5001 5042 3724 	" Dowel Pin. " Oil Tube, for intermediate bearing " Screw " Shaft. " " Bushing (back) " " Adjusting Screw Arm Shaft Bushing (back) Adjusting Screw Nut Arm Shaft Bushing (front) " Side Cover " " Screw Belt Cover " " Bracket with 184z and 17741. " " " Screw Stud " " Stud
4448 880E 17702 17703 50333c 1520E *4449 124674 190J 18498 39290 184E 17741 217J	3722 3724 5000 5001 5042 3724 	" Dowel Pin. " Oil Tube, for intermediate bearing " Screw. " Shaft. " " Bushing (back). " " " Adjusting Screw. Arm Shaft Bushing (back) Adjusting Screw Nut. Arm Shaft Bushing (front). " Side Cover. " " Screw. Belt Cover. " " Bracket with 1845 and 17741. " " " Screw Stud. " " Stud. " " Screw.
4448 880E 17702 17703 50333c 1520E *4449 124674 1907 18498 39290 184E 17741 217J 39222	3722 3724 5000 5001 5042 3724 	" Dowel Pin. " Oil Tube, for intermediate bearing " Screw " Shaft. " " Bushing (back) " " " Adjusting Screw Arm Shaft Bushing (back) Adjusting Screw Nut Arm Shaft Bushing (front) " Side Cover " " Screw Belt Cover " " Screw Belt Cover " " Screw Stud " " Screw Stud " " Screw " " Screw " " Stud " " Screw " " Screw
4448 880E 17702 17703 50333c 1520E *4449 124674 190J 18498 39290 184E 17741 217J 39222 63976	3722 3724 5000 5001 5042 3724 8583 3710 5044 5001 5021 5008 3731 5001 8582	" Dowel Pin. " Oil Tube, for intermediate bearing " Screw. " Shaft. " " Bushing (back). " " Adjusting Screw. Arm Shaft Bushing (back) Adjusting Screw Nut. Arm Shaft Bushing (front). " Side Cover. " " Screw. Belt Cover. " " Screw. Belt Cover. " " Screw Stud. " " Screw Stud. " " Screw. " " Screw. " Stud. " " Screw. " Shifter. " " Clamp.
4448 880g 17702 17703 50333c 1520g *4449 124674 1900 18498 39290 184g 17741 2170 39222 63976 1255g	3722 3724 5000 5001 5042 3724 8583 3710 5044 5001 5001 5008 3731 5001 8582 5021	" Dowel Pin. " Oil Tube, for intermediate bearing " Screw. " Shaft. " " Bushing (back). " " Adjusting Screw. Arm Shaft Bushing (back) Adjusting Screw Nut. Arm Shaft Bushing (front). " Side Cover. " " Screw. Belt Cover. " " Screw. Belt Cover. " " Screw Stud. " " Screw Stud. " " Screw. " Screw. " Shifter. " " Clamp. " " Screw.
4448 880# 17702 17703 50333c 1520# *4449 124674 190J 18498 39290 184# 17741 217J 39222 63976 12551 4292	3722 3724 5000 5001 5042 3724 8583 3710 5044 5001 5021 5008 3731 5001 8582 5021 5002	" Dowel Pin. " Oil Tube, for intermediate bearing " Screw " Shaft. " " Bushing (back) " " Adjusting Screw Arm Shaft Bushing (back) Adjusting Screw Nut Arm Shaft Bushing (front). " Side Cover " " Screw Belt Cover " " Screw Belt Cover " " Screw Stud " " Screw " " Stud " " Screw " " Shifter " " Clamp " " Screw Crank Connecting Rod
4448 880# 17702 17703 50333c 1520# *4449 124674 190J 18498 39290 184# 17741 217J 39222 63976 1255I 4292 375c	3722 3724 5000 5001 5042 3724 8583 3710 5044 5001 5001 5008 3731 5001 8582 5021	" Dowel Pin. " Oil Tube, for intermediate bearing " Screw. " Shaft. " " Bushing (back). " " Adjusting Screw. Arm Shaft Bushing (back) Adjusting Screw Nut. Arm Shaft Bushing (front). " Side Cover. " " Screw. Belt Cover. " " Screw. Belt Cover. " " Screw Stud. " " Screw Stud. " " Screw. " Screw. " Shifter. " " Clamp. " " Screw.

NO. P	LATE	NAME
*55407		Cylinder
18388	5008	" Block
1300р	3748	" " Screw
18427	5001	" End Cover with 18428, 18444
		and three 4604
18428	5008	Cylinder End Cover Bracket
18444	5008	" " " Hinge Pin
4604	5008	" " " Rivet
18379	5008	" " Spring
217E	3731	" " " Screw
17724	5001	Face Plate
*63736	`	" " 17724 with 2105
17725	<u> </u>	Face Plate complete, Nos. 448c, 600c,
		1560c, 2103, 2107, 2124, 2127, 63736
		and two each 233s and 2102
164D	3724	Face Plate Screw
	3722	" " Thread Guard
	3722	" " " Screw
55376	8585	Feed Across Connection with 21358, 55377
		and four 1057E
55378		Feed Across Connection 55376 with 50598c
00010		and 55381
*21358		Feed Across Connection Cap (lower)
1057E	8584	" " " Seraw
*55377		" " (upper)
1057E	8584	" " " Screw
18356	5006	" " Regulator with 1952
50598c	8584	" " Ball Screw Stud
1676c	5008	" " " " " Nut
17738	5008	
		Washer
18357	5008	Feed Across Regulator Hinge Stud
690p	3748	" " " " Clamp-
	•	ing Screw
1952	5008	Feed Across Regulator Roller and Stud
18358	5002	" " Shaft
18359	5008	" " Collar with two 200F
200F	5008	" " Set Screw
18360	5008	" " Crank (back) with 160E
		and 200c
55381	8584	Feed Across Shaft Crank (back) Ball Stud
200c		" " " " " " " "
2000	5500	Set Screw
. 160E	5008	Feed Across Shaft Crank (back) Clamp-
	5000	ing Screw
18362	5007	Feed Across Shaft Crank (front) with
1000	5001	160m and 18363

NO.	PLATE				N A	ME			
	5008	Food	Acro	ee Sh				iront) C	lamn-
TOOL	0000								•
		U							
18363	5007	Feed	Acro	oss 5	nait		ank	(front)	Stud
18364	5007	•••						••	
55395	8585							0л, 1192	c and
		178	74	<i>.</i>					
18415	5007	Feed	Cam	Driv	ing \	Wor	m w	ith 1441	c and
		144	2c			٠			
1442c	5021	Feed	Cam	Drivi	ing \	Vor	m P	osition S	crew.
1441c	5021	44	"	64		"		et Screw	
17797	5004	"	"	44		"	W	heel	with
		453	c						
3012	3722	Feed	Cam	Drivi	ing V	Vor	m W	heel Pir	ı
453c	5007	"	46	"		"			Screw
18384	5007	"	"	Pin			<i>.</i>		
1192c	3724	"	"						
62155	8585	"	"	Shaft	·		·		
1653c		"	"	"					
55396	8582	"	Plate	for 5					
55417	8588	"	"						
*18485	5012	"	44						
18486		"	46	"				5 with	
10100		934	л. 119	95æ. 1	221c			18390, 1	
								r 17806.	
18366	5007	_	,					k	
18367	5007	reed	44	Carr		ii.	100.	Cover	
1221c	5007	"	46	"		"	"	Screw	
55300	5042	44	"	"		"	"	Steady	
	5007	"	"	"		"		ot Block	
17805		"	46	"		"	4		Screw
1194р		"	"	"		"		B	
18390	5007	46	"	"		44	riau		
934J	5007 5013	"	"					Screw.	
1654c	5013	46	"						
17806		"	"						
1195е									
39361	8583		Regu						
18469	5029	"	-					h 690 р ,	
								• • • • • •	
*39310			Regu		Bra)	
	5008	**	41				-"	Screw.	
8589	3722	"			44			wel Pin.	
1177E		"	6	-				ew	
17744	5009	"	4-	•	•	_			
18488	3759	"	4	•					
18489	3759	46	6.	•	44	Gı	uide.		• • • • •

NO. PLATE	NAME
810p 3759	Feed Regulator Post Guide Cap Screw
1953 5021	" " Roller and Screw Stud
2000 00==	with 1655c and 14017
1655c 5021	Feed Regulator Roller and Screw Stud Nut
14017 5015	
	Washer
1190c 5009	Feed Regulator Stop Screw
39313 3759	" " Swivel
1191ъ 5009	" "Thumb Screw
55319 8582	Knife (needle thread) for 55323
55320 8582	" (shuttle thread) for 55323
55321 8582	" (stationary) for 55329
*55322	" " Bracket
42639 8584	" " Pin
50117 _J 8584	" " Screw
18370 5000	" Bar with 18373 and two 17822
18371 5015	" " Cap
217л 3731	" " Screw
18372 5016	" Connection with 17917
190 _J 3710	" " Screw
7071 5008	" " " Washer
17915 5016	" " Slide Block
17917	"""""17915
	with 17916
17916 5016	Knife Bar Connection Slide Block Stud
39297 5016	" Driving Lever with 190s, 1420E,
	17919 and 39298
1382г 5016	Knife Bar Driving Lever Hinge Screw
1681c 5016	" " " " " Nut
39298 5016	" " " Lock Stud
17919 5016	" " " " " Spring
190 _J 3710	u u u u u u
	Screw
1420E 5016	Knife Bar Driving Lever Lock Stud Stop
	Screw
18373 5015	Knife Bar Rack
17822 5015	" " Rivet
39235 5006	" Cam Lever Body
39409	" " " 39235 with 39460
39329 5029	Knife Cam Lever complete, Nos. 19793
	and 39409
18470 5028	Knife Cam Lever Bracket with 1177p
8589 3722	" " " Dowel Pin
670E 5021	" " " Screw
50029c 3759	" " Hinge Screw
18471 3759	" " " Bushing
*18472	" " " " " 18471
	and 50029c

18202-

NO. PLAT	E NAME
1177р 3710	Knife Cam Lever Hinge Screw Bushing
	Clamping Screw
1980 3759	Knife Cam Lever Roller and Screw Stud
	with 1654c
1654c 5013	Court Court Court
	Nut
39330 3759	
39460	" " " 39330 with 1255p
	and 39331
1255p 5021	Knife Cam Lever Slide Screw
39331 3759	" " " " Washer
19793 5015	
17825 5015	110 dei with 17620, 17630 and two
55393	7298
55323 —	13 mile 1101der 11020 with 11900, 17029,
17826 5015	55319 and 55320
7298 5015	" " Dowel Pin
17827 5015	
17828 5015	1.30 uu
11020 0010	17827
50018F 5021	Knife Holder Pinion Stud Bracket Screw
1698c 5021	
	Nut
1198c 5015	Knife Screw
17829 5015	
17830 5015	
17831 5002	Needle Bar with 237F
*39203 3718	" Connecting Link
377c 3718	" " " Hinge Screw
1518E 3718	« « « « « «
_	Nut
21629 3718	Needle Bar Connecting Stud with 155c
155c 3718	200 20101111
39350 5029	Imount import string bevor
	(adjustable) with 39351 and two 3351
39351 3759	Needle Bar Thread Nipper Driving Lever
	Extension
335) 3759	Needle Bar Thread Nipper Driving Lever
	Extension Screw
1196c 3721	Needle Bar Thread Nipper Driving Lever
	Hinge Screw
39352 5029	Needle Bar Thread Nipper Driving Lever
	Spring
17834 3718	Needle Bar Thread Nipper Lever with
T1004 0110	17835
	,

NO. PLATE	NAME
17835 3718	Needle Bar Thread Nipper Lever Bushing
1200p 3718	" " " " Hinge
	" " " " Hinge Screw
39276 5009	Needle Bar Thread Nipper Lever Spring
1329D 5009	
	Screw
17837 5019	Needle Bar Thread Nipper Rod
17838 3718	" " " Adjust-
	ing Stud
1651E 5021	Needle Bar Thread Nipper Rod Adjusting
	Stud Lock Nut
17839 3718	Needle Bar Thread Nipper Rod Arm with
	196г
196 _F 3718	Needle Bar Thread Nipper Rod Arm Set
	Screw
17840 5001	Needle Bar Thread Nipper Rod Support
190л 3710	u u u u u u
	Screw
237F 3724	Needle Set Screw
*6022 5001	Oscillating Rock Shaft with 4784
55278 ——	Oscillating Rock Shaft complete, Nos.
	1513 _J , 6022 and 6489
6489 5001	Oscillating Rock Shaft Hinge Pin
1513л 3724	" " " " Nut
4784 5009	" " " " Nut " " Oil Pad
18385 5002	" Shaft
18386	" " Crank
18387 5017	Oscillating Shaft Crank complete, Nos.
	237F, 1519E, 15171 and 18386
2049 5017	Oscillating Shaft Crank Pin
237 _F 5017	" " Set Screw " " Slide Block " " " Cap
15170 5017	" " Slide Block
226E 8584	" " " Cap
	Screw
12424 5017	Oscillating Shaft Crank Slide Block Cap
	Screw Washer
1035c 5017	Oscillating Shaft Crank Slide Block Screw
	Stud
1519E 5017	Oscillating Shaft Crank Slide Block Screw
	Stud Nut
15171 5017	Oscillating Shaft Crank Slide Block com-
	plete, Nos. 226E, 1035c, 12424 and 15170
2058 5002	Presser Bar
17841 3718	" " Collar with two 196F
196г 3718	" " Set Screw
17842 3718	" Guide Breeket with 453c
453c 5007	" " Set Screw

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ii

NO. PLATE	NAME
17843 5006	Presser Bar Lifting Lever
17844 5006	0
164E 3724	Dracket
	Screw
1201c 5021 17845 5019	ringe Screw
17845 5019 17846 ——	r.ou
	Chain
32675 8582	opring
-63975 8583	Pulley (loose) 2¾ in. diam
17848 5003	busning
2269 3722	I OSIGICII I III
1202R 3724	Cap Screw
17942 5003	(ugnt) 2/8 m. diam., with 2209
2022 3722	F111
17955	Pulleys complete, Nos. 1202R, 1206c,
	17848, 17854, 17942 and 63975
2996 5017	Shuttle Bobbin
62739 8584	" " Case
15140 5017	" " " Latch
2973 5017	" " " Lever
2974 5017	" " " Fulcrum
	Pin
2975 5017	Shuttle Bobbin Case Latch Spring
592E 5017	" " Stop Screw
15141	" " Hinge, Nos. 2973,
	2974 and 15140
15027 5017	Shuttle Bobbin Case Position Finger
2523 5017	" " " " Rivet
15277 5017	Shuttle Bobbin Case complete, Nos. 591F,
1011	592E, 2523, 2975, 15027, 15141, 15278
	and 62739
21562 5017	
591F 5017	Shuttle Body
15278 5017	" Tension Regulating Screw
21561 5017	" Spring
21301 3017	and 21562
*2542	Shuttle Driver
2441 5017	" 2542 with two 462c
2049 5017	" " Pin
462c 5017	" Set Screw
18411 —	" Race Body
21623 5018	" " Cap
662p 5018	" " Screw
2523 5018	" " Steady Pin
18429 5018	Steauy I III
18413 5018	rang
1289p 5018	opring
14090 9019	" " Screw

NO.	PLATE	NAME
18430	5018	Shuttle Race (flexible) complete, Nos.
		662p, 2523, 18411, 18429 21623 and two
		each 1289p and 18413
171 p	5018	Shuttle Race Screw
17853	5003	Starting Lever
1262c		" " Hinge Screw
1662c	-	" " " Nut
17886	5019	" Pitman
17854	3721	Stop Cam
17855	3721	" " Interlocking Rod
55388	8585	" " " Case
55389	0000	" " " " 55388
00000		with 18443 and two 1931
55418		Stop Cam Interlocking Rod Case 55389 with 63976 and two 1255p
*55285		Stop Cam Interlocking Rod Case 55418 with 1318p, 17855, 17863, 17864 and
-		39222
39346	5028	Stop Cam Interlocking Rod Case Bracket
55304		Stop Cam Interlocking Rod Case Bracket
		complete, Nos. 1182E, 1196c, 1204E,
		1254c, 1262c, 1508E, 1662c, 17853,
		17859, 17861, 17862, 17872, 17873,
		39346, 55285 and two 898p
18493		Stop Cam Interlocking Rod Case Bracket
		55304 with 39343, 39344 and two 1186p
16532	3722	Stop Cam Interlocking Rod Case Bracket
10001	0	Dowel Pin
1949	5021	Stop Cam Interlocking Rod Case Bracket
19491	3021	Screw
1904-	3721	Stop Cam Interlocking Rod Case Hinge
12048	0,21	Screw
17859	5003	Stop Cam Interlocking Rod Case Socket
11000	5000	Joint
8081	3721	Stop Cam Interlocking Rod Case Socket
3301	0121	Joint Cap Screw
39343	5028	Stop Cam Interlocking Rod Case Spring
00010	00_0	(flat)
506820	8584	Stop Cam Interlocking Rod Case Spring
0000-		Adjusting Screw
1520	3759	Stop Cam Interlocking Rod Case Spring
		Adjusting Screw Nut
39344	3759	Stop Cam Interlocking Rod Case Spring
		Bracket with 1520E and 50682c
1186	5021	Stop Cam Interlocking Rod Case Spring
		Bracket Screw

NO.	PLATE			. 1	NAME			
17861	3721	Stop	Cam	Interlo	cking	Rod	Case	Ston
		Stu	d					
12540	5021	Stop	Cam	Interlo	cking	Rod	Coco	Ston
		Stu	l Scre	w Bush	ing	100	Case	ьюр
1508m	5021			Interlo				
	0021	Stor	l Sara	w Bush	ine L	nou ole M	Case	Stop
17000	9701							
17862	3721	Stop	Cam.	Interlo	cking	Rod	Case	Stop
		Stud	ı Spri	ng	• • • • •	• • • • •		
18443	5015	Stop (am I	nterlock	ting R	od Ca	se We	aring
		Bloc	k					
193ј	5015	Stop C	lam I	nterlock	ing R	od Ca	se We	aring
		Bloc	k Scr	ew			<i>.</i>	
17863	3721	Stop C	am I	nterlocl	cing R	od Sn	ring.	
17864	3721	"	"	"			op	
1318 _D	3748	44	"	¿,	. 4	"		ew
3012	3722	"	" P	in			201	J#
1206c	3721	"	" S	crew				••••
2102	3722	Tensio	n Dis	c			• • • • • •	
1560c	3722	"	Reg	ulating	Thun	nb Nu	 rt.	• • • •
600c	3722	"	Ser	w Stud	l			
448c	3722	"	. "	"	Set S	erew		
2103	3722	"	Spri	ing	NOU E	CICW.		• • • •
2105	3722	"	Thr	ead Gu	ard			• • • •
*55302		Thread	Take	e-up Ca	ım	• • • • •		
18392	5003	"	4	6 G	553	102 w	th 440	 3a
3012	3722	"	6	٠ .	'Pin			ж
446c	3724	"	6	٠ ،	' Set	Screv	v	
*18393	5002	44	6	Le	ver wi	th 189	22	
55283		"	"		18	393 w	ith 79	 C
. 79c	5021	"	4		" Hi	inge S	crew	
1822	5021	**	"	4	" Re	oller a	nd Stı	ıd.
2124	3722	"	"	Sp	ring		24,000	· · · ·
2127	3722	46	"		" Re	erulat	or Pla	te
233 _J	3722	"	"	: .	"	"	"	Ad-
		justi	ng Sci	ew				11 u -
17865	3710	Thread	Wind	er Body	,			• • • •
1207 _D		"	. 111pc	" Doug	Hina	o Sano	w	• • • •
17866	3710	"	46	"	Hook	e socre		• • • •
17867	3710	"	"	"	Sunn	ant	• • • • •	• • • •
641c	5021	"	**	"	թս ի ն			
17868	3710	"	"	"	Wine	i)e	t Scre	w
337p		"	"	"				
17869	3710	"	"	44	"	ocrew.	v Wasl	
55324		Throat	Plate	with 5				
55327		"	"	55324	with	EE201	U 420	λυ
30041		1208	n		M.1011	JUJ20	and	ίWΟ
		1200		• • • • • •	••••	• • • • •	• • • • •	

NO.	PLATE	NAME
55325	8586	Throat Plate Needle Hole Bushing (large
		needle hole)
1208r	5020	Throat Plate Needle Hole Bushing Screw
55329		Throat Plate complete, Nos. 1698c,
		17828, 50018F, 50117J, 55321, 55323
		and 55327
691s	5015	Throat Plate Screw
17872	3721	Trip Lever
11960	3721	" " Hinge Screw
17873	3721	" " Spring
11821	3705	" " Serew
17874	5009	Tripping Point
1903	3710	" Screw

