

ILLUSTRATED  
LIST OF PARTS

FOR

**SINGER**<sup>\*\*</sup>  
MACHINES

Nos. 133K12 to 133K15,  
133K17 and 133K18



**\*\* A Trademark of THE SINGER MANUFACTURING COMPANY**

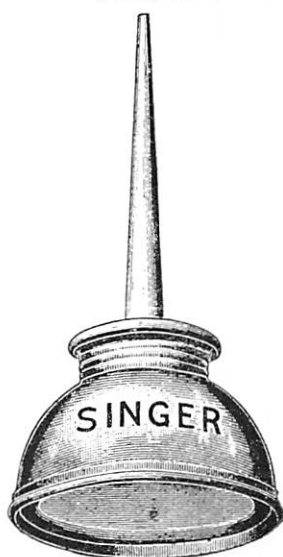
© 1961, THE SINGER MANUFACTURING COMPANY

From the library of: Superior Sewing Machine & Supply LLC

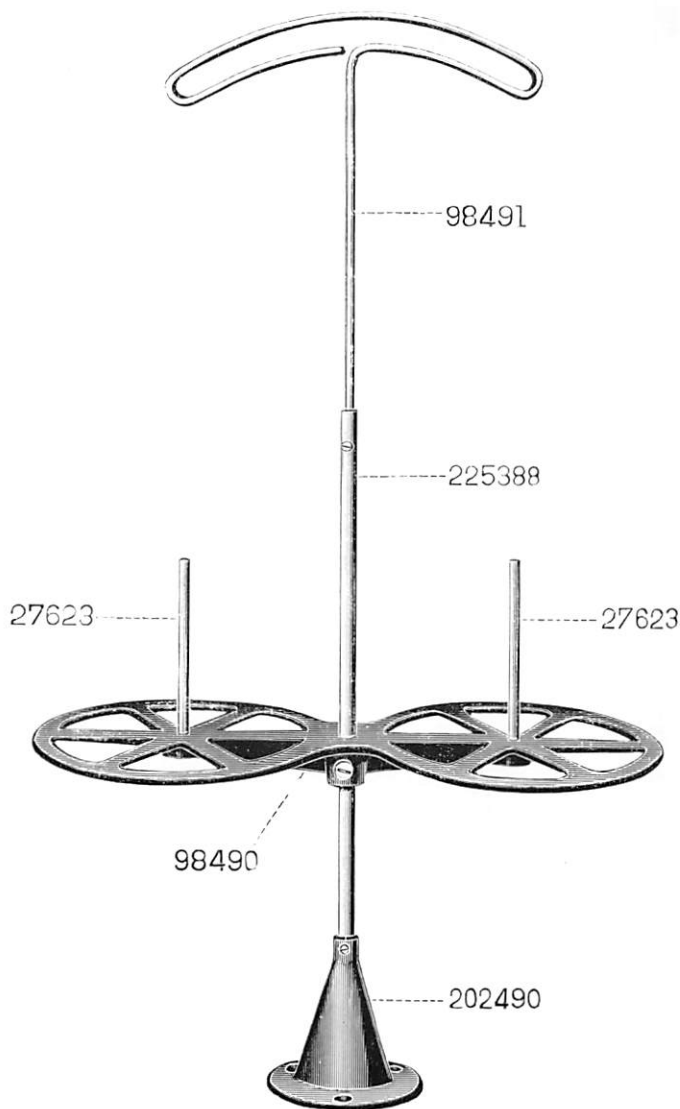
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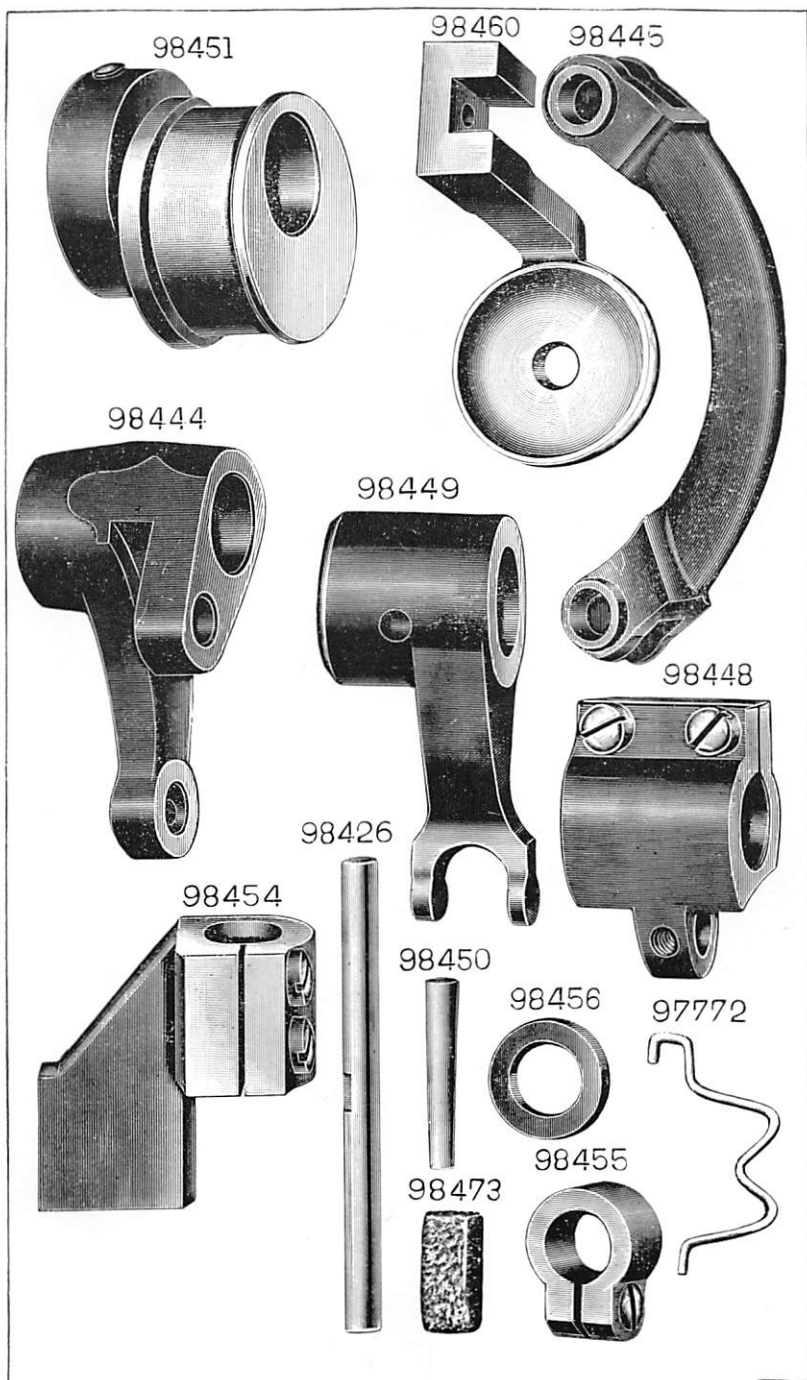
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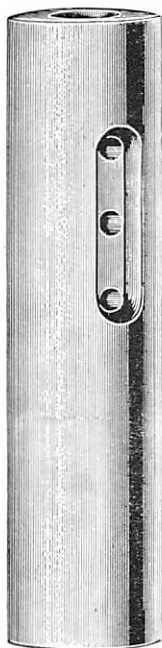
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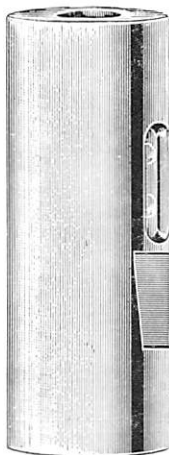




