# Singer 71-107

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# LIST of PARTS



**MACHINE No. 71-107** 

THE SINGER MANUFACTURING COMPANY

## INDEX

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# Instructions for Ordering

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

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

Every combination of parts sent out has its specific number which, although not stamped on Parts (except in above cases) 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 and Plated.
- B. Polished and Plated.
- C. Hardened only.
- D. Polished only.
- E. Soft, not polished.
- F. Hardened and Polished.
- H. Blued
- J. Nickel Plated only.
- R. Merlized.
- Y. Black Nickel Plated only.

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

1 to 1500, 50001 to 51500, 200001 to 201500 and 350001 to 351500 are Screw Numbers.

1501 to 1800, 51501 to 51800, 201501 to 201800 and 351501 to 351800 are Nut Numbers.

1801 to 2000, 51801 to 52000, 201801 to 202000 and 351801 to 352000 are Roller Numbers.

2001 to 50000, 52001 to 200000 and 202001 to 350000 are Numbers of Machine Parts.

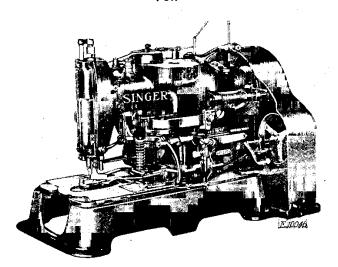
The figures in the second column refer only to the plate in which the illustration of the part is shown and are NOT TO BE USED in ordering.

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

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

#### LIST OF PARTS COMPLETE

FOR



# **MACHINE No. 71-107**

Makes Purl Stitch Buttonholes with square barred ends. Positive Feed. Knives from  $\frac{3}{4}$  to  $1\frac{1}{2}$  in. long. Cuts both threads and the hole after stitching

		· · · · · · · · · · · · · · · · · · ·
No.	Plate	Name
*249601		Arm with 24081
8582	14985	" Dowel Pin (2)
748E	4025	" Screw (back) (2)
868E	4025	" " (front) (2)
249602	15025	" Shaft -
*24081		" " Bushing (front)
202260		" " Oil Packing (wick)
		(2)
200502в	14985	Arm Shaft Bushing Oil Packing Thumb Screw (2)
249622	15025	Arm Shaft Flanged Bushing (back)
435c	14985	
		Set Screw

No.	Plate	Name
1069 D	4025	Arm Shaft Screw
39620	15025	" Side Cover
190 <sub>D</sub>	14985	" " Screw
249604	15025	" Top Cover (left)
249605	15025	" " (right)
190m	14985	" " " Screw
249606	15024	Barring Lever
1478c	14982	" " Hinge Screw
249607	14982	" "Spring
1330c	14982	" " Screw Stud
249954	15023	" Plate (2)
$350229 \mathrm{E}$	14982	" " Screw (2)
249610	14982	" Point
191c	14982	" " Screw
249611	14982	" Shaft with 452c
201713c	14982	" " Adjusting Lock Nut (2)
249612	14982	" " Guard
208D	4083	" " Screw (2)
249613	14982	" Slide
249740	14982	" " Operating Plate (adjust-
		able)
223D	4008	Barring Slide Operating Plate (adjustable) Screw
350253c	14982	Barring Slide Operating Plate Adjusting Screw
1607E	14982	Barring Slide Operating Plate Adjusting Screw Nut
249614	14982	Barring Slide Operating Plate (stationary)
22 <b>8</b> D	14982	Barring Slide Operating Plate (stationary) Screw (2)
249615	14982	Barring Slide Operating Rod
249616	14982	". " " Stud
249619	14982	" " Stop
704E	14982	" " Attaching Screw
898c		" " Screw (adjust-
		able)
452c	4025	Barring Slide Stop Screw (adjustable) Set Screw
*249620		Bed
249894	15032	" Oil Guard with 249883
249883	14985	" " Oil Tube (brass)
1235F	15023	" " Screw (2)
249853	14985	Belt Shifter with 350287c
249854	14985	" " Operating Collar with
		350329c
350329c		Belt Shifter Operating Collar Set Screw

No.	Plate	. Name
249855	14985	Belt Shifter Operating Rod
350287c	14985	Set
		Screw
350287c	14985	Belt Shifter Set Screw
249856	15024	" " Shaft
249857	15024	" " Bracket
350288c	14985	" " " Hinge Screw
249858	15024	" " " Extension
		with 51047E
51047E	14985	Belt Shifter Shaft Bracket Exten-
		sion Pinch Screw
158E	4024	Belt Shifter Shaft Bracket Exten-
		sion Screw
23554	15001	Belt Shifter Shaft Bracket Spring
350338E	15001	14 15 14 14 14
		Screw Stud (lower)
350339E	15001	Belt Shifter Shaft Bracket Spring
		Screw Stud (upper)
249860	14985	Belt Shifter Shaft Bracket Stop
191c	14982	
		Screw
249861	14985	Belt Shifter Shaft Guide Collar with
		237F
2269	14978	Belt Shifter Shaft Guide Collar Posi-
		tion Pin
$237_{\mathbf{F}}$	15023	Belt Shifter Shaft Guide Collar Set
	-	Screw
249862	14985	Belt Shifter Shaft Spring
39882		" Stop Washer (rawhide)
249863	14985	" " Trip Point
756E	14985	" " Screw
249864	14985	" " Stud
161 <sub>D</sub>	14985	Bobbin Winder Base Screw (2)
39539¥	15025	Clamp Arm
625г	15023	" " Adjusting Screw (2)
1547л	15023	" " Nut (2)
249955	15033	" " Bracket with 196F
40003y	14987	
219г	4008	" " Guide (left)
2201	2000	(2) " " " Screw
40004Y	14987	<b>a</b>
217г	4025	Clamp Arm Bracket Guide (right)
-11F	3020	
191c	14982	Screw (2)
39541	14987	Clamp Arm Bracket Screw (3)
249956	15033	" Washer (3)
23380	15034	Hinge Block
23360 196F	15034	" Pin
1201	1904	" "Set
		Screw

No.	Plate	Name
4020	15034	Clamp Arm Screw (3) " Carrier
249957	15033	" " Block with 40007 and
40006	14987	
4000	44000	four 404D
40007	14987	Clamp Carrier Block Plate
404D	15034	Screw
23384	15034	Connecting Rou
52c	15034	ninge
		Screw
249958	15027	Clamp Carrier Guard
244D	15023	Screw
39591	14987	" Guide (left)
756 D	14985	" " " Screw
	_	(long) (2)
1345D	14987	Clamp Carrier Guide (left) Screw (short)
39645	15034	Clamp Carrier Guide (right)
1230F	15034	" " " Screw (2)
249959	15025	" " Plate
1231F	15034	" " Screw (back) (2)
404p	15034	". " " (front) (2)
249960	15025	" Regulator with 240D,
		1960 and 39583
<b>1232</b> c	15034	Clamp Carrier Regulator Hinge Screw
1960	15034	Clamp Carrier Regulator Roller and Screw Stud with 1520j
1520л	14987	Clamp Carrier Regulator Roller and Screw Stud Nut.
249895		Clamp Carrier Regulator Slide
350076c	14987	Stud (to reg-
		ulate length of buttonhole)
1671c	15023	Clamp Carrier Regulator Stud Nut
39532	15023	Sieeve
39583	14987	" " " Stop
24000	14987	· · · · · · · · · · · · · · · · · · ·
00500	+ 5000	Screw
39720	15032	Clamp Carrier Slide with 13450, 39591 and two 7560
23392	4008	Clamp Carrier Slide Guide (left)
23393	4008	" " " (right)
914F	4008	" " " Screw (4)
249625	15024	" " Lever with 1960
23395	14987	" " " Regulator
23396	4008	
		Cap
223.D	4008	Clamp Carrier Slide Lever Regu-
	2000	lator Cap Screw (4)

No.	Plate	Name
67D	4008	Clamp Carrier Slide Lever Regulator Screw
1960	15034	Clamp Carrier Slide Lever Roller
1520л	14987	and Screw Stud with 1520j Clamp Carrier Slide Lever Roller
7278	4008	and Screw Stud Nut Clamp Carrier Slide Lever Socket Joint
1234c	4008	Clamp Carrier Slide Regulating Stud
23397	4008	Clamp Carrier Slide Regulating Stud Bushing
1658c	4008	Clamp Carrier Slide Regulating Stud Bushing Thumb Nut
$1256_{ m D}$	4008	Clamp Carrier Slide Screw (2)
249986	15034	
249900	19034	" Check with 249987, two each
		237F and 1348E, for $\frac{3}{4}$ to $1\frac{1}{2}$ in. buttonholes
1297c	15034	Clamp Check Screw (2)
249987	15034	" " Section and Cutting
		Plate Section and Cutting
237F	15023	Clamp Check Section and Cutting Plate Screw (2)
1348E	15034	Clamp Check Section and Cutting Plate Support Stud
249988		
-10000	_	Clamp Check complete, for 3 to 13
	-	in. buttonholes, Nos. 219F, 232105,
		249827, 249828, 249976, 249977 and 249986
39724Y	15032	Clamp Lifting Arm
249759	15034	" " Connection
		(lower section)
249865	15034	Clamp Lifting Arm Connection
• • • • • • • • • • • • • • • • • • • •		(upper section)
249866		Clamp Lifting Arm Connection
		complete, Nos. 704c, 23390, 249759 and 249865
41c	15034	01
410	10034	Clamp Lifting Arm Connection Hinge Screw
1520л	14987	Clamp Lifting Arm Connection Hinge Screw Nut
249867	15034	C11 - 7 4444
	10004	Clamp Lifting Arm Connection Lock
940F	14998	Clamp Lifting Arm Connection
		Lock Hinge Screw
232065	15034	Clamp Lifting Arm Connection
901005		Lock Spring
$201295_{\rm E}$	15034	Clamp Lifting Arm Connection
		Lock Spring Screw Stud

No.	Plate	Name
249963	15033	Clamp Lifting Arm Connection
		Lock Stop Plate
194c	15035	Clamp Lifting Arm Connection Lock Stop Plate Support Stud
249760	15033	Clamp Lifting Arm Connection
690D	15035	Lock Trip Lever with 690D Clamp Lifting Arm Connection
		Lock Trip Lever Pinch Screw
1901	15035	Clamp Lifting Arm Connection Roller and Screw Stud with 229p and 12424
40016Y	15025	Clamp Lifting Arm Connection
		Roller and Screw Stud Bracket
157r	15028	Clamp Lifting Arm Connection Roller and Screw Stud Bracket Screw
39541	14987	Clamp Lifting Arm Connection Roller and Screw Stud Bracket Screw Washer
229D	15026	Clamp Lifting Arm Connection
		Roller Cap Screw
12424	15028	Clamp Lifting Arm Connection Roller Cap Screw Washer
704c	14982	Clamp Lifting Arm Connection Screw
23390	15028	Clamp Lifting Arm Connection Screw Washer
199n	15035	Clamp Lifting Arm Screw (2)
40020¥	15025	" Plate
1235F	15023	" " Screw (4)
249964	15027	" " Support
402D	15034	" " Screw (2)
23574	15024	" Post
1659c	15023	" Pressure Regulating Thumb
		Nut
39514	15023	Clamp Spring
23693 <del>Y</del>	15023	" " Bushing
1294c	15023	" " Position Stud
1550j	15023	" " " " Nut
24028	15024	Crank Connecting Rod with 24085 and two 896E
*24085		Crank Connecting Rod Cap
896E	4025	" " " Screw
908c	4025	" " Hinge Screw
1619E	4025	iiiige selew
		Nut
249631	15025	Face Plate
217F	4025	" " Screw (lower)
	14985	

No.	Plate	. Name
249846	15024	Feed Driving Gear with two 448c
249965	15024	" " (intermediate)
Z43303	19021	with two 457E
249966	15027	Feed Driving Gear (intermediate)
240000	10021	(large), for stud
249967	15027	Feed Driving Gear (intermediate)
243301	15021	(small), for stud
249968	15027	Feed Driving Gear (intermediate).
449900	15021	for swing bracket
249969	15027	Feed Driving Gear (intermediate)
440000	10021	Bracket
249904	15027	Feed Driving Gear (intermediate)
243304	13021	Bracket Position Lever
1178D	14987	Feed Driving Gear (intermediate)
11100	14901	Bracket Position Lever Clamping
		Screw
249970	15027	Feed Driving Gear (intermediate)
243310	13041	Pinion Shaft
249745	15023	Feed Driving Gear (intermediate)
240140	10020	Pinion Shaft Collar with two 458c
458c	14987	Feed Driving Gear (intermediate)
4900	14501	Pinion Shaft Collar Set Screw
249849	15023	Feed Driving Gear (intermediate)
210010	1.0020	Pinion Shaft Eccentric Bushing
249844	14987	Feed Driving Gear (intermediate)
210011	14001	Pinion Shaft Eccentric Bushing
		Position Plate
161D	14985	Feed Driving Gear (intermediate)
10115	11000	Pinion Shaft Eccentric Bushing
		Position Plate Screw
232719	14987	Feed Driving Gear (intermediate)
202110	11001	Position Pin
457E	14987	Feed Driving Gear (intermediate)
2012	11001	Set Screw
249971	15023	Feed Driving Gear (intermediate)
210012	20020	Stud
249972	15027	Feed Driving Gear (intermediate)
		Swing Bracket
350310D	15023	Feed Driving Gear (intermediate)
		Swing Bracket Screw
232131	14987	Feed Driving Gear (intermediate)
	-100.	Swing Bracket Screw Washer
40025	14987	Feed Driving Gear Position Pin
448c		" " Set Screw
249905	15027	" Hand Ratchet Lever
249906	15027	" " " Extension
• • •		Handle
160n	15037	Feed Hand Ratchet Lever Exten-
20011		sion Handle Screw

No.	Plate	Name
249907	15037	Feed Hand Ratchet Lever Pawl with 232382
90D	14987	Feed Hand Ratchet Lever Pawl
250058	15037	Hinge Screw Feed Hand Ratchet Lever Pawl
232382	15037	Spring Feed Hand Ratchet Lever Pawl
1449н	15037	Spring Pin Feed Hand Ratchet Lever Pawl
040044		Spring Screw
249914		Feed Hand Ratchet Lever complete,
	,	Nos. 90D, 160H, 1449H, 249905 to 249907 and 250058
249913		Feed Hand Ratchet Device com-
_10010		plete, Nos. 95c, 158E 646F, 50416c,
		201721c, 249904, 249909 to 249912.
		249914, 249922, 249923, 250444,
		350329c, 350337c and two 99c
39924	15023	Feed Hand Ratchet Wheel with 460c
3012	15023	" " " Pin
460c	15023	" " " Set Screw
249973	15025	" Wheel with 249641 and two 220D (240 stitches, 6 bar)
201668E	15023	Feed Wheel Clamping Nut
249639	15025	" " Shaft
457c	14987	" " Oil Hole Plug
		Screw
249640	15027	Feed Wheel Tripping Lever
350237c	15026	" " " " Hinge
		Screw
1620E	15026	Feed Wheel Tripping Lever Hinge Screw Nut
249868	15026	Feed Wheel Tripping Lever Point
203c	15026	66 66 56 66 66
		Screw (2)
646F	15001	Feed Wheel Tripping Lever Screw Stud
250444	15037	Feed Wheel Tripping Lever Screw Stud Washer
23435	15026	Feed Wheel Tripping Lever Spring
$190 \mathrm{D}$	14985	" " " " "
		Screw
184E	150:26	Feed Wheel Tripping Lever Stop Screw
249641	15026	Feed Wheel Tripping Point
220 D	15026	" " Screw
249642	15027	Intermittent Feed Wheel with two 350249E