CLAMPS

BUTTON CLAMP (End Opening)

FOR 69-5 AND 69-6 MACHINES

NO.	PLATE			NAM	E		
17926	3706	Button	Clamp	with 1	220e	and 1	7928
17927	3706	"	"	Arm w	rith 1	17714 :	and 63788
63788	7205	"	44	" F	Iook		
17928	3706	"	"	Positio	on St	ud	
17712	3710	"	"	Pressu	re Sj	pring.	
17714	3704	"	44	44		" Gu	ide Block
1220E	3706	"	"	Screw	Stud	1	
17929	3706	"	"	Spring			uttons
17930	3706	"	"	"	"	stud	back but-
		tons.	 .				.
12081	5020	Button	Clamp	Spring	; Ser	ew	
16561	3706	"	"	Thum	b Nı	ıt	
17931		Button	Clamp	o (end	ope	ning)	complete,
		Nos.	17926,	17929	or	17930	and two
		1208	D				
17932							with Arm
•		comp	olete, N	os. 165	бυ, і	17927	and 17931

BUTTON CLAMP (Side Opening)

FOR 69-5 AND 69-6 MACHINES

NO.	PLATE			NA	ME
17933	3707	Button	Clamp	with	1220E and 17928
17927	3706	"	**	\mathbf{Arm}	with 17714 and 63788
63788	7205	"	"	"	Hook

NO.	PLATE			NAME	
17928	3706	Button	Clamp	Positio	n Stud
17712	3710	"	"	Pressur	re Spring
17714	3704	"	44	"	" Guide Block
1220E	3706	"	"	Screw !	Stud
17934	3707	"	"		for flat buttons
17935	3707	"	"	""	" stud back but-
		tons.			
. 1208p	5020	Button	Clamp	Spring	Screw
1656р	3706	"	"	Thumb	Nut
17936		Button	Clamp	(side	opening) complete,
					or 17935 and two
17937		Button	Clamp	(side	opening) with Arm
					D, 17927 and 17936
CI.	л м D	FΛD	HAA	NC /	NND EVEC

CLAMP FOR HOOKS AND EYES

FOR 69-5 AND 69-6 MACHINES

NO.	PLATE	NAME	
17906	3709	Clamp (left) with 23219	
17907	3709	" (right)	
17908	3709	" Arm with 17714 and 63788	
63788	7205	" " Hook	
1175E	3704	" Hinge Screw	
17911	3709	" Hook Stop	
1208D	5020	" " Screw	
17712	3710	" Pressure Spring	
17714	3704	" Guide Block	
1219р	3709	" Spreader Stud	
1657D	3709	" " Thumb Nut	
17718	3.705	" " " " Washer	
17909	3709	" " Spring	
1182E	3705	" " Screw	
17 910	3709	" Spring	
1208D	5020	" " Screw	
23219	3709	" " Steady Pin	
17912	——	Clamp complete, for hooks and eyes, Nos.	
A	× .	1182E, 1219D, 1657D, 17718, 17906 to	
		17911 and two each 1175E and 1208D	

CLAMP FOR TYING FRENCH KNOTS

FOR 69-5 MACHINE

NO.	PLATE	NAME
17946	3729	Clamp with 17948
17947		" Arm with 17714 and 63788

NO. PLATE			NAM	E		
63788 7205	Clamp A	rm Ho	ok			.
17948 3729	" I	linge St	tud			
17949 3729	"	44	" Pin	1		
1263p 3729	" I	Leveling	Thum	b Screv	v	
17950 3729	"	44	"	"	Stop E	Bracket
220л 3729	"	46	"	"	"	44
	Screw	. .				<i></i> .
17712 3710	Clamp I	ressure	Spring	ζ <i></i>		
17714 3704	" -	"	"	Guide	Block	k
17951 3729	" 8	tretchi:	ng Ring	ζ		
1264p 3729	"	44	"			·
17952 3729	"	"	44	Spring		
220л 3729	"	"	"	-"		usting
	Screw					
578x 3729	Clamp S	Stretchi	ng Rin	g Sprin	g Scre	w
17953	Clamp o	complet	e, for t	ying F	rench	knots,
	-	578ĸ. 1				
	to 179	952, two	1264r	and th	ree 2	20л
17954 5014	Feed Pla	ate		<i>.</i>		
39205 5023	Guide w	ith 460	o			
460c 5021		et Screv				
30-00 00-0						

ATTACHMENTS AND ACCESSORIES

` NO.	PLATE			NT 4	ME		
	PLAID	G 1: 1	-			4FD	_ ′
18419	—						3
18420	5005	"	66				ction
18423	5005	**	44	44	66	44	Hinge
		Pin.				• • • • •	
4530	5005	Cylind	er Base	e Pla	te Hin	ge Cor	nnection
		Hing	e Pin S	et Sc	rew		
18424	5022	Cylind	er Base	Pla	te (hin	ged) co	omplete,
		Nos.	18419,	two ea	ach 1842	20, 1849	23, three
		wood	l screws	1¼ i	n. No. 1	2 and fo	our 134 d
1341	5005	Cylind	er Base	Plate	Screw.		
41400	5023	Machin	ne Rest	Pin ((wood)	· · · · · ·	
120346	4079	Oiler (copper p	olated	l) with :	120347	
120347	4079	" S	pout, 9	în. le	ng		
11831	5023	Screw	Driver	(large)		
26026	5023	"	"	(macl	ine)		
26485	5023	"	"	(shut	tle tensi	on)	
10875	5023	Wrenc	h for 15	18 ar	d 1520.	. 	
27662	5023	"	" 15	08			
17905	5023	"	" 11	78, 10	854 and	1676	
22003	5023	"	. " 16	51			

1

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BUTTON SPACING GAUGE

NO.	PLATE			NAM	E
124950	8588	Button	Spacing 6	Gaug	e
124706	8589	"	"	"	Holder
124951	8589	"	44	"	Plate
181 _J	3738	66	44	"	" Screw
9525	8588	"	"	"	" " Washer
217ј	3731	"	**	"	Screw
7071	5008	"	"	"	" Washer
124952		Button	Spacing	Gau	ige complete, Nos.
		181л,	9525, 124	17 06,	124950, 124951 and
		two e	each 217 _J	707	1 and wood screws

BOBBIN WINDERS BOBBIN WINDER

(SWINGING AUTOMATIC, LEFT HAND)

FOR 2996

FOR 69-5 TO 69-15, 69-17, 69-18 AND 69-22 MACHINES

NO.	PLATE	NAME
41598	5041	Base with 27916 and two 28084
1186c	3781	" Screw
15072	5009	Bobbin Position Pin
126391	8583	Bracket
	3761	" Screw
27916	3781	Brake (leather)
28084	3781	" Pinet
27321	5041	" Rivet
50356p		Frame
1620 _J	5042	" Hinge Screw
41825	3781	Nub
41600	5041	opring
		Pulley with 155c
155c	3718	Det Briew
27849	8582	Spindle
27538	5041	" 27849 with 15072, 27850 and 41828
27850	8582	" Collar
41828	8582	" " Pin
27328	5041	Stop Latch
35D	3724	" " Hinge Screw
60769	3780	Tension Bracket
60770	3780	Tension Bracket complete, Nos. 419E,
		1562 _J , 8422, 9780, 43808, 60769 and two
		2455

NO.	PLATE	NAME
9780	3781	Tension Bracket Position Stud
1611	3724	" " Screw
2455	3781	" Disc
15623	3722	" Regulating Thumb Nut
4191	5042	" Screw Stud
43808	5042	" Spring
8422	3781	" Thread Guide
41604	5041	Bobbin Winder, Nos. 35p, 1620j, 27321,
		27328, 27538, 41598, 41600, 41825 and
		50356D
41716		Bobbin Winder (swinging automatic, left hand) complete, Nos. 161p, 41604, 60770 and two 1186c

BOBBIN WINDER

(SWINGING AUTOMATIC, LEFT HAND)

FOR 2073

FOR 69-16 AND 69-19 MACHINES

This Bobbin Winder is the same as No. 41716 with the following exceptions:

NO.	PLATE	NAME
27305	3781	Spindle, in place of 27849
27326	3781	Stop Latch, in place of 27328
41713	3780	Bobbin Winder, Nos. 35p, 1620j, 27305,
		27321, 27326, 41598, 41600, 41825 and 50356b, in place of 41604
41714		Bobbin Winder (swinging automatic, left
		hand) complete, Nos. 161p, 41713, 60770 and two 1186c

PROTECTOR

NO. PLATE	NAME
39489 7008	Arm with 39490
160c 7009	" Clamping Screw
39490	Blade
39491 7008	Bracket with two each 426c and 448c
426c 7009	" Adjusting Screw
50351n 7009	" Screw
39492 7009	Crank with 160c
39493 7009	" Bracket with 1120c and two 454c.
454c 7009	" Set Screw
52598 7009	" Hinge Stud
1120c 7009	" " Set Screw
39494 7008	Rod
15261 7009	" Collar with 237F
237г 7009	" Set Screw

NO. PLATE	NAME
39495 7009	Rod Connection
176 _D 7009	" Screw
1099г 7009	" Screw Stud
39496 7008	" Sleeve
448c 7009	" " Set Screw
39497 7009	" Spring
15261 7009	" Collar with 237F
237 _F 7009	" " Set Screw
63753	Protector (front of needle) Nos. 1099F,
	39489, 39491 to 39494, 39496, 39497,
	52598 and two 15261
39498	Protector (front of needle) complete, Nos.
	39495, 63753 and two each 176p and
	50351р

STAND 25297

NO. PLATE	NAME
126508 9090	Leg
51057R 20332	" Bolt with 1522E
1522E 20332	" " Nut
126509 20332	" " Socket Washer
46707 9090	" Brace with wood screw 1 in. No. 16
126530 9090	" Cross Member, 15½ in. long
51057r 20332	" " Bolt with 1522E
1522E 20332	" " " Nut
126509 20332	" " " Socket
	Washer
12620 20332	Leg Cross Member Bolt Washer
126758 ——	Leg with Rail complete, Nos. 126530,
	126532, two 126508, three 12620 and
	four each 51057R and 126509
126532 9090	Rail, 16 in. long
51057 R 20332	" Bolt with 1522E
1522E 20332	" " Nut
126509 20332	" " Socket Washer
46711 9090	Treadle Support
50297R 20332	" Bolt with 1522E
46712	" " 50297R with 12620
	and 46713
1522E 20332	Treadle Support Bolt Nut
46713 8589	" " Packing
12620 20332	" " Washer
25297	Stand (steel work) complete, Nos. 46711
	and two each 46707, 46712 and 126758

STARTING LEVER AND FOOT LIFTER PARTS

NO.	PLATE	NAME
17876	5022	Treadle with 443c
17877	5000	Pitman Rod (lower)
17878	5000	" " (upper)
17879	5000	" " Clamp with two 161D
161:	3724	" " " Screw
17880	5000	Treadle Pitman complete, Nos. 17877 to
		17879
17881	5005	Treadle Shaft
443	c 5042	" Set Screw
17882	5005	" Spring
17883	5022	" Stand
17884		Treadle complete, Nos. 17876, 17881 to
17885		17883 and two wood screws 1 in. No. 10 Treadle and Pitman complete, Nos. 17880 and 17884

STARTING LEVER ROCK SHAFT

FOR 1600 SERIES MOTORS

NO.	PLATE	NAME
14224		Chain, length 101/4 in., with 56864
56864	5042	" Hook
7124	7242	Rock Shaft
27683	7242	" " Arm with two 356c
3560	8588	" " Set Screw
16128	7242	" " Hanger with two wood screws
		1 in. No. 10
2770	7242	Rock Shaft Stop Dog with 356c
3566	8588	" " Set Screw
63981		Starting Lever Rock Shaft complete, Nos.
		2770, 7124, 14224 and two each 16128
		and 27683

STARTING LEVER ROCK SHAFT

FOR 1800 SERIES MOTORS

NO	PLATE		NAME
		Chain, leng	th 10¼ in., with 56865
			
5543	1	Rock Shaft	
2768	3 7242	"	Arm with two 356c
35	6c 8588		" Set Screw
2132	7 8589	"	Hanger with two wood screws
		1 in. No.	10

2770	7242 8588	Rock Shaft Spring "Stop Dog with 356c ""Set Screw Starting Lever Rock Shaft complete, Nos. 32134, 55431, 55433, wood screw 1 in. No. 12 F. H. and two each 2770, 21327 and 27683
		and 27683

TABLE BELT GUIDE

NO.	PLATE	NAME
39218	5022	Belt Guide with two 168E
168£	5021	" " Set Screw
17892	5022	Bracket with two 153E
17893	5022	Pulley
39219	5022	" Shaft (long) with 17896 and 63973
63973		" " Wick (braided cotton)
39220	5022	" (short) with 17896 and 63974
63974		" " Wick (braided cotton)
17896	5005	" " Plug
153E	5021	" Set Screw
39221		Table Belt Guide complete, Nos. 17892,
		39219, 39220, two each 17893, 39218
		and three wood screws $1\frac{1}{4}$ in. No. 12

THREAD UNWINDER

FOR TWO SPOOLS

NO.	PLATE	NAME
225395	7233	Spool Rest with 201018c
225388	7233	" " Rod
200383c	8584	" " Set Screw
201018c	8584	" Set Screw
202490	7233	" Stand with 200383c
225391	7233	Thread Guide
201696 J	8584	" " Lock Nut
225326	20332	" Position Cup
225324	7233	" Rod with 208E and 225322
208E	8584	" " Screw
225322	20332	" " Washer
225396	7233	Thread Unwinder complete, Nos. 201696J,
		202490, 225324, 225326, 225388, 225395,
		two 225391 and three wood screws 1/8
		in. No. 12
27739	7234	Thread Cone (wood) for large cones
225390	7234	" Holder, for inverted cones
N	OTE: N	os. 27739 and 225390 are used with

but not included in 225396

OBSOLETE PARTS

NO.	PLATE	NAME
18460	5027	Arch Clamp Foot (left) with 17959, for
-0-00		18462
18461	5027	Arch Clamp Foot (right) with 17959, for
		18462
18480	3739	Arch Clamp Foot Spring (heavy) for 69-14
		and 69-16 Machines
18462		Arch Clamp complete for 69-14 Machine,
		Nos. 1654c, 18367, 18433 to 18435,
		18438, 18460, 18461, 18463, 39302, two
		each 181b, 1175b, 14079 and five 217j
*18351		Arm with 4449, 17844 and two 164E, for
		69-5 Machine
*18439		Arm with 4449, 17844 and two 164E, for
		all machines except 69-8
*18457		Arm with 4449, 17844 and two 164E, for
0000	0=00	69-8 Machine
2002	3722 3724	Arm Dowel Pin
435c 23373	3724	Belt Cover
17940	5019	" Shifter
17705	5019 5019	" " " " " " " " " " " " " " " " " " "
39201 39223	5008	" " Clamp for 55284 and 55285
		" Screw for 17705 and 17940
	3724 5021	" " " " 39201
41715	5023	Bobbin Winder Bracket for 18352 and
41119	3023	55269, for 41714 and 41716
17991	5019	Clamp Arm (lower) with two 17992, for
11001	0010	18490
17993	5019	Clamp Arm (upper) for 18490
1581	3724	Crank Connecting Rod Cap Screw for 4292
*18352		Cylinder for 69-5 to 69-15, 69-17, 69-18
		and 69-22 Machines
*55269		Cylinder for 69-16 and 69-19 Machines
18378	5024	" End Cover with 7569
7569	5005	" " Hinge Pin for 18378.
18353	5006	Feed Across Connection with 18354 and
•		two 175E
*18354		Feed Across Connection Cap for 18353
1751	E 5021	" " Screw for
10055	* 000	18353
18355	5008	Feed Across Knuckle Joint
17739	5008	negulator Adjusting Stud
		Sleeve

No.	PLATE	NAME
18361	5007	Feed Across Shaft Crank (back) Ball Stud
		for 69-5 to 69-7, 69-10 and 69-13 to 69-18
		Machines
18422	5009	Feed Across Shaft Crank (back) Ball Stud
		for 69-8, 69-9 and 69-11 Machines
18456	5016	Feed Across Shaft Crank (back) Ball Stud
-0100	0020	for 69-12 Machine
1652r	5021	Feed Across Regulating Adjusting Stud
		Thumb Nut
17796	5005	Feed Cam Driving Worm with 453c, for
2000	0000	69-5, 69-6 and 69-8 to 69-11 Machines
2117	3722	
	5007	Feed Cam Driving Worm Pin
	-	1 on Mon Solew:
4030	5007	
	****	17796
17798	5024	Feed Cam Shaft
18416	5004	
18417	5004	Dracket
17799	5024	4
11771		Gerew (Dack)
	3724	(110110)
17975	5013	" Plate for 18436
18463	5025	10404
18389	5015	Knife (needle thread) for 55296
17808	5015	(shuttle thread) for 55296
12010	-	Dar Driving Lever Hinge Screw
18375	5006	Cam Lever Bracket for 1197
	3724	Titinge Screw
5944	5015	Side Steady Fill
*55296		1101der 17020 with 11900, 17000,
		17829 and 18389, for 55306
17833	5001	Needle Bar Thread Nipper Driving Lever Spring
17836	3718	Needle Bar Thread Nipper Lever Spring
11000	0110	for 337
337л	3718	Needle Bar Thread Nipper Lever Spring
		Screw
17847	5024	Pulley (loose) 2½ in. diam
17941	5003	" 2½ in. diam., for 17955
17849	5024	" (tight) 2½ in. diam., with 2269
18377	5025	Shuttle Race Ring
18412	5026	" " " for 18414
18414	5026	Shuttle Race (flexible) complete for 18378,
		Nos. 662p, 2523, 18411, 18412, 21623
		and two each 1289p and 18413

NO.	PLATE	NAME
1203c	3724	Starting Lever Hinge Screw
196r	3718	" " Treadle Extension Set
	-	Screw for 17943
17943	3741	Starting Lever Treadle with 196r and 443c, for 17945
17944	3741	Starting Lever Treadle Extension for 17945
17945	`,	Starting Lever Treadle complete for 17891, Nos. 17881 to 17883, 17943,
17001		17944 and two wood screws 1 in. No. 10
17891		Starting Lever Treadle and Pitman complete, Nos. 17880 and 17945
39202	8585	Stop Cam Interlocking Rod Case
55387	8583	" " " " for 18492
*55284		" " " 18440
		with 1318p, 17855, 17863, 17864, 39222, 39223 and two 1255p, for 18442 and 18458
18492	5028	Stop Cam Interlocking Rod Case 55387 with 18443 and two 193 _J , for 55285
18440	5003	Stop Cam Interlocking Rod Case with 18443 and two 1931, for 18442, 18458 and 55284
18441	5003	Stop Cam Interlocking Rod Case Bracket
39288	5003	for 18442 Stop Cam Interlocking Rod Case Bracket
18442		for 18458
		Nos. 1182e, 1196c, 1204e, 1254c, 1262c, 1508e, 1662c, 17853, 17859 to 17862, 17872, 17873, 18441, 55284 and two 898D
18458		Stop Cam Interlocking Rod Case Bracket complete for 69-8 Machine, Nos. 1182E, 1196c, 1204E, 1254c, 1262c, 1508E, 1662c 17853, 17859 to 17862, 17872, 17873, 39288, 55284 and two 898D
18380	5019	Stop Cam Interlocking Rod Case Extension for 1255
1255 _D	5021	Stop Cam Interlocking Rod Case Extension Screw for 18380
17860	3721	Stop Cam Interlocking Rod Case Spring for 18442 and 18458
430c	3759	Stop Cam Interlocking Rod Case Spring Adjusting Screw for 39344
17748	3722	Thread Eyelet (top of arm)
182025		

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OBSOLETE PARTS

NO.	PLATE	NAME
18382		Throat Plate with 17924 and two 1208D.
		for round bottom buttons, for 55306
55306		Throat Plate 18382 with 1698c, 17828,
		50018r and 55296, for all machines
		except 69-11
17924	5020	Throat Plate Needle Hole Bushing (small
		needle hole) for 18382

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.