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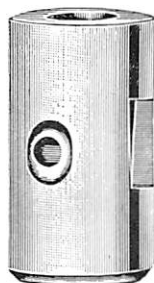
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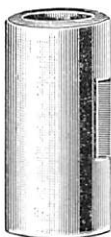
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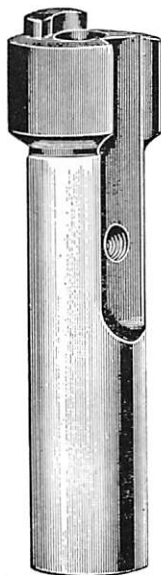
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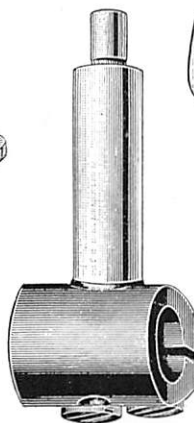
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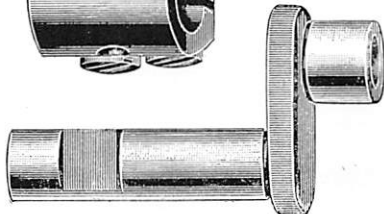
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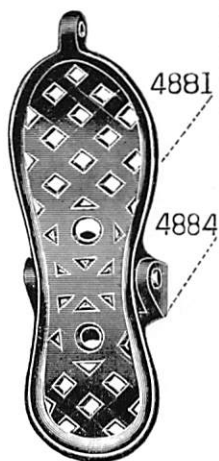
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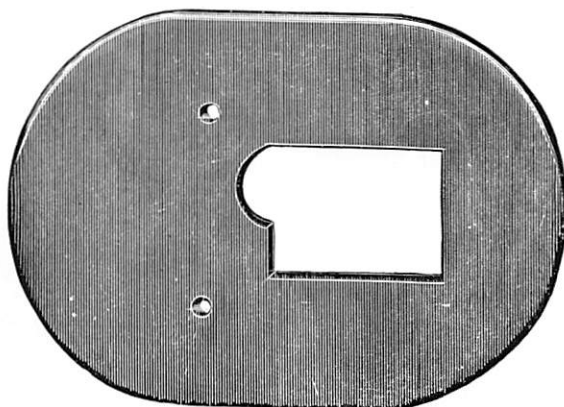
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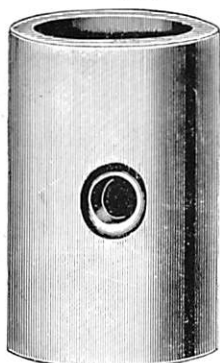
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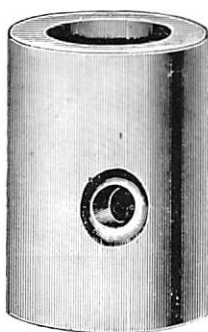
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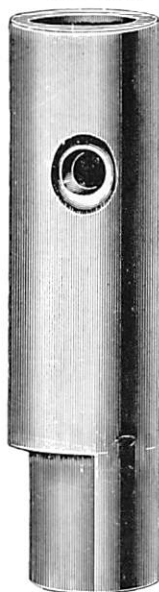
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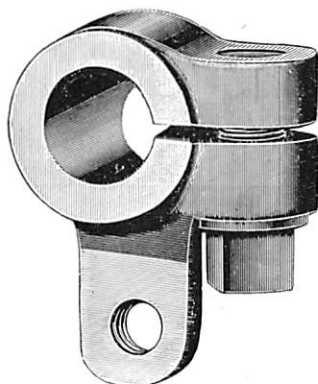
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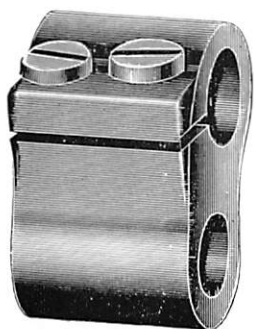
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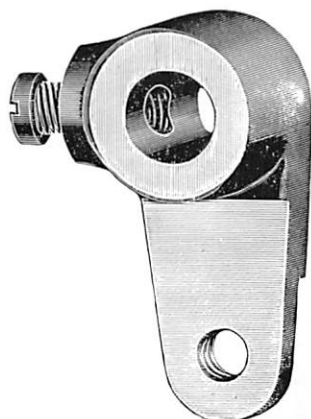
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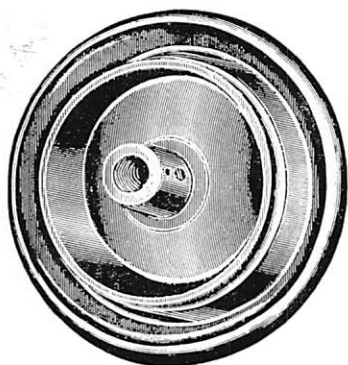