No.	Plate	Name
249887	15027	Intermittent Feed Wheel Driving
		Bevel Gear with two 1143E
249644	15029	Intermittent Feed Wheel Driving
		Bevel Gear Bracket
1396E	15026	Intermittent Feed Wheel Driving
1000E	10020	Bevel Gear Bracket Screw (2)
350230c	15026	Intermittent Feed Wheel Driving
0002000	10020	Bevel Gear Cap Screw
249645	15029	Intermittent Feed Wheel Driving
		Bevel Pinion with two 453c
40025	14987	Intermittent Feed Wheel Driving
		Bevel Pinion Position Pin
<b>453</b> c	15026	Intermittent Feed Wheel Driving
		Bevel Pinion Set Screw
201891	15026	Intermittent Feed Wheel Driving
		Roller
201996		Intermittent Feed Wheel Driving
		Roller 201891 with 229D, 23389
		and 249888 (2)
$229_{D}$	15026	Intermittent Feed Wheel Driving
		Roller Cap Screw
23389	15026	Intermittent Feed Wheel Driving
		Roller Cap Screw Washer
249888	15026	Intermittent Feed Wheel Driving
-11000	20040	Roller Stud
1143E	15026	
TIADE	19470	Intermittent Feed Wheel Driving
12546	15026	Roller Stud Set Screw
12070		Intermittent Feed Wheel Position
350249E	15026	
0002406	10020	Intermittent Feed Wheel Position Screw
040040		
249646	15029	Intermittent Feed Wheel Shaft
249738	15026	" " " " Collar
23451		Knife, 4 inch
23452		" 🔢 inch
23453		" ½ inch
23454		" ╂ inch
23455		" 1 inch
23456	15026	" 116 inch
23457		" 11 inch
23458		" 13 inch
23459		" 1½ inch
39555		" 1 15 inch
39556		" 1§ inch
39557		" $1_{16}^{5}$ inch
39558		" 1½ inch
23460	15029	" Bar
23461	15026	" " Connecting Link

No.	Plate	Name
1239D	15026	Knife Bar Connecting Link Hinge
		Cap Screw
1240c	15026	Knife Bar Connecting Link Hinge Screw
23462	15026	Knife Bar Connecting Stud with 1319F
1319F	15026	Knife Bar Connecting Stud Clamping Screw
249656	15029	Knife Bar Disengaging Lever with 1242E
249657	15029	Knife Bar Disengaging Lever Catch with 1963
249658	15029	Knife Bar Disengaging Lever Catch Bracket with 1242E and 238089
238089	<b>15</b> 026	Knife Bar Disengaging Lever Catch Bracket Position Pin
<b>50416</b> c	15026	Knife Bar Disengaging Lever Catch Hinge Screw
1547ј	15023	Knife Bar Disengaging Lever Catch Hinge Screw Nut
1963	15026	Knife Bar Disengaging Lever Catch Roller and Stud
249659	15026	Knife Bar Disengaging Lever Catch Spring
1241E	15026	Knife Bar Disengaging Lever Catch Spring Screw Stud
23466	15026	Knife Bar Disengaging Lever Catch Tripping Point
249869	15029	Knife Bar Disengaging Lever Catch Tripping Point Collar with 175z, 756z, 23466, 249863 and two 448c
448c	14987	Knife Bar Disengaging Lever Catch Tripping Point Collar Set Screw
175E	15026	Knife Bar Disengaging Lever Catch Tripping Point Screw
<b>9</b> 0c	14987	=
1242E	15026	Knife Bar Disengaging Lever Screw Stud
249660	15026	Knife Bar Disengaging Lever Spring
1242E	15026	
		Screw
249661	15025	Knife Bar Driving Lever
350281c	15028	" " " Hinge Screw
1428c	15026	Knife Bar Driving Lever Screw Stud
1520л	14987	" " " " " " "
		Nut

#### Parts for Machine No. 71-107

No.	Plate	Name
23681	15028	Knife Bar Driving Lever Spring
805c	15028	" " " " " "
		Screw
249662	15025	
210002	10020	Knife Bar Driving Lever (interme-
144p	15028	diate)
1110	10000	Knife Bar Driving Lever (interme-
23471	15029	diate) Cap Screw
201,1	10020	Knife Bar Driving Lever (interme-
54c	15028	diate) Connecting Link Knife Bar Driving Lever (interme-
0.0	10010	
		diate) Connecting Link Hinge Screw
350243c	15028	
000230C	10020	Knife Bar Driving Lever (interme-
201510E	11658	diate) Hinge Screw Stud
LOIGIUE	11099	Knife Bar Driving Lever (interme-
205634	15028	diate) Hinge Screw Stud Nut
200004	. 19020	Barring Hotol (Intelline
1959	· 15028	diate) Hinge Screw Stud Washer
1000	13028	Knife Bar Driving Lever (interme-
		diate) Roller and Screw Stud
	15000	with 229D and 12424
$229_{\mathrm{D}}$	15026	Knife Bar Driving Lever (interme-
12424	15000	diate) Roller Cap Screw
14444	15028	Knife Bar Driving Lever (interme-
249737	15000	diate) Roller Cap Screw Washer
249544	15028	Knife Bar Spring
249545	15028 $15028$	Stop
50615D	15028	" " Retainer Plate
9001910	19028	" Screw
20504	45000	(2)
39534	15029	Knife Holder
1243c	15028	Guide Stud
1608c 157c	15028	" " Nut
157C 1547J	15028	Screw
191 <sub>C</sub>		" Nut
23390	14982	Screw
	15028	wasner
23476	15029 14993	Needle Bar with 904F
20710	14993	Connecting Link with
704	4.04-	794E
794E	14993	Needle Bar Connecting Link Adjust-
1001	4.000	ing Screw
1021E	14993	Needle Bar Connecting Link Cap
20003		Screw
39601	14993	Needle Bar Connecting Stud with
1041	44005	1341c
1341c	14993	Needle Bar Connecting Stud Set
		Screw

2265w-2

No.	Plate	Name
23477	15029	Needle Bar Crank with 858c, 1036c,
		1065c and 1258c
1065c	4025	Needle Bar Crank Position Screw
858c	4025	" " Set Screw
23478	15029	" " Frame with 4784
249666	15029	" " Connection
350254F	14993	" " " Cap Screw
$350251 \mathrm{C}$	15028	" " Hinge
		Screw Needle Ber Frame Driving Gear
249667	14993	Needle Bar Frame Driving Gear
249671	14993	(intermediate) (large) with 235356
249672	14993	Needle Bar Frame Driving Gear
249012	14333	(intermediate) (small)
249669	15029	Needle Bar Frame Driving Gear
24000	10020	(intermediate) Bracket with 1149c
250397	14993	Needle Bar Frame Driving Gear
200001	11000	(intermediate) Bracket Position
		Pin
129E	14993	Needle Bar Frame Driving Gear
		(intermediate) Bracket Screw (2)
201715c	14993	Needle Bar Frame Driving Gear
		(intermediate) Clamping Nut
235356	14993	Needle Bar Frame Driving Gear
		(intermediate) Pin
249670	14993	Needle Bar Frame Driving Gear
	~ .000	(intermediate) Stud Needle Bar Frame Driving Gear
1149C	14993	(intermediate) Stud Set Screw
200068н	14009	Needle Bar Frame Driving Gear
20000011	14330	Screw (2)
23610		Needle Bar Frame Pitman (hinge
20010		screw end)
23609		Needle Bar Frame Pitman (regu-
		lator end)
190p	14985	Needle Bar Frame Pitman Adjust-
		ing Screw
7071	4008	Needle Bar Frame Pitman Adjust-
		ing Screw Washer
23611	14993	
		able) complete, Nos. 23609, 23610,
	- 1000	two each 1900 and 7071 Needle Bar Frame Pitman Hinge
1042c	14993	Screw
. 1545-	15023	
1547л	19023	Screw Nut
249673	14993	
1038c		
10000	11000	Screw

No.	Plate	- Name
1698c	14993	Needle Bar Frame Regulator Adjust-
		ing Screw Nut
7070	15035	Needle Bar Frame Regulator Adjust- ing Screw Sleeve
39504	15028	Needle Bar Frame Regulator Adjust-
040400	****	ing Screw Washer
249668	15028	Needle Bar Frame Regulator Hinge Stud
<b>446</b> C	4025	Needle Bar Frame Regulator Hinge
		Stud Set Screw
673F	15030	Needle Bar Frame Screw Center
1517J		" " " " " Nut
249985	15033	" Plate
404x	15034	" " Screw (2)
904F	15030	" Set Screw
249674	15031	" Vibrating Gear with two
	•	350249E
12546	15026	Needle Vibrating Gear Position Pin
$350249_{\rm E}$	15026	" " Screw
39653	15031	Oscillating Rock Shaft
23494	15031	" " Hinge Pin
		with 23421
23421		Oscillating Rock Shaft Hinge Pin
	•	Oil Hole Plug (leather)
448c	14987	Oscillating Rock Shaft Hinge Pin
	_	Set Screw
39654		Oscillating Rock Shaft complete,
		Nos. 4784, 23494 and 39653
4784		Oscillating Rock Shaft Oil Pad
39655	15031	" Shaft
39656	4023	" " Bushing (back)
24047	15031	" " (front)
249809	15030	" " " Oil Tube
		(brass)
39657	15030	Oscillating Shaft Crank
1253c	4023	" " Set Screw
39658	4023	Oscillating Shaft Crank complete,
		Nos. 1636E, 24050, 39657 and two 1253c
19448	15030	Oscillating Shaft Crank Slide Block
226D	15030	" " " " " "
70101		Cap Screw
12424	15028	Oscillating Shaft Crank Slide Block Cap Screw Washer
1035c	15030	Oscillating Shaft Crank Slide Block
		Screw Stud
1636E	15030	Oscillating Shaft Crank Slide Block Screw Stud Nut

	raru	TOP Machine No. 11-101			raits	TOT MIDDINGS TOTAL TOTAL
No.	Plate	Name		No.	Plate	Name
24050		Oscillating Shaft Crank Slide Block		23505	14995	Shuttle Driver with 462c
		complete, Nos. 226D, 1035c, 12424		2269	14978	" " Pin
•		and 19448		462c	14978	" Set Screw
*249890		Pulley (loose) with 200584D		39969	14978	" Race Back
249891	15031	" " Ball Bearing		2532	14978	" " Position Pin
249892	15031	" " Bushing		2533	14995	" " Spring .
200584D	15030	" Grease Retaining Screw		907E	15030	" " " Screw
249893		Pulley (loose, ball bearing) com-		39979		" " Body
		plete, Nos. 249890 to 249892		39980	14995	" " " 39979 with 7326,
249702	15031	Pulley (tight) with 454c				249546, two each 391J and 662D
40025	14987	" " Pin (2)		39982	14978	Shuttle Race complete, Nos. 907E,
454c	15030	" " Set Screw		00002	-1010	2533, 39969, 39980 and two 2532
249763	15033	Sewing Safety Lock		7326	14978	Shuttle Race Cap
59p	15035	" " Hinge Screw		662D		" " Screw
249731	15033	" " Pitman (front		002D 145F	14995	" " Screw
210.02	10000	section)		140F 591F	14978	" Tension Regulating Screw
940729	15022	·			15030	" " Spring
249732	15033			23680 249703	15030	Starting Lever
203E	15026	section)			15032	" " Adjusting Screw
249764	13020	Sewing Safety Lock Pitman Screw		1520j		" " " Nut
249104		Sewing Safety Lock Pitman com-		249704	15031	" " Bracket
		plete, Nos. 249731, 249732 and two 203E		8582	14985	" " Dowel Pin (2)
					15030	" " Screw
350235D	15035	Sewing Safety Lock Pitman Hinge		23511	14992	" " Rod
		Screw (back)			15030	" " Hinge Screw
766D	15035	Sewing Safety Lock Pitman Hinge			15030	" " Screw Center
00500		Screw (front)		58384	10000	" " " 564c
23500	14995	Shuttle Bobbin	,	90004		with 1508E (2)
249919	15030	" Case Hinge, Nos. 2974,	and the second	4500		
		15140 and 249920		15081		Starting Lever Screw Center Nut " " Spring
15140	14995	Shuttle Bobbin Case Latch		23624	15030	Op. mg
249920	15030	" " " Lever		39675	15030	
2974	14995	14 11 15 64 54				191c
		Fulcrum Pin		1910	14982	Starting Lever Spring Collar Set
2975.	14995	Shuttle Bobbin Case Latch Spring				Screw
592E	14995	" " " " Stop		202005	15030	
		Screw		124	r 15030	
23501	15030	Shuttle Bobbin Case Position Finger		1518	y 4025	" " " Nut
2523	14995	ee it is is is		249675		Stitch Regulating Gear, 18 teeth
		Rivet		249677		" " 20 teeth
249546	14978	Shuttle Bobbin Case Position Plate		249679	15030	
391л	14995	48 44 46 44				: No. 249679 is furnished with machine
		Screw			un	less another Stitch Regulating Gear is
249921	15030	Shuttle Bobbin Case complete, Nos.			spe	ecified on order.
		591F, 592E, 2523, 2975, 23501, 23680		249951	. —	Stitch Regulating Gear, 27 teeth
•		and 249919		249682	-	" " " 30 teeth
23503	14978	Shuttle Body	**	249725	. —	" " " 36 teeth
249918		" 111 in. diam., Nos. 23500,		249727		- " " " 40 teeth
		23503 and 249921		249744		- " " " 45 teeth

No.	Plate	Name	
249952		Stitch Regulating Gear, 54 teeth	
249953		" " 60 teeth	
249923	15027	" " Disengaging	
		Lever	
<b>3</b> 50337c	15037	Stitch Regulating Gear Disengaging	
0.400.00		Lever Hinge Screw	
249909	15037	Stitch Regulating Gear Disengaging Slide	
249910	15037	Stitch Regulating Gear Disengaging Slide Bracket	
158E	4024	Stitch Regulating Gear Disengaging Slide Bracket Screw	
249911	15037	Stitch Regulating Gear Disengaging Slide Bracket Support Washer	
95c	15037	Stitch Regulating Gear Disengaging	
		Slide Operating Screw	
99c	15037	Stitch Regulating Gear Disengaging	
		Slide Screw	
249975	15031	Stitch Regulating Gear Guard	
201721c	15037	" " Guide and	
	20001	Lock Nut	
249739	14996	Stitch Regulating Gear Pin	
249912	15037	" " Spring	
249705	14996	Stop Cam with two 202330	
249706	14992	" " Gear	
249707	14992	" " Guard	
164D	14996	" " Screw (2)	
249708	14992	" " " Stud	
200522c	14996	" " Gear Stud Set Screw	
249741	14992	" Interlocking Rod	
249709	15033	" " Guide	
		with 1070c and 1959	
1070c	14996	Stop Cam Interlocking Rod Guide	
****		Set Screw	
39988		Stop Cam Interlocking Rod Guide Washer (rawhide)	
21651	14996	Stop Cam Interlocking Rod Spring	
913c	14996	" " " " " "	
		Regulating Thumb Screw	
1638E	14996	Stop Cam Interlocking Rod Spring	
		Regulating Thumb Screw Nut	
202330	<u> </u>	Stop Cam Oil Packing (wick)	
249742	14996	" " Spring (wick)	
249711 -	14992	" " Cover	
200108D	14996	" " " Screw (3)	
871c	14996	" " Stop Screw	
249713	14996	" " " Block	
		with 457c	
		•	

No.	Plate	Name
<b>457</b> c	14987	Stop Cam Spring Stop Screw Block Set Screw
249922	15027	Stop Lever
504160	15026	" " Hinge Screw
2102	14997	Tension (side of arm) Disc (2)
1560c	14997	" " " Regulating
10000	11001	Thumb Nut
23519	14997	Tension (side of arm) Releaser with 200F
40033Y	14998	Tension (side of arm) Releaser Arm with 50128E
12538	14997	Tension (side of arm) Releaser Arm Pin
50128E	14997	Tension (side of arm) Releaser Arm Set Screw
40051	15033	Tension (side of arm) Releaser Lever with 641c
40052	14997	Tension (side of arm) Releaser Lever Lock Pin
1352c	14997	Tension (side of arm) Releaser Lever Lock Pin Screw Bushing
40053	14997	Tension (side of arm) Releaser Lever Lock Pin Spring
2117	14997	Tension (side of arm) Releaser Lever Pin
641c	14997	Tension (side of arm) Releaser Lever Set Screw
249880	15032	Tension (side of arm) Releaser Lever Shaft
40067	15032	Tension (side of arm) Releaser Lever Shaft Bracket
966D	4025	Tension (side of arm) Releaser Lever Shaft Bracket Screw (3)
249843	14997	Tension (side of arm) Releaser Lever Spring
1241E	15026	Tension (side of arm) Releaser Lever Spring Screw Stud (2)
717c	15030	Tension (side of arm) Releaser Lever Stop Screw
1520ј	14987	Tension (side of arm) Releaser Lever Stop Screw Nut
1469c	14997	Tension (side of arm) Releaser Lever Stop Screw Stud
200г	15030	Tension (side of arm) Releaser Set Screw
23520	14997	Tension (side of arm) Releaser Shaft
40034Y	14997	