NUMERICAL LIST OF PARTS

FOR

MACHINES

Nos. 69-5 to 69-19

and 69-22

NUMERICAL LIST OF PARTS

NO.	PLATE	NAME
35D	3724	Bobbin Winder Stop Latch Hinge Screw
		for 41604 and 41713
76c	8584	Thread Take-up Lever Hinge Screw for 56756.
79c	5021	Thread Take-up Lever Hinge Screw for 55283
90р	3738	Clamp Arm (lower) Hinge Screw for 18452.
90р	3738	Clamp Arm (upper) Hinge Screw for 18452.
93 F	5009	Hand Stop Lever Connection Screw for 69-8 Machine.
112D	3702	Shuttle Tension Spring Screw for 44001.
129E	3761	Bobbin Winder Bracket Screw for 41714
		and 41716
129E	3761	Clamp Arm Bracket Adjusting Screw for 39336.
134 _D	5005	Cylinder Base Plate Screw for 18424
153e	5021	Table Belt Guide Pulley Shaft Set Screw for 17892
155c	3718	Bobbin Winder Pulley Set Screw for 41600.
155c	3718	Needle Bar Connecting Stud Set Screw for 21629.
158E	3724	Crank Connecting Rod Cap Screw for 4292, obsolete.
160E	5008	Feed Across Shaft Crank (back) Clamping Screw for 18360 and 18421
160E	5008	Feed Across Shaft Crank (front) Clamping Screw for 18362
160ъ	5008	Feed Regulator Bracket Cap Screw for 18369 and 18469.
160c	7009	Protector Arm Clamping Screw for 39492
161 _D	3724	Bobbin Winder Tension Bracket Screw
		for 41714 and 41716
161 _D	3724	Treadle Pitman Rod Clamp Screw for 17879
164л	3724	Face Plate Screw
164E	3724	Presser Bar Lifting Lever Bracket Screw for 18351, 18439, 18457, 55405 and
		55406
168E	5021	Table Belt Guide Set Screw for 39218
171 D	5018	Shuttle Race Screw for all machines except 69-16 and 69-19.

NO.	PLATE	NAME
175E	5021	Feed Across Connection Cap Screw for 18353, obsolete
176р	7009	Protector Rod Connection Screw for 39498
181D	3738.	Arch Clamp Frame Screw for 18436, 18453, 18462, 55386, 55394 and 55414
181л.	3738.	Button Spacing Gauge Plate Screw for 124952
181 в	3738	Clamp Arm (lower) Bracket Screw for 18452
184E	5021	Belt Cover Bracket Screw Stud for 39290
190 _J		Arch Clamp Foot Lifter Screw for 69-8,
		69-9, 69-11, 69-14, 69-16 and 69-22
	t. s. T.	Machines
· 190j	g. 1 - 5 - 1	Arch Clamp Foot Plate Screw for 55386, 55394 and 55414
190л	3710	Arm Side Cover Screw
- 190л	3710	Button Clamp Lifter Screw for 69-5,
		69-6, 69-15, 69-17 and 69-18 Machines
190л	3710	Clamp Arm Lifter Screw for 69-7, 69-12, 69-13 and 69-19 Machines
190л	3710	Clamp Arm (upper) Lifter Screw for 69-10 Machine
190л	3710	Knife Bar Connection Screw
190л	3710	" " Driving Lever Lock Stud
		Spring Screw for 39297
190л	3710	Needle Bar Thread Nipper Rod Support Screw
190л	3710	Tripping Point Screw for 17766, 18395 to 18399, 18401 to 18406, 55308, 55309
* * -		and 55395
193л	5015	Stop Cam Interlocking Rod Case Wearing Block Screw for 18440, 18492 and 55389
196 r	3718	Needle Bar Thread Nipper Rod Arm Set Screw for 17839
196r	3718	Presser Bar Collar Set Screw for 17841
196г	3718	Starting Lever Treadle Extension Set
10.01	0110	Screw for 17943, obsolete
198D	5021	Shuttle Race Screw for 69-16 and 69-19 Machines
200г	5008	Feed Across Shaft Collar Set Screw for 18359
200с	5008	Feed Across Shaft Crank (back) Ball Stud Set Screw for 18360 and 18421
208E	8584	Thread Unwinder Thread Guide Rod

NO.	PLATE	NAME
217л	3731	Arch Clamp Foot Plate Screw for 18436,
	0.02	18449, 18453 and 18462
217ј	3731	Arch Clamp Foot Spring Screw for 18436,
-2.0	0.02	18449 and 18462
217ј	3731	Arch Clamp Foot Spring Screw (lower)
2113	9191	for 18453
~	0201	
217ј	3731	Belt Cover Screw
217ј	3731	Button Spacing Gauge Screw for 124952
217E	3731	Cylinder End Cover Spring Screw
217л	3731	Knife Bar Cap Screw
219ĸ	5030	Arch Clamp Foot Screw for 55384, 55385,
		55391, 55393, 55411 and 55413
220 j	3729	Clamp Leveling Thumb Screw Stop
		Bracket Screw for 17953
220J	3729	Clamp Stretching Ring Spring Adjusting
		Screw for 17953
226E	8584	Oscillating Shaft Crank Slide Block Cap
		Screw for 15171
229 _J	5017	Button Clamp Spring Screw for 63928
		and 63929
233ј	3722	Face Plate Thread Guard Screw for
		17725
233 _J	3722	Thread Take-up Spring Regulator Plate
		Adjusting Screw for 17725
236л	3705	Button Clamp Spring Screw for 17898
		and 17904
237F	3724	Needle Set Screw for 17831
$237_{\rm F}$	5017	Oscillating Shaft Crank Set Screw for
		18387
$237_{\mathbf{F}}$	7009	Protector Rod Collar Set Screw for 15261
237F	7009	" " Spring Collar Set Screw
		for 15261
335ј	3759	Needle Bar Thread Nipper Driving Lever
		Extension Screw for 39350
337ј	3718	Needle Bar Thread Nipper Lever Spring
		Screw, obsolete
337л	3718	Thread Wiper Body Wire Screw
356c	8588	Starting Lever Rock Shaft Arm Set
0000	0000	Screw for 27683
950-	0,500	Starting Lever Rock Shaft Stop Dog Set
356c	8588	Screw for 2770
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375c	3724	Crank Connecting Rod Hinge Screw
377c	3718	Needle Bar Connecting Link Hinge Screw
398E	3702	Shuttle Main Spring Screw for 39295
419E	5042	Bobbin Winder Tension Screw Stud for
		60770

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NO.	PLATE	NAME
426c	7009	Protector Bracket Adjusting Screw for 39491
430c	3759	Stop Cam Interlocking Rod Case Spring Adjusting Screw for 39344, obsolete
435c	3724	Arm Shaft Bushing (back) Adjusting Screw, obsolete
443c	5042	Treadle Shaft Set Screw for 17876 and
446c	3724	17943
448c	7009	Protector Rod Sleeve Set Screw for 39491
448c	3722	Tension Screw Stud Set Screw for 17725
	5005	
453c		Cylinder Base Plate Hinge Connection Hinge Pin Set Screw for 18419
453c	5007	Feed Cam Driving Worm Set Screw for 17796, obsolete
453c	5007	Feed Cam Driving Worm Wheel Set Screw for 17797, 17997 and 39212
453c	5007	Presser Bar Guide Bracket Set Screw for
		17842
454c	7009	Protector Crank Bracket Set Screw for 39493.
457c	3702	Shuttle Driver Set Screw for 39487
460c	5021	Guide Set Screw for 39205
462c	5017	Shuttle Driver Set Screw for 2441
466н	3702	" Tension Regulating Screw for
	***-	44001
578ĸ	3729	Clamp Stretching Ring Spring Screw for 17953.
591г	5017	Shuttle Tension Regulating Screw for 15277.
$592_{\rm E}$	5017	Shuttle Bobbin Case Latch Stop Screw for 15277
600c	3722	Tension Screw Stud for 17725
641c	5021	Thread Wiper Body Support Set Screw
662p	5018	Shuttle Race Cap Screw for 18414 and
		18430
670E	5021	Knife Cam Lever Bracket Screw
690р	3748	Feed Across Regulator Hinge Stud Clamping Screw for 18369 and 18469
691F	5015	Throat Plate Screw
810p	3759	Feed Regulator Post Guide Cap Screw
_		for 18486
880E	3724	Arm Screw
898d	3721	Stop Cam Interlocking Rod Case Socket
		Joint Cap Screw for 18442, 18458,

	NO.	PLATE	NAME
	934ј	5007	Feed Plate Carrier Bar Plate Screw for 18365, 18438, 18448, 18451 and 18486
	957ĸ	3738	Clamp Spreader Lever Cap Screw for 18452
1	.019c	5009	Hand Stop Lever Rod Collar Set Screw for 21678
j	.035c	5017	Oscillating Shaft Crank Slide Block Screw Stud for 15171
1	.057е	8584	Feed Across Connection Cap (lower) Screw for 55376
1	.057е	8584	Feed Across Connection Cap (upper) Screw for 55376
1	.099ғ	7009	Protector Rod Screw Stud for 63753
1	.120c	7009	" Crank Hinge Stud Set Screw for 39493
1	174 _D	3724	Belt Shifter Screw for 17705 and 17940, obsolete
1	.175р	3704	Arch Clamp Foot Spring Connection Hinge Screw for 18436, 18449 and 18462
1	175л	3704	Arch Clamp Foot Spring Screw (upper) for 18453
. 1	175ј	3704	Button Clamp Hinge Screw for 17898, 17904, 63928 and 63929
1	175E	3704	Clamp Hinge Screw for 17912
1	1176ј	3704	Button Clamp Arm Hinge Plate Screw for 69-5, 69-6, 69-15, 69-17 and 69-18 Machines
1	177D	3710	Arch Clamp Frame Screw for 18449
1	1177 в	3710	Button Clamp Pressure Spring Bracket Screw for 69-5, 69-6, 69-15, 69-17 and 69-18 Machines
]	1177 в	3710	Clamp Pressure Spring Bracket Screw for 18452
1	1177 р	3710	Feed Cam Shaft Bracket Screw (back) obsolete
-	1177E	3710	Feed Regulator Bracket Screw
	1177 р	3710	Knife Cam Lever Hinge Screw Bushing Clamping Screw for 18470
	1178 J	3710	Button Clamp Pressure Spring Screw for 69-5, 69-6, 69-15, 69-17 and 69-18 Machines
	1178ъ	3761	Clamp Arm Screw for 39336
	1178ъ	3710	" Pressure Spring Screw for 18452
	l180j	3705	Button Clamp Spreader Lever Locking Thumb Screw for 17898, 17904, 63928 and 63929

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NO.	PLATE	NAME
1181 _J	3705	Button Clamp Spreader Spring Screw
1100-	9705	for 17898, 17904, 63928 and 63929
1182л	3705	Button Clamp Spreader Screw for 17898, 17904, 63928 and 63929
$1182_{\rm E}$	3705	Clamp Spreader Spring Screw for 17912.
1182E	3705	Trip Lever Spring Screw for 18442, 18458, 55304 and 55305
11 83 _J	3705	Button Clamp Stop Serew for 17898, 17904, 63928 and 63929
1186c	3781	Bobbin Winder Base Screw for 41714 and 41716.
1186 _D	5021	Stop Cam Interlocking Rod Case Spring Bracket Screw for 18493 and 18494
1190c	5009	Feed Regulator Stop Screw
1191 р	5009	" " Thumb Screw
1192c	3724	" Cam Set Screw for 17766, 18395 to 18399, 18401 to 18406, 55308, 55309 and 55395
1193в	3724	Feed Cam Shaft Bracket Screw (front) obsolete
1194ъ	5007	Feed Plate Carrier Bar Pivot Block Screw
1195E	5013	Feed Plate Screw Stud for 18365, 18438, 18448 and 18486
1196c	3721	Needle Bar Thread Nipper Driving Lever Hinge Screw
1196c	3721	Trip Lever Hinge Screw for 18442, 18458, 55304 and 55305
1197р	3724	Knife Cam Lever Hinge Screw, obsolete.
1198c	5015	" Screw for 55296, 55323 and 55398
1200р	3718	Needle Bar Thread Nipper Lever Hinge Screw
1201c	5021	Knife Bar Driving Lever Hinge Screw, obsolete
1201c	5021	Presser Bar Lifting Lever Hinge Screw
1202R	3724	Pulley (loose) Cap Screw for 17955
1203c	3724	Starting Lever Hinge Screw, obsolete
1204E	3721	Stop Cam Interlocking Rod Case Hinge Screw for 18442, 18458, 55304 and 55305
1206c	3721	Stop Cam Screw for 17955
1207 D	3710	Thread Wiper Body Hinge Screw
1208р	5020	Button Clamp Spring Screw for 17931 and 17936
1208D	5020	Clamp Hook Stop Screw for 17912
1208D	5020	" Spring Screw for 17912

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NO. 1208D	PLATE 5020	Throat Plate Needle Hole Bushing Screw
12000	3020	for 18382, 55327, 55328, 55332, 55335
		and 55403
1219p	3709	Clamp Spreader Stud for 17912
1220E	3706	Button Clamp Screw Stud for 17926 and
12206	0100	17933
1221c	5007	Feed Plate Carrier Bar Block Screw for
		18365, 18438, 18448, 18451 and 18486
$1229_{\rm F}$	5021	Arch Clamp Foot Spring Adjusting Screw
		for 55386, 55394 and 55414
1254c	5021	Stop Cam Interlocking Rod Case Stop
		Stud Screw Bushing for 18442, 18458,
		55304 and 55305
1255p	5021	Belt Shifter Screw for 39201, obsolete
1255 _D	5021	" " Clamp Screw for 55284 and
		55418
1255 _D	5021	Knife Cam Lever Slide Screw for 39460
1255 D	5021	Stop Cam Interlocking Rod Case Ex-
		tension Screw for 18380, obsolete
1262c	5021	Starting Lever Hinge Screw for 18442,
		18458, 55304 and 55305
1263 _D	3729	Clamp Leveling Thumb Screw for 17953
$1264 \mathrm{D}$	3729	" Stretching Ring Hinge Screw for
		17953
1289 d	5018	Shuttle Race Ring Spring Screw for
		18414, 18430 and 55401
1299c	5007	Feed Cam Driving Worm Position Screw,
1000	0501	obsolete
1300р	3761	Clamp Arm Bracket Hinge Block Screw for 39336
1300р	3748	Cylinder Block Screw
1318ъ	3748	Stop Cam Interlocking Rod Stop Screw
10100	9140	for 55284 and 55285
1329л	5009	Needle Bar Thread Nipper Lever Spring
		Screw
1343E	5021	Stop Cam Interlocking Rod Case Bracket
		Screw
$1382_{\rm F}$	5016	Knife Bar Driving Lever Hinge Screw
1420e	5016	" " " Lock Stud Stop
		Screw for 39297
1441c	5021	Feed Cam Driving Worm Set Screw for
		18415, 39211 and 39231
1442c	5021	Feed Cam Driving Worm Position Screw
1500	F00*	for 18415, 39211 and 39231
1508E	5021	Stop Cam Interlocking Rod Case Stop
		Stud Screw Bushing Lock Nut for
		18442, 18458, 55304 and 55305

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NO.	PLATE	NAME
1513ј	3724	Oscillating Rock Shaft Hinge Pin Nut for 55278 and 56812
1518E	3718	Crank Connecting Rod Hinge Screw Nut
1518E	3718	Needle Bar Connecting Link Hinge Screw Nut
1519E	5017	Oscillating Shaft Crank Slide Block Screw Stud Nut for 18387
1520E	3724	Arm Shaft Bushing (back) Adjusting Screw Nut
1520e	3759	Stop Cam Interlocking Rod Case Spring Adjusting Screw Nut for 39344
	20332	Leg Bolt Nut for 51057
	20332	" Cross Member Bolt Nut for 51057
	20332	Rail Bolt Nut for 51057
	20332	Treadle Support Bolt Nut for 50297
1547 _J	5021	Arch Clamp Foot Spring Adjusting Screw Lock Nut for 55386, 55394 and 55414
1560c	3722	Tension Regulating Thumb Nut for 17725
1562л	3722	Bobbin Winder Tension Regulating Thumb Nut for 60770
1565 D	5009	Hand Stop Lever Head for 69-8 Machine
1620л	5042	Bobbin Winder Frame Hinge Screw Nut for 41604 and 41713
1651E	5021	Needle Bar Thread Nipper Rod Adjusting Stud Lock Nut
1652р	5021	Feed Across Regulator Adjusting Stud Thumb Nut, obsolete
1653c	3724	Feed Cam Shaft Nut
1654c	3761	Clamp Arm Bracket Hinge Screw Nut for 39336.
1654c	5013	Feed Plate Nut for 18436, 18449, 18453, 18462, 18490, 18491, 55386, 55394, 55414 and for 69-5, 69-6, 69-10, 69-12, 69-15 and 69-17 to 69-19 Machines
1654c	5013	Knife Cam Lever Roller and Screw Stud Nut for 1980
1655c	5021	Feed Regulator Roller and Screw Stud Nut for 1953
1656D	3706	Button Clamp Thumb Nut for 17932 and 17937.
1657 D	3709	Clamp Spreader Stud Thumb Nut for 17912
1662c	5021	Starting Lever Hinge Screw Nut for 18442, 18458, 55304 and 55305
1676c	5008	Feed Across Regulator Ball Screw Stud

NO.	PLATE	NAME
1681c	5016	Knife Bar Driving Lever Hinge Screw
		Nut
1698c	5021	Knife Holder Pinion Stud Bracket Screw
		Nut for 55306, 55329, 55330, 55333,
		55336 and 55404
1819	8584	Thread Take-up Lever Roller and Stud
		for 3072
1822	5021	Thread Take-up Lever Roller and Stud
		for 18393
1952	5008	Feed Across Regulator Roller and Stud
		for 18356
1953	5021	Feed Regulator Roller and Screw Stud
		with 1655c and 14017, for 17742, 18487,
		39312 and 39361
1980	3759	Knife Cam Lever Roller and Screw Stud
		with 1654c, for 39330
2002	3722	Arm Dowel Pin, obsolete
2022	3722	Pulley (tight) Pin
2049	5017	Oscillating Shaft Crank Pin
2049	5017	Shuttle Driver Pin
2058	5002	Presser Bar
2073	3702	Shuttle Bobbin for 39296
*2075		" Cover for 44001
2076	3702	" " Hinge Pin for 39296
2078	3702	" Delivery Eye Thread Guard for
		44001
2080	3702	Shuttle Delivery Eye Thread Guard
		Rivet for 44001
2082	3702	Shuttle Main Spring for 39295
2084	3702	" " Steady Pin for 39295
2086	3702	" Tension Spring for 44001
2090	3702	" " Plate for 44001
2102	3722	Tension Disc for 17725
2103	3722	" Spring for 17725
2105	3722	" Thread Guard for 63736
2107	3722	Face Plate Thread Guard for 17725
2117	3722	Feed Cam Driving Worm Pin, obsolete
2124	3722	Thread Take-up Spring for 17725
2127	3722	" " Regulator Plate
		for 17725
2211	3702	Shuttle Bobbin Retaining Spring for
		39295
2212	3702	Shuttle Bobbin Retaining Spring Rivet
	J. 02	for 39295
2269	3722	Pulley (loose) Bushing Position Pin for
2200	0122	17849 and 17942

NO.	PLATE	NAME
2441	5017	Shuttle Driver 2542 with two 462c, for all Machines except 69-16 and 69-19
2455	3781	Bobbin Winder Tension Disc for 60770
2523	5017	Shuttle Bobbin Case Position Finger
2020	5017	Rivet for 15277
2523	5018	Shuttle Race Cap Steady Pin for 18414 and 18430
*2542		Shuttle Driver for 2441
2770	7242	Starting Lever Rock Shaft Stop Dog with 356c, for 55432 and 63981
2973	5017	Shuttle Bobbin Case Latch Lever for 15141
2974	5017	Shuttle Bobbin Case Latch Lever Fulcrum Pin for 15141
2975	5017	Shuttle Bobbin Case Latch Spring for 15277.
2996	5017	Shuttle Bobbin for 21561
3012	3722	Feed Cam Driving Worm Wheel Pin
3012	3722	Stop Cam Pin
3012	3722	Thread Take-up Cam Pin
3052	8585	Oscillating Rock Shaft Hinge Pin for
5002	0000	56812
3072	5028	Thread Take-up Lever with 1819, for 56756
4292	5002	Crank Connecting Rod
4389	5042	Arm Dowel Pin
4448	3722	" Oil Tube, for intermediate bearing.
*4449		" Shaft Bushing (front) for 18351, 18439, 18457, 55405 and 55406
4604	5008	Cylinder End Cover Bracket Rivet for 18427
4784	5009	Oscillating Rock Shaft Oil Pad for 6022
5944	5015	Knife Cam Lever Slide Steady Pin, obsolete
*6022	5001	Oscillating Rock Shaft with 4784, for 16806 and 55278
6023	5028	Oscillating Shaft for 69-16 and 69-19 Machines
6489	5001	Oscillating Rock Shaft Hinge Pin for 55278
7071	5008	Button Spacing Gauge Screw Washer for 124952
7071	5008	Knife Bar Connection Screw Washer
7124	7242	Starting Lever Rock Shaft for 63981
7298	5015	Knife Holder Pinion Dowel Pin for 17825
7401	3738	Clamp Arm (lower) Bracket Steady Pin
		for 18452