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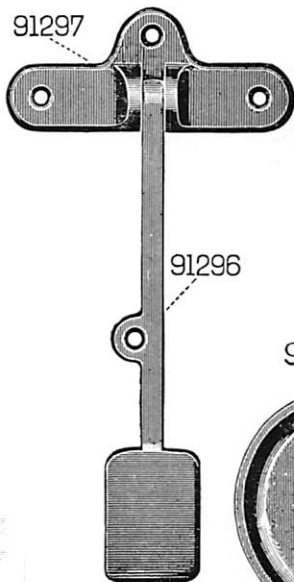
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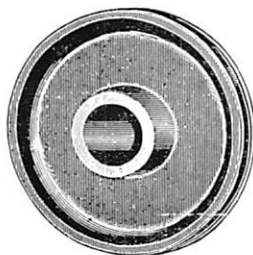
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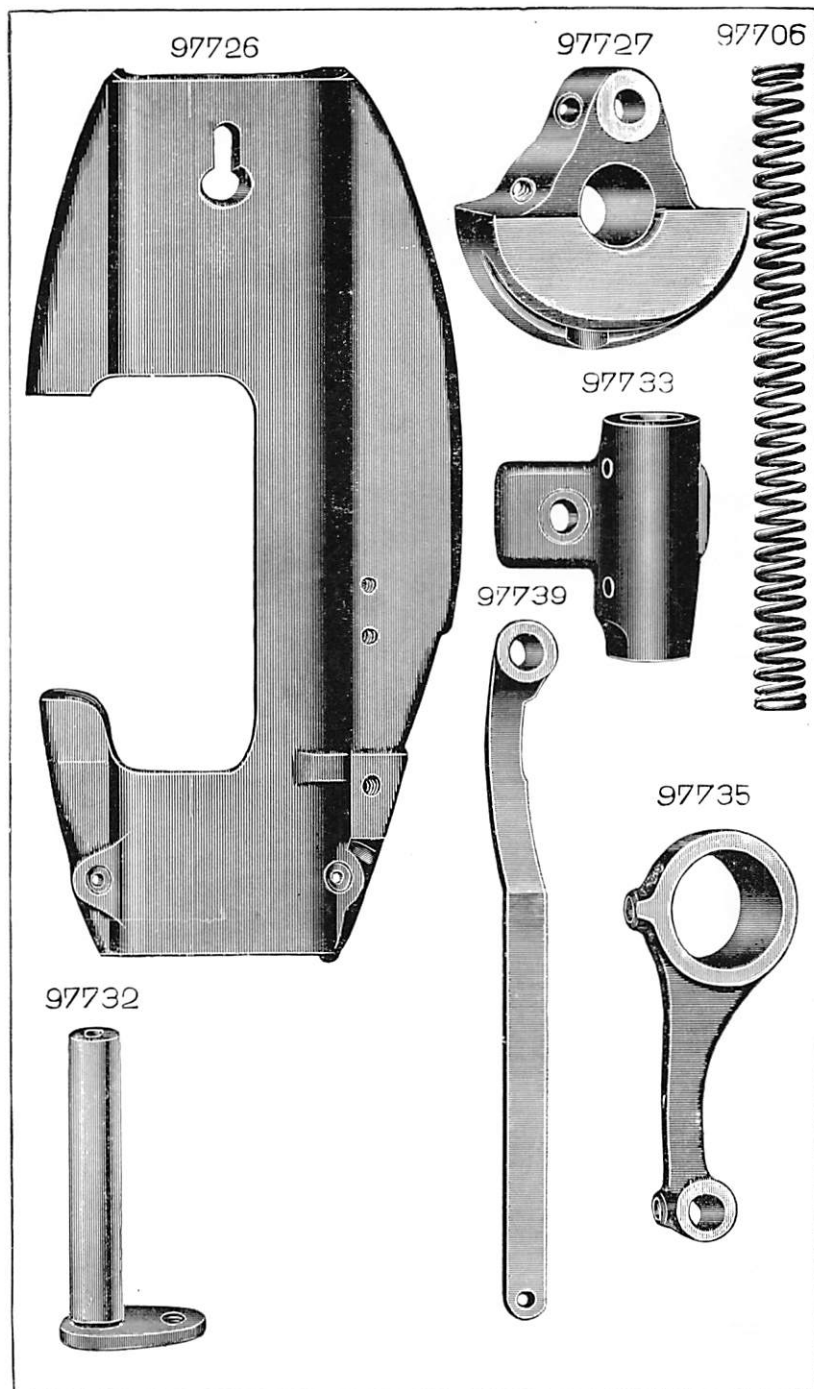
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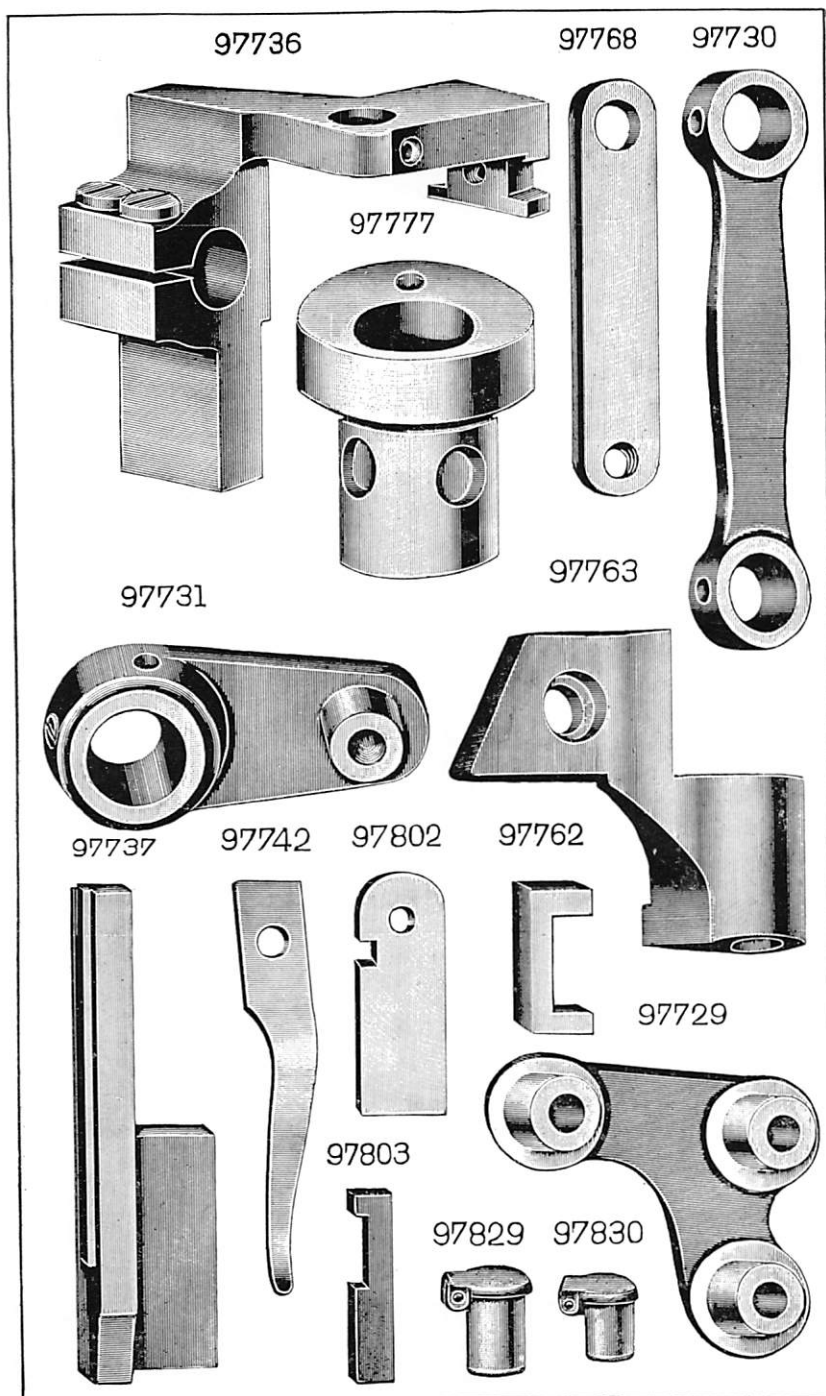
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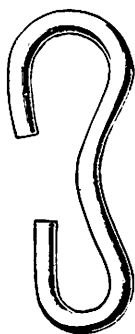
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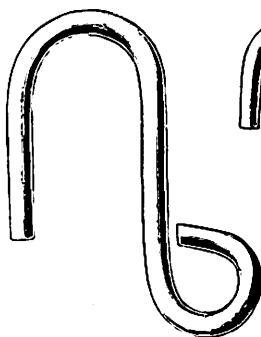