No.	Plate	Name
679c	14997	Tension (side of arm) Releaser
1520л	14987	Shaft Crank Ball Screw Stud Tension (side of arm) Releaser
10200	14901	Tension (side of arm) Releaser Shaft Crank Ball Screw Stud Nut
2269	14978	Tension (side of arm) Releaser
4.0.0		Shaft Crank Pin
1043c 350060c	14997 14997	Tension (side of arm) Screw Stud
2900000	14997	Set Screw
8238	14997	Tension (side of arm) Spring
32012	14998	" (top cover) Disc (2)
$1560_{\mathrm{C}}$	14997	" " Regulating Thumb
0.40.00=		Nut
249685 1387c	14998 14998	Tension (top cover) Releaser
19910	14998	" " " Guide Screw Stud
1521E	14998	Tension (top cover) Releaser Guide
		Screw Stud Nut
249686	14998	Tension (top cover) Releaser Hol-
		der with 201F
99 <b>9</b> F	14998	Tension (top cover) Releaser Hol-
249687	14998	der Hinge Screw Tension (top cover) Releaser Rod
40043	14998	Tension (top cover) Releaser Rod
		Collar with 209c (2)
209c	14998	Tension (top cover) Releaser Rod
0.40000		Collar Set Screw
249800	14998	Tension (top cover) Releaser Rod
201F	14998	Spring Tension (top cover) Releaser Set
	11000	Screw
32572	14998	Tension (top cover) Releasing Disc
39633	14998	" " " Lever
249688	14998	44 44 44 44 44
974г	14998	Connection
0111	11000	Tension (top cover) Releasing Lev- er Connection Screw (back)
940F	14998	Tension (top cover) Releasing Lev-
		er Connection Screw (front)
90F	14987	Tension (top cover) Releasing Lev-
39635	14998	er Hinge Screw
1388c	14998	Tension (top cover) Releasing Pin
1664E	15035	" " " Screw Stud " " " " Nut
2103	14997	" " Spring
39636	14998	" " Thread Eyelet
c		(double)
217ғ	4025	Tension (top cover) Thread Eyelet Screw

No.	Plate	Name
40035	14997	Thread (lower) Cutting Blade
40036	15033	" " " Car-
		rier with 40038
40037	15033	Thread (lower) Cutting Blade Car-
		rier Lever
32c	4025	Thread (lower) Cutting Blade Car-
020	10.20	rier Lever Hinge Screw
249534	15035	Thread (lower) Cutting Blade Car-
242004	19099	rier Lever Spring
1241E	15026	
12416	10020	Thread (lower) Cutting Blade Car-
4950	14005	rier Lever Spring Screw Stud (2)
435c	14985	Thread (lower) Cutting Blade Car-
1500	* ***	rier Lever Stop Screw
1520 <i>J</i>	14987	Thread (lower) Cutting Blade Car-
		rier Lever Stop Screw Nut
40038	14997	Thread (lower) Cutting Blade Car-
		rier Stud
39646	14997	Thread (lower) Cutting Blade Fric-
		tion Plate
228F	14982	Thread (lower) Cutting Blade Fric-
	•	tion Plate Screw (2)
249831	15032	Thread (lower) Cutting Lever
1351c	14997	" " " Ball
		Screw
1520 $ m J$	14987	Thread (lower) Cutting Lever Ball
		Screw Nut
249871	15032	Thread (lower) Cutting Lever Ex-
		tension
350246c	14997	Thread (lower) Cutting Lever Ex-
		tension Hinge Screw
1521E	14998	Thread (lower) Cutting Lever Ex-
		tension Hinge Screw Nut
249916	15001	Thread (lower) Cutting Lever Ex-
	10001	tension Spring
996E	15001	Thread (lower) Cutting Lever Ex-
0001	10001	tension Spring Screw Stud
249845	15001	Thread (lemen) Pall and Thread
106c	15001	Thread (lower) Pull-off Finger
1000	19001	Guide
1350c	15001	Screw
10000	TOOT	Thread (lower) Pull-off Finger
249976	*****	Hinge Screw
	15035	Thread (upper) Clamping Blade
249977	15035	Cutting Blade
249826	15001	" Con-
40044	<b>4 - c</b> - ·	necting Rod
40044	15001	Thread (upper) Cutting Blade Con-
		necting Rod Collar with 237F
2273	15035	Thread (upper) Cutting Blade Con-
		necting Rod Collar Pin

	Parts for machine 140. 71-107			rarts for machine No. / 1-10/			
No.	Plate	Name		No.	Plate	· - Name	
237f	15023	Thread (upper) Cutting Blade Con- necting Rod Collar Set Screw		249979	15035	Thread (upper) Cutting Lock (lower section)	
40045		Thread (upper) Cutting Blade Connecting Rod Collar Washer (raw-		249980	15035	Thread (upper) Cutting Lock (upper section)	
249691	15036	hide) Thread (upper) Cutting Blade Con-		90c	14987	Thread (upper) Cutting Lock Hinge Screw	
249876	15036	necting Rod Latch Thread (upper) Cutting Blade Con- necting Rod Latch Lifting Lever		203E 249981	15026 ——	Thread (upper) Cutting Lock Screw Thread (upper) Cutting Lock com- plete, Nos. 249979, 249980 and two	
350287c	14985	Thread (upper) Cutting Blade Con- necting Rod Latch Lifting Lever Screw		249779	15035	203E Thread (upper) End Cutting Block with 175E (adjustable)	
39541	14987	Thread (upper) Cutting Blade Con- necting Rod Latch Lifting Lever		175E	15026	Thread (upper) End Cutting Block Set Screw	
249917	15001	Screw Washer Thread (upper) Cutting Blade Connecting Rod Latch Spring		249982 249983	15036 15036	Thread (upper) End Cutting Lever " " " " Bracket	
249878	15001	Thread (upper) Cutting Blade Con- necting Rod Latch Stud		690E	15035	Thread (upper) End Cutting Lever Bracket Screw	
1521E	14998	Thread (upper) Cutting Blade Con- necting Rod Latch Stud Nut		50416c	15026	Thread (upper) End Cutting Lever Hinge Screw	
350265c		Thread (upper) Cutting Blade Con- necting Rod Hinge Screw		249882	15036	Thread (upper) End Cutting Lever Link	
23606		Thread (upper) Cutting Blade Con- necting Rod Spring		201431c		Thread (upper) End Cutting Lever Link Hinge Screw (2)	
249978 203E		Thread (upper) Cutting Blade Con- necting Rod Spring Bracket Thread (upper) Cutting Blade Con-		249782	15001	Thread (upper) End Cutting Lever Operating Cam (adjustable) with 249784	
7071		necting Rod Spring Bracket Screw (2)		249783	15001		
	4006	Thread (upper) Cutting Blade Con- necting Rod Spring Bracket Screw Washer (2)		450c	15001	Thread (upper) End Cutting Lever Operating Cam Position Collar	
40047	15001	Thread (upper) Cutting Blade Con- necting Rod Spring Collar with 646F		453c	15026	Position Screw Thread (upper) End Cutting Lever Operating Cam Position Collar	
646F	15001	Thread (upper) Cutting Blade Con- necting Rod Spring Collar Set Screw		249784		Set Screw Thread (upper) End Cutting Lever Operating Cam Position Pin	
219ғ	4008			249785 249786		Thread (upper) End Cutting Lever Operating Cam Spring	
249827 249828	15001 15001	Thread (upper) Cutting Blade Shaft				Thread (upper) End Cutting Lever Operating Lever Thread (upper) End Cutting Lever	
		Crank with 906c				Operating Lever Hinge Screw	
232105		Thread (upper) Cutting Blade Shaft Crank Pin		249787		Thread (upper) End Cutting Lever Spring	
906c	15001	Thread (upper) Cutting Blade Shaft Crank Set Screw		219 <sub>E</sub>	4008	Thread (upper) End Cutting Lever Spring Screw	

No.	Plate	Name
7071	4008	Thread (upper) End Cutting Lever
		Spring Screw Washer
249692	15035	Thread (upper) Guide
227 D	15035	" " Screw (2)
23669	15035	" Guide (side of arm) (lower)
460c	15023	ee ee ee ee ee ee
		Set Screw
39711	15035	Thread Guiding Stud (side of arm)
<b>46</b> 0c	15023	16 66 46 66 66
		Set Screw
39712	15035	Thread Retainer Holder with 462c
1664E	15035	" " " Nut
12400	15035	" " Sleeve
39713	15035	" " Spring
12402	15035	" " Stud
462c	14978	" " Set Screw
39714		Thread Retainer complete, Nos.
		1664E, 12400, 12402, 39712 and
		39713
23523	4023	Thread Take-up Crank
1036c	4023	" " Position Screw
1258c	4023	" " Set Screw
23524	4023	" " Lever
12166	4023	" " Hinge Pin
23543	4023	" " Link
249915	15001	" " " Hinge Pin
		with 222598
222598		Thread Take-up Lever Link Hinge
		Pin Oil Packing (wick)
435c	14985	Thread Take-up Lever Link Hinge
		Pin Set Screw
4784		Thread Take-up Lever Oil Pad
23525		Thread Take-up Lever complete, -
		Nos. 12166, 23524 and 23543
39652	15035	Thread Take-up Spring
39950	15035	" " Regulator
		with 350060c
446c	4025	Thread Take-up Spring Regulator
		Set Screw

## ACCESSORIES

No.	Plate	Name
249984	15036	Gauge, for setting length of button-
		hole, with 200137H and 249789
249789	15036	Gauge Chain and Ring
200137н	15037	" " " Screw
23455		Knife, 1 inch
23457		" 1½ inch
23459		" 14 inch
23500	14995	Shuttle Bobbin (5)
249675		Stitch Regulating Gear, 18 teeth
249677		" " 20 teeth
249951		" " 27 teeth
40035	14997	Thread (lower) Cutting Blade
249976	15035	" (upper) Clamping Blade
249977	15035	" " Cutting Blade
71 x 1		Needles, three each, sizes 14 and 16
23527		Drip Pan with two wood screws 1
		in., No. 5, R.H.B.
41401	15007	Machine Rest Pin
120346	4104	Oiler (copper plated) with 120347
120347	4104	" Spout, 9 in. long
11831	15007	Screw Driver (machine) (5 in.
		blade) large
120088		Screw Driver Blade
120090		- " " Handle
26026	15007	" (machine) (small),
		Nos. 120088 and 120090
*250521		Screw Driver Blade
*225483		" " Handle
250522	15007	Screw Driver (for needle set screw)
		complete, Nos. 225483 and 250521
249746	15007	Screw Driver, for Needle Bar Con-
		necting Stud Set Screw
255513		Tweezers
8909	15007	Wrench
10875	15007	4
21654	15007	££
23535	15007	et
249820	15007	"

#### **BOBBIN WINDER**

249714	15008	Base with 27916 and two 28084
15072	4024	Bobbin Position Pin
27916	4024	Brake (leather)
28084	4024	" Rivet

#### Accessories

No.	Plate	Name
249715	15008	Frame
50356D	15037	" Hinge Screw
1620л	15026	" " Nut
249716	15037	
27918	15008	
27538	15008	Spindle with 15072, 27850 and 41828
*27850		" Collar
41828	15028	" "Pin .
249717	15008	Stop Latch
35D	4025	" " Hinge Screw
249696	15008	Tension Bracket with 452c
249697		Tension Bracket complete, Nos.
		1620J, 5989, 10145, 27922, 249693
		and 249696
2455	4024	Tension Disc
1562j	4024	" Regulating Thumb Nut
418D	4024	" Screw Stud
10141	4024	" Spring
10145	4024	" Thread Guide
5989		Tension complete, Nos. 418D, 1562J,
		10141 and two 2455
27922	15008	Thread Eyelet Rod
452c	4025	" " Set Screw
249693	15028	" Leader
1620J	15026	" Lock Nut
249718	15008	
•		1620 <sub>J</sub> , 27538, 27918, 50356 <sub>D</sub> and
		249714 to 249717

#### IRON BASE

249721		Bed Frame with two each 16555, 19398, four each 158E, 24106, six 14010 and four wood screws 14 in., No. 12
24106	4024	Bed Frame Cushion (felt)
158E	4024	" " Screw
19226	4024	" " Hinge Connection
19398		" " 19226 with
		211E and 19397
19397	4024	Bed Frame Hinge Connection Cap
$211_{\rm E}$	4024	" " " " " "
		Screw
16555	4024	Bed Frame Hinge Plate
14010	4024	" " " Rivet

No.	Plate	Name ·				
249722		Splash Guard with 201655j				
39912	4083	" " Hinge				
200574E	11658	" " Screw				
201655J	11658	" Locking Screw Wing				
		Nut				
249723		Bed Frame and Splash Guard com-				
	,	plete, Nos. 249721, 249722, two				
		39912 and eight 200574E				

#### TABLE BELT GUIDES

4047	Guide with two 168E
4025	" Set Screw
4047	" Bracket with 448c
4047	" Pulley
4047	" " Shaft with 858c
4025	" " Oil Hole Plug Screw
14987	" " Set Screw
4047	Table Belt Guide (single, left) com-
	plete, Nos. 14229, 23536, 23538,
	39708 and four wood screws 11
	in., No. 12, R.H.B.
4047	Table Belt Guide (single, right)
	complete, Nos. 14229, 23536, 23538,
	39708 and four wood screws 11
	in., No. 12, R.H.B.
	4025 4047 4047 4047 4025 14987 4047

#### THREAD UNWINDER

225257	14363	Spool Rest (for two spools) (flat)
		with 201018c
150203		Spool Rest Cushion (felt)
225388	14363	" " Rod
200383c	15037	" " Set Screw
201018c	15037	" " Set Screw
202490	14363	" Stand with 200383c
225391	14363	Thread Guide
201696ј	15037	" Lock Nut
225324	14363	" Rod with 208E and
		225322
208E	4083	Thread Guide Rod Screw
225322	15037	" " Washer
225326	15037	" Position Cup
225258	14363	Thread Unwinder complete (for two
		spools), Nos. 201696J, 202490,
		225257, 225324, 225326, 225388,
		two each 150203, 225391 and three
		wood screws 7 in., No. 12
		•

#### Accessories

#### TREADLE

No.	Plate	Name
14368	15032	Treadle
39569	15032	Chain, 45 in. long, with 39575 and 39576 (2)
39570	4047	Chain Guide Bracket
39571	4047	" " Pulley
1064D	4025	" " " Screw
39575	4024	" Hook (lower)
39576	4024	" (upper)
39572	4047	Treadle Chain Guide complete, Nos. 39570, two each 1064p, 39571 and wood screws 1½ in., No. 12, R.H.B. (2)
23551	4024	Treadle Chain Screw Eye (2)
17881	15037	" Shaft
14369	15032	" Stand
14370	15032	Treadle complete, Nos. 14368, 14369, 17881 and two wood screws 1½ in., No. 12 (2)

# **KNIFE GRINDER**

No.	Plate	Name
39886		Emery Wheel, 4 in. diameter
39887	4083	" " Driving Shaft
201510 D	11658	" " " Nut
204101	11658	44 44 44 44
		Washer
39888	4083	Emery Wheel Driving Shaft Oil
		Hole Cover
350068E	15037	Emery Wheel Driving Shaft Oil
		Hole Cover Screw
206963	11658	Emery Wheel Driving Shaft Pulley
_,,,,,		with two 200403c
200403c	11658	Emery Wheel Driving Shaft Pulley
		Set Screw
206969		Emery Wheel Washer (paper)
39889	15032	Knife Grinder Frame
39890	4086	" Holder (adjustable)
57c	4083	" " Hinge Screw
39891	4083	" " Indicator
203094	11658	" " Position Pin
200165н	11658	" " Screw
39892	4086	44 44
0000-	2000	" " Slide Bracket with 200386c
201298c	11658	Knife Holder Slide Bracket Adjust-
	11000	ing Screw
39893	4086	Knife Holder Slide Bracket Adjust-
	1000	ing Screw Slide Plate
200577н	11658	Knife Holder Slide Bracket Adjust-
		ing Screw Slide Plate Screw
10249	4083	Knife Holder Slide Bracket Adjust-
		ing Screw Tension Spring
$219_{\rm F}$	4008	Knife Holder Slide Bracket Adjust-
		ing Screw Tension Spring Screw
200386c	11658	Knife Holder Slide Bracket Set
		Screw Singe Blacket Set
39894	4086	Knife Holder Slide Bracket Shaft
206232	11658	" " " " " "
· <del>-</del>		Collar with 201052c
201052c	11658	Knife Holder Slide Bracket Shaft
		Collar Set Screw
771 <sub>D</sub>	4083	Knife Holder Thumb Screw
9525	4083	**
39895	4083	" " " Washer " Holding Spring
39896	4083	" " Bracket
204264	11658	44 11
		Pin " Position
9907 9		