NUMERICAL LIST OF PARTS

NO.	PLATE	NAME
7569	5005	Cylinder End Cover Hinge Pin for 18378, obsolete
8422	3781	Bobbin Winder Tension Thread Guide for 60770
8589	3722	Feed Regulator Bracket Dowel Pin
8589	3722	Knife Cam Lever Bracket Dowel Pin
9311	3747	Button Clamp Spring Steady Pin for 18464, 18465, 39238 and 39239
9330	3740	Clamp Arm Pin for 18490
9525	8588	Button Spacing Gauge Plate Screw Washer for 124952
9780	3781	Bobbin Winder Tension Bracket Position Stud for 60770
10875	5023	Wrench for 1518 and 1520 (Attachments and Accessories)
11831	5023	Screw Driver, large (Attachments and Accessories)
12424	5017	Oscillating Shaft Crank Slide Block Cap Screw Washer for 15171
12620	20332	Leg Cross Member Bolt Washer for 126758
12620	20332	Rail Bolt Washer for 126758
12620	20332	Treadle Support Bolt Washer for 46712
14008	3737	Clamp Arm (upper) Bracket Hinge Pin for 18452
14017	5015	Feed Regulator Roller and Screw Stud Nut Washer for 1953
14079	3731	Arch Clamp Frame Dowel Pin for 18436, 18449, 18453, 18462, 55386, 55394 and 55414
14224		Starting Lever Rock Shaft Chain, length 101/4 in., with 56864, for 63981
15027	5017	Shuttle Bobbin Case Position Finger for 15277.
15072	5009	Bobbin Winder Bobbin Position Pin for 27538
15140	5017	Shuttle Bobbin Case Latch for 15141
15141		" " Hinge for 15277,
		Nos. 2973, 2974 and 15140
15170	5017	Oscillating Shaft Crank Slide Block for 15171
15171	5017	Oscillating Shaft Crank Slide Block complete for 18387, Nos. 226E, 1035c, 12424 and 15170
15261	7009	Protector Rod Collar with 237F, for 63753
15261	7009	" " Spring Collar with 237r, for 63753

NO.	PLATE	NAME
15277	5017	Shuttle Bobbin Case complete for 21561,
		Nos. 591r, 592r, 2523, 2975, 15027,
		15141, 15278 and 62739
15278	5017	Shuttle Tension Spring for 15277
16128	7242	Starting Lever Rock Shaft Hanger with
		two wood screws 1 in. No. 10, for 63981
16532	3722	Stop Cam Interlocking Rod Case Bracket
		Dowel Pin
16806		Oscillating Rock Shaft 6022 with 56812,
		for 69-19 Machine
17702	5000	Arm Shaft
17703	5001	"• " Bushing (back)
17705	5019	Belt Shifter for 17847 and 17849, obsolete
17706	3704	Button Clamp (left) with 17723, for
		17898
17707	3704	Button Clamp (right) with 17723, for
		17898
17708	3710	Button Clamp Lifter with 17866, for
		69-5, 69-6, 69-15, 69-17 and 69-18
		Machines
17710	3704	Button Clamp Arm Hinge Plate for 69-5,
		69-6, 69-15, 69-17 and 69-18 Machines
17711	3704	Button Clamp Arm Hook for 17901
17712	3710	" Pressure Spring for 17898,
		17904, 17932 and 17937
17712	3710	Clamp Pressure Spring for 17912 and
		17953
17713	3710	Button Clamp Pressure Spring Bracket
		for 69-5, 69-6, 69-15, 69-17 and 69-18
		Machines
17713	3710	Clamp Pressure Spring Bracket for 18452
17714	3704	Button Clamp Pressure Spring Guide
		Block for 17901, 17927 and 63927
17714	3704	Clamp Pressure Spring Guide Block for
		17908 and 17947
17716	3705	Button Clamp Spreader for 17898 and
		17904
17717	3705	Button Clamp Spreader Lever for 17898,
	~=~	17904, 63928 and 63929
17718	3705	Button Clamp Spreader Lever Locking
		Thumb Screw Washer for 17898, 17904,
		63928 and 63929
17718	3705	Clamp Spreader Stud Thumb Nut
		Washer for 17912
17719	3705	Button Clamp Spreader Spring for 17898,
		17904, 63928 and 63929

NO.	PLATE	NAME
17720	3705	Button Clamp Spreader Steady Pin for
		17722, 17903, 18466 and 39248
17721	3705	Button Clamp Spring, for flat buttons, for 17898
17722	3705	Button Clamp Stop with two 17720, for 17898
17723	3704	Button Clamp Stud for 17706, 17707, 17899, 17900, 18464, 18465, 39238 and 39239
17724	5001	Face Plate for 63736
17725		Face Plate complete, Nos. 448c, 600c, 1560c, 2103, 2107, 2124, 2127, 63736
		1560c, 2103, 2107, 2124, 2127, 63736 and two each 2331 and 2102
17732		Feed Regulator Bracket Cap for 18369
17738	5008	" Across Regulator Ball Screw Stud Nut Washer
17739	5008	Feed Across Regulator Adjusting Stud Sleeve, obsolete
17741	5008	Belt Cover Bracket Stud for 39290
17742	5006	Feed Regulator with 1953, for 69-5 to
		69-13 and 69-17 to 69-19 Machines
17743	5009	Feed Regulator Post for 18365, 18438,
		18448 and 18451
17744	5009	Feed Regulator Hinge Stud
17745	5009	parter for an macinges
17748	3722	except 69-15 and 69-22 Thread Eyelet (top of arm) obsolete
17766	3122	Feed Cam with two each 1192c, 17874
		and four 190s, for 69-19 Machine
17796	5005	Feed Cam Driving Worm with 453c, for 69-5, 69-6 and 69-8 to 69-11 Machines, obsolete
17797	5004	Feed Cam Driving Worm Wheel with 453c, for 69-5, 69-6, 69-8 to 69-11, 69-13, 69-14, 69-16 and 69-22 Machines
17798	5024	Feed Cam Shaft, obsolete
17799		" " Bracket, obsolete
17800	5013	" Plate (thin) for flat buttons, for 69-5, 69-6, 69-17 and 69-18 Machines
17805	5007	Feed Plate Carrier Bar Pivot Block
17806	5013	" " Position Stud for 18365, 18438, 18448 and 18486
17806	5013	Face Plate Rivet for 18452
17808		Knife (shuttle thread) for 55296, obsolete
17822	5015	" Bar Rack Rivet for 18370 and 18426

No.	PLATE	NAME
17825	5015	Holder with 17826, 17830 and two 7298,
11020	5010	for 55296, 55323 and 55398
17826	5015	Knife Holder Pinion for 17825
17827	5015	" " Stud for 17828
17828	5015	" " " Bracket with
		17827, for 55306, 55329, 55330, 55333, 55336 and 55404
17829	5015	Knife Thread Holder for 55296, 55323 and 55398
17830	5015	Knife Thread Holder Position Pin for 17825.
17831	5002	Needle Bar with 237F
17833	5001	" "Thread Nipper Driving Lever
		Spring, obsolete
17834	3718	Needle Bar Thread Nipper Lever with 17835
17835	3718	Needle Bar Thread Nipper Lever Bush-
1.000	0.10	ing for 17834
17836	3718	Needle Bar Thread Nipper Lever Spring
11000	3120	for 337, obsolete
17837	5019	Needle Bar Thread Nipper Rod
17838	3718	" " " " Adjust-
1.000	0.10	ing Stud
17839	3718	Needle Bar Thread Nipper Rod Arm with 196r.
17840	5001	Needle Bar Thread Nipper Rod Support
17841	3718	Presser Bar Collar with two 196r
17842	3718	" Guide Bracket with 453c
17843	5006	" Lifting Lever
17844	5006	" " Bracket for
1,011	0000	18351, 18439, 18457, 55405 and 55406.
17845	5019	Presser Bar Lifting Lever Rod
17846		" " " Chain
17847	5024	Pulley (loose) 2½ in. diam., obsolete
17848	5003	" " Bushing for 17955
17849	5024	" (tight) 2½ in. diam., with 2269, obsolete
17853	5003	Starting Lever for 18442, 18458, 55304 and 55305
17854	3721	Stop Cam for 17955
17855	3721	" " Interlocking Rod for 55284
21000	0,21	and 55285
17859	5003	Stop Cam Interlocking Rod Case Socket
11998	9003	Joint for 18442, 18458, 55304 and 55305
17860	3721	Stop Cam Interlocking Rod Case Spring
		for 18442 and 18458, obsolete

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NO.	PLATE	NAME
17861	3721	Stop Cam Interlocking Rod Case Stop
		Stud for 18442, 18458, 55304 and 55305
17862	3721	Stop Cam Interlocking Rod Case Stop
		Stud Spring for 18442, 18458, 55304
		and 55305
17863	3721	Stop Cam Interlocking Rod Spring for
		55284 and 55285
17864	3721	Stop Cam Interlocking Rod Stop for
		55284 and 55285
17865	3710	Thread Wiper Body
17866	3710	" " Hook for 17708,
		17958 and 39206
17867	3710	Thread Wiper Body Support
17868	3710	" " Wire
17869	3710	" " Screw Washer.
17872	3721	Trip Lever for 18442, 18458, 55304 and
		55305
17873	3721	Trip Lever Spring for 18442, 18458, 55304
		and 55305
17874	5009	Tripping Point for 17766, 18395 to 18399,
		18401 to 18406, 55308, 55309 and 55395
17876	5022	Treadle with 443c, for 17884
	NT.	,
		os. 17877 to 17879 for 17880
17877	5000	Treadle Pitman Rod (lower)
17878	5000	(upper)
17879	5000	Clamp with two
15000	* 000	161p
17880	5000	Treadle Pitman complete for 17885 and
		17891, Nos. 17877 to 17879
N	los. 178	81 to 17883 for 17884 and 17945
17881	5005	Treadle Shaft
17882	5005	" Spring
17883	5022	" Stand
17884		Treadle complete for 17885, Nos. 17876,
		17881 to 17883 and two wood screws
		1 in. No. 10
17885		Treadle and Pitman complete, Nos.
		17880 and 17884
17886	5019	Starting Lever Pitman
17891		Starting Lever Treadle and Pitman com-
		plete, Nos. 17880 and 17945, obsolete.
17892	5022	Table Belt Guide Bracket with two 153E,
		for 39221
17893	5022	Table Belt Guide Pulley for 39221
17896	5005	" " " Shaft Plug for
		39219 and 39220
18202—6		

18202 - 6

NO.	PLATE	NAME
17898	3703	Button Clamp (universal) complete, for
•		14 to 36 line buttons, for 69-5, 69-6,
		69-17 and 69-18 Machines, Nos. 2361,
		1180 _J , 1181 _J , 1182 _J , 1183 _J , 17706,
		17707, 17716 to 17719, 17721 or 17938,
		17722, 17901, 50237k and two 1175j
17899	3708	Button Clamp (left) with 17723, for 17904
17900	3708	" (right) with 17723, for 17904
17901	3704	Button Clamp Arm with 17711, 17714,
		and 23227, for 17898 and 17904
17902	3708	Button Clamp Spring, for flat buttons, for 17904
17903	3708	Button Clamp Stop with two 17720, for 17904
17904		Button Clamp (universal) complete, for
11001		26 to 46 line buttons, for 69-5, 69-6,
		69-17, 69-18 Machines, Nos. 2361,
		1180 _J , 1181 _J , 1182 _J , 1183 _J , 17716 to
		17719, 17899 to 17901. 17902 or 17939,
		17903, 50237k and two 11751
17905	5023	Wrench for 1178, 1654 and 1676 (Attach-
		ments and Accessories)
•	Nos.	17906 to 17911 for 17912
17906	3709	Clamp (left) with 23219
17907	3709	" (right)
17908	3709	" Arm with 17714 and 63788
17909	3709	" Spreader Spring
17910	3709	" Spring
17911	3709	" Hook Stop
17912		Clamp complete, for hooks and eyes, for
		69-5 and 69-6 Machines, Nos. 1182E,
		1219p, 1657p, 17718, 17906 to 17911 and two each 1175E and 1208p
17915	5016	Knife Bar Connection Slide Block for
11910	3010	17917
17916	5016	Knife Bar Connection Slide Block Stud
_,,,,,	,	for 17917
17917		Knife Bar Connection Slide Block 17915
		with 17916, for 18372
17919	5016	Knife Bar Driving Lever Lock Stud
		Spring for 39297
17923	5013	Feed Plate (thick) for round bottom
		buttons, for 69-5, 69-6, 69-17 and
		69-18 Machines

NO.	PLATE	NAME
17924	5020	Throat Plate Needle Hole Bushing
		(small needle hole) for 18382, obsolete
17926	3708	Button Clamp with 1220z and 17928,
	~	for 17931
17927	3706	Button Clamp Arm with 17714 and
15000	0700	63788, for 17932 and 17937
17928	3706	Button Clamp Position Stud for 17926
17929	3706	and 17933Button Clamp Spring, for flat buttons,
17929	9100	for 17931
17930	3706	Button Clamp Spring, for stud back
******	0.00	buttons, for 17931
17931		Button Clamp (end opening) complete
		for 17932, Nos. 17926, 17929 or 17930
		and two 1208p
17932	——	Button Clamp (end opening) with arm
		complete for 69-5 and 69-6 Machines,
		Nos. 1656p, 17927 and 17931
	Nos	. 17933 то 17935 гов 17936
17933	3707	Button Clamp with 1220s and 17928
17934	3707	" Spring, for flat buttons
17935	3707	" " stud back but-
		tons
17936		Button Clamp (side opening) complete
		for 17937, Nos. 17933, 17934 or 17935 and two 1208b
45005		
17937		Button Clamp (side opening) with Arm complete for 69-5 and 69-6 Machines,
		Nos. 1656p, 17927 and 17936
15090	3705	Button Clamp Spring, for stud back
17938	3705	buttons, for 17898
17939	3708	Button Clamp Spring, for stud back
11000	0.00	buttons, for 17904
17940	5019	Belt Shifter, obsolete
17941	5003	Pulley (loose) 2\% in. diam., for 17955,
		obsolete
17942	5003	Pulley (tight) 21/8 in. diam., with 2269,
		for 17955
17943	3741	Starting Lever Treadle with 196F and
17044	9741	443c, for 17945, obsolete
17944	3741	Starting Lever Treadle Extension for 17945, obsolete
17945		Starting Lever Treadle complete, for
11030		17891, Nos. 17881 to 17883, 17943,
		17944 and two wood screws 1 in.
		No. 10, obsolete

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	NUI	MERICAL LIST OF PARTS
NO.	PLATE	NAME
17946	3729	Clamp with 17948, for 17953
17947	3729	" Arm with 17714 and 63788, for
		17953
17948	3729	Clamp Hinge Stud for 17946
	0,20	camp and out to the total
	Nos.	17949 to 17952 for 17953
17949	3729	Clamp Hinge Stud Pin
17950	3729	Clamp Leveling Thumb Screw Stop Bracket
17951	3729	Clamp Stretching Ring
17952	3729	" " Spring
17953		Clamp complete, for tying French knots
		for 69-5 Machine, Nos. 578k, 1263D,
		17946, 17947, 17949 to 17952, two
	. : :	1264p and three 220j
17954	5014	Feed Plate for 17953
17955		Pulleys complete, Nos. 1202R, 1206c,
		17848, 17854, 17942 and 63975
17957	3731	Arch Clamp Foot with 17959, for 18453
17958	3733	" " Lifter with 17866, for
		69-8, 69-9, 69-14, 69-16 and 69-22
		Machines
17958	3733	Clamp Arm Lifter with 17866, for 69-7,
		69-12, 69-13 and 69-19 Machines
17958	3733	Clamp Arm (upper) Lifter with 17866,
		for 69-10 Machine
17959	3731	Arch Clamp Foot Lifting Stud for 17957,
		17964, 17965, 18431, 18432, 18460
		and 18461
17960	3731	Arch Clamp Foot Plate for 18453
17963	3731	Feed Plate for 18453
	Nos	, 17964 to 17968 for 18449
17964	3733	Arch Clamp Foot (left) with 17959
17965	3733	" " (right) with 17959
17966	3733	" " " Plate
17967	3733	" " Spring Connection
17968	3732	" " Frame
17970	3740	Feed Plate for 18449
17975	5013	" " 18436, obsolete
	Nos	s. 17976 to 17984 for 18452
17976	3737	Clamp Arm (lower) left
17977	3737	" " " right
		· ·

NO.	PLATE	NAME
17978	3737	Clamp Arm (lower) Bracket
17979	3738	" " (upper) left, with 17986 and
		39257
17980	3738	Clamp Arm (upper) right, with 17986
		and 39257
17981	3737	Clamp Arm (upper) Bracket
17982	3738	" Pressure Spring
17983	3737	" Spreader Lever
17984	3738	" " Friction Washer.
17985	3738	" " " Hinge Stud for
		18451
17986	3738	Clamp Spreader Stud for 17979 and
		17980
17988	3737	Feed Plate (left) for 18452
17989	3737	" (right) for 18452
17991	5019	Clamp Arm (lower) with two 17992, for
		18490, obsolete
17992	3740	Clamp Arm (lower) Hook for 17991 and
		63811
17993	5019	Clamp Arm (upper) for 18490, obsolete
17997	5004	Feed Cam Driving Worm Wheel with
		453c, for 69-7 and 69-15 Machines
17999	3739	Clamp Arm with two 39257, for 18491
*18351		Arm with 4449, 17844 and two 164E, for
		69-5 Machine, obsolete
*18352	—	Cylinder for 69-5 to 69-15, 69-17, 69-18
		and 69-22 Machines, obsolete
18353	5006	Feed Across Connection with 18354 and
		two 175E, obsolete
*18354		Feed Across Connection Cap for 18353,
		obsolete
18355	5008	Feed Across Knuckle Joint, obsolete
18356	5006	" Regulator with 1952
18357	5008	" " " Hinge Stud
18358	5002	" " Shaft
18359	5008	" " Collar with two 200F
18360	5008	" " Crank (back) with
		160s and 200c, for 69-5 to 69-7, 69-10,
		69-13 to 69-18 and 69-22 Machines
18361	5007	Feed Across Shaft Crank (back) Ball
		Stud for 69-5 to 69-7, 69-10 and 69-13
		to 69-18 Machines, obsolete
18362	5007	Feed Across Shaft Crank (front) with
		160E and 18363

NO.	PLATE	NAME
18363	5007	Feed Across Shaft Crank (front) Stud for 18362
18364	5007	Feed Across Shaft Crank (front) Stud Slide Block
18365		Feed Plate Carrier Bar 18445 with 934J, 1195E, 1221c, 17743, 18366, 18390, two 55300 and four 17806, for 18490, 18491 and 69-5, 69-6, 69-15, 69-17 and 69-18 Machines
18366	5007	Feed Plate Carrier Bar Block for 18365, 18438, 18448, 18451 and 18486
18367	5007	Feed Plate Carrier Bar Block Cover for 18436, 18449, 18452, 18453, 18462, 18490, 18491, 55386, 55394, 55414 and 69-5, 69-6, 69-15, 69-17 and 69-18 Machines
18369	5006	Feed Regulator Bracket with 690p, 17732 and two 160p, for all machines except 69-15 and 69-22
18 370	5000	Knife Bar with 18373 and two 17822, for all machines except 69-11
18371	5015	Knife Bar Cap
18372	5016	" Connection with 17917
18373	5015	" Rack for 18370 and 18426
18375	5006	" Cam Lever Bracket for 1197, obsolete
18377	5025	Shuttle Race Ring, obsolete
18378	5024	Cylinder End Cover with 7569, obsolete
18379	5008	" " Spring
18380	5019	Stop Cam Interlocking Rod Case Extension for 1255, obsolete
18382		Throat Plate with 17924 and two 1208p, for round bottom buttons, for 55306, obsolete.
18384	5007	Feed Cam Pin
18385	5002	Oscillating Shaft for all machines except 69-16 and 69-19
18386		Oscillating Shaft Crank for 18387
18387	5017	Oscillating Shaft Crank complete, Nos. 237F, 1519E, 15171 and 18386
18388	5008	Cylinder Block
18389	5015	Knife (needle thread) for 55296, obsolete
18390	5007	Feed Plate Carrier Bar Plate for 18365, 18438, 18448, 18451 and 18486
18392	5003	Thread Take-up Cam 55302 with 446c, for all machines except 69-16 and 69-19