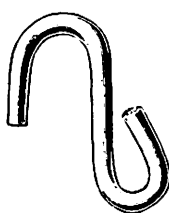
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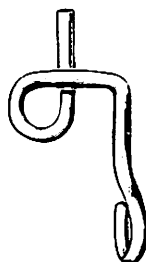
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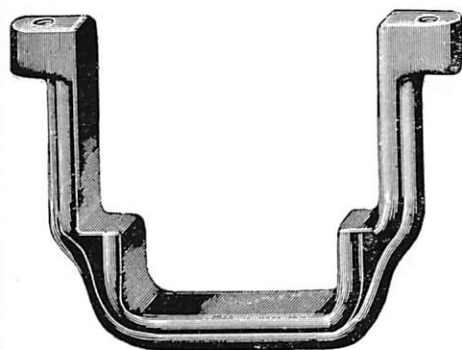


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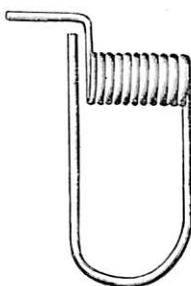




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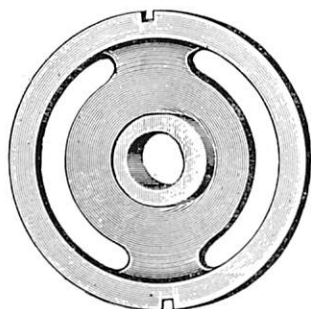
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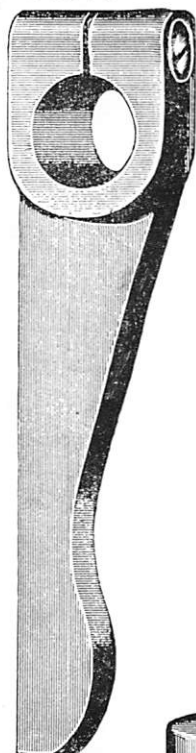


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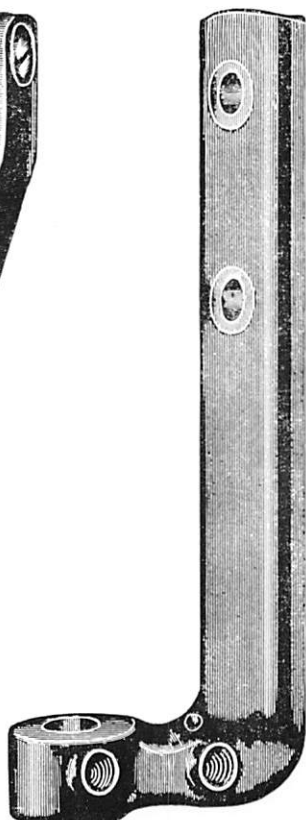




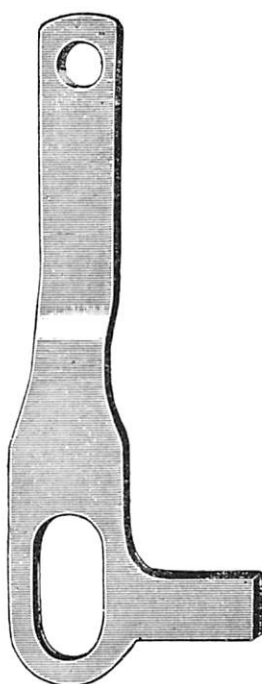
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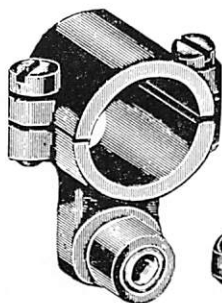
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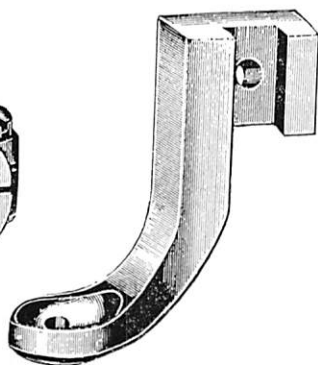
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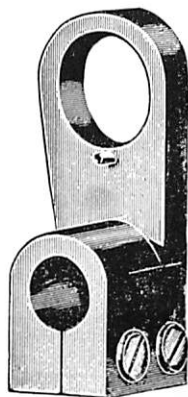
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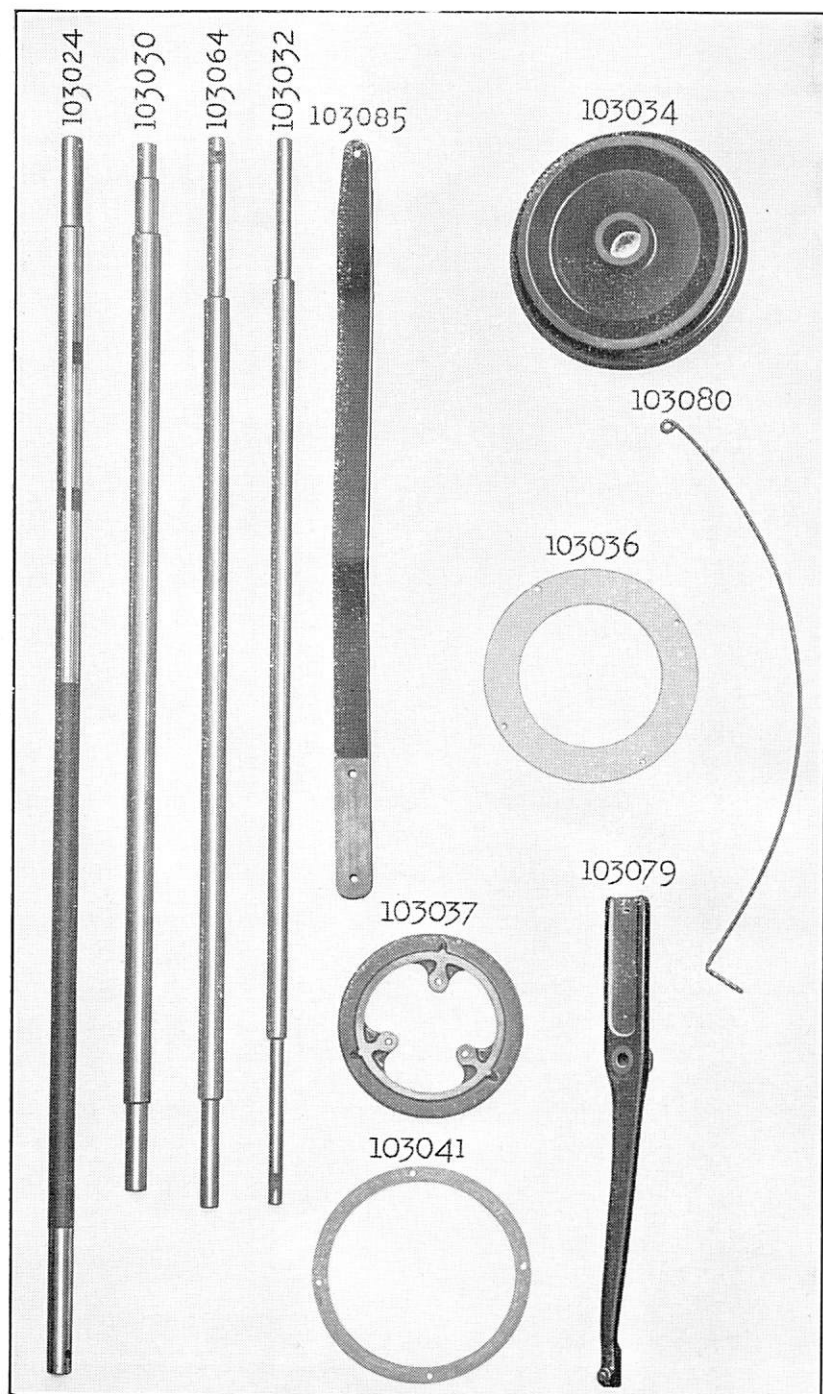