2265w--3

#### Knife Grinder

No. ·	Plate	Name				
176D	4083	Knife Holding Spring Brack Screw	et			
204264 793D 39897 208D	11658 4083 4083 4083	Knife Holding Spring Position F " " Thumb Scre " Stop (adjustable) " " Screw				
39898		Knife Grinder complete, Nos. 5' 176D, 1208D, 219F, 771D, 793D, 95' 10249, 39886 to 39897, 200166' 201298c, 201510D, 203094, 2041' 206963, 350068e, two each 200577' 204264, 206232, 206969 and thr wood screws 1½ in., No. 12	25, 5н, 01, 7н,			

# **MISCELLANEOUS PARTS**

Used in conjunction with Thread Unwinder

60913	14363	Spool Weight with 60914
60914		" Center Pin
225377	14363	" Wire, for small spools
27739	15007	Thread Cone (wood)

# NUMERICAL LIST OF PARTS

No.	Plate	Name
32c	4025	Thread (lower) Cutting Blade Car rier Lever Hinge Screw
35D	4025	Bobbin Winder Stop Latch Hinge Screw, for 249718
41c	15034	Clamp Lifting Arm Connection Hinge Screw
<b>52</b> c	15034	Clamp Carrier Connecting Rod Hinge Screw
54c	15028	Knife Bar Driving Lever (intermediate) Connecting Link Hinge Screw
57c	4083	Knife Grinder Knife Holder Hinge Screw, for 39898
$59_{ m D}$	15035	Sewing Safety Lock Hinge Screw
61c	15030	Starting Lever Rod Hinge Screw
67.D	4008	Clamp Carrier Slide Lever Regu- lator Screw
90ъ	14987	Feed Hand Ratchet Lever Pawl Hinge Screw, for 249914
<b>90</b> c	14987	Knife Bar Disengaging Lever Hinge Screw
90 <b>F</b>	14987	Tension (top cover) Releasing Lever Hinge Screw
90c	14987	Thread (upper) Cutting Lock Hinge Screw
95c	15037	Stitch Regulating Gear Disengaging Slide Operating Screw, for 249913
99c	15037	Stitch Regulating Gear Disengaging Slide Screw, for 249913
106c	15001	Thread (lower) Pull-off Finger Guide Screw
123E	15030	Starting Lever Bracket Screw
124F	15030	" Stop Screw
129E	14993	Needle Bar Frame Driving Gear (intermediate) Bracket Screw
144D	15028	Knife Bar Driving Lever (intermediate) Cap Screw
145F	14995	Shuttle Race Screw
157г	15028	Clamp Lifting Arm Connection Rol- ler and Screw Stud Bracket Screw
157c	15028	Knife Holder Screw

	141	interical List of Farts				
No.	Plate	Name		No.	Plate	Name
158E		Bed Frame Cushion Screw, for 249721	1	203E	15026	Sewing Safety Lock Pitman Screw. for 249764
158E	4024	Belt Shifter Shaft Bracket Extension Screw		203E	15026	Thread (upper) Cutting Blade Con- necting Rod Spring Bracket Screw
158E	4024	Stitch Regulating Gear Disengaging	•	203E	15026	Thread (upper) Cutting Lock Screw, for 249981
	45005	Slide Bracket Screw, for 249913		208 <sub>D</sub>	4083	Barring Shaft Guard Screw
		Feed Hand Ratchet Lever Extension Handle Screw, for 249914		208E	4083	Thread Unwinder Thread Guide Rod Screw, for 225324
		Bobbin Winder Base Screw		208D	4083	Knife Grinder Knife Stop Screw,
161D	14985	Feed Driving Gear (intermediate) Pinion Shaft Eccentric Bushing		209c		for 39898 Tension (top cover) Releaser Rod
101	1 4000	Position Plate Screw		203C	14330	Collar Set Screw, for 40043
164D 168E	4025	Stop Cam Gear Guard Screw Table Belt Guide Set Screw, for 23536		211E	4024	Bed Frame Hinge Connection Cap Screw, for 19398
175E	15026	Knife Bar Disengaging Lever Catch Tripping Point Screw, for 249869		217 <sub>F</sub>	4025	Clamp Arm Bracket Guide (right) Screw
175-	15000			217г	4025	Face Plate Screw (lower)
119E	19020	Thread (upper) End Cutting Block		217г	4025	Tension (top cover) Thread Eyelet
176D	4083	Set Screw, for 249779 Knife Grinder Knife Holding Spring				Screw
1,00	2000	Bracket Screw, for 39898		219F	4008	Clamp Arm Bracket Guide (left)
184E	15026	Feed Wheel Tripping Lever Stop Screw		219ғ	4008	Screw Knife Grinder Knife Holder Slide
190n	14985	Arm Side Cover Screw				Bracket Adjusting Screw Tension
	14985	" Top Cover (right) Screw				Spring Screw, for 39898
	14985	Face Plate Screw (upper)		$219_{ m F}$	4008	Thread (upper) Cutting Blade
	14985	Feed Wheel Tripping Lever Spring			-	Screw, for 249988
		Screw	,	219E	4008	Thread (upper) End Cutting Lever
190ъ	14985	Needle Bar Frame Pitman Adjust- ing Screw, for 23611		2200	15026	Spring Screw Feed Wheel Tripping Point Screw,
191c	14982	Barring Point Screw		223D	4008	for 249973  Powing Slide Operating Plate (ad-
191c	14982	Belt Shifter Shaft Bracket Stop Screw				Barring Slide Operating Plate (adjustable) Screw
		Clamp Arm Bracket Screw		223D	4008	Clamp Carrier Slide Lever Regu-
		Knife Screw		226p	15030	lator Cap Screw
191c	14982	Starting Lever Spring Collar Set Screw, for 39675		2200	19090	Oscillating Shaft Crank Slide Block Cap Screw, for 24050
104		•		227D	15035	Thread (upper) Guide Screw
		Clamp Lifting Arm Connection Lock Stop Plate Support Stud		228D	14982	Barring Slide Operating Plate (stationary) Screw
196г		Clamp Arm Hinge Block Pin Set Screw, for 249955		228F	14982	Thread (lower) Cutting Blade Fric- tion Plate Screw
	15035	Clamp Lifting Arm Screw		.229D	15096	•
200ғ	15030	Tension (side of arm) Releaser Set Screw, for 23519				Clamp Lifting Arm Connection Rol- ler Cap Screw, for 1901
$201_{ m F}$	14998	Tension (top cover) Releaser Set Screw, for 249686				Intermittent Feed Wheel Driving Roller Cap Screw, for 201996
203c	15026	Feed Wheel Tripping Lever Point		. 229 <sub>D</sub>	15026	Knife Bar Driving Lever (interme-
2000	20020	Screw				diate) Roller Cap Screw, for 1959

No.	Plate	Name
237F	15023	Belt Shifter Shaft Guide Collar Set Screw, for 249861
237ғ	15023	
237ғ	15023	Thread (upper) Cutting Blade Con- necting Rod Collar Set Screw, for 40044
240D	14987	Clamp Carrier Regulator Stud Stop Screw, for 249960
$244  extbf{D}$	15023	Clamp Carrier Guard Screw
391л	14995	
		Screw, for 39980
	15034	Clamp Arm Screw
	15034	" Plate Support Screw
404D	15034	" Carrier Block Plate Screw, for 40006
404D	15034	
	15034	Needle Plate Screw
418D		
1101	1021	for 5989
<b>435</b> c	14985	Arm Shaft Flanged Bushing (back) Set Screw
435c	14985	Thread (lower) Cutting Blade Car- rier Lever Stop Screw
<b>435</b> c	14985	Thread Take-up Lever Link Hinge Pin Set Screw
<b>446</b> c	4025	Needle Bar Frame Regulator Hinge Stud Set Screw
446c	4025	Thread Take-up Spring Regulator Set Screw
448c	14987	Feed Driving Gear Set Screw, for 249846
448c	14987	Knife Bar Disengaging Lever Catch Tripping Point Collar Set Screw,
		for 249869
448c	14987	Oscillating Rock Shaft Hinge Pin
440-	1 400=	Set Screw
448c	14987	Table Belt Guide Pulley Shaft Set Screw, for 14229
450c	15001	Thread (upper) End Cutting Lever
	. •	Operating Cam Position Collar Position Screw, for 249783
452c	4025	
	<b>4040</b>	Barring Slide Stop Screw (adjustable) Set Screw, for 249611
452c	4025	Bobbin Winder Thread Eyelet Rod Set Screw, for 249696
453c	15026	Intermittent Feed Wheel Driving Bevel Pinion Set Screw, for 249645

No.	Plate	Name
453c	15026	Thread (upper) End Cutting Lever Operating Cam Position Collar Set Screw, for 249783
454c	15030	Pulley (tight) Set Screw, for 249702
457E	14987	Feed Driving Gear (intermediate) Set Screw, for 249965
457c	14987	Feed Wheel Shaft Oil Hole Plug Screw
<b>45</b> 7c	14987	Stop Cam Spring Stop Screw Block Set Screw, for 249713
458c	14987	Feed Driving Gear (intermediate) Pinion Shaft Collar Set Screw, for 249745
<b>460</b> c	15023	Feed Hand Ratchet Wheel Set Screw, for 39924
460c	15023	Thread Guide (side of arm) (lower) Set Screw
460c	15023	Thread Guiding Stud (side of arm) Set Screw
462c	14978	Shuttle Driver Set Screw, for 23505
<b>462</b> c	14978	Thread Retainer Stud Set Screw, for 39712
<b>564</b> C	15030	Starting Lever Screw Center, for 58384
591F	14978	Shuttle Tension Regulating Screw, for 249921
592E	14995	Shuttle Bobbin Case Latch Stop Screw, for 249921
625F	15023	Clamp Arm Adjusting Screw
641c	14997	Tension (side of arm) Releaser Lever Set Screw, for 40051
646F	15001	Feed Wheel Tripping Lever Screw Stud, for 249913
646F	15001	Thread (upper) Cutting Blade Con- necting Rod Spring Collar Set Screw, for 40047
662 <sub>D</sub>	14995	Shuttle Race Cap Screw, for 39980
673F	15030	Needle Bar Frame Screw Center
679c	14997	Tension (side of arm) Releaser Shaft Crank Ball Screw Stud
690д	15035	Clamp Lifting Arm Connection Lock Trip Lever Pinch Screw, for 249760
690E	15035	Thread (upper) End Cutting Lever Bracket Screw
704E	14982	Barring Slide Stop Attaching Screw
704c	14982	Clamp Lifting Arm Connection Screw, for 249866

717c 717c		Starting Lever Adjusting Screw
717c	15030	
		Tension (side of arm) Releaser Lever Stop Screw
748E	4025	Arm Screw (back)
75 <b>6</b> E	14985	Belt Shifter Trip Point Screw, for 249869
756D	14985	Clamp Carrier Guide (left) Screw (long), for 39720
766D	15035	Sewing Safety Lock Pitman Hinge Screw (front)
77 <b>1</b> D	4083	Knife Grinder Knife Holder Thumb Screw, for 39898
793 <sub>D</sub>	4083	Knife Grinder Knife Holding Spring Thumb Screw, for 39898
794E	14993	Needle Bar Connecting Link Adjusting Screw, for 23476
805c	15028	Knife Bar Driving Lever Spring Screw
858c	4025	Needle Bar Crank Set Screw, for 23477
858c	4025	Table Belt Guide Pulley Shaft Oil Hole Plug Screw, for 39708
868E	4025	Arm Screw (front)
871c	14996	Stop Cam Spring Stop Screw
896E	4025	Crank Connecting Rod Cap Screw, for 24028
898c		Barring Slide Stop Screw (adjustable)
904F	15030	Needle Set Screw, for 39857
906c	15001	Thread (upper) Cutting Blade Shaft Crank Set Screw, for 249828
907E	15030	Shuttle Race Back Spring Screw, for 39982
908c	4025	Crank Connecting Rod Hinge Screw
913c	14996	Stop Cam Interlocking Rod Spring Regulating Thumb Screw
914F	4008	Clamp Carrier Slide Guide Screw
940F	14998	" Lifting Arm Connection Lock Hinge Screw
940F	14998	Tension (top cover) Releasing Lev- er Connection Screw (front)
966D	4025	Tension (side of arm) Releaser Lever Shaft Bracket Screw
974F	14998	Tension (top cover) Releasing Lev- er Connection Screw (back)
996E	15001	Thread (lower) Cutting Lever Ex- tension Spring Screw Stud
999F	14998	Tension (top cover) Releaser Holder Hinge Screw

#### Numerical List of Parts

No.	Plate	Name
1021E	14993	Needle Bar Connecting Link Cap
		Screw
1035c	15030	Oscillating Shaft Crank Slide Block
•		Screw Stud, for 24050
1036c	4023	Thread Take-up Crank Position
		Screw, for 23477
1038c	14993	Needle Bar Frame Regulator Ad-
1042c	14993	justing Screw Needle Bar Frame Pitman Hinge
10420	14930	Screw .
1043c	14997	Tension (side of arm) Screw Stud
1064D		Treadle Chain Guide Pulley Screw,
		for 39572
1065c	4025	Needle Bar Crank Position Screw,
		for 23477
1069D	4025	Arm Shaft Screw
1070c	14996	Stop Cam Interlocking Rod Guide
		Set Screw, for 249709
1143E	15026	Intermittent Feed Wheel Driving
<b>440</b>	7.4000	Roller Stud Set Screw, for 249887
1149c	14993	Needle Bar Frame Driving Gear
		(intermediate) Stud Set Screw, for 249669
1178D	14987	Feed Driving Gear (intermediate)
11,00	11001	Bracket Position Lever Clamping
		Screw
1230 F	15034	Clamp Carrier Guide (right) Screw
1231F	15034	" " Plate Screw (back)
1232c	15034	" Regulator Hinge Screw
1234c	4008	" " Slide Regulating Stud
1235F		Bed Oil Guard Screw
1235F	15023	Clamp Plate Screw
1239D	15026	Knife Bar Connecting Link Hinge
1240c	15026	Cap Screw Knife Bar Connecting Link Hinge
12100	19020	Screw Connecting Link Hinge
1241E	15026	Knife Bar Disengaging Lever Catch
		Spring Screw Stud
1241E	15026	Tension (side of arm) Releaser
		Lever Spring Screw Stud
1241E	15026	Thread (lower) Cutting Blade Car-
		rier Lever Spring Screw Stud
1242E	15026	Knife Bar Disengaging Lever Screw
4040		Stud, for 249656
1242 <sub>E</sub>	15026	Knife Bar Disengaging Lever Spring
1243c	15028	Screw, for 249658
1253c	4023	Knife Holder Guide Stud Oscillating Shaft Crank Set Screw,
-200C	*0#9	for 39658
		-0- 90000

No.	Plate	Name
1256D	4008	Clamp Carrier Slide Screw
1258c	4023	Thread Take-up Crank Set Screw, for 23477
1294c	15023	Clamp Spring Bushing Position Stud
1297c	15034	" Check Screw
1319F	15026	Knife Bar Connecting Stud Clamping Screw, for 23462
1330c	14982	Barring Lever Spring Screw Stud
1341c	14993	Needle Bar Connecting Stud Set Screw, for 39601
1345D	14987	Clamp Carrier Guide (left) Screw (short), for 39720
1348E	15034	Clamp Check Section and Cutting Plate Support Stud, for 249986
1350c	15001	Thread (lower) Pull-off Finger Hinge Screw
1351c	14997	Thread (lower) Cutting Lever Ball Screw
1352c	14997	Tension (side of arm) Releaser Lever Lock Pin Screw Bushing
1387c	14998	Tension (top cover) Releaser Guide Screw Stud
1388c	14998	Tension (top cover) Screw Stud
1396E	15026	Intermittent Feed Wheel Driving Bevel Gear Bracket Screw
1428c	15026	Knife Bar Driving Lever Screw Stud
1449н	15037	Feed Hand Ratchet Lever Pawl Spring Screw, for 249914
1469c	14997	Tension (side of arm) Releaser Lever Stop Screw Stud
1478c	14982	Barring Lever Hinge Screw
1508E	15030	Starting Lever Screw Center Nut, for 58384
1517л	15030	Needle Bar Frame Screw Center Nut
$1518$ $_{ m J}$	4025	Starting Lever Stop Screw Nut
1520x	14987	Clamp Carrier Regulator Roller and Screw Stud Nut, for 1960
1520л	14987	Clamp Carrier Slide Lever Roller and Screw Stud Nut, for 1960
1520л	14987	Clamp Lifting Arm Connection Hinge Screw Nut
1520л		Knife Bar Driving Lever Screw Stud Nut
1520л	14987	Starting Lever Adjusting Screw Nut
1520ј	14987	Tension (side of arm) Releaser Lever Stop Screw Nut