NO.	PLATE	NAME
*18393	5002	Thread Take-up Lever with 1822, for 55283
18395	5004	Feed Cam with two each 1192c, 17874 and four 190J, for 69-5 Machine
18396		Feed Cam with two 1192c, three 17874 and six 1903, for 69-6 Machine
18397		Feed Cam with 17874 and two each 1903 and 1192c, for 69-7 Machine
18398		Feed Cam with 17874 and two each 190J and 1192c, for 69-8 Machine
18399		Feed Cam with two each 1192c, 17874 and four 190J, for 69-9 and 69-10 Machines
18401	·	Feed Cam with 17874 and two each 1901 and 1192c, for 69-11 Machine
18402		Feed Cam with two each 1192c, 17874 and four 190s, for 69-12 Machine
18403		Feed Cam with two 1192c, three 17874 and six 190s, for 69-13 Machine
18404	·	Feed Cam with two each 190, 1192c and 17874, for 69-14 Machine
18405		Feed Cam with 17874 and two each 190J and 1192c, for 69-15 Machine
18406		Feed Cam with two each 190, 1192c, and 17874, for 69-16 Machine
18411		Shuttle Race Body for 18414 and 18430.
18412	5026	" Ring for 18414, obsolete
18413	5018	" " Spring for 18414,
		18430 and 55401
18414	5026	Shuttle Race (flexible) complete for 18378, Nos. 662D, 2523, 18411, 18412, 21623 and two each 1289D and 18413, ob- solete
18415	5007	Feed Cam Driving Worm with 1441c and 1442c, for 69-5, 69-6, 69-8 to 69-11, 69-13, 69-14, 69-16 and 69-22 Machines
18416	5004	Feed Cam Shaft, obsolete
18417	5004	" " Bracket, obsolete
18419		Cylinder Base Plate with two 453c, for 18424
18420	5005	Cylinder Base Plate Hinge Connection for 18424
1 8421	5009	Feed Across Shaft Crank (back) with 160E and 200c, for 69-8, 69-9, 69-11, 69-12 and 69-19 Machines

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	NO.	PLATE	NAME
	18422	5009	Feed Across Shaft Crank (back) Ball
	10122	0000	Stud for 69-8, 69-9 and 69-11 Machines,
			obsolete
	18423	5005	Cylinder Base Plate Hinge Connection Hinge Pin for 18424
	18424	5022	Cylinder Base Plate (hinged) complete,
	10424	0022	Nos. 18419, two each 18420, 18423,
			three wood screws 1½ in. No. 12 and
			four 134D (Attachments and Acces-
			sories)
	18426	5000	Knife Bar with 18373 and two 17822, for
			69-11 Machine
	18427	5001	Cylinder End Cover with 18428, 18444
			and three 4604
	18428	5008	Cylinder End Cover Bracket for 18427
	18429	5018	Shuttle Race Ring for 18430
	18430	5018	Shuttle Race (flexible) complete for all
			machines except 69-16 and 69-19, Nos.
			662p, 2523, 18411, 18429, 21623 and
			two each 1289p and 18413
	18431	5011	Arch Clamp Foot (left) with 17959, for 18436
	18432	5011	Arch Clamp Foot (right) with 17959 for 18436
	N	los. 1843	33 to 18435 for 18436 and 18462
	18433	5011	Arch Clamp Foot Plate
	18434	5011	" " Spring Connection
	18435	5010	" " Frame
	18436		Arch Clamp complete for 69-9 Machine,
			Nos. 1654c, 18367, 18431 to 18435,
			18438, 18459, 39302, two each 181p,
			1175 _J , 14079 and five 217 _J
4	18437	5012	Feed Plate Carrier Bar for 18438
	18438		" " " 18437 with 934s,
			1195E, 1221c, 17743, 18366, 18390, two
			55300 and four 17806, for 18436, 18453 and 18462
	18439		Arm with 4449, 17844 and two 164E, for
			all machines except 69-8, obsolete
	18440	5003	Stop Cam Interlocking Rod Case with 18443 and two 193J, for 18442, 18458
			and 55284, obsolete
	18441	5003	Stop Cam Interlocking Rod Case Bracket for 18442, obsolete
			,

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NO.	PLATE	NAME
18442		Stop Cam Interlocking Rod Case Bracket complete for all machines except 69-8, Nos. 1182E, 1196c, 1204E, 1254c,
		1262c, 1508e, 1662c, 17853, 17859 to 17862, 17872, 17873, 18441, 55284 and two 898p, obsolete
18443	5015	Stop Cam Interlocking Rod Case Wearing Block for 18440, 18492 and 55389
18444	5008	Cylinder End Cover Bracket Hinge Pin for 18427
*18445	5002	Feed Plate Carrier Bar for 18365
*18447	5012	" " " " 18448
18448		" " " 18447 with 934J,
10110		1195E, 1221c, 17743, 18366, 18390, two 55300 and four 17806, for 18449
18449		Arch Clamp complete for 69-8 Machine,
		Nos. 1654c, 17964 to 17968, 17970,
		18367, 18448, 39302, two each 1175D, 1177D, 14079 and five 217J
*18450	5012	Feed Plate Carrier Bar for 18451
18451		" " " 18450 with 934J.
20101		1221c, 17743, 17985, 18366, 18390 and two 55300, for 18452
18452		Clamp complete for 69-10 Machine, Nos. 181d, 957k, 1177d, 1178d, 14008, 17713, 17976 to 17984, 17988, 17989, 18367, 18451, two 7401 and four each 90d and 17806
18453		Arch Clamp complete for 69-11 Machine, Nos. 1175d, 1654c, 17957, 17960, 17963, 18367, 18438, 39250, 39303, two each 181d, 14079 and five 217j
18456	5016	Feed Across Shaft Crank (back) Ball Stud for 69-12 Machine, obsolete
*18457		Arm with 4449, 17844 and two 164E, for 69-8 Machine, obsolete
18458		Stop Cam Interlocking Rod Case Bracket complete for 69-8 Machine, Nos. 1182E, 1196c, 1204E, 1254c, 1262c, 1508E, 1662c, 17853, 17859 to 17862, 17872, 17873, 39288, 55284 and two 898D, obsolete
18459	5011	Feed Plate for 18436
18460	5027	Arch Clamp Foot (left) with 17959, for
20200		18462, obsolete

NO.	PLATE	NAME
18461	5027	Arch Clamp Foot (right) with 17959, for
		18462, obsolete
18462		Arch Clamp complete for 69-14 Machine, Nos. 1654c, 18367, 18433 to 18435, 18438, 18460, 18461, 18463, 39302, two
		each 181D, 1175D, 14079 and five 217J, obsolete
18463	5025	Feed Plate for 18462, obsolete
	Nos.	18464 то 18466 гов 63929
18464	3764	Button Clamp (left) with 9311 and 17723
18465	3764	" (right) with 9311 and 17723
18466	3764	Button Clamp Stop with two 17720
18468	3764	Feed Plate for 69-15 Machine
18469	5029	"Regulator Bracket with 690n, 39310 and two 160n, for 69-15 and 69-22 Ma- chines
18470	5028	Knife Cam Lever Bracket with 1177p
18471	3759	" " Hinge Screw Bushing
10111	0.00	for 18472
*18472		Knife Cam Lever Hinge Screw Bushing 18471 with 50029c
18473	5030	Arch Clamp Foot (left) for 55384
18475	5030	" " (right) for 55385
18477	5030	" " Plate for 55386, 55394 and 55414
18480	3739	Arch Clamp Foot Spring (heavy) for 69-14 and 69-16 Machines, obsolete
18484	5030	Feed Plate for 55386
*18485	5012	" Carrier Bar for 18486
18486		" " " " 18485 with 810p,
		934s, 1195E, 1221c, 18366, 18390, 18488, 18489, two 55300 and four 17806, for 55386, 55394 and 55414
18487	5029	Feed Regulator with 1953, for 69-14 and 69-16 Machines
18488	3759	Feed Regulator Post for 18486
18489	3759	" " Guide for 18486
18490		Clamp complete, for 69-7, 69-12 and
		69-19 Machines, Nos. 1654c, 9330,
		18365, 18367, 39304, 39336, 63811 and
	٠,	63812

NO.	PLATE	NAME
18491		Clamp complete for 69-13 Machine, Nos. 1654c, 17999, 18365, 18367, 39258 and 39336
18492	5028	Stop Cam Interlocking Rod Case 55387 with 18443 and two 193, for 55285, obsolete
18493		Stop Cam Interlocking Rod Case Bracket 55304 with 39343, 39344 and two 1186p, for all machines except 69-8
18494		Stop Cam Interlocking Rod Case Bracket 55305 with 39343, 39344 and two 1186p, for 69-8 Machine
18498	5044	Belt Cover
19793	5015	Knife Cam Lever Slide Steady Pin for 39329
21327	8589	Starting Lever Rock Shaft Hanger with two wood screws 1 in. No. 10, for 55432
*21358		Feed Across Connection Cap (lower) for 55376
21561	5017	Shuttle, $1\frac{11}{16}$ in. diam., for all machines except 69-16 and 69-19, Nos. 2996, 15277 and 21562
21562	5017	Shuttle Body for 21561
21623	5018	" Race Cap for 18414 and 18430
21629	3718	Needle Bar Connecting Stud with 155c
21678	5009	Hand Stop Lever Rod Collar with 1019c, for 69-8 Machine
22003	5023	Wrench for 1651 (Attachments and Accessories)
23219	3709	Clamp Spring Steady Pin for 17906
23227	3705	Button Clamp Spring Steady Pin for 17901
23373	3741	Belt Cover, obsolete
2412 2	5009	Hand Stop Lever Spring for 69-8 Machine
25297		Stand (steel work) complete, Nos. 46711 and two each 46707, 46712 and 126758
26026	5023	Screw Driver, machine (Attachments and Accessories)
26485	5023	Screw Driver, shuttle tension (Attachments and Accessories)
27305	3781	Bobbin Winder Spindle for 41713
27321	5041	" Frame for 41604 and

NO.	PLATE	NAME
27326	3781	Bobbin Winder Stop Latch for 41713
27328	5041	41004
27 538	5041	opinule 21048 with 10012,
		27850 and 41828, for 41604
27662	5023	Wrench for 1508 (Attachments and
		Accessories)
27683	7242	Starting Lever Rock Shaft Arm with two
		356c, for 55432 and 63981
27739	7234	Thread Unwinder Thread Cone (wood)
		for large cones, for 225396
27849	8582	Bobbin Winder Spindle for 27538
27850	8582	" " Collar for 27538.
27916	3781	" Brake (leather) for 41598
28084	3781	" " Rivet for 41598
32134		Starting Lever Rock Shaft Spring for
		55432
32675	8582	Presser Bar Spring
39201	5019	Belt Shifter, obsolete
39202	8585	Stop Cam Interlocking Rod Case, ob-
		solete
*39203	3718	Needle Bar Connecting Link
39204	5028	Thread Take-up Cam 63749 with 446c,
		for 69-16 and 69-19 Machines
39205	5023	Guide with 460c, for 17953
39206	3731	Arch Clamp Foot Lifter with 17866, for
		69-11 Machine
39211	5005	Feed Cam Driving Worm with 1441c
		and 1442c, for 69-12 and 69-17 to 69-19
		Machines
39212	5002	Feed Cam Driving Worm Wheel with
		453c for 69-12 and 69-17 to 69-19
,		Machines
	Nos.	39218 то 39220 гов 39221
39218	5022	Table Belt Guide with two 168E
39219	5022	" " Pulley Shaft (long) with
		17896 and 63973
39220	5022	Table Belt Guide Pulley Shaft (short)
		with 17896 and 63974
39221	-	Table Belt Guide complete, Nos. 17892,
		39219, 39220, two each 17893, 39218
		and three wood screws $1\frac{1}{4}$ in. No. 12
39222	5001	Belt Shifter for 55284 and 55285
39223	5008	" " Clamp for 55284 and 55285,
50230		obsolete
39231	5005	Feed Cam Driving Worm with 1441c and
55-52		1442c, for 69-7 and 69-15 Machines
		,

NO.	PLATE	NAME
39235	5006	Knife Cam Lever Body for 39409
39238	3747	Button Clamp (left) with 9311 and 17723, for 63928
39239	3747	Button Clamp (right) with 9311 and 17723, for 63928
39241	3748	Button Clamp Pressure Spring for 63928
39242	3748	" Spreader for 63928 and
		63929
N	los. 392	44 to 39247 for 63928 and 63929
39244	3747	Button Clamp Spring (left) for flat buttons
39245	3747	Button Clamp Spring (right) for flat buttons
39246	3748	Button Clamp Spring (left) for stud back buttons
39247	3748	Button Clamp Spring (right) for stud back buttons
39248	3748	Button Clamp Stop with two 17720, for 63928.
39250	5010	Arch Clamp Frame for 18453
39257	5009	Clamp Arm Hook for 17999
39257	5009	" (upper) Hook for 17979 and
		17980
39258	5014	Feed Plate (thin) for 18491
39276	5009	Needle Bar Thread Nipper Lever Spring
N	Nos. 392	283 to 39287 for 69-8 Machine
39283	5009	Hand Stop Lever
39284	5000	" " Rod
39285	5009	" " " Connection
39286	5009	" " Guide Stud (back)
39287	5009	" " " (front)
39288	5003	Stop Cam Interlocking Rod Case Bracket for 18458, obsolete
39290	5001	Belt Cover Bracket with 184E and 17741
*39295		Shuttle Body with 398E, 2082, 2084, 2211 and two 2212, for 39296
39296	3702	Shuttle complete for 69-16 and 69-19 Machines, Nos. 2073, 2076, 39295 and 44001
39297	5016	Knife Bar Driving Lever with 190s, 1420E, 17919 and 39298
39298	5016	Knife Bar Driving Lever Lock Stud for 39297
39302	3731	Arch Clamp Foot Spring for 18436, 18449 and 18462

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NO.	PLATE	NAME
39303	3731	Arch Clamp Foot Spring for 18453
39304	5014	Feed Plate for 18490
*39310		" Regulator Bracket Cap for 18469
39312	5029	" with 1953, for 69-15 Ma-
		chine
39313	3759	Feed Regulator Swivel for 69-15 and
00010	0.00	69-22 Machines
39329	5029	Knife Cam Lever complete, Nos. 19793
00020	0020	and 39409
39330	3759	Knife Cam Lever Slide with 1980, for
		39460
39331	3759	Knife Cam Lever Slide Screw Washer for
		39460
	No	s. 39333 то 39335 го в 3 9336
39333	3761	Clamp Arm Bracket
39334	3761	" " Hinge Block
39335	3761	" Screw Plate
39336	3761	Clamp Arm Bracket (adjustable) com-
	0.01	plete for 18490 and 18491, Nos. 129E,
		1178р, 1300р, 1654с, 39333 to 39335
		and 50048j
39340	5027	Button Clamp Spring for 39341
39341	•••••	" " 39340 with 39342,
		for flat or stud back buttons, for 17904
39342	5027	Button Clamp Spring Plate for 39341
39343	5028	Stop Cam Interlocking Rod Case Spring
		(flat) for 18493 and 18494
39344	3759	Stop Cam Interlocking Rod Case Spring
		Bracket with 1520E and 50682c, for
	,	18493 and 18494
39346	5028	Stop Cam Interlocking Rod Case Bracket
		for 55304
39348	5028	Stop Cam Interlocking Rod Case Bracket
	00-0	for 55305
39350	5029	Needle Bar Thread Nipper Driving Lever
00000	0020	(adjustable) with 39351 and two 3355
39351	3759	Needle Bar Thread Nipper Driving Lever
00001	0105	Extension for 39350
39352	5029	Needle Bar Thread Nipper Driving Lever
00002	3028	Spring
39361	8583	Feed Regulator with 1953, for 69-22
55001	0000	Machine
00000		
39362		Feed Plate (thick) for 69-13 Machine
39409		Knife Cam Lever Body 39235 with 39460
		for 30329 :

NO. 39460	PLATE	NAME Knife Cam Lever Slide 39330 with 1255p
39487	3702	and 39331, for 39409
39489	7008	and 69-19 Machines
39490		" Blade for 39489
	Nos	. 39491 то 39494 гов 63753
39491	7008	Protector Bracket with two each 426c and 448c
39492	7009	Protector Crank with 160c
39493	7009	" Bracket with 1120c and
		two 454c
39494	7008	Protector Rod
39495	7009	" Connection for 39498 " Sleave for 63753
39496	7008	Gleeve for dorso
39497	7009	opring for 00100
39498		Protector (front of needle) complete, Nos. 39495, 63753 and two each 176p and
		50351p
41400	5023	Machine Rest Pin, wood (Attachments and Accessories)
41598	5041	Bobbin Winder Base with 27916 and two 28084, for 41604 and 41713
41600	5041	Bobbin Winder Pulley with 155c, for 41604 and 41713
41604	5041	Bobbin Winder for 41716, Nos. 35p, 1620j, 27321, 27328, 27538, 41598, 41600, 41825 and 50355p
41713	3780	Bobbin Winder for 41714, Nos. 35p, 1620j, 27305, 27321, 27326, 41598, 41600, 41825 and 50356p
41714	— `	Bobbin Winder (swinging automatic,
		left hand) complete for 2073, for 69-16 and 69-19 Machines, Nos. 161p, 41713, 60770 and two 1186c
41715	5023	Bobbin Winder Bracket for 18352 and 55269, for 41714 and 41716, obsolete.
41716		Bobbin Winder (swinging automatic, left hand) complete for 2996, for 69-5,
		69-15, 69-17, 69-18 and 69-22 Machines, Nos. 161D, 41604, 60770 and two 1186c
41825	3781	Bobbin Winder Frame Spring for 41604 and 41713
41828	8582	Bobbin Winder Spindle Collar Pin for 27538.