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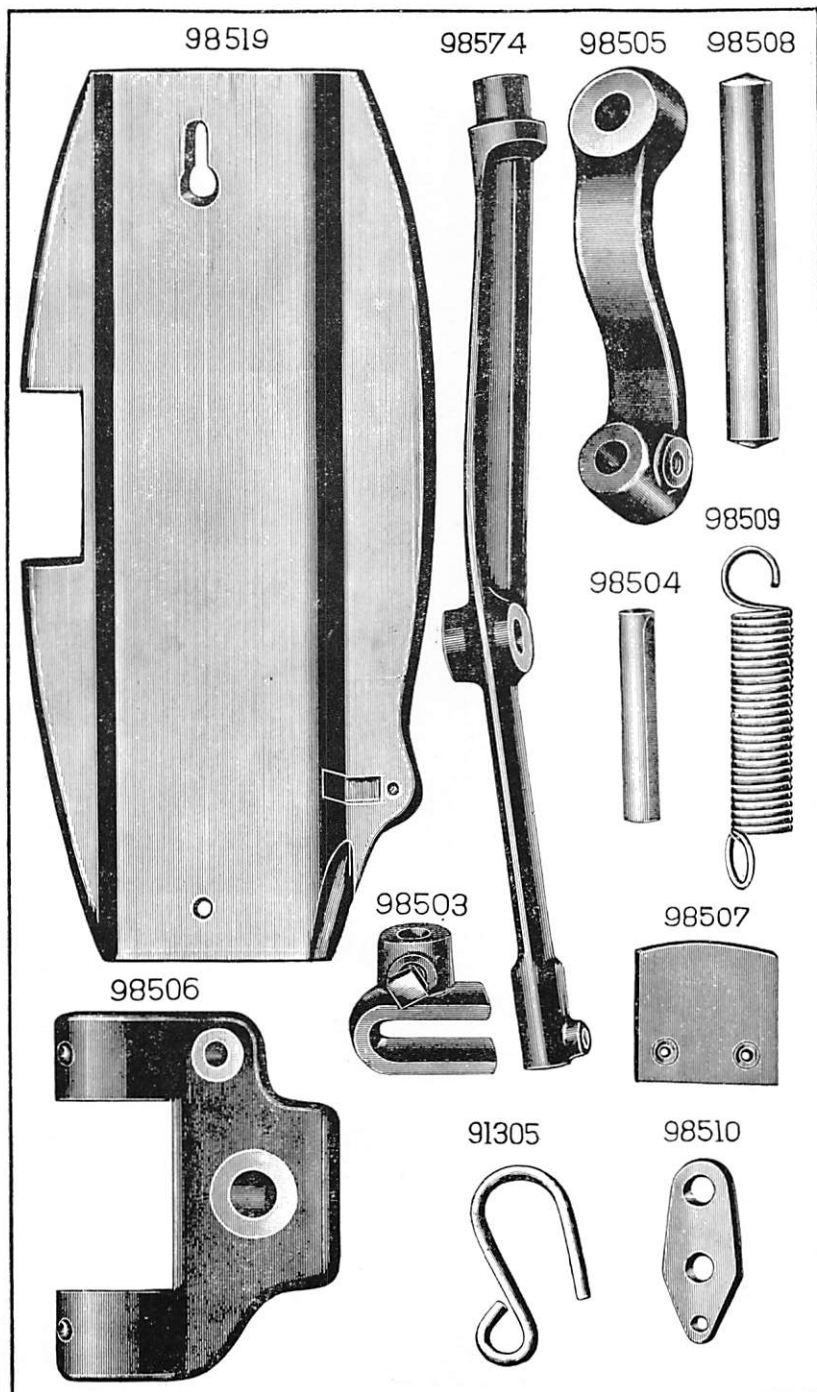