No.	Plate	Name
1520 <i>J</i>	14987	Tension (side of arm) Releaser Shaft Crank Ball Screw Stud Nut
1520J	14987	Thread (lower) Cutting Blade Car- rier Lever Stop Screw Nut
1520л	14987	Thread (lower) Cutting Lever Ball Screw Nut
1521E	14998	Tension (top cover) Releaser Guide Screw Stud Nut
1521E	14998	Thread (lower) Cutting Lever Ex- tension Hinge Screw Nut
1521E	14998	Thread (upper) Cutting Blade Connecting Rod Latch Stud Nut.
1547j	15023	Clamp Arm Adjusting Screw Nut
1547ј	15023	Knife Bar Disengaging Lever Catch Hinge Screw Nut
1547j	15023	Knife Holder Screw Nut
1547ј	15023	Needle Bar Frame Pitman Hinge Screw Nut
1550ј	15023	Clamp Spring Bushing Position Stud Nut
<b>1560</b> c	14997	Tension (side of arm) Regulating Thumb Nut
<b>1560</b> c	14997	Tension (top cover) Regulating Thumb Nut
1562ј	4024	Bobbin Winder Tension Regulating Thumb Nut, for 5989
1607E	14982	Barring Slide Operating Plate Adjusting Screw Nut
1608c	15028	Knife Holder Guide Stud Nut
1619E	4025	Crank Connecting Rod Hinge Screw Nut
1620E		Feed Wheel Tripping Lever Hinge Screw Nut
. 1620л	15026	Bobbin Winder Frame Hinge Screw Nut, for 249718
1620л	15026	Bobbin Winder Thread Leader Lock Nut, for 249697
1636E	15030	Oscillating Shaft Crank Slide Block Screw Stud Nut, for 39658
1638E	14996	Stop Cam Interlocking Rod Spring Regulating Thumb Screw Nut
1658c	4008	Clamp Carrier Slide Regulating Stud Bushing Thumb Nut
1659c	15023	Clamp Pressure Regulating Thumb Nut
1664E	15035	Tension (top cover) Screw Stud Nut
1664E	15035	Thread Retainer Holder Nut, for 39714

No.	Plate	Name
1671c	15023	Clamp Carrier Regulator Stud Nut
1698c	14993	Needle Bar Frame Regulator Adjusting Screw Nut
1901	15035	Clamp Lifting Arm Connection Rol- ler and Screw Stud with 229p and 12424
1959	15028	Knife Bar Driving Lever (intermediate) Roller and Screw Stud with 2290 and 12424, for 249709
1960	15034	Clamp Carrier Regulator Roller and Screw Stud with 1520J, for 249960
1960	15034	Clamp Carrier Slide Lever Roller and Screw Stud with 15201, for 249625
1963	15026	Knife Bar Disengaging Lever Catch Roller and Stud, for 249657
2102	14997	Tension (side of arm) Disc
2103	14997	" (top cover) Spring
2117	14997	" (side of arm) Releaser Lever
		Pin
2269	14978	Belt Shifter Shaft Guide Collar Position Pin
2269	14978	Shuttle Driver Pin
2269	14978	Tension (side of arm) Releaser Shaft Crank Pin
2273	15035	Thread (upper) Cutting Blade Con- necting Rod Collar Pin
2455	4024	Bobbin Winder Tension Disc, for 5989
2523	14995	Shuttle Bobbin Case Position Finger Rivet, for 249921
2532	14978	Shuttle Race Back Position Pin, for 39982
2533	14995	Shuttle Race Back Spring, for 39982
2974	14995	" Bobbin Case Latch Lever Fúlcrum Pin, for 249919
2975	14995	Shuttle Bobbin Case Latch Spring, for 249921
3012	15023	Feed Hand Ratchet Wheel Pin
4784		Oscillating Rock Shaft Oil Pad, for 39654
4784		Thread Take-up Lever Oil Pad, for 23478
5989		Bobbin Winder Tension complete, Nos. 418D, 1562J, 10141 and two 2455, for 249697
7070	15035	Needle Bar Frame Regulator Adjusting Screw Sleeve

		•
No.	Plate	Name
7071	4008	Needle Bar Frame Pitman Adjust- ing Screw Washer, for 23611
7071	4008	Thread (upper) Cutting Blade Con- necting Rod Spring Bracket Screw Washer
7071	4008	Thread (upper) End Cutting Lever Spring Screw Washer
7278	4008	Clamp Carrier Slide Lever Socket Joint
7326	14978	Shuttle Race Cap, for 39980
8238	14997	Tension (side of arm) Spring
8582	14985	Arm Dowel Pin
8582	14985	Starting Lever Bracket Dowel Pin
8909	15007	Wrench
9525	4083	Knife Grinder Knife Holder Thumb Screw Washer, for 39898
10141	4024	Bobbin Winder Tension Spring, for 5989
10145	4024	Bobbin Winder Tension Thread Guide, for 249697
10249	4083	Knife Grinder Knife Holder Slide Bracket Adjusting Screw Tension Spring, for 39898
10875	15007	Wrench
11831	15007	Screw Driver (machine) (5 in. blade) large
12166	4023	Thread Take-up Lever Hinge Pin, for 23525
12400	15035	Thread Retainer Sleeve, for 39714
12402	15035	" " Stud, for 39714
12424	15028	Clamp Lifting Arm Connection Rol- ler Cap Screw Washer, for 1901
12424	15028	Knife Bar Driving Lever (intermediate) Roller Cap Screw Washer, for 1959
12424	15028	Oscillating Shaft Crank Slide Block Cap Screw Washer, for 24050
12538	14997	Tension (side of arm) Releaser Arm Pin
12546	15026	Intermittent Feed Wheel Position Pin
12546	15026	Needle Vibrating Gear Position Pin
14010	4024	Bed Frame Hinge Plate Rivet, for 249721
14229	4047	Table Belt Guide Bracket with 448c, for 39709 and 39716
14368	15032	Treadle, for 14370
. 14369	15032	" Stand, for 14370

No.	Plate	Name		No.	Plate	Name
14370	15032	Treadle complete, Nos. 14368, 14369,		23466	15026	Knife Bar Disengaging Lever Catch Tripping Point, for 249869
		17881 and two wood screws 14 in., No. 12		23471	15029	Knife Bar Driving Lever (interme-
15072	4024	Bobbin Winder Bobbin Position Pin, for 27538		23476	14993	diate) Connecting Link Needle Bar Connecting Link with
15140	14995	Shuttle Bobbin Case Latch, for				794E
16555	4024	249919  Bed Frame Hinge Plate, for 249721		23477	15029	Needle Bar Crank with 858c, 1036c, 1065c and 1258c
17881	15037	~ /		23478	15029	Needle Bar Frame with 4784
19226		Bed Frame Hinge Connection, for 19398		23494	15031	Oscillating Rock Shaft Hinge Pin with 23421, for 39654
19397	4024	Bed Frame Hinge Connection Cap.		23500	14995	Shuttle Bobbin, for 249918
10200		for 19398		23501	15030	" Case Position Finger,
19398		Bed Frame Hinge Connection 19226		23503	14070	for 249921
10440	15020	with 211E and 19397, for 249721		23505	$14978 \\ 14995$	Shuttle Body, for 249918 " Driver with 462c
19448	19090	Oscillating Shaft Crank Slide Block,		23511	14993	
91.651	14000	for 24050		23511		Starting Lever Rod
21651	14996	Stop Cam Interlocking Rod Spring		20019	14997	Tension (side of arm) Releaser
21654 23380		Wrench				with 200r
23384		Clamp Arm Hinge Block Pin		23520	14997	Tension (side of arm) Releaser
23389	15034	" Carrier Connecting Rod				Shaft
20009	15026	Intermittent Feed Wheel Driving		23523	4023	Thread Take-up Crank
		Roller Cap Screw Washer, for		23524	4023	" " Lever, for 23525
23390	15028	201996 Clamp Lifting Arm Connection		23525		Thread Take-up Lever complete, Nos. 12166, 23524 and 23543
23390	15028	Screw Washer, for 249866 Knife Screw Washer	•.	23527		Drip Pan with two wood screws 1 in., No. 5, R.H.B.
23392	4008	Clamp Carrier Slide Guide (l <u>eft)</u>		23535	15007	Wrench
23393	<b>40</b> 08	" " (right)		23536		Table Belt Guide with two 168E, for
23395 23396	14987 4008	" " Lever Regulator			2027	39709 and 39716
		Cap		23538	4047	Table Belt Guide Pulley, for 39709 and 39716
23397	4008	Clamp Carrier Slide Regulating Stud Bushing		23543	4023	Thread Take-up Lever Link, for 23525
23421	. —	Oscillating Rock Shaft Hinge Pin		23551	4024	Treadle Chain Screw Eye
		Oil Hole Plug (leather), for 23494		23554		Belt Shifter Shaft Bracket Spring
23435	15026	Feed Wheel Tripping Lever Spring		23574		Clamp Post
23451		Knife, 🖁 inch		23606		Thread (upper) Cutting Blade Con-
23452		" 13 inch				necting Rod Spring
23453		" g inch		23609		
23454		" 🔢 inch		23003		Needle Bar Frame Pitman (regu-
23455		" 1 inch		23610		lator end), for 23611
23456	15026	" 1 <sub>16</sub> inch		20010		Needle Bar Frame Pitman (hinge
23457		" 1½ inch		23611	14009	screw end), for 23611
23458		" 1 <sub>18</sub> inch		20011	T#999	Needle Bar Frame Pitman (adjust-
23459		" 1½ inch				able) complete, Nos. 23609, 23610,
23460	15029	" Bar		23624	15030	two each 190p and 7071
23461	15026	" " Connecting Link		23669		
23462	15026	" " Stud with 1319r		20003	T9099	Thread Guide (side of arm) (lower)

Numerical List of Parts

No.	Plate	Name	No.	Plate	Name
23680	15030	Shuttle Tension Spring, for 249921	39569	15032	Treadle Chain, 45 in. long, with
23681	15028				39575 and 39576
$23693\mathbf{Y}$	15023	Clamp Spring Bushing	39570	4047	Treadle Chain Guide Bracket, for
24028		Crank Connecting Rod with 24085			39572
		and two 896c	39571	4047	Treadle Chain Guide Pulley, for
24047	15031	Oscillating Shaft Bushing (front)			39572
24050		Oscillating Shaft Crank Slide Block	39572	4047	Treadle Chain Guide complete, Nos.
		complete, Nos. 226D, 1035c, 12424			39570, two each 1064D, 39571 and
		and 19448, for 39658			wood screws 11 in., No. 12, R.H.B.
*24081		Arm Shaft Bushing (front), for	39575	4024	Treadle Chain Hook (lower), for
		249601			39569
*24085	<del></del>	Crank Connecting Rod Cap, for 24028	39576	4024	Treadle Chain Hook (upper), for 39569
24106	4024	Bed Frame Cushion (felt), for 249721	39583	14987	Clamp Carrier Regulator Stud Stop, for 249960
26026	15007	Screw Driver (machine) (small),	39591	14987	Clamp Carrier Guide (left), for
20020	10001	Nos. 120088 and 120090	30301	21001	397/20
27538	15008	Bobbin Winder Spindle with 15072,	39601	14993	Needle Bar Connecting Stud with
		27850 and 41828, for 249718			1341c
27739	15007	Thread Cone (wood)	39620	15025	Arm Side Cover
*27850		Bobbin Winder Spindle Collar, for	39633	14998	Tension (top cover) Releasing Lever
05010		27538	39635	14998	Pin
27916	4024	Bobbin Winder Brake (leather), for 249714	39636	14998	" " Thread Eyelet (double)
27918	15008	Bobbin Winder Pulley, for 249718	39645	15034	1 crasso (11811)
27922	15008	" "Thread Eyelet Rod, for 249697	39646	14997	Thread (lower) Cutting Blade Fric- tion Plate
28084	4024	Bobbin Winder Brake Rivet, for	39652	15035	Thread Take-up Spring
		249714	39653	15031	Oscillating Rock Shaft, for 39654
32012	14998	Tension (top cover) Disc	39654		Oscillating Rock Shaft complete,
32572	14998	" " Releasing Disc .			Nos. 4784, 23494 and 39653
39504		Needle Bar Frame Regulator Ad-	39655	15031	Oscillating Shaft
		justing Screw Washer	39656	4023	" " Bushing (back)
39514	15023	Clamp Spring	39657	15030	" Crank, for 39658
39532	15023		39658	4023	Oscillating Shaft Crank complete,
39534	15029	" Carrier Regulator Stud Sleeve Knife Holder			Nos. 1636E, 24050, 39657 and two
	15025		20055	15000	1253c
39541	14987	" " Bracket Screw Washer	39675	15030	Starting Lever Spring Collar with
	14987	" Lifting Arm Connection Rol-	20700	40.45	two 191c
		ler and Screw Stud Bracket Screw	39708	4047	and I die bliate with
		Washer	39709	1047	858c, for 39709 and 39716
39541	14987	Thread (upper) Cutting Blade Con-	55103	4047	Table Belt Guide (single, right)
	11001	necting Rod Latch Lifting Lever			complete, Nos. 14229, 23536, 23538,
		Screw Washer		•	39708 and four wood screws 14
39555			39711	15035	in., No. 12, R.H.B.
39556		Knife, 1% inch	39712	15035	" Retainer Holder with (20
39557		" 1§ inch " 1 <sub>78</sub> inch		-5000	" Retainer Holder with 462c, for 39714
39558		" 1½ inch	39713	15035	Thread Retainer Spring, for 39714
		-2 men	2265w—4		39714

		51.1.	
	No.	Plate	Name
	39714		Thread Retainer complete, Nos. 1664E, 12400, 12402, 39712 and 39713
	39716	4047	Table Belt Guide (single, left) complete, Nos. 14229, 23536, 23538, 39708 and four wood screws 1½ in., No. 12, R.H.B.
	39720	<b>15</b> 032	Clamp Carrier Slide with 1345b, 39591 and two 756b
	39724 Y	15032	Clamp Lifting Arm
	39857	15029	Needle Bar with 904r
	39882		Belt Shifter Stop Washer (rawhide)
		Nos.	39886 to 39897, for 39898
	39886	-	Knife Grinder Emery Wheel, 4 in. diameter
	39887	4083	Knife Grinder Emery Wheel Driving Shaft
	39888	4083	Knife Grinder Emery Wheel Driving Shaft Oil Hole Cover
	39889	15032	Knife Grinder Frame
	39890	4086	" "Knife Holder (adjust- able)
	39891	4083	Knife Grinder Knife Holder Indi- cator
	39892	4086	Knife Grinder Knife Holder Slide Bracket with 200386c
	39893	4086	Knife Grinder Knife Holder Slide Bracket Adjusting Screw Slide Plate
	39894	4086	Knife Grinder Knife Holder Slide Bracket Shaft
	39895	4083	Knife Grinder Knife Holding Spring
•	39896	4083	" " " " " " " " " " " " " " " " " " "
	39897	4083	Knife Grinder Knife Stop (adjustable)
	39898		Knife Grinder complete, Nos. 57c, 176D, 208D, 219F, 771D, 793D, 9525,
			. 10249, 39886 to 39897, 200165H, 201298c, 201510D, 203094, 204101, 206963, 350068E, two each 200577H, 204264, 206232, 206969 and three wood screws 1½ in., No. 12
	39912	4083	Splash Guard Hinge, for 249723
•	39924 39950	15023 15035	1000 Will 1000