NO.	PLATE	NAME
42639	8584	Knife (stationary) Bracket Pin for 55324
-,		and 55402
43808	5042	Bobbin Winder Tension Spring for 60770
*44001		Shuttle Cover 2075 with 112p, 466H, 2078, 2080, 2086 and 2090, for 39296.
46707	9090	Leg Brace with wood screw 1 in. No. 16, for 25297
46711	9090	Treadle Support for 25297
46712		" Bolt 50297R with 12620 and 46713, for 25297
46713	8589	Treadle Support Bolt Packing for 46712.
$50018_{ m F}$	5021	Knife Holder Pinion Stud Bracket Screw
		for 55306, 55329, 55330, 55333, 55336 and 55404
$50029\mathrm{c}$	3759	Knife Cam Lever Hinge Screw for 18472
50048 J	3761	Clamp Arm Bracket Hinge Screw (eccentric) for 39336
50117 _J	8584	Knife (stationary) Screw for 55329, 55330 55333, 55336 and 55404
50237к	3705	Button Clamp Spreader Lever Hinge Screw for 17898, 17904, 63928 and 63929
50297R	20332	Treadle Support Bolt with 1522E, for 46712
50333 c	5042	Arm Shaft Bushing (back) Adjusting Screw
50351р	7009	Protector Bracket Screw for 39498
50356p	5042	Bobbin Winder Frame Hinge Screw for
		41604 and 41713
50598c	8584	Feed Across Regulator Ball Screw Stud for 55378 to 55380
50682c	8584	Stop Cam Interlocking Rod Case Spring
		Adjusting Screw for 39344
51057R		Leg Bolt with 1522E, for 126758
51057R		" Cross Member Bolt with 1522E, for 126758
51057R		Rail Bolt with 1522E, for 126758
51251л	8588	Hand Stop Lever Hinge Screw for 69-8 Machine
52598	7009	Protector Crank Hinge Stud for 63753
*55269		Cylinder for 69-16 and 69-19 Machines, obsolete
55271	5032	Shuttle Race Ring for 55401
55278		Oscillating Rock Shaft complete for all
		machines except 69-19, Nos. 1513J, 6022 and 6489

NO.	PLATE	NAME
55283	PLAIL	Thread Take-up Lever 18393 with 79c,
00200		for all machines except 69-16 and 69-19
*55284		Stop Cam Interlocking Rod Case 18440
		with 1318p, 17855, 17863, 17864, 39222
		39223 and two 1255p, for 18442 and
		18458, obsolete
*55285		Stop Cam Interlocking Rod Case 55418
		with 1318b, 17855, 17863, 17864 and 39222, for 55304 and 55305
*55296		Knife Holder 17825 with 1198c, 17808,
35280	-	17829 and 18389, for 55306, obsolete
55300	5042	Feed Plate Carrier Bar Block Steady Pin
		for 18365, 18438, 18448, 18451 and
		18486
*55302	. — ,	Thread Take-up Cam for 18392
55304		Stop Cam Interlocking Rod Case Bracket
		complete for 18493, Nos. 1182E, 1196c,
		1204E, 1254c, 1262c, 1508E, 1662c, 17853, 17859, 17861, 17862, 17872,
		17873, 39346, 55285 and two 898D
55305	<u> </u>	Stop Cam Interlocking Rod Case Bracket
00000		complete for 18494, Nos. 1182E, 1196c,
		1204Е, 1254с, 1262с, 1508Е, 1662с,
		17853, 17859, 17861, 17862, 17872,
		17873. 39348, 55285 and two 898p
55306		Throat Plate 18382 with 1698c, 17828,
		50018r and 55296, for all machines
		except 69-11, obsolete
55308		Feed Cam with two each 1192c, 17874
		and four 190s, for 69-17 Machine
55309		Feed Cam with two 1192c, four each 1901, and 17874, for 69-18 Machine
55319	8582	Knife (needle thread) for 55323
55320	8582	" (shuttle thread) for 55323 and
00020	0004	55398
55321	8582	Knife (stationary) for 55329, 55330,
		55333, 55336 and 55404
*55322		Knife (stationary) Bracket for 55324
55323		" Holder 17825 with 1198c, 17829,
		55319 and 55320, for 55329, 55330,
		55333 and 55336
55324	8586	Throat Plate with 55322 and two 42639, for 55327, 55328, 55332 and 55335
55325	8586	Throat Plate Needle Hole Bushing (large
00020	0566	needle hole) for 55327 and 55403
55326	8586	Throat Plate Needle Hole Bushing (small
00020	0000	needle hole) for 55328
18202-7		

18202-7

NO.	PLATE	NAME
55327		Throat Plate 55324 with 55325 and two 1208D, for 55329
55328		Throat Plate 55324 with 55326 and two 1208p, for 55330
55329		Throat Plate complete for 69-5, 69-8, 69-15, 69-17 and 69-22 Machines, Nos. 1698c, 17828, 50018F, 50117J, 55321, 55323 and 55327
55330		Throat Plate complete for 69-6, 69-9, 69-10, 69-13, 69-14 and 69-18 Machines, Nos. 1698c, 17828, 50018r, 50117J, 55321, 55323 and 55328
55331	8586	Throat Plate Needle Hole Bushing for 55332
55332	. —	Throat Plate 55324 with 55331 and two 1208p, for 55333
55333		Throat Plate complete for 69-11 Machine, Nos. 1698c, 17828, 50018r, 50117J, 55321, 55323 and 55332
55334	8586	Throat Plate Needle Hole Bushing for 55335
55335		Throat Plate 55324 with 55334 and two 1208D, for 55336
55336		Throat Plate complete for 69-7 and 69-12 Machines, Nos. 1698c, 17828, 50018r, 50117j, 55321, 55323 and 55335
55376	8585	Feed Across Connection with 21358, 55377 and four 1057E, for 55378 to 55380
*55377		Feed Across Connection Cap (upper) for 55376
55378		Feed Across Connection 55376 with 50598c and 55381, for 69-5 to 69-7, 69-10, 69-13 to 69-19 and 69-22 Machines
5 5379		Feed Across Connection 55376 with 50598c and 55382, for 69-8, 69-9 and 69-11 Machines
55 380		Feed Across Connection 55376 with 50598c and 55383, for 69-12 Machine
55 381	8584	Feed Across Shaft Crank (back) Ball Stud for 55378
55382	8584	Feed Across Shaft Crank (back) Ball Stud for 55379
55383	8584	Feed Across Shaft Crank (back) Ball Stud for 55380

NO.	PLATE	NAME
55384		Arch Clamp Foot (left) 18473 with 219k and 63731, for 55386
55385		Arch Clamp Foot (right) 18475 with 219k and 63732, for 55386
55386		Arch Clamp complete for 69-14 and 69-16 Machines, Nos. 1654c, 18367, 18477, 18484, 18486, 55384, 55385, 63734, two each 181D, 1229r, 1547J, 14079, 63733 and four 190J
55387	8583	Stop Cam Interlocking Rod Case for 18492, obsolete
55388	8585	Stop Cam Interlocking Rod Case for 55389
55389		Stop Cam Interlocking Rod Case 55388 with 18443 and two 1931, for 55418
55390	8582	Arch Clamp Foot (left) for 55391
55391		" " " 55390 with 219k and 63731, for 55394
55392	8582	Arch Clamp Foot (right) for 55393
55393		" " " 55392 with 219k
90090		and 63732, for 55394
55394		Arch Clamp complete for 69-22 Machine, Nos. 1654c, 18367, 18477, 18486, 55391, 55393, 55396, 63734, two each 181D, 1229F, 1547J, 14079, 63733 and four 190J
55395	8585	Feed Cam with two each 190J, 1192c and 17874, for 69-22 Machine
55396	8582	Feed Plate for 55394
55397	8582	Knife (needle thread) for 55398
55398		" Holder 17825 with 1198c, 17829, 55320 and 55397, for 55404
55399		Knife (stationary) Bracket for 55402
55400		Shuttle Race Body for 55401
55401		Shuttle Race complete for 69-16 and 69-19 Machines, Nos. 55271, 55400 and two each 1289p and 18413
55402	8587	Throat Plate with 55399 and two 42639, for 55403
55403		Throat Plate 55402 with 55325 and two 1208p, for 55404
55404	_	Throat Plate complete for 69-16 and 69-19 Machines, Nos. 1698c, 17828, 50018F, 50117J, 55321, 55398 and 55403
*55405		Arm with 4449, 17844 and two 164E, for all machines except 69-8

NO.	PLATE	NAME
*55406		Arm with 4449, 17844 and two 164E, for
00100		69-8 Machine
*55407		Cylinder for all machines except 69-16 and 69-19
*55408		Cylinder for 69-16 and 69-19 Machines
55410	8588	Arch Clamp Foot (left) for 55411
55411		" " " 55410 with 219k
		and 63731, for 55414
55412	8588	Arch Clamp Foot (right) for 55413
55413	·	" " " 55412 with
		219к and 63732, for 55414
55414		Arch Clamp complete for 69-22 Machine, Nos. 1654c, 18367, 18477, 18486, 55411, 55413, 55417, 63734, two each 181p, 1229f, 1547j, 14079, 63733 and four 190j (For Singer Clydebank only)
55417	8588	Feed Plate for 55414
55418		Stop Cam Interlocking Rod Case 55389 with 63976 and two 1255p, for 55285.
55431		Starting Lever Rock Shaft for 55432
55432		Starting Lever Rock Shaft complete for 1800 Series Motors, Nos. 32134, 55431, 55433, wood screw 1 in. No. 12 F. H. and two each 2770, 21327 and 27683
55433		Starting Lever Rock Shaft Chain, 101/4
		in. long, with 56865, for 55432
56756		Thread Take-up Lever 3072 with 76c, for 69-16 and 69-19 Machines
56812		Oscillating Rock Shaft Hinge Pin 3052 with 1513s, for 16806
56864	5042	Starting Lever Rock Shaft Chain Hook
2000#	0012	for 14224
56865	8588	Starting Lever Rock Shaft Chain Hook
60769	3780	for 55433 Bobbin Winder Tension Bracket for 60770
60770	3780	Bobbin Winder Tension Bracket complete for 41714 and 41716, Nos. 419E, 1562J, 8422, 9780, 43808, 60769 and two 2455
62155	8585	Feed Cam Shaft
62739	8584	Shuttle Bobbin Case for 15277
63726	8582	Arch Clamp Foot Lifting Stud for 63731
		and 63732
63731		Arch Clamp Foot Shank (left) with 63726, for 55384, 55391 and 55411

NO.	PLATE	NAME
63732		Arch Clamp Foot Shank (right) with
		63726, for 55385, 55393 and 55413
63733	8585	Arch Clamp Foot Spring for 55386, 55394 and 55414
63734	8583	Arch Clamp Frame for 55386, 55394 and 55414
*63736		Face Plate 17724 with 2105, for 17725
*63749		Thread Take-up Cam for 39204
63753		Protector (front of needle) for 39498, Nos.
		1099r, 39489. 39491 to 39494, 39496, 39497, 52598 and two 15261
63788	7205	Button Clamp Arm Hook for 17927 and 63927
63788	7205	Clamp Arm Hook for 17908 and 17947
63811	7205	" " (lower) with two 17992, for 18490
63812	7205	Clamp Arm (upper) for 18490
63927	7205	Button Clamp Arm with 17714 and 63788 for 63928 and 63929
63928		Button Clamp (universal) complete, for 10 to 50 line thin buttons, for 69-5,
		69-6, 69-17 and 69-18 Machines, Nos. 1180 _J , 1181 _J , 1182 _J , 1183 _J , 17717 to 17719, 39238, 39239, 39242, 39244 or 39246, 39245 or 39247, 39248, 50237x, 63927 and two each 229 _J and 1175 _J
63929		Button Clamp (universal) complete, for 26 to 55 line buttons, for 69-15 Ma- chine, Nos. 1180 _J , 1181 _J , 1182 _J , 1183 _J , 17717 to 17719, 18464 to 18466, 39242, 39244 or 39246, 39245 or 39247, 50237κ, 63927 and two each 229 _J and 1175 _J
63973		Table Belt Guide Pulley Shaft (long) Wick (braided cotton) for 39219
63974		Table Belt Guide Pulley Shaft (short) Wick (braided cotton) for 39220
63975	8583	Pulley (loose) 23/4 in. diam., for 17955
63976	8582	Belt Shifter Clamp for 55418
63981		Starting Lever Rock Shaft complete for 25291, Nos. 2770, 7124, 14224 and two each 16128 and 27683
120346	4079	Oiler (copper plated) with 120347 (Attachments and Accessories)
120347	4079	Oiler Spout, 9 in. long, for 120346
124674	8583	Arm Side Cover
124706	8589	Button Spacing Gauge Holder for 12495 2
124950	8588	" " for 124952

102	NU	MERICAL LIST OF PARTS
no. 124951 124952	PLATE 8589	NAME Button Spacing Gauge Plate for 124952. Button Spacing Gauge complete, Nos
126391	ຄະດາ	181 _J , 9525, 124706, 124950, 124951 and two each 217 _J , 7071 and wood screws 1 in. No. 10 R. H
	8583	Bobbin Winder Bracket for 55407 and 55408, for 41714 and 41716
126508	9090	Leg for 126758
126509	20332	" Bolt Nut Socket Washer for 126758
126509	20332	" Cross Member Bolt Nut Socket Washer for 126758
126509	20332	Rail Bolt Nut Socket Washer for 126758
126530	9090	Leg Cross Member, 15½ in. long, for 126758
126532	9090	Rail, 16 in. long, for 126758
126758		Leg with Rail complete for 25297, Nos. 126530, 126532, two 126508, three
200383c	8584	12620 and four each 51057R and 126509 Thread Unwinder Spool Rest Rod Set Screw for 202490
201018c	8584	Thread Unwinder Spool Rest Set Screw for 225395
201696л	8584	Thread Unwinder Thread Guide Lock Nut for 225396.
202490	7233	Thread Unwinder Spool Stand with 200383c, for 225396
225322	20332	Thread Unwinder Thread Guide Rod Washer for 225324
225324	7233	Thread Unwinder Thread Guide Rod with 208E and 225322, for 225396
225326	20332	Thread Unwinder Thread Guide Position Cup for 225396
225388	7233	Thread Unwinder Spool Rest Rod for 225396
225390	7234	Thread Unwinder Thread Cone Holder, for inverted cones, for 225396
225391	7233	Thread Unwinder Thread Guide for 225396
225395	7233	Thread Unwinder Spool Rest with 201018c, for 225396
225396	7233	Thread Unwinder complete, for two spools, Nos. 201696 <i>y</i> , 202490, 225324, 225326, 225388, 225395, two 225391 and three wood screws ½ in. No. 12

PLATE 3702-FULL SIZE



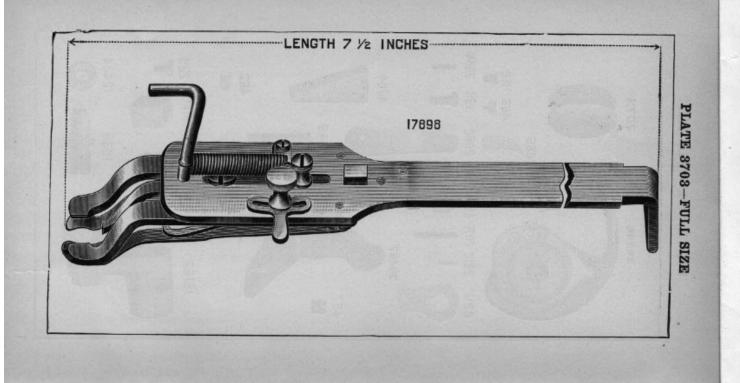


PLATE 3704—FULL SIZE

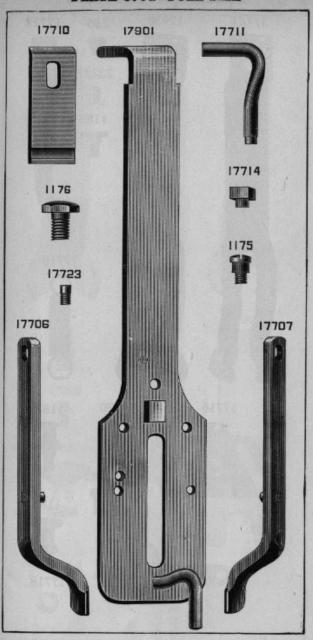


PLATE 3705-FULL SIZE

PLATE 3706-FULL SIZE

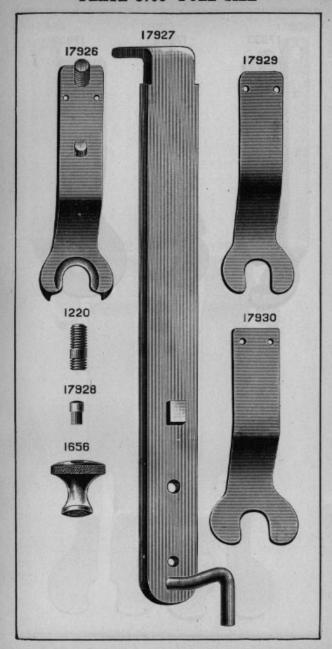


PLATE 3707-FULL SIZE

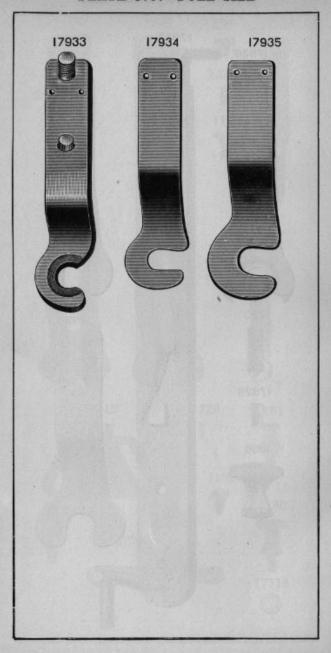


PLATE 3708-FULL SIZE

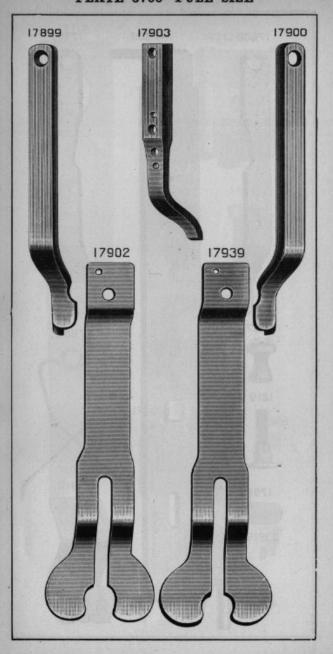


PLATE 3709-FULL SIZE

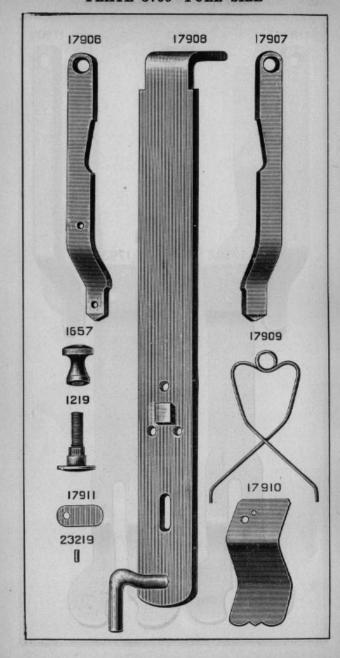


PLATE 3710-FULL SIZE

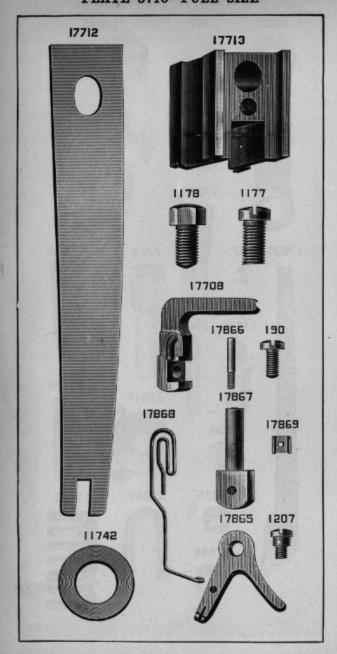


PLATE 3718-FULL SIZE 17834 337 17836 2809

PLATE 3721-FULL SIZE

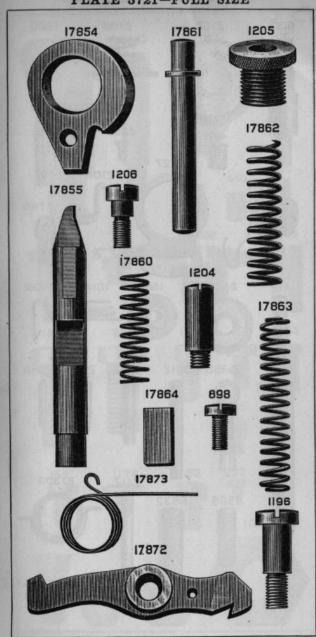


PLATE 3722-FULL SIZE

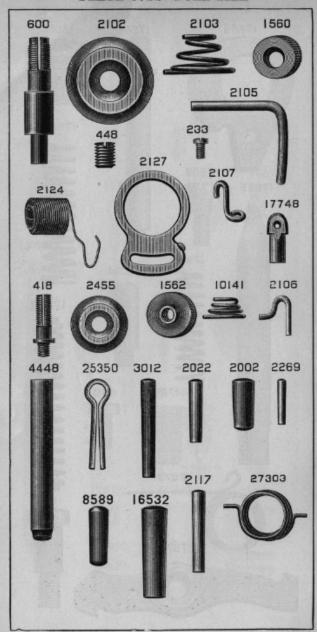


PLATE 3724-FULL SIZE

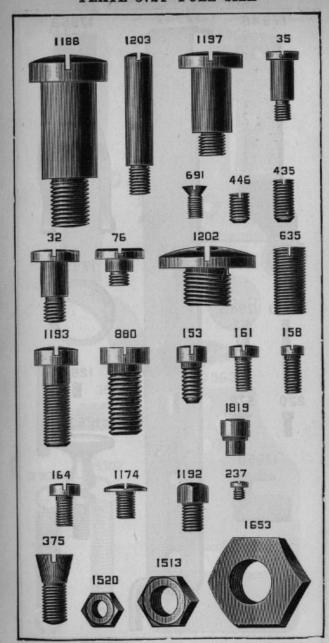


PLATE 3729—FULL SIZE

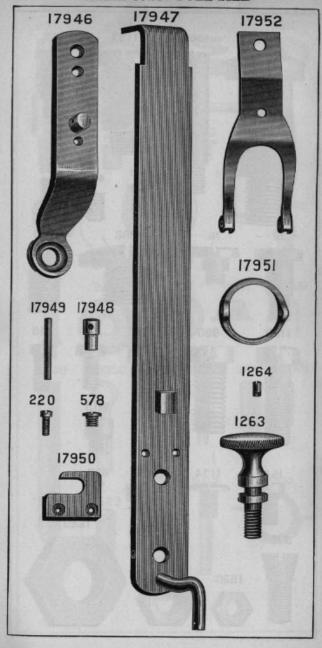
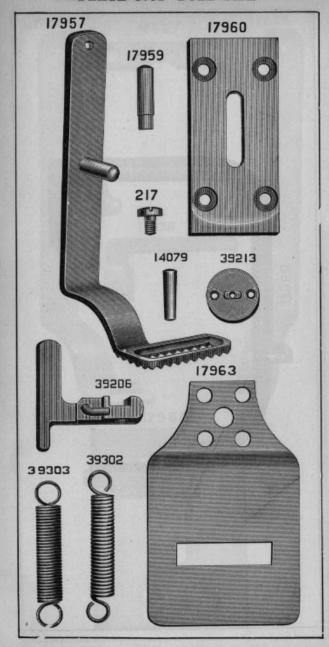