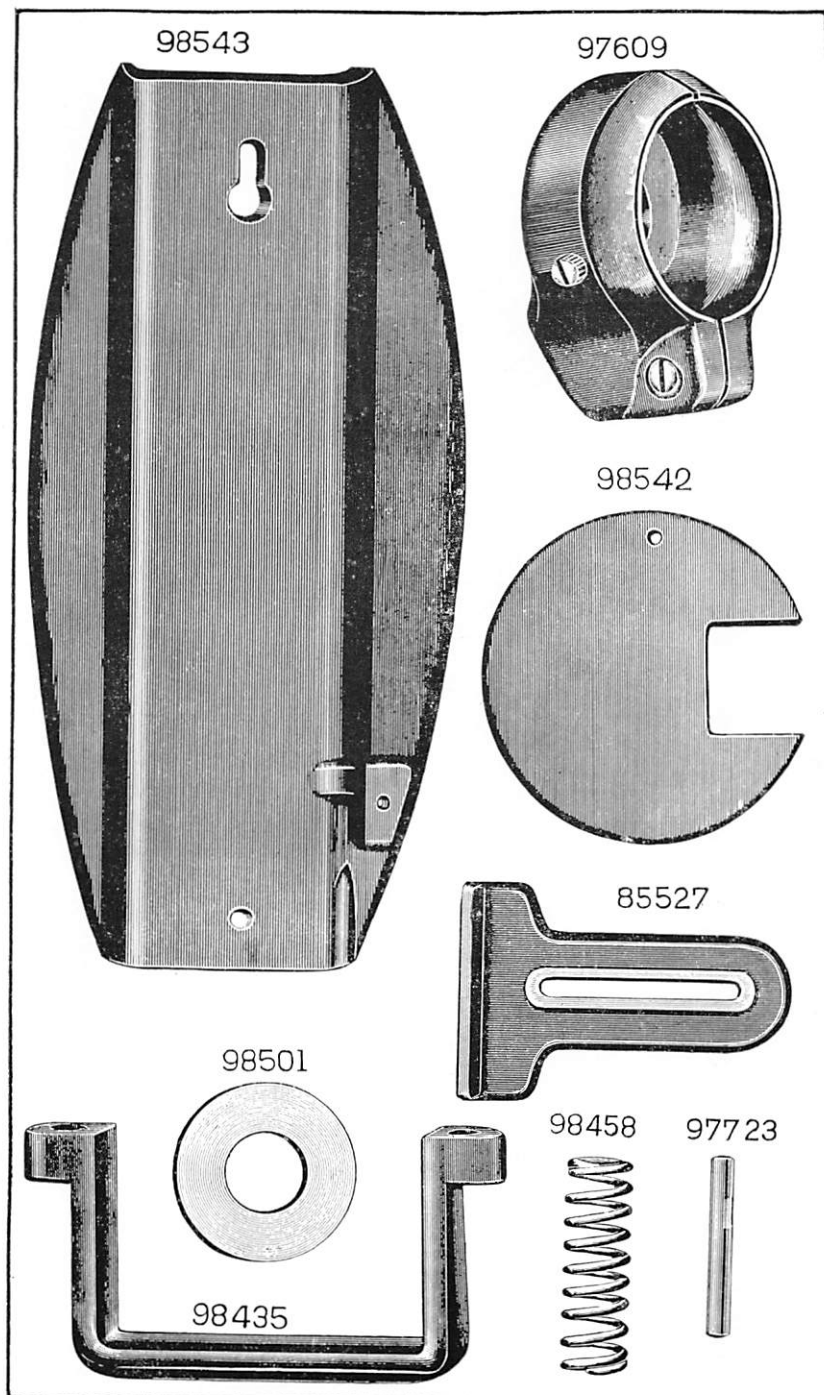
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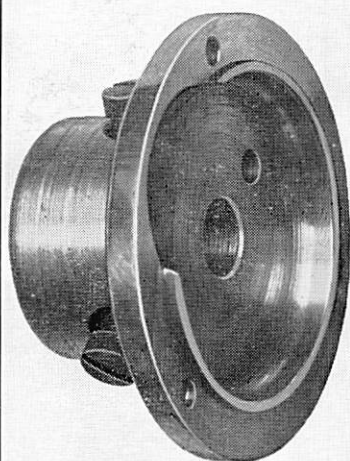




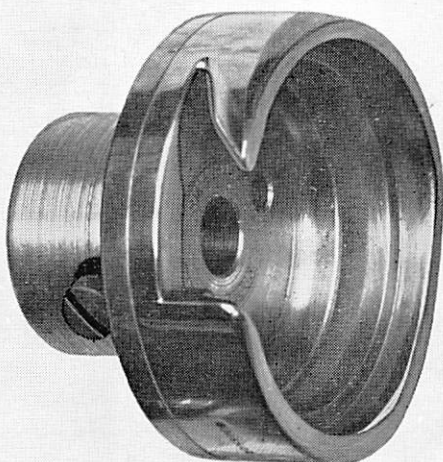




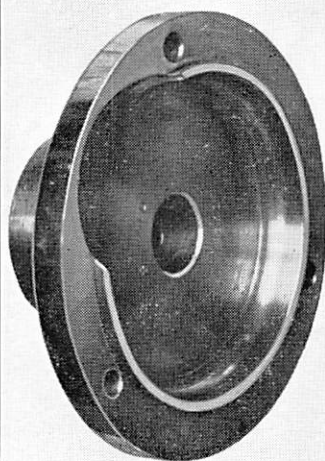
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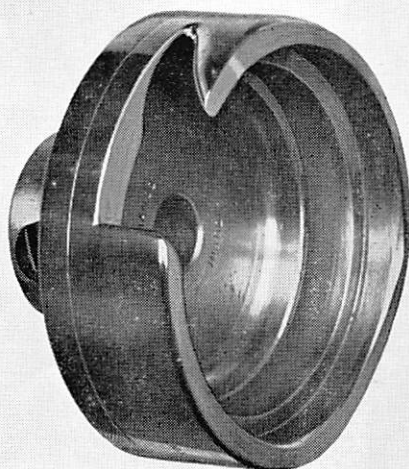
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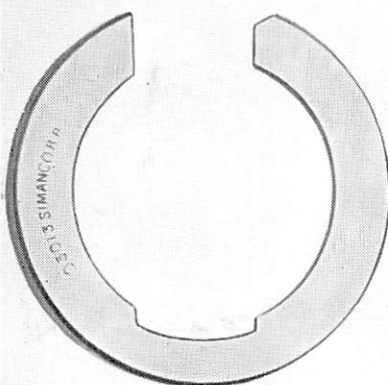


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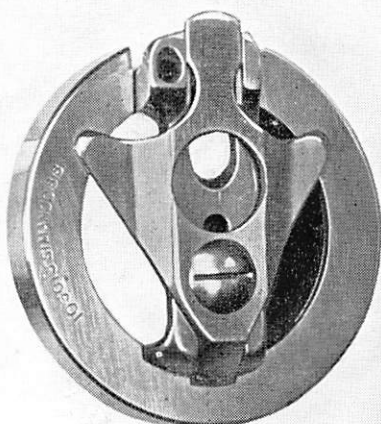




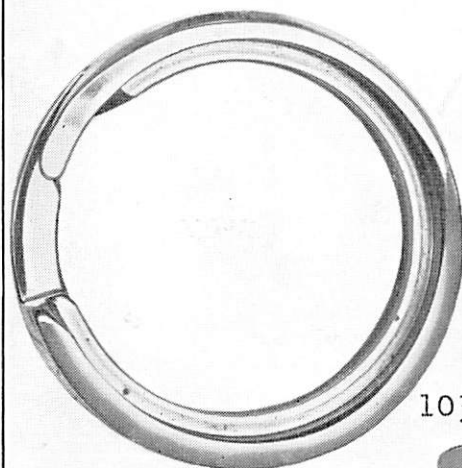
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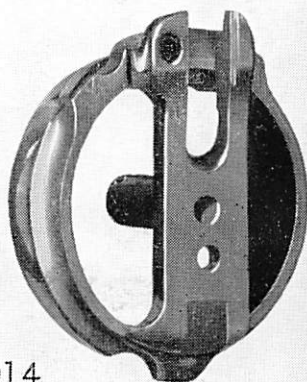
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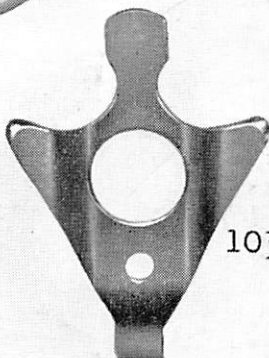
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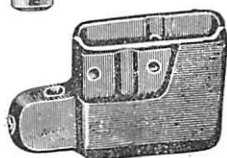