No	Diete	Nome
No.	Plate	Name
39969 39979	14978	Shuttle Race Back, for 39982 "Body, for 39980
39980	14995	" " 39979 with 7326,
		249546, two each 391x and 662v, for 39982
39982	14978	Shuttle Race complete, Nos. 907E, 2533, 39969, 39980 and two 2532
39988		Stop Cam Interlocking Rod Guide Washer (rawhide)
40003y	14987	Clamp Arm Bracket Guide (left)
40004y	14987	" " " (right)
40006	14987	" Carrier Block with 40007 and
40007	14987	four 404D
40016Y		Clamp Carrier Block Plate, for 40006
400101	19099	" Lifting Arm Connection Rol- ler and Screw Stud Bracket
40020y	15025	Clamp Plate
40025	14987	Feed Driving Gear Position Pin
40025	14987	Intermittent Feed Wheel Driving
		Bevel Pinion Position Pin
40025	14987	Pulley (tight) Pin
40033Y	14998	Tension (side of arm) Releaser Arm with 50128E
40034x	14997	Tension (side of arm) Releaser Shaft Crank
40035	14997	Thread (lower) Cutting Blade
40036	15033	" " " Car-
40037	15033	rier with 40038 Thread (lower) Cutting Blade Carrier Lever
40038	14997	Thread (lower) Cutting Blade Carrier Stud, for 40036
40043	14998	Tension (top cover) Releaser Rod Collar with 209c
40044	15001	Thread (upper) Cutting Blade Connecting Rod Collar with 237F
40045		Thread (upper) Cutting Blade Con- necting Rod Collar Washer (raw- hide)
40047	15001	Thread (upper) Cutting Blade Con- necting Rod Spring Collar with 646r
40051	15033	Tension (side of arm) Releaser Lever with 641c
40052	14997	Tension (side of arm) Releaser Lever Lock Pin
40053	14997	Tension (side of arm) Releaser Lever Lock Pin Spring

No.	Plate	Name
40067	15032	Tension (side of arm) Releaser
		Lever Shaft Bracket
41401	15007	Machine Rest Pin
41828	15028	Bobbin Winder Spindle Collar Pin, for 27538
50128E	14997	Tension (side of arm) Releaser Arm Set Screw, for 40033Y
50356D	15037	Bobbin Winder Frame Hinge Screw, for 249718
50416c	15026	Knife Bar Disengaging Lever Catch Hinge Screw
50416c	15026	Stop Lever Hinge Screw, for 249913
50416c	15026	Thread (upper) End Cutting Lever Hinge Screw
<b>50416</b> c	$\boldsymbol{15026}$	Thread (upper) End Cutting Lever Operating Lever Hinge Screw
50615D	15028	Knife Bar Stop Retainer Plate Screw
51047E	14985	Belt Shifter Shaft Bracket Exten- sion Pinch Screw, for 249858
58384		Starting Lever Screw Center 564c with 1508E
60913	14363	Spool Weight with 60914
60914		" Center Pin, for 60913
120088		Screw Driver Blade, for 26026
120090		" " Handle, for 26026
120346	4104	Oiler (copper plated) with 120347
120347	4104	" Spout, 9 in. long, for 120346
150203	,—	Thread Unwinder Spool Rest Cushion (felt), for 225258
200068н	14993	Needle Bar Frame Driving Gear Screw
200108D	14996	Stop Cam Spring Cover Screw
200137н	15037	Gauge Chain and Ring Screw, for 249984
200165н	11658	Knife Grinder Knife Holder Indi- cator Screw, for 39898
200383c	15037	Thread Unwinder Spool Rest Rod Set Screw, for 202490
200386c	11658	Knife Grinder Knife Holder Slide Bracket Set Screw, for 39892
200403c	11658	Knife Grinder Emery Wheel Driv- ing Shaft Pulley Set Screw, for 206963
200502в	14985	Arm Shaft Bushing Oil Packing Thumb Screw
200522c	14996	Stop Cam Gear Stud Set Screw
200574E	11658	

	DI. 4-	Name
No.	Plate	Name
200577н	11658	Knife Grinder Knife Holder Slide Bracket Adjusting Screw Slide Plate Screw, for 39898
200584D	15030	Pulley (loose) Grease Retaining Screw, for 249890
201018c	15037	Thread Unwinder Spool Rest Set Screw, for 225257
<b>201052</b> c	11658	Knife Grinder Knife Holder Slide Bracket Shaft Collar Set Screw, for 206232
201295E	15034	Clamp Lifting Arm Connection Lock Spring Screw Stud
201298c	11658	Knife Grinder Knife Holder Slide Bracket Adjusting Screw, for 39898
<b>201431</b> c	15035	Thread (upper) End Cutting Lever Link Hinge Screw
201510E	11658	Knife Bar Driving Lever (intermediate) Hinge Screw Stud Nut
201510D	11658	Knife Grinder Emery Wheel Driving Shaft Nut, for 39898
201655 <sub>J</sub>	11658	Splash Guard Locking Screw Wing Nut, for 249722
201668E	15023	Feed Wheel Clamping Nut
201696л	15037	
201713c	14982	Barring Shaft Adjusting Lock Nut
201715c		
201721c	15037	·
201891	15026	Intermittent Feed Wheel Driving Roller, for 201996
201996		Intermittent Feed Wheel Driving Roller 201891 with 229D, 23389 and 249888
202005	15030	Starting Lever Spring Washer
202260		Arm Shaft Bushing Oil Packing (wick)
202330		Stop Cam Oil Packing (wick), for 249705
202490	14363	Thread Unwinder Spool Stand with 200383c, for 225258
203094		Knife Grinder Knife Holder Indi- cator Position Pin, for 39898
204101	11658	Knife Grinder Emery Wheel Driv- ing Shaft Nut Washer, for 39898

No. Plate Name  204264 11658 Knife Grinder Knife Holding Spring Bracket Position Pin, for 39898  204264 11658 Knife Grinder Knife Holding Spring Position Pin, for 39898  205634 15028 Knife Bar Driving Lever (intermediate) Hinge Screw Stud Washe  206232 11658 Knife Grinder Knife Holder Slide Bracket Shaft Collar with 2010520 for 39898  206963 11658 Knife Grinder Emery Wheel Driving Shaft Pulley with two 2004030 for 39898  206969 — Knife Grinder Emery Wheel Wash er (paper), for 39898  222598 — Thread Take-up Lever Link Hinge Pin Oil Packing (wink), for 249915  Thread Unwinder Spool Rest (for
Bracket Position Pin, for 39898 204264 11658 Knife Grinder Knife Holding Spring Position Pin, for 39898 205634 15028 Knife Bar Driving Lever (intermediate) Hinge Screw Stud Washe 206232 11658 Knife Grinder Knife Holder Slide Bracket Shaft Collar with 2010520 for 39898 206963 11658 Knife Grinder Emery Wheel Driving Shaft Pulley with two 2004030 for 39898 206969 — Knife Grinder Emery Wheel Wash er (paper), for 39898 222598 — Thread Take-up Lever Link Hinge Pin Oil Packing (wink), for 249915 225257 14363 Thread Unwinder Spool Rest (for two spools) (flat) with 2010180
Position Pin, for 39898 205634 15028 Knife Bar Driving Lever (intermediate) Hinge Screw Stud Washe 206232 11658 Knife Grinder Knife Holder Slid-Bracket Shaft Collar with 2010520 for 39898 206963 11658 Knife Grinder Emery Wheel Driving Shaft Pulley with two 2004030 for 39898 206969 — Knife Grinder Emery Wheel Washer (paper), for 39898 222598 — Thread Take-up Lever Link Hinge Pin Oil Packing (wink), for 249915 225257 14363 Thread Unwinder Spool Rest (for two spools) (flat) with 2010180
diate) Hinge Screw Stud Washe  206232 11658 Knife Grinder Knife Holder Slid- Bracket Shaft Collar with 201052c for 39898  206963 11658 Knife Grinder Emery Wheel Driv ing Shaft Pulley with two 200403c for 39898  206969 — Knife Grinder Emery Wheel Wash er (paper), for 39898  Thread Take-up Lever Link Hinge Pin Oil Packing (wink), for 249915  225257 14363 Thread Unwinder Spool Rest (for two spools) (flat) with 201018c
Bracket Shaft Collar with 201052c for 39898 206963 11658 Knife Grinder Emery Wheel Driv ing Shaft Pulley with two 200403c for 39898 206969 — Knife Grinder Emery Wheel Wash er (paper), for 39898 222598 — Thread Take-up Lever Link Hinge Pin Oil Packing (wink), for 249915 225257 14363 Thread Unwinder Spool Rest (for two spools) (flat) with 201018c
ing Shaft Pulley with two 200403c for 39898  206969
er (paper), for 39898  222598 — Thread Take-up Lever Link Hinge Pin Oil Packing (wink), for 249915  225257 14363 Thread Unwinder Spool Rest (for two spools) (flat) with 201018c
Pin Oil Packing (wink), for 249915 225257 14363 Thread Unwinder Spool Rest (for two spools) (flat) with 201018c
two spools) (flat) with 201018c
for 225258
225258 14363 Thread Unwinder complete (for two spools), Nos. 201696J, 202490 225257, 225324, 225326, 225388 two each 150203, 225391 and three wood screws 3 in., No. 12
225322 15037 Thread Unwinder Thread Guide Rod Washer, for 225324
225324 14363 Thread Unwinder Thread Guide Rod with 208E and 225322, for 225258
225326 15037 Thread Unwinder Thread Guide Position Cup, for 225258
225377 14363 Spool Wire, for small spools
225388 14363 Thread Unwinder Spool Rest Rod for 225258
225391 14363 Thread Unwinder Thread Guide, for 225258
225483 — Screw Driver Handle, for 250522
232065 15034 Clamp Lifting Arm Connection Lock Spring
232105 15001 Thread (upper) Cutting Blade Shaft Crank Pin, for 249988
232131 14987 Feed Driving Gear (intermediate) Swing Bracket Screw Washer
32382 15037 Feed Hand Ratchet Lever Pawl Spring Pin, for 249907
232719 14987 Feed Driving Gear (intermediate) Position Pin

No.	Plate	Name
235356	14993	(intermediate) Pin, for 249671
238089	15026	Knife Bar Disengaging Lever Catch Bracket Position Pin, for 249658
249534	15035	Thread (lower) Cutting Blade Car- rier Lever Spring
249544	15028	Knife Bar Stop
249545	15028	" " Retainer Plate
249546	14978	Shuttle Bobbin Case Position Plate, for 39980
*249601		Arm with 24081
249602	15025	" Shaft
249604	15025	" Top Cover (left)
249605	15025	" " (right)
249606	15024	Barring Lever
249607	14982	" " Spring
249610	14982	" Point
249611	14982	" Shaft with 452c
249612	14982	" " Guard
249613	14982	" Slide
249614	14982	" " Operating Plate (sta-
		tionary)
249615	14982	Barring Slide Operating Rod
249616	14982	" " " " Stud
249619	14982	" " Stop
*249620		Bed
249622	15025	Arm Shaft Flanged Bushing (back)
249625	15024	Clamp Carrier Slide Lever with 1960
249631	15025	Face Plate
249639	15025	Feed Wheel Shaft
249640	15027	" " Tripping Lever
249641	15026	" " Point, for 249973
249642	15027	Intermittent Feed Wheel with two 350249E
249644	15029	Intermittent Feed Wheel Driving Bevel Gear Bracket
249645	15029	Intermittent Feed Wheel Driving Bevel Pinion with two 453c
249646	15029	Intermittent Feed Wheel Shaft
249656	15029	Knife Bar Disengaging Lever with 1242E
249657	15029	Knife Bar Disengaging Lever Catch with 1963
249658	15029	Knife Bar Disengaging Lever Catch Bracket with 1242E and 238089
249659	15026	Knife Bar Disengaging Lever Catch Spring

No.	Plate	Name
249660	15026	Knife Bar Disengaging Lever Spring
249661	15025	" " Driving Lever
249662	15025	" " (interme-
		diate)
249666	15029	Needle Bar Frame Connection
249667	14993	" " Driving Gear
249668	15028	" " Regulator Hinge
		Stud
249669	15029	Needle Bar Frame Driving Gear
		(intermediate) Bracket with 1149c
249670	14993	Needle Bar Frame Driving Gear
		(intermediate) Stud
249671	14993	Needle Bar Frame Driving Gear
		(intermediate) (large) with 235356
249672	14993	Needle Bar Frame Driving Gear
		(intermediate) (small)
249673	14993	Needle Bar Frame Regulator
249674	15031	" Vibrating Gear with two
		350249E
249675		Stitch Regulating Gear, 18 teeth
249677		" " 20 teeth
249679	15030	" " 24 teeth
249682		" " 30 teeth
249685	14998	Tension (top cover) Releaser
249686	14998	" " " Holder
		with 201 <sub>F</sub>
249687	14998	Tension (top cover) Releaser Rod
249688	14998	" " Releasing Lever
		Connection
249691	15036	Thread (upper) Cutting Blade Con-
		necting Rod Latch
249692	15035	Thread (upper) Guide
249693	15028	Bobbin Winder Thread Leader, for
		249697
249696	15008	Winder Tension Bracket
		with 452c, for 249697
249697		Bobbin Winder Tension Bracket
		complete, Nos. 1620J, 5989, 10145,
		27922, 249693 and 249696
249702	15031	Pulley (tight) with 454c
249703	15032	Starting Lever
249704	15031	" " Bracket
249705	14996	Stop Cam with two 202330
249706	14992	" " Gear
249707	14992	" " Guard
249708	14992	" " " Stud
249709	15033	" " Interlocking Rod Guide
		with 1070c and 1959

No.	Plate	Name
249711	14992	Stop Cam Spring Cover
249713	14996	" " Stop Screw Block
		with 457c
	Nos. 2	49714 to 249717, for 249718
249714	15008	Bobbin Winder Base with 27916 and two 28084
249715	15008	Bobbin Winder Frame
249716	15037	" " Spring
249717	15008	" " Stop Latch
249718	15008	Bobbin Winder complete, Nos. 35D, 1620J, 27538, 27918, 50356D and 249714 to 249717
249721		Bed Frame with two each 16555, 19398, four each 158E, 24106, six 14010 and four wood screws 11 in., No. 12, for 249723
249722		Splash Guard with 2016551, for 249723
249723	•	Bed Frame and Splash Guard complete, Nos. 249721, 249722, two 39912 and eight 200574E
249725		Stitch Regulating Gear, 36 teeth
249727		" " 40 teeth
249731	15033	Sewing Safety Lock Pitman (front section), for 249764
249732	15033	-Sewing Safety Lock Pitman (rear section), for 249764
249737	15028	Knife Bar Spring
249738	15026	Intermittent Feed Wheel Shaft Collar
249739	14996	Stitch Regulating Gear Pin
249740	14982	Barring Slide Operating Plate (adjustable)
249741	14992	Stop Cam Interlocking Rod
249742	14996	" " Spring
249744		Stitch Regulating Gear, 45 teeth
249745	15023	Feed Driving Gear (intermediate) Pinion Shaft Collar with two 458c
249746	15007	Screw Driver, for Needle Bar Con- necting Stud Set Screw
249759	15034	Clamp Lifting Arm Connection (lower section), for 249866
249760	15033	Clamp Lifting Arm Connection Lock Trip Lever with 690p
249763	15033	Sewing Safety Lock
249764	-	Sewing Safety Lock Pitman complete, Nos. 249731, 249732 and two 203E