PLATE 3731-FULL SIZE



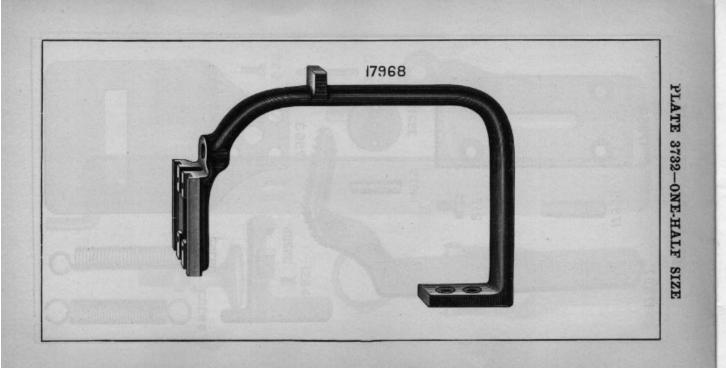


PLATE 3733—FULL SIZE

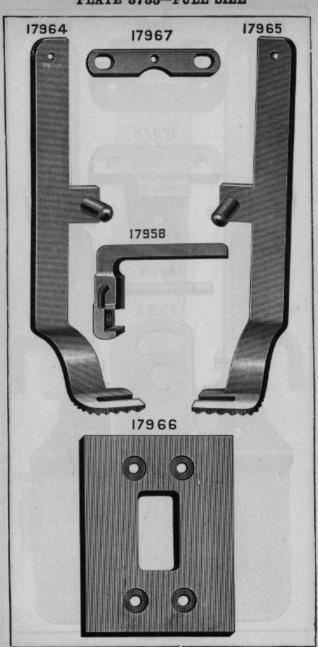


PLATE 3737—FULL SIZE

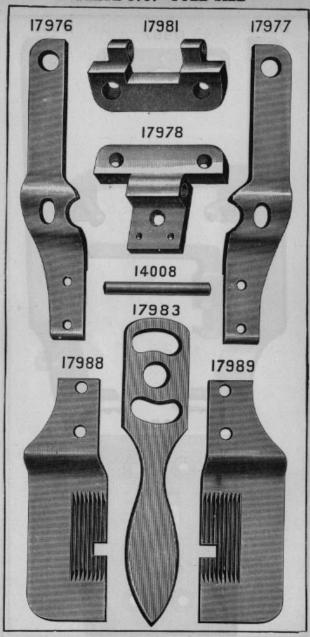


PLATE 3738-FULL SIZE

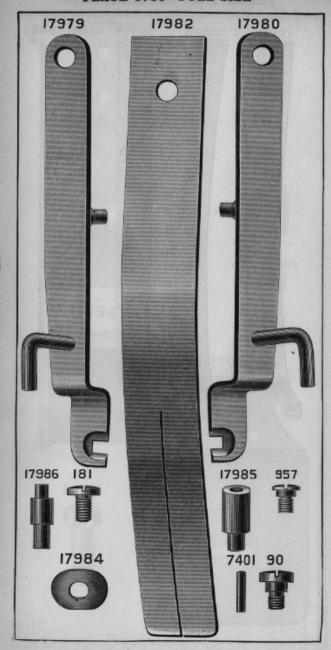


PLATE 3739-ONE-HALF SIZE

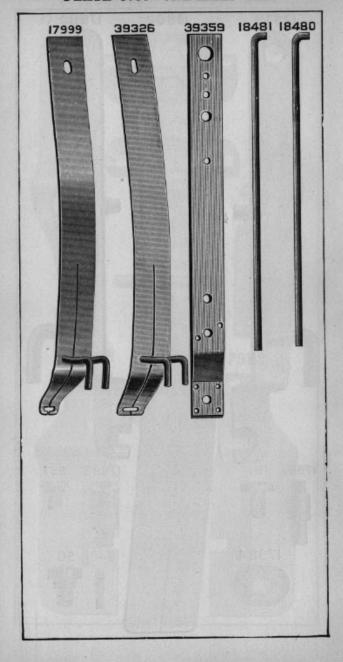


PLATE 3740-FULL SIZE

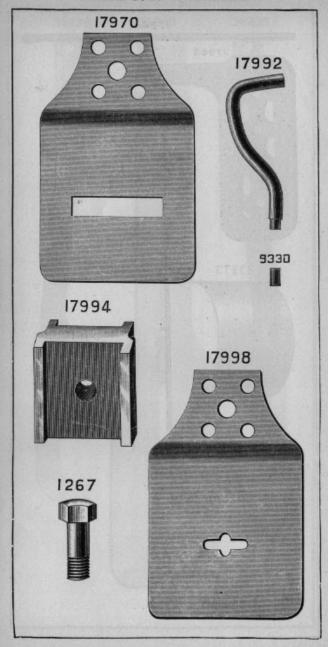


PLATE 3741-ONE-FOURTH SIZE

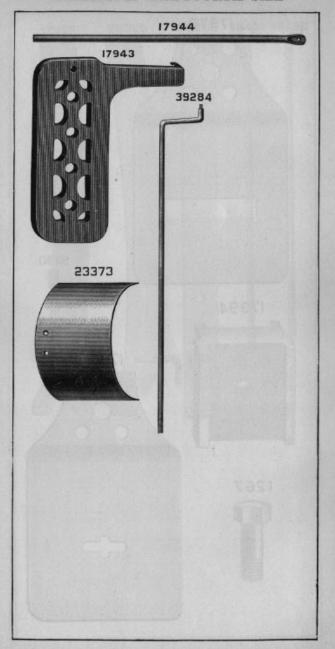


PLATE 3747—FULL SIZE

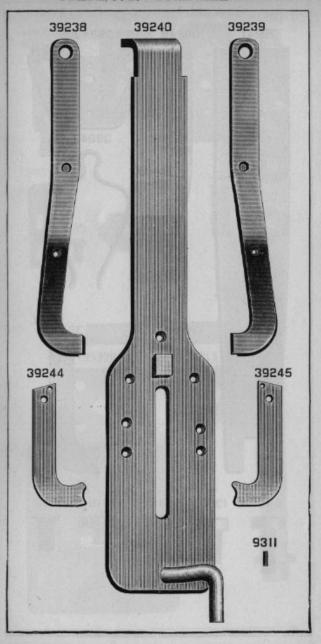


PLATE 3748-FULL SIZE

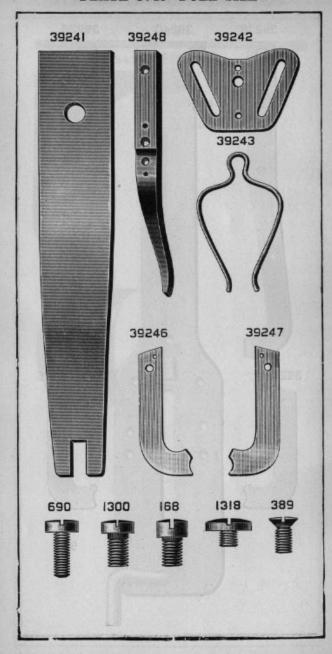


PLATE 3759-FULL SIZE

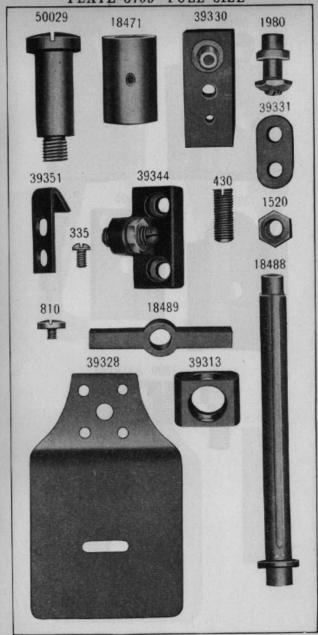


PLATE 3761-FULL SIZE

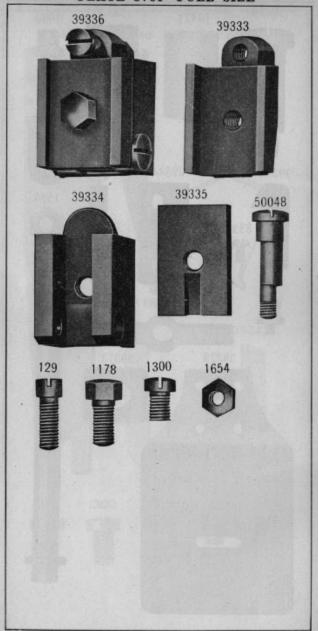


PLATE 3764-FULL SIZE

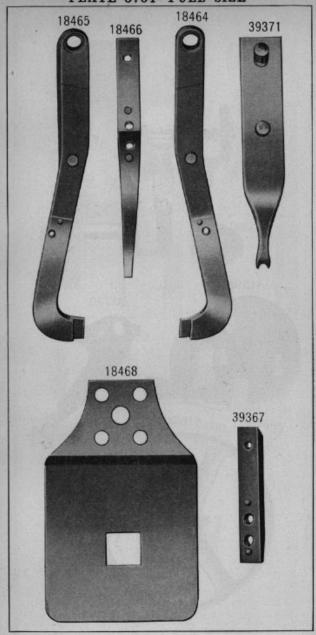


PLATE 3780-ONE-HALF SIZE

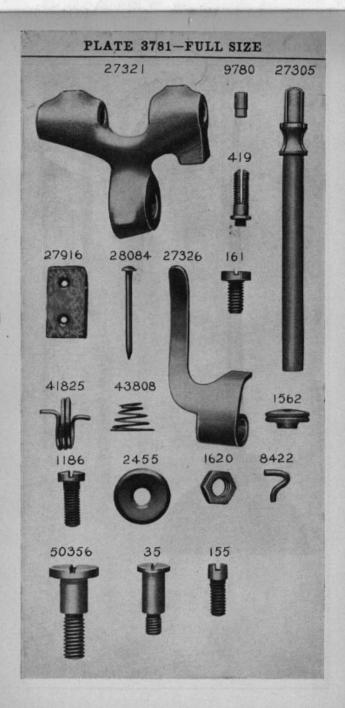


PLATE 4079-ONE-HALF SIZE 120346 120341 120347

PLATE 5000-ONE-FOURTH SIZE

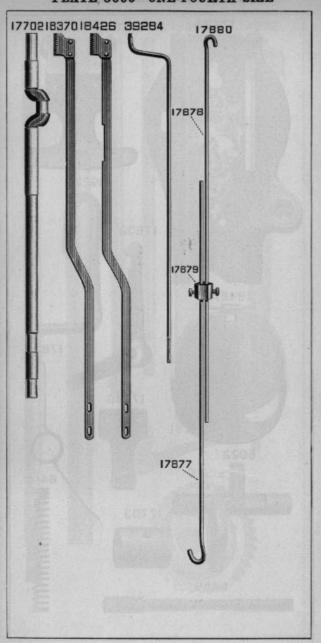


PLATE 5001-ONE-HALF SIZE

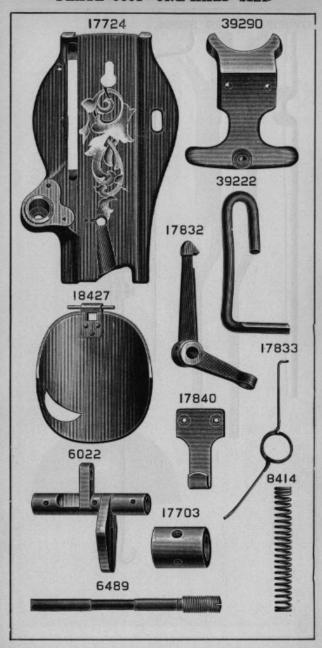


PLATE 5002-ONE-HALF SIZE

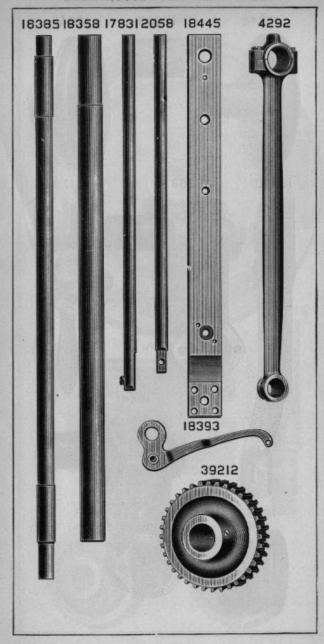


PLATE 5003-ONE-HALF SIZE

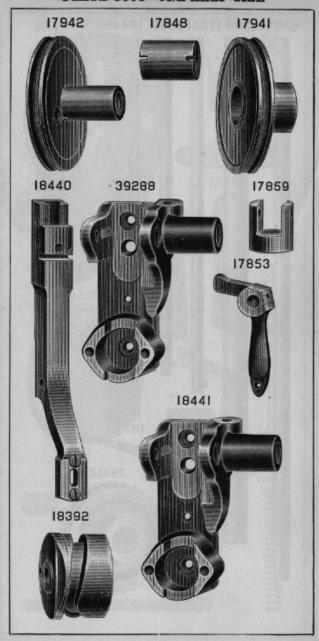


PLATE 5004-ONE-HALF SIZE

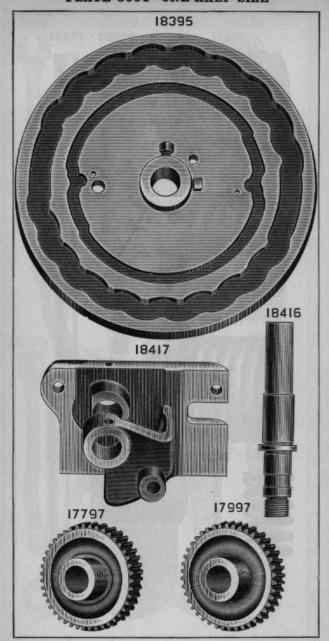


PLATE 5005-FULL SIZE

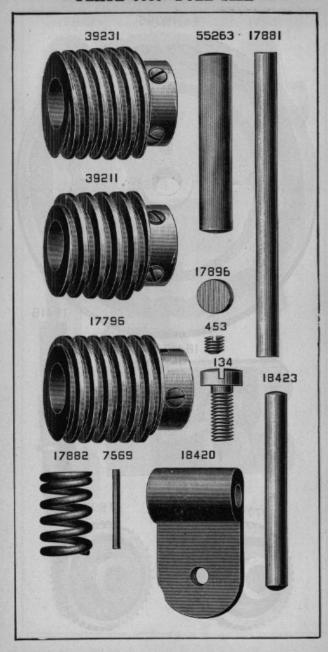


PLATE 5006-ONE-HALF SIZE

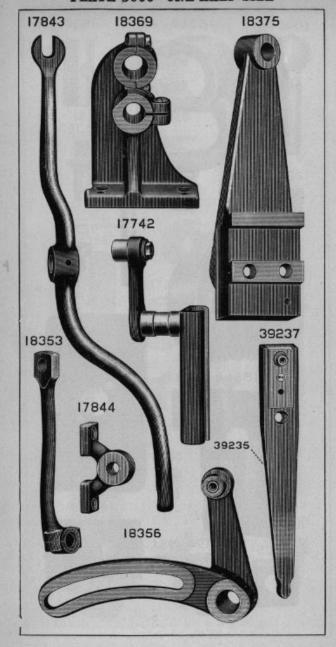


PLATE 5007-FULL SIZE 1194 934

PLATE 5008-FULL SIZE

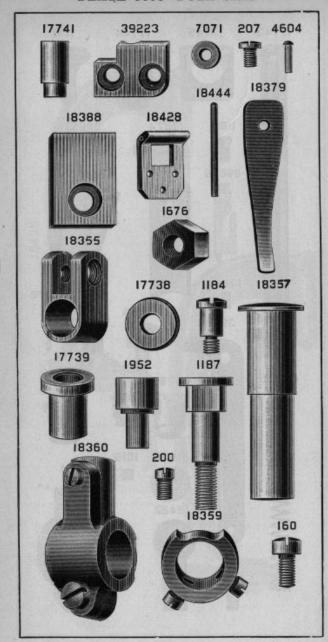
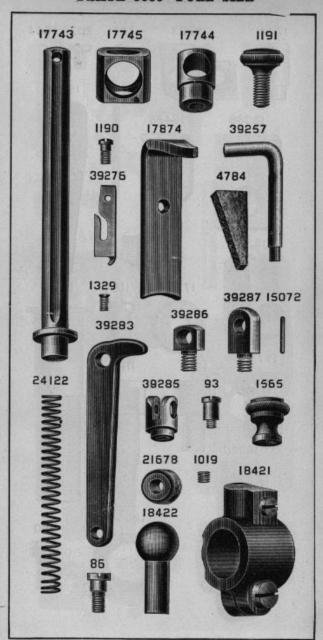


PLATE 5009-FULL SIZE



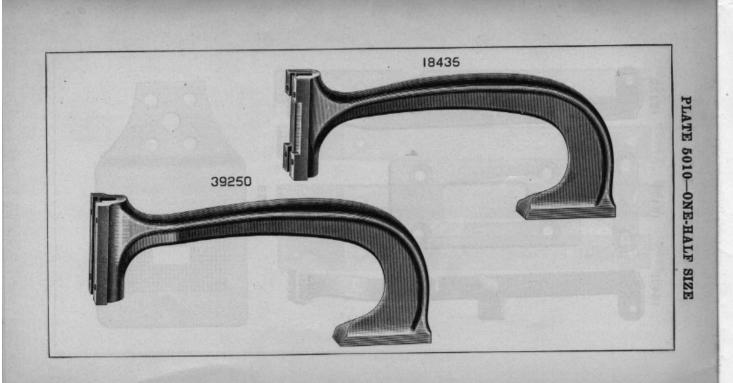


PLATE 5011-FULL SIZE

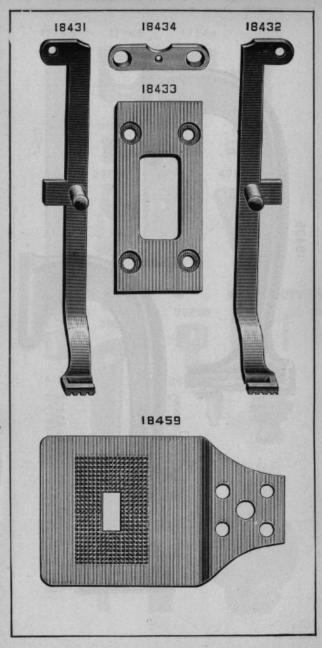


PLATE 5012-ONE-HALF SIZE

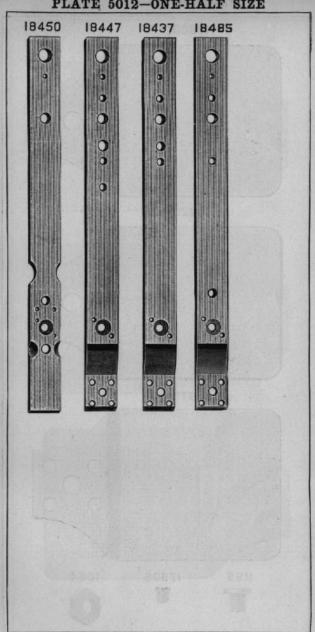


PLATE 5013-FULL SIZE

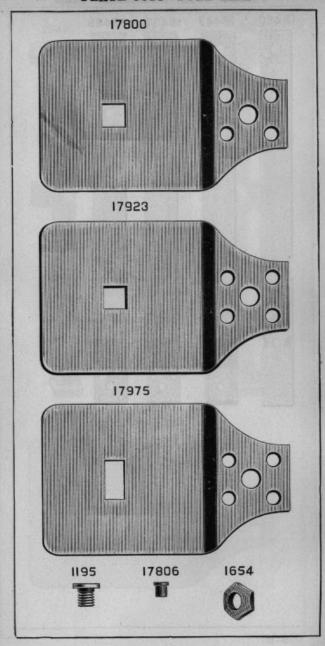


PLATE 5014-FULL SIZE

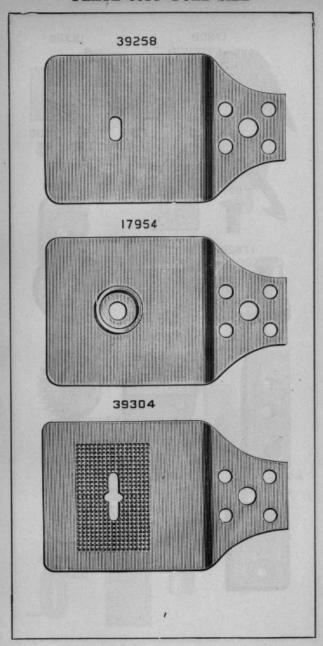


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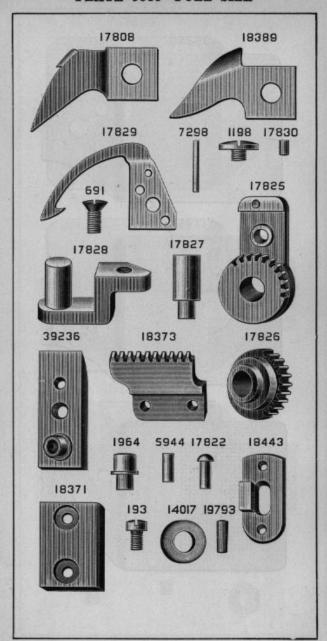