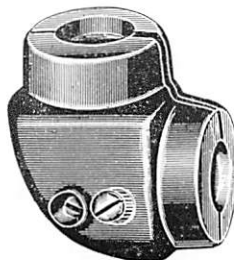
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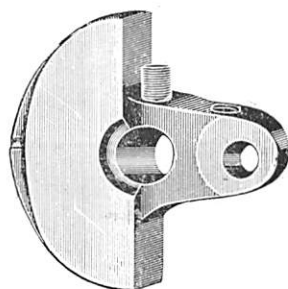
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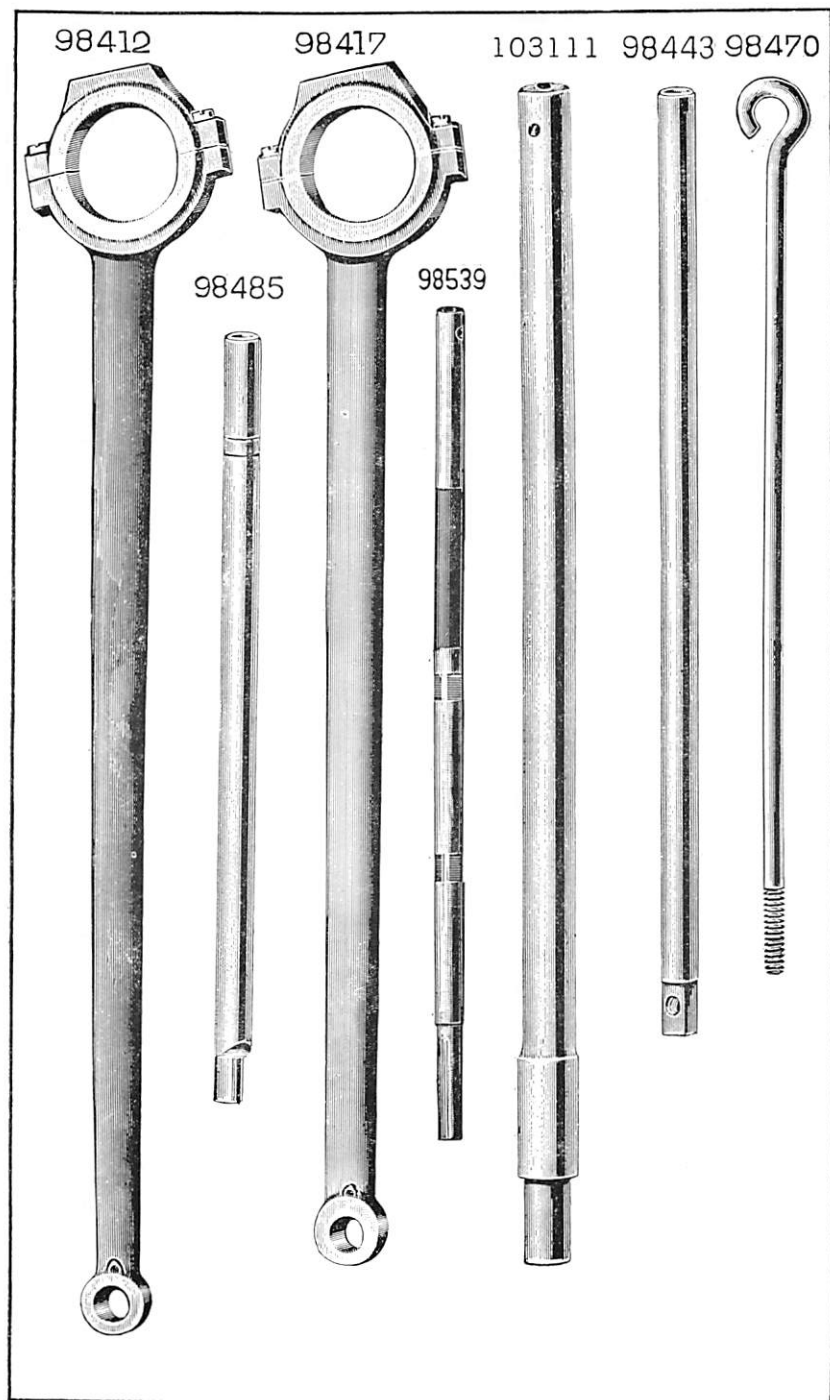