No.	Plate	Name		No.	Plate	-Name
249779	15035	Thread (upper) End Cutting Block		249860	14985	Belt Shifter Shaft Bracket Stop
		with 175E (adjustable)		249861	14985	" " Guide Collar with
249782	15001	Thread (upper) End Cutting Lever				$237\mathbf{F}$
		Operating Cam (adjustable) with		249862	14985	Belt Shifter Shaft Spring
		249784		249863	14985	" " Trip Point, for 249869
249783	15001	Thread (upper) End Cutting Lever		249864	14985	" " Stud
		Operating Cam Position Collar with 450c and 453c		249865		Clamp Lifting Arm Connection (upper section), for 249866
249784	15001	Thread (upper) End Cutting Lever Operating Cam Position Pin, for 249782		249866		Clamp Lifting Arm Connection complete, Nos. 704c, 23390, 249759 and 249865
249785	15035	Thread (upper) End Cutting Lever		249867	15034	Clamp Lifting Arm Connection Lock
		Operating Cam Spring		249868	15026	Feed Wheel Tripping Lever Point
249786	15036	Thread (upper) End Cutting Lever Operating Lever		249869	15029	Knife Bar Disengaging Lever Catch Tripping Point Collar with 175£,
249787	15035	Thread (upper) End Cutting Lever				756E, 23466, 249863 and two 448c
249789	15036	Spring Gauge Chain and Ring, for 249984		249871	15032	Thread (lower) Cutting Lever Ex- tension
249800	14998	Tension (top cover) Releaser Rod		249876	15020	
		Spring		249810	15036	Thread (upper) Cutting Blade Con- necting Rod Latch Lifting Lever
249809	15030	Oscillating Shaft Bushing (front) Oil Tube (brass)		249878	15001	Thread (upper) Cutting Blade Con- necting Rod Latch Stud
249820	15007	Wrench		249880	15032	Tension (side of arm) Releaser
249826	15001	Thread (upper) Cutting Blade Con-				Lever Shaft
		necting Rod		249882		Thread (upper) End Cutting Lever
249827	15001	Thread (upper) Cutting Blade Shaft,		0.40000		Link
249828	15001	for 249988 Thread (upper) Cutting Blade Shaft		249883	14985	Bed Oil Guard Oil Tube (brass), for 249894
243020	10001	Crank with 906c, for 249988		249887	15027	Intermittent Feed Wheel Driving
249831	15032					Bevel Gear with two 1143E
249843	14997	Thread (lower) Cutting Lever		249888	15026	Intermittent Feed Wheel Driving
240040	14331	Tension (side of arm) Releaser Lever Spring				Roller Stud, for 201996
249844	14987	Feed Driving Gear (intermediate)			<b>N</b> 7 0	140000 t 040000 # 040000
		Pinion Shaft Eccentric Bushing			Nos. 2	49890 to 249892, for 249893
		Position Plate		*249890		Pulley (loose) with 200584D
249845	15001	Thread (lower) Pull-off Finger		249891	15031	" Ball Bearing
249846	15024	Feed Driving Gear with two 448c		249892	15031	" " Bushing
249849	15023	" " (intermediate)	2	249893	15031	Pulley (loose, ball bearing) com-
		Pinion Shaft Eccentric Bushing		0.000.4		plete, Nos. 249890 to 249892
249853	14985			249894	15032	Bed Oil Guard with 249883
249854	14985	Belt Shifter with 350287c		249895	1500	Clamp Carrier Regulator Slide
21001	11000	" " Operating Collar with 350329c		249904	15027	Feed Driving Gear (intermediate) Bracket Position Lever, for 249913
249855	14985	Belt Shifter Operating Rod				•
249856	15024	" " Shaft			Nos. 2	349905 to 249907, for 249914
249857	15024	" " Bracket		249905	15027	Feed Hand Ratchet Lever
249858	15024	" " " Extension		249906	15027	" " Extension
		with 51047E				Handle

No.	Plate	Name
249907	15037	Feed Hand Ratchet Lever Pawl with 232382
	Nos. 2	49909 to 249912, for 249913
249909	15037	Stitch Regulating Gear Disengaging Slide
249910	15037	Stitch Regulating Gear Disengaging Slide Bracket
249911	15037	Stitch Regulating Gear Disengaging Slide Bracket Support Washer
249912	15037	Stitch Regulating Gear Spring
249913		Feed Hand Ratchet Device complete, Nos. 95c, 158g, 646g, 50416c, 201721c, 249904, 249909 to 249912, 249914, 249922, 249923, 250444, 350329c, 350337c and two 99c
249914		Feed Hand Ratchet Lever complete, Nos. 90p, 160H, 1449H, 249905 to 249907 and 250058, for 249913
249915	15001	Thread Take-up Lever Link Hinge Pin with 222598
249916	15001	Thread (lower) Cutting Lever Ex- tension Spring
249917	15001	Thread (upper) Cutting Blade Con- necting Rod Latch Spring
249918	-	Shuttle, $1\frac{1}{16}$ in. diam., Nos. 23500, 23503 and 249921
249919	15030	Shuttle Bobbin Case Hinge, Nos. 2974, 15140 and 249920, for 249921
249920	15030	Shuttle Bobbin Case Latch Lever, for 249919
249921	15030	Shuttle Bobbin Case complete, Nos. 591f, 592f, 2523, 2975, 23501, 23680 and 249919, for 249918
249922	15027	Stop Lever, for 249913
249923	15027	Stitch Regulating Gear Disengaging Lever, for 249913
249951	<del></del>	Stitch Regulating Gear, 27 teeth
249952		" " 54 teeth
249953	<del></del>	" " 60 teeth
249954	15023	Barring Plate
249955	15033	Clamp Arm Bracket with 196r
249956	15033	" Hinge Block
249957	15033	" Carrier
249958	15027	" " Guard
249959	15025	" " Plate
249960	15025	" " Regulator with 240n,
		1960 and 39583

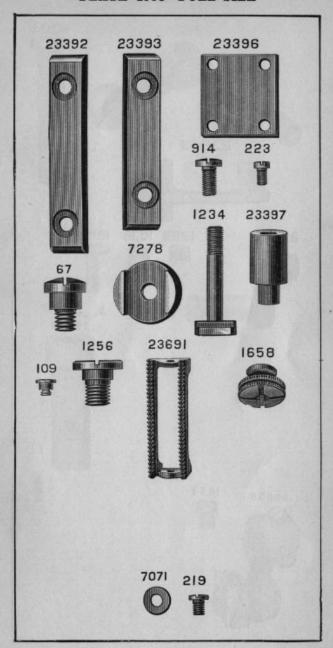
No.	Plate	Name
249963	15033	Clamp Lifting Arm Connection Lock
		Stop Plate
249964	15027	Clamp Plate Support
249965	15027	Feed Driving Gear (intermediate) with two 457E
249966	15027	Feed Driving Gear (intermediate) (large), for stud
249967	15027	Feed Driving Gear (intermediate) (small), for stud
249968	15027	Feed Driving Gear (intermediate), for swing bracket
249969	15027	Feed Driving Gear (intermediate) Bracket
249970	15027	Feed Driving Gear (intermediate) Pinion Shaft
249971	15023	Feed Driving Gear (intermediate) Stud
249972	15027	Feed Driving Gear (intermediate) Swing Bracket
249973	15025	Feed Wheel with 249641 and two 220D (240 stitches, 6 bar)
249975	15031	Stitch Regulating Gear Guard
249976	15035	Thread (upper) Clamping Blade, for 249988
249977	15035	Thread (upper) Cutting Blade, for 249988
249978	15036	Thread (upper) Cutting Blade Con- necting Rod Spring Bracket
249979	15035	Thread (upper) Cutting Lock (lower section), for 249981
249980	15035	Thread (upper) Cutting Lock (upper section), for 249981
249981	-	Thread (upper) Cutting Lock complete, Nos. 249979, 249980 and two 203E
249982	15036	Thread (upper) End Cutting Lever
249983	1503 <b>6</b>	" " " " " " "
249984	15036	Gauge, for setting length of button-
		hole, with 200137H and 249789
249985	15033	Needle Plate
249986	15034	Clamp Check with 249987, two each 237r and 1348r, for 3 to 11 in. buttonholes, for 249988
249987	15034	Clamp Check Section and Cutting Plate, for 249986

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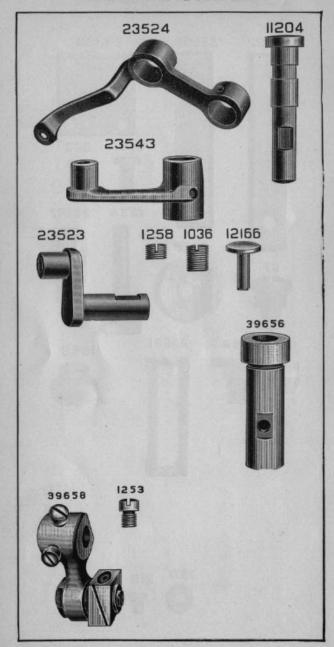
No.	Plate	Name
249988		Clamp Check complete, for \( \frac{3}{2} \) to 1\( \frac{1}{2} \) in. buttonholes, Nos. 219\( \frac{2195}{249827} \), 249828, 249976, 249977 and 249986
250058	15037	Feed Hand Ratchet Lever Pawl Spring, for 249914
250397	14993	Needle Bar Frame Driving Gear (intermediate) Bracket Position Pin
250444	15037	Feed Wheel Tripping Lever Screw Stud Washer, for 249913
250521		Screw Driver Blade, for 250522
250522	15007	Screw Driver (for needle set screw) complete, Nos. 225483 and 250521
255513		Tweezers
3500 <b>60</b> c	14997	Tension (side of arm) Screw Stud Set Screw, for 39950
350068E	15037	Knife Grinder Emery Wheel Driv- ing Shaft Oil Hole Cover Screw, for 39898
350076c	14987	Clamp Carrier Regulator Stud (to regulate length of buttonhole)
$350229_{\rm E}$	14982	Barring Plate Screw
350230c	15026	Intermittent Feed Wheel Driving Bevel Gear Cap Screw
350235ъ	15035	Sewing Safety Lock Pitman Hinge Screw (back)
350237c	15026	Feed Wheel Tripping Lever Hinge Screw
350243c	15028	Knife Bar Driving Lever (intermediate) Hinge Screw Stud
350246c	14997	Thread (lower) Cutting Lever Ex- tension Hinge Screw
350249E	15026	Intermittent Feed Wheel Position Screw, for 249642
350249Е	15026	Needle Vibrating Gear Position Screw, for 249674
350251c	15028	Needle Bar Frame Connection Hinge Screw
350253c	14982	Barring Slide Operating Plate Adjusting Screw
350254 <b>F</b>	14993	Needle Bar Frame Connection Cap Screw
350265c	15001	Thread (upper) Cutting Blade Con- necting Rod Hinge Screw
350281 <sub>C</sub>	15028	Knife Bar Driving Lever Hinge Screw

No.	Plate	Name
350287c	14985	Beit Shifter Operating Rod Set Screw
350287c	14985	Belt Shifter Set Screw, for 249853
350287c	14985	Thread (upper) Cutting Blade Con- necting Rod Latch Lifting Lever Screw
350288c	14985	Belt Shifter Shaft Bracket Hinge Screw
350310 <sub>D</sub>	15023	Feed Driving Gear (intermediate) Swing Bracket Screw
350329c		Belt Shifter Operating Collar Set Screw, for 249854 and 249913
350337c	15037	Stitch Regulating Gear Disengaging Lever Hinge Screw, for 249913
350338E	15001	Belt Shifter Shaft Bracket Spring Screw Stud (lower)
350339E	15001	Belt Shifter Shaft Bracket Spring. Screw Stud (upper)

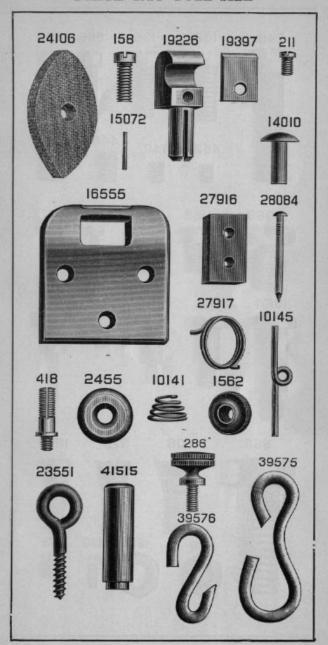
# PLATE 4008-FULL SIZE



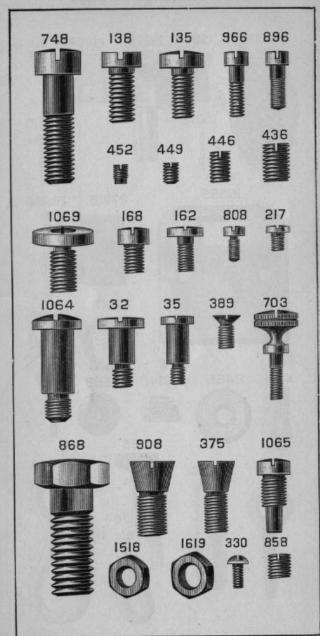
# PLATE 4023-FULL SIZE



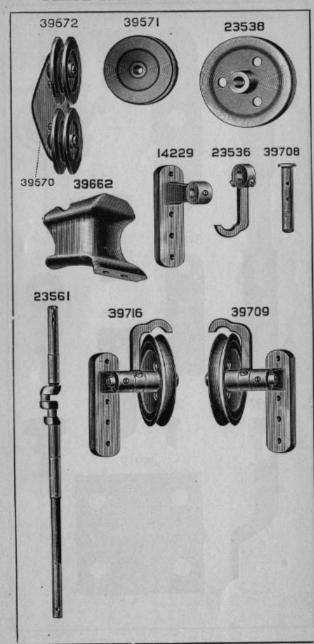
## PLATE 4024-FULL SIZE



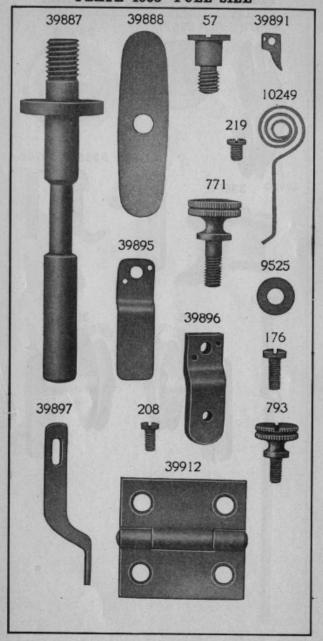
# PLATE 4025-FULL SIZE



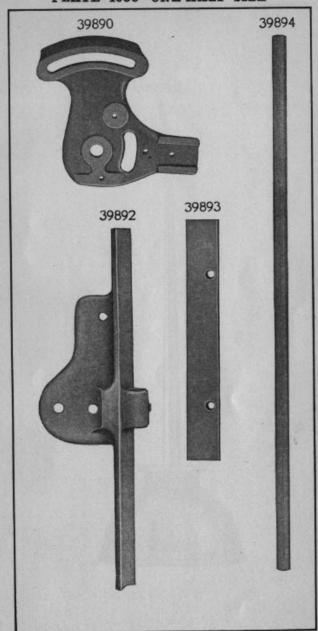
## PLATE 4047-ONE-FOURTH SIZE



# PLATE 4083-FULL SIZE

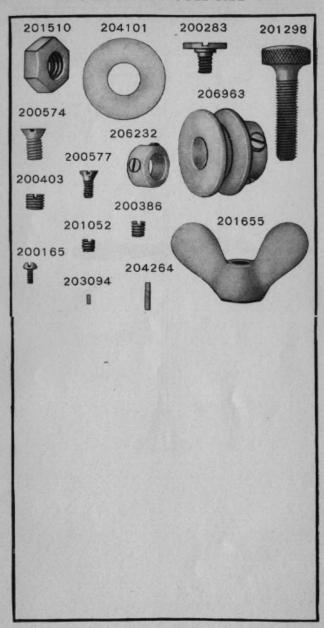


# PLATE 4086-ONE-HALF SIZE

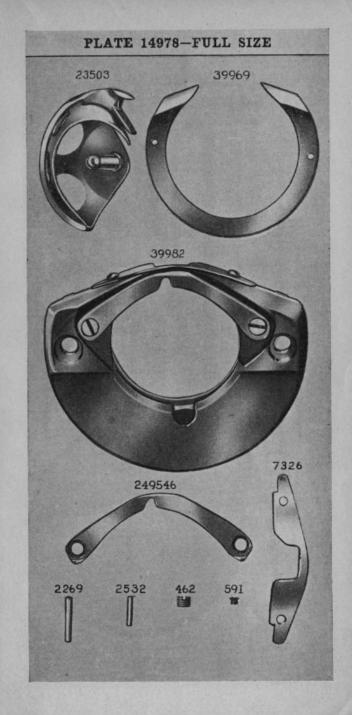


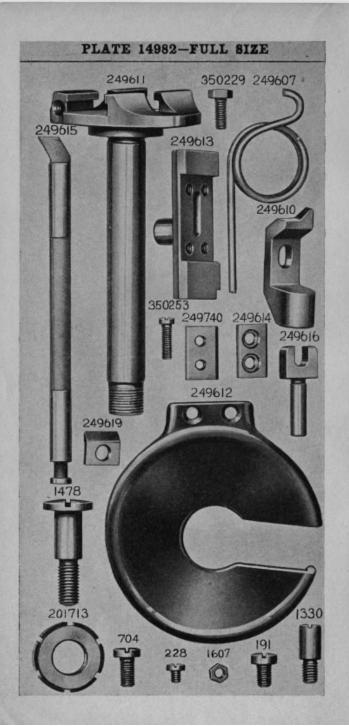
# PLATE 4104-ONE-HALF SIZE 120346 120347