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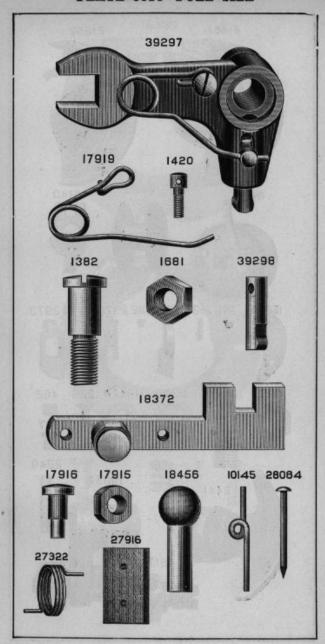


PLATE 5017-FULL SIZE

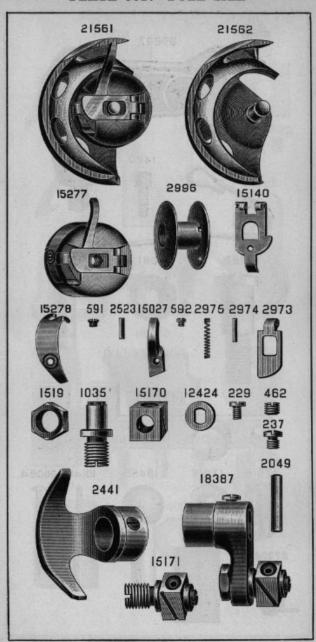


PLATE 5018-FULL SIZE

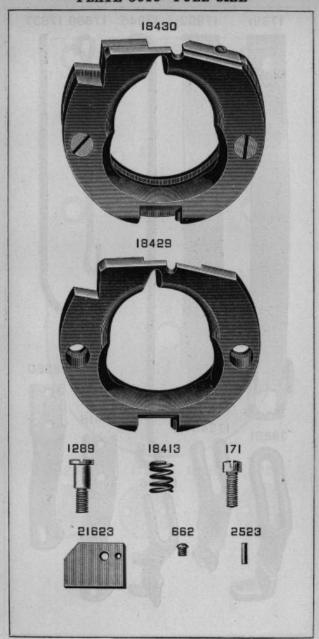


PLATE 5019-ONE-HALF SIZE

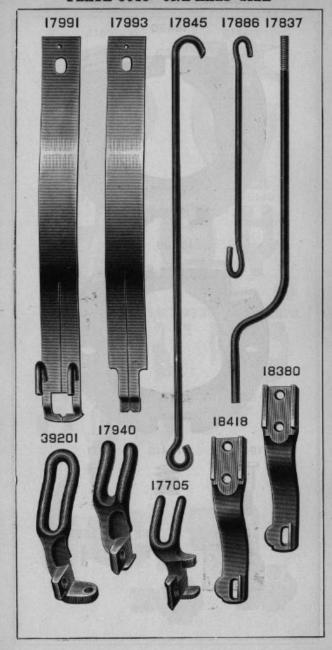


PLATE 5020—FULL SIZE

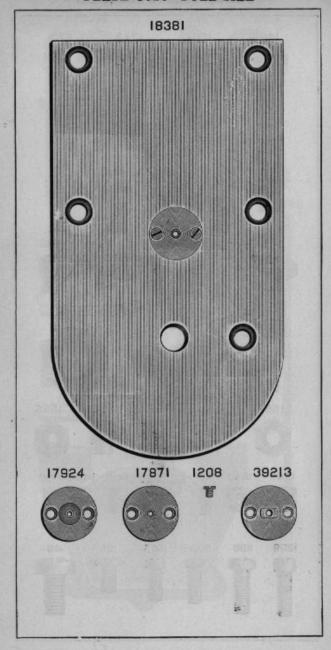


PLATE 5021-FULL SIZE

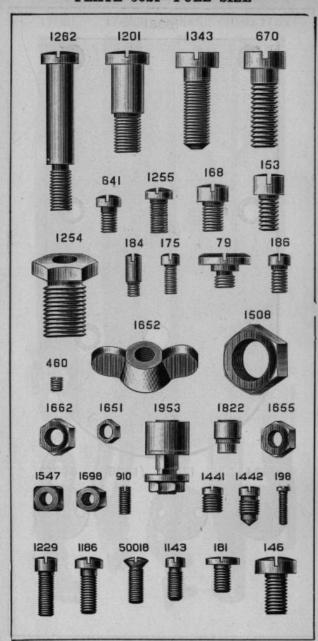


PLATE 5022-ONE-FOURTH SIZE

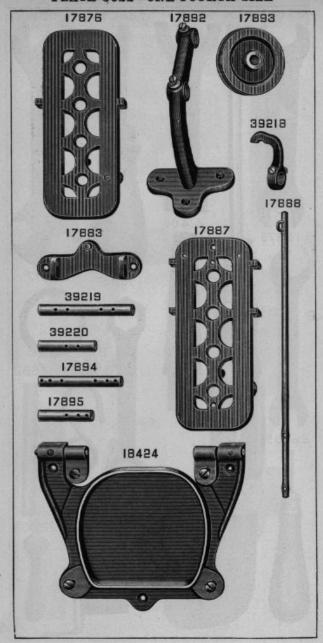


PLATE 5023-ONE-HALF SIZE 27662 11831 39205 4879 4882 mannani.

PLATE 5024-ONE-HALF SIZE

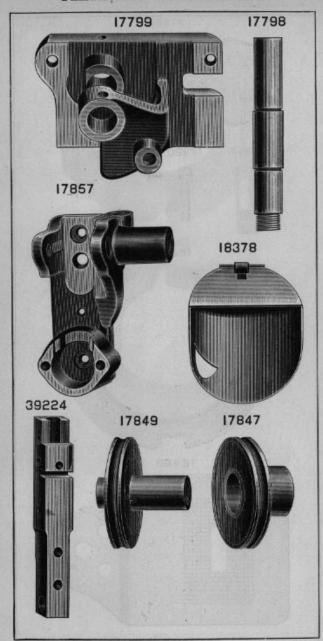


PLATE 5025-FULL SIZE

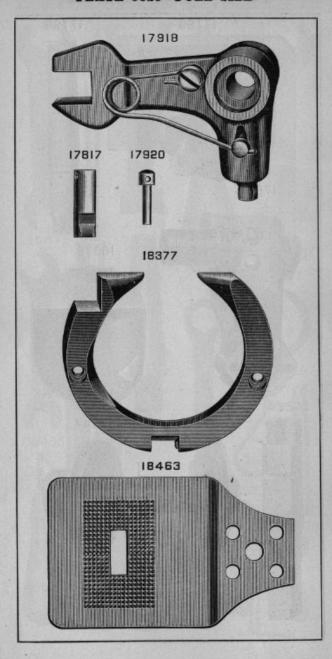
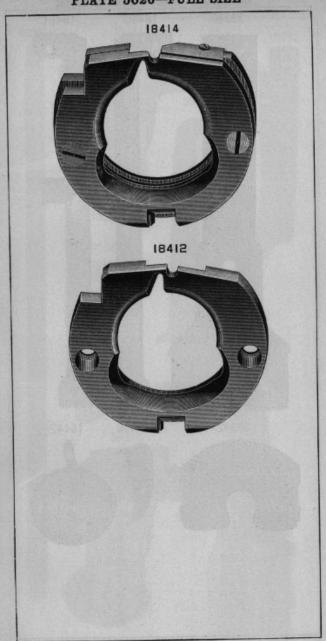


PLATE 5026-FULL SIZE



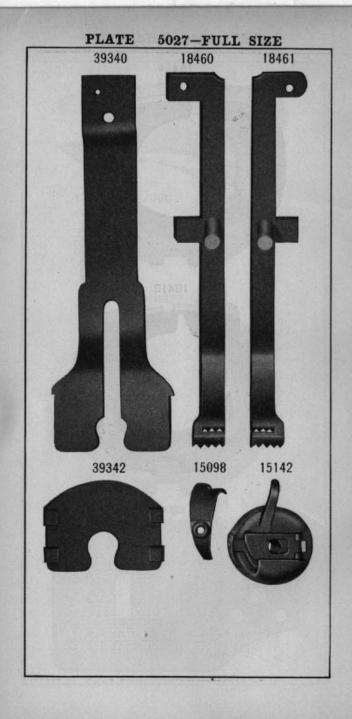


PLATE 5028-ONE-HALF SIZE

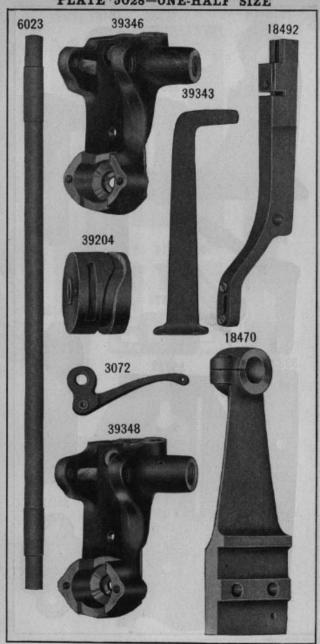


PLATE 5029-ONE-HALF SIZE 0.

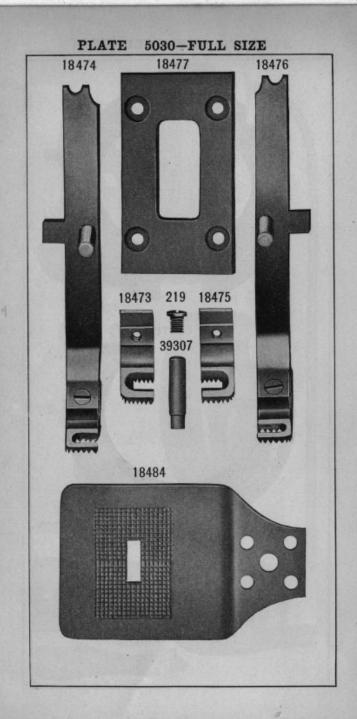


PLATE 5032-FULL SIZE

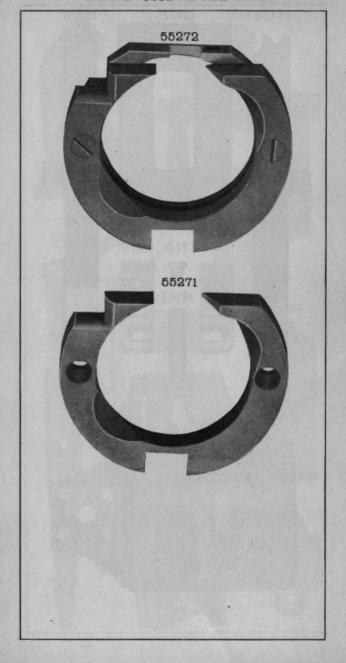


PLATE 5041-ONE-HALF SIZE

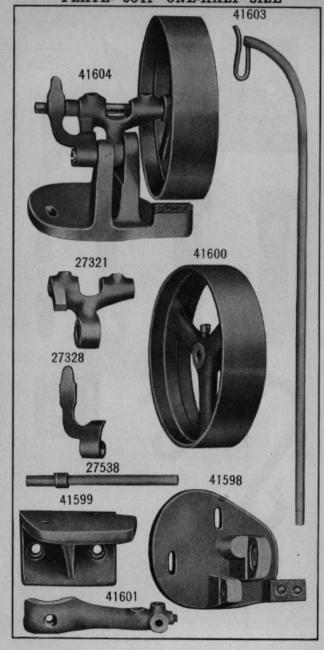
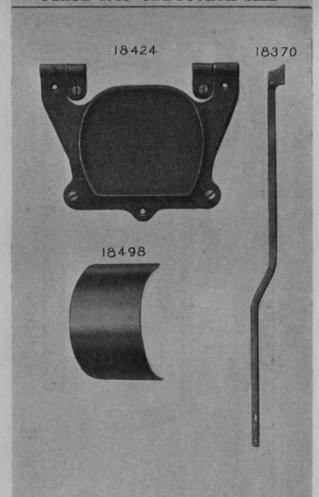
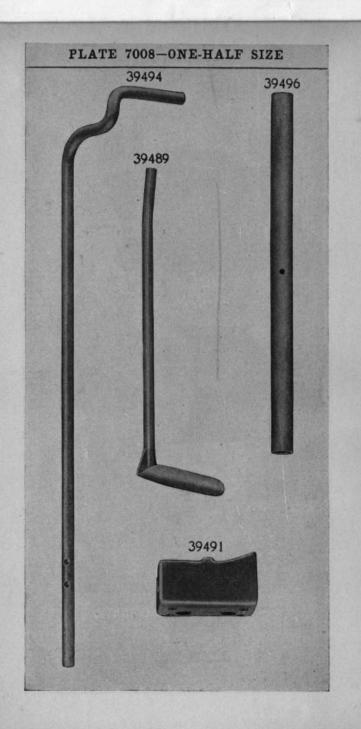
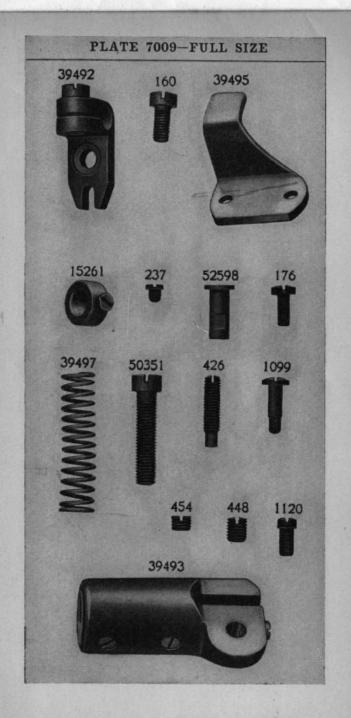


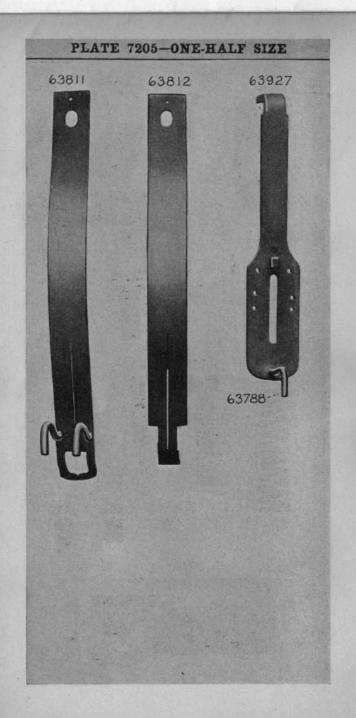
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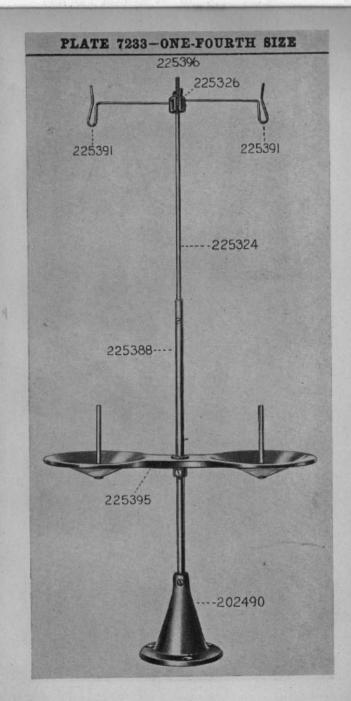
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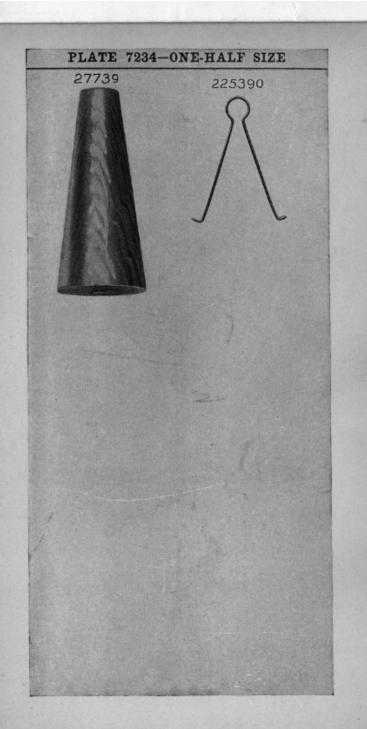












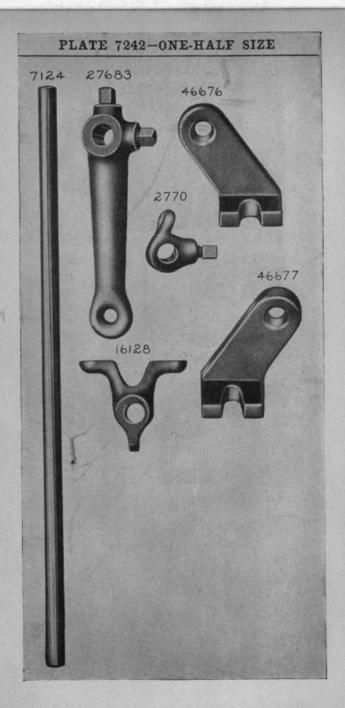


PLATE 8582-FULL SIZE 55392 63726 27849 32675

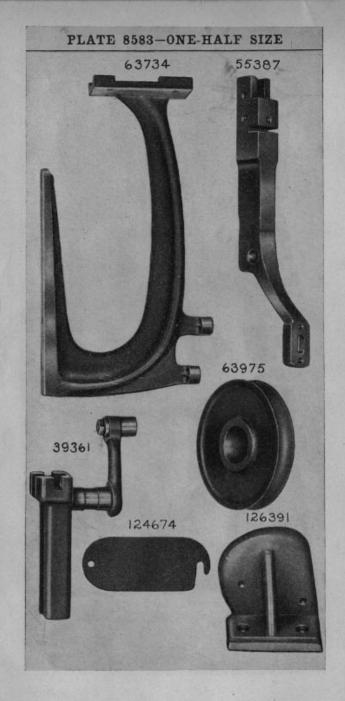


PLATE 8584-FULL SIZE 55381 55383 50598 55382 62739 50682 145 1057 201696 1819 201018 200383 76 226 208 50117 42639 1524 225393

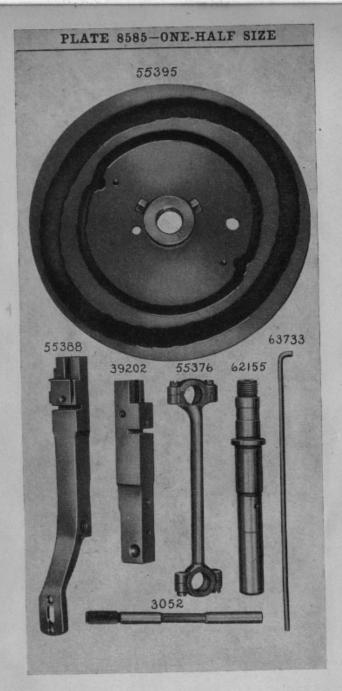


PLATE 8586-FULL SIZE

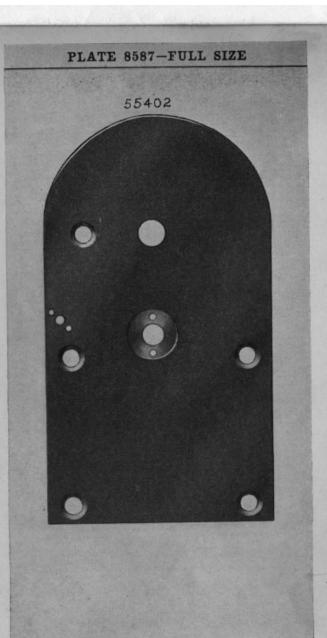


PLATE 8588-FULL SIZE