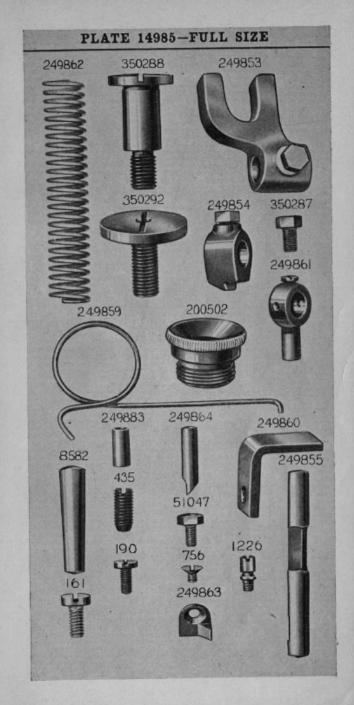
#### PLATE 11658-FULL SIZE

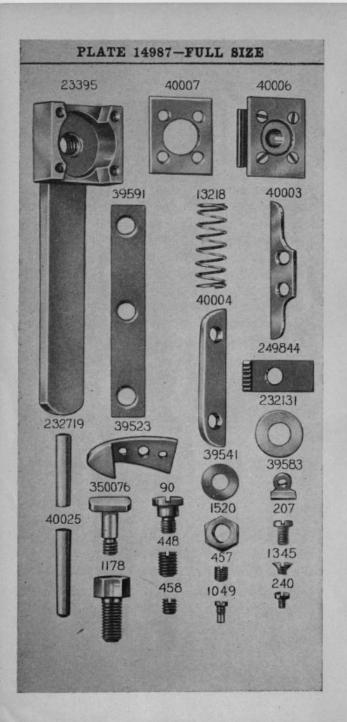


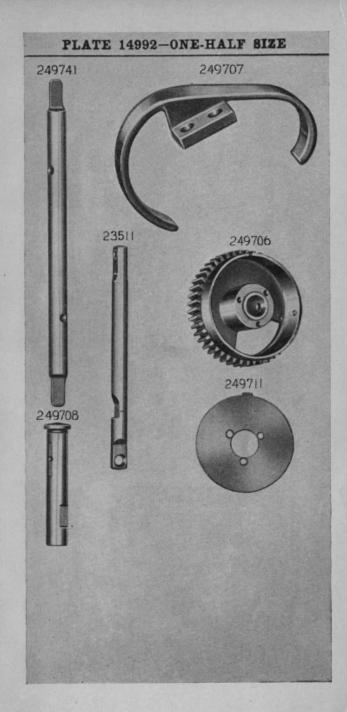
# PLATE 14363-ONE-SIXTH SIZE



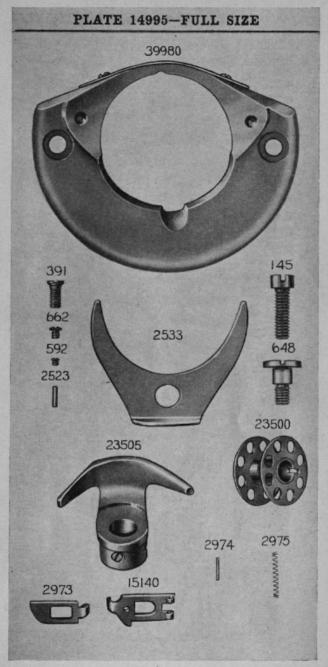


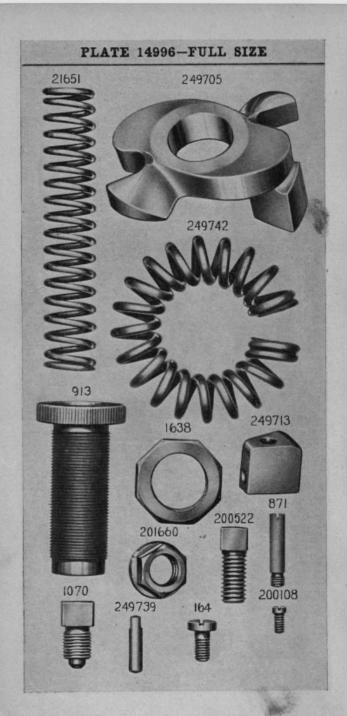


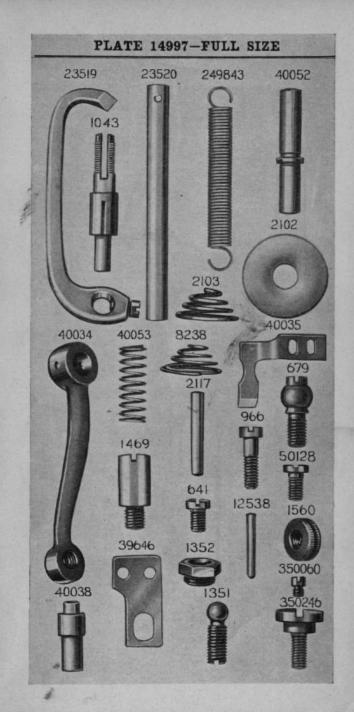




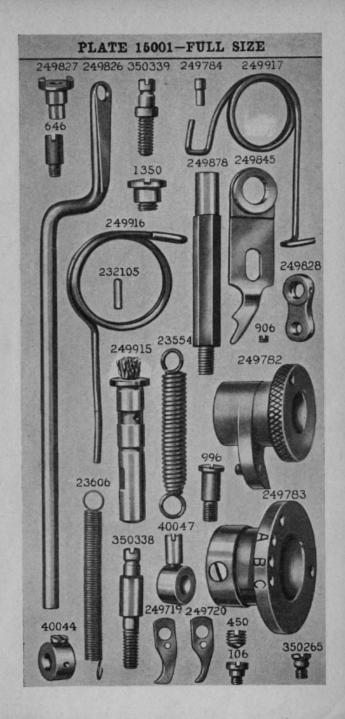
#### PLATE 14993-FULL SIZE

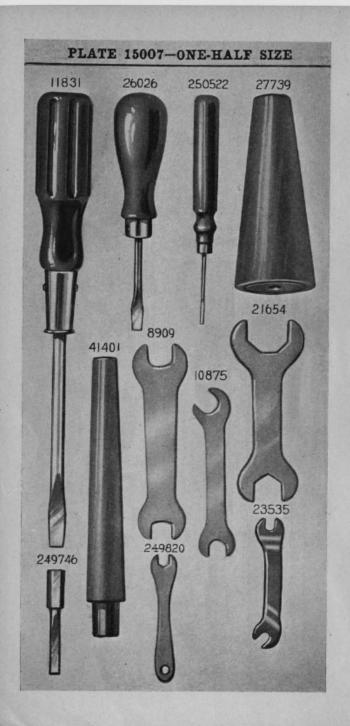


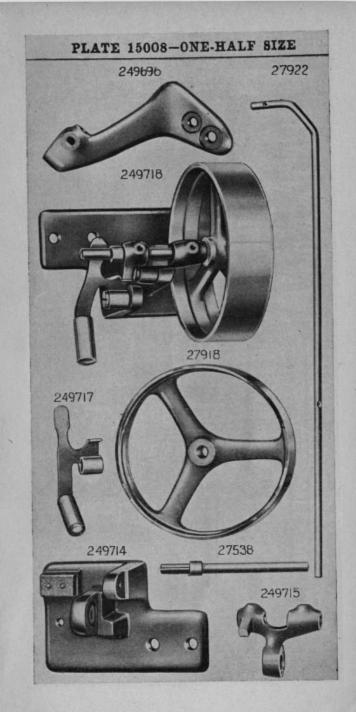


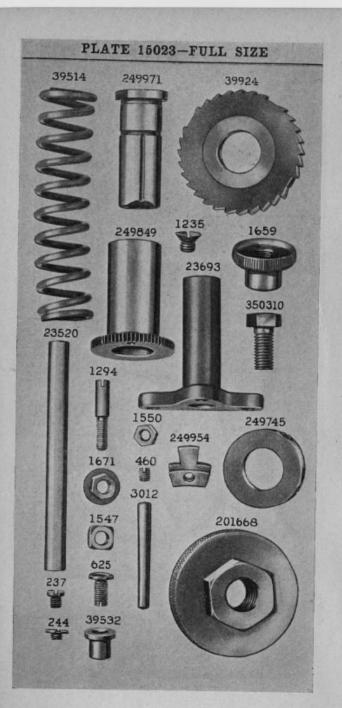


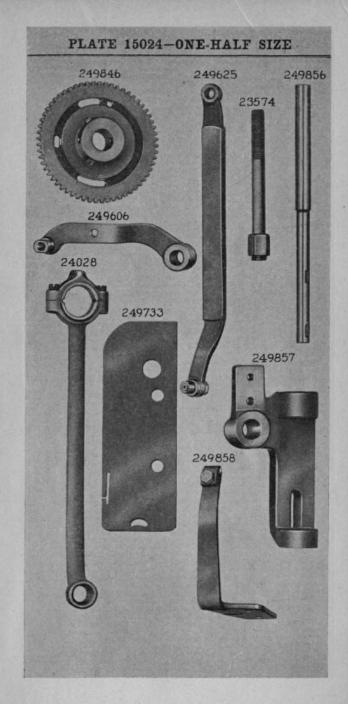
### PLATE 14998-FULL SIZE WWWWW



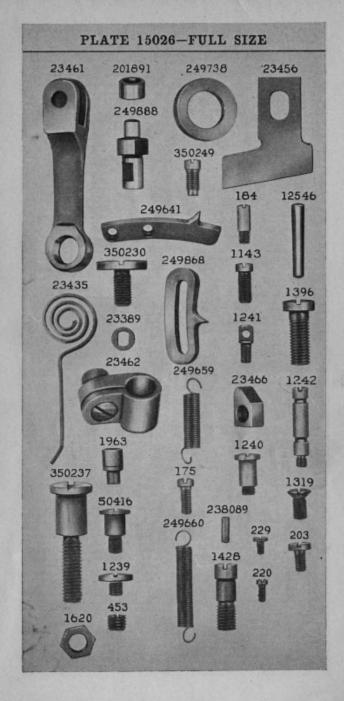




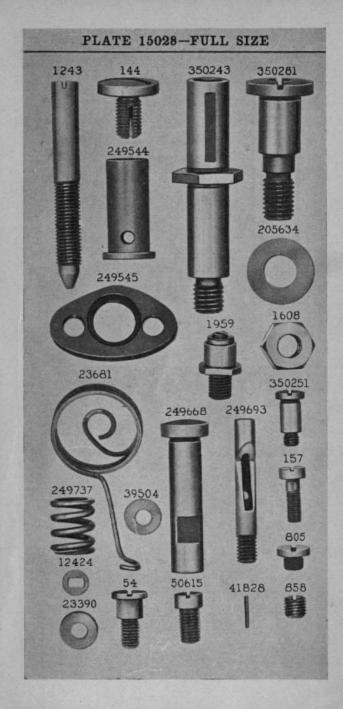


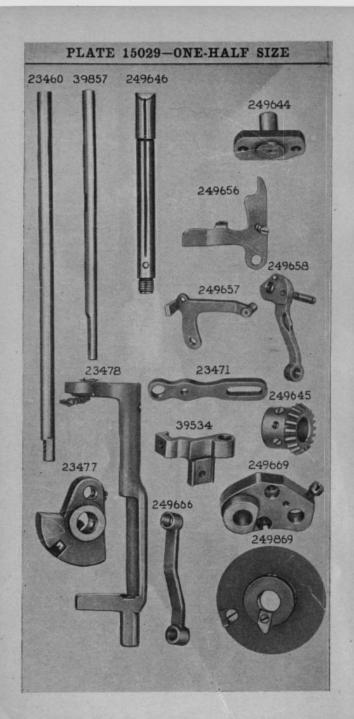


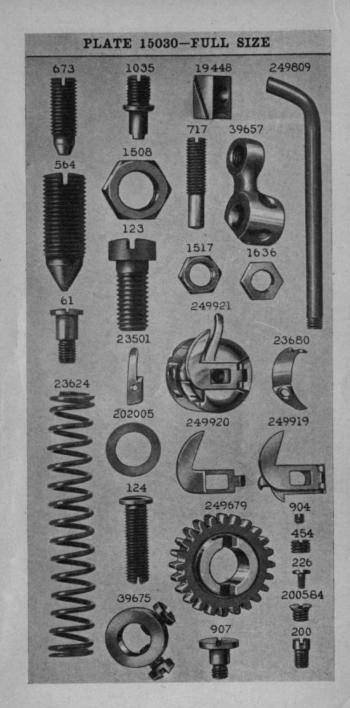
## PLATE 15025-ONE-FOURTH SIZE 249602 249662 39620



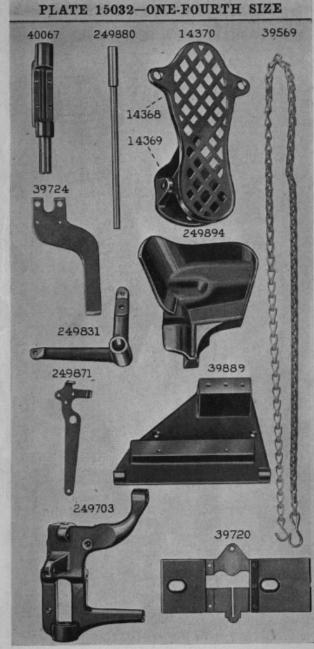
## PLATE 15027-ONE-HALF SIZE 249905 249923 249967 249970

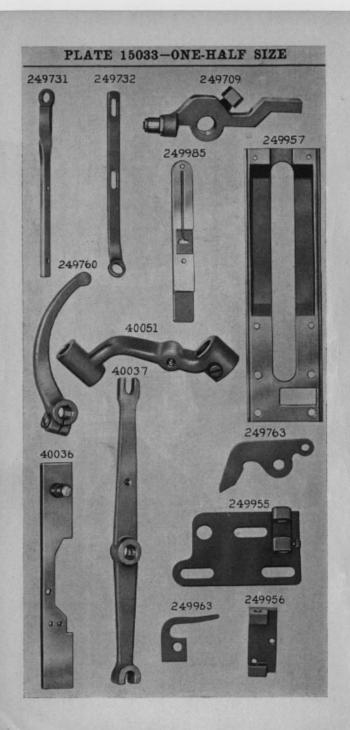


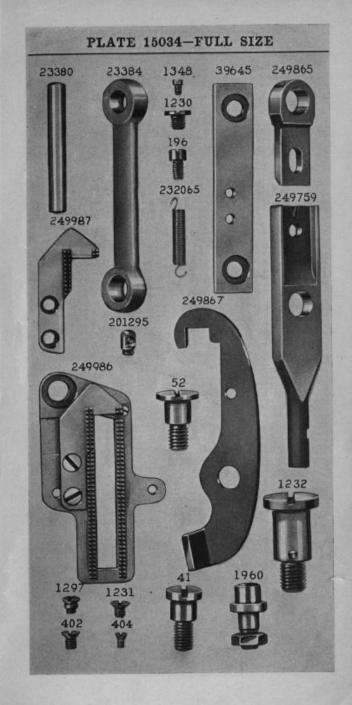




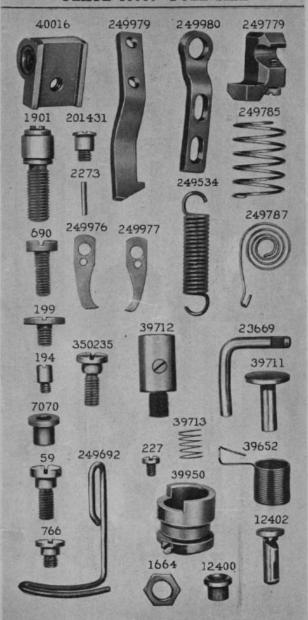
## PLATE 15031-ONE-HALF SIZE



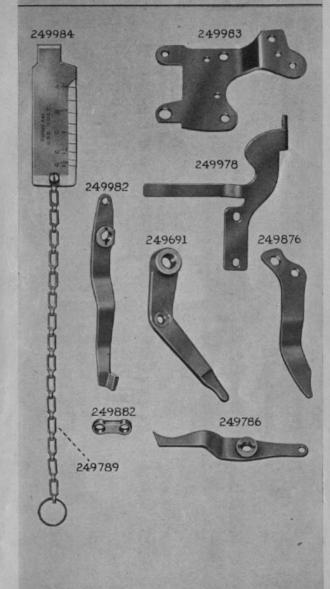




#### PLATE 15035-FULL SIZE



#### PLATE 15036-ONE-HALF SIZE



#### PLATE 15037-FULL SIZE