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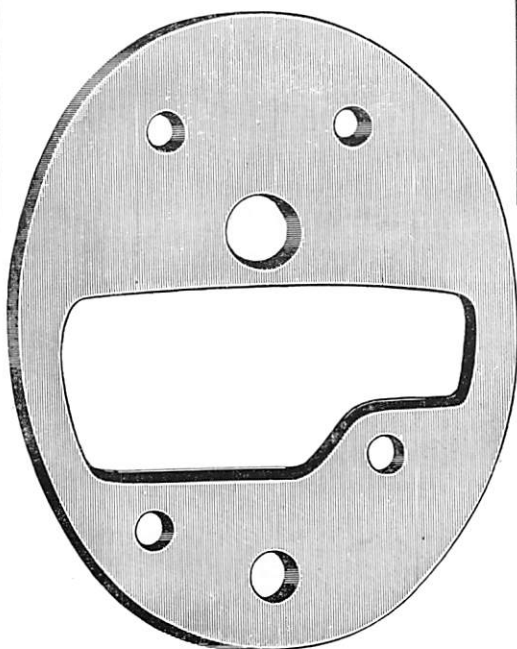
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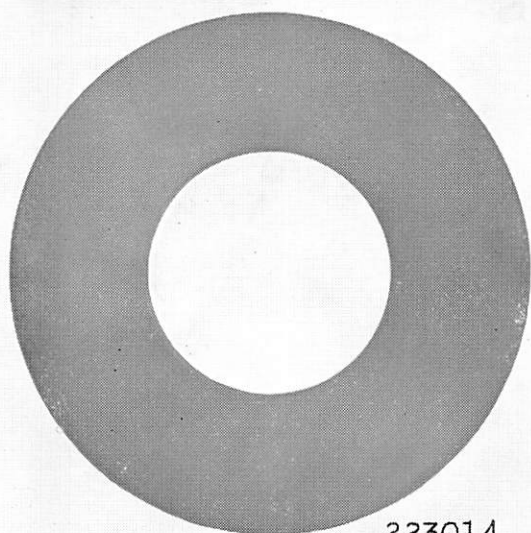
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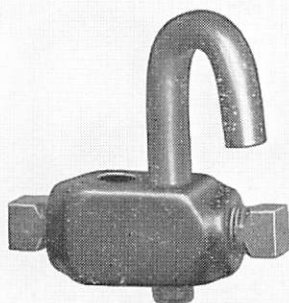
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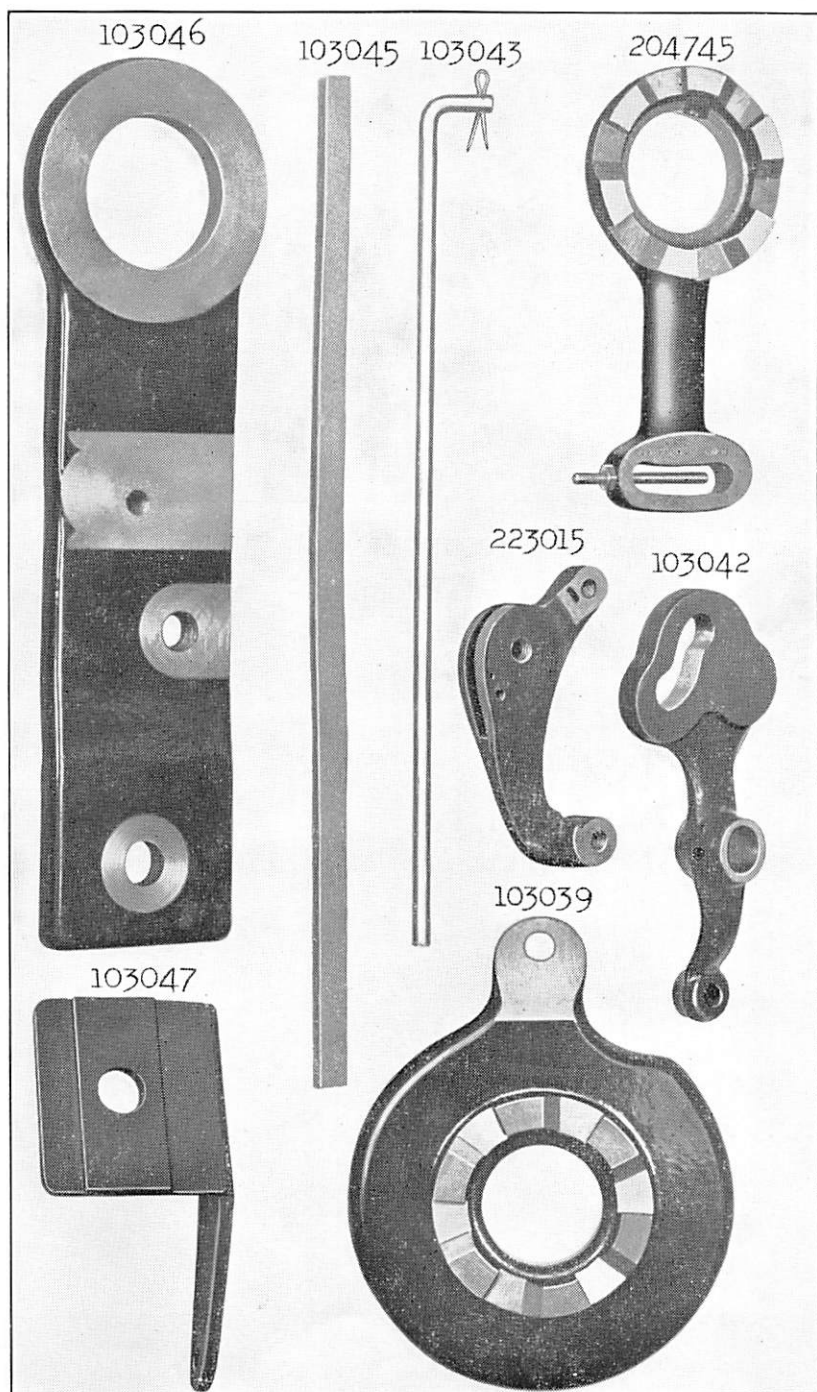
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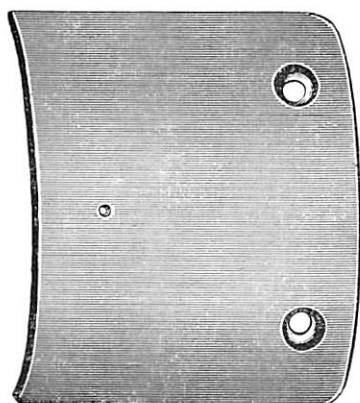
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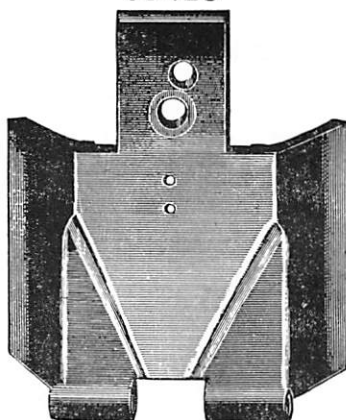




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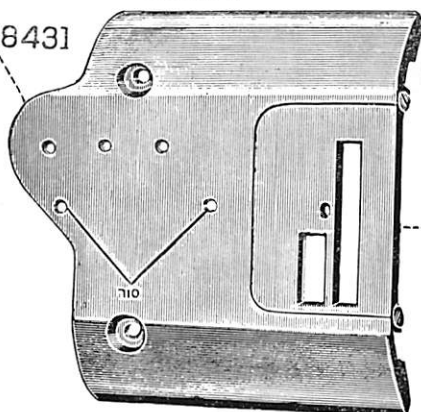


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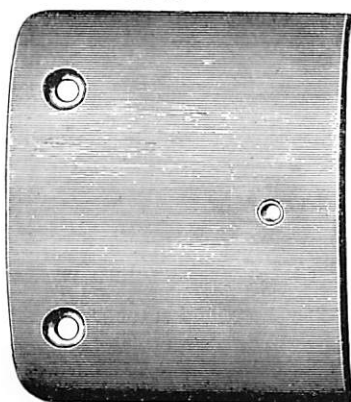
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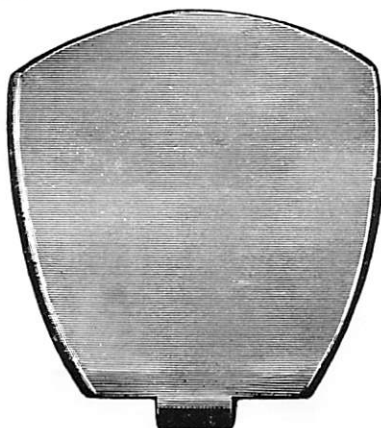
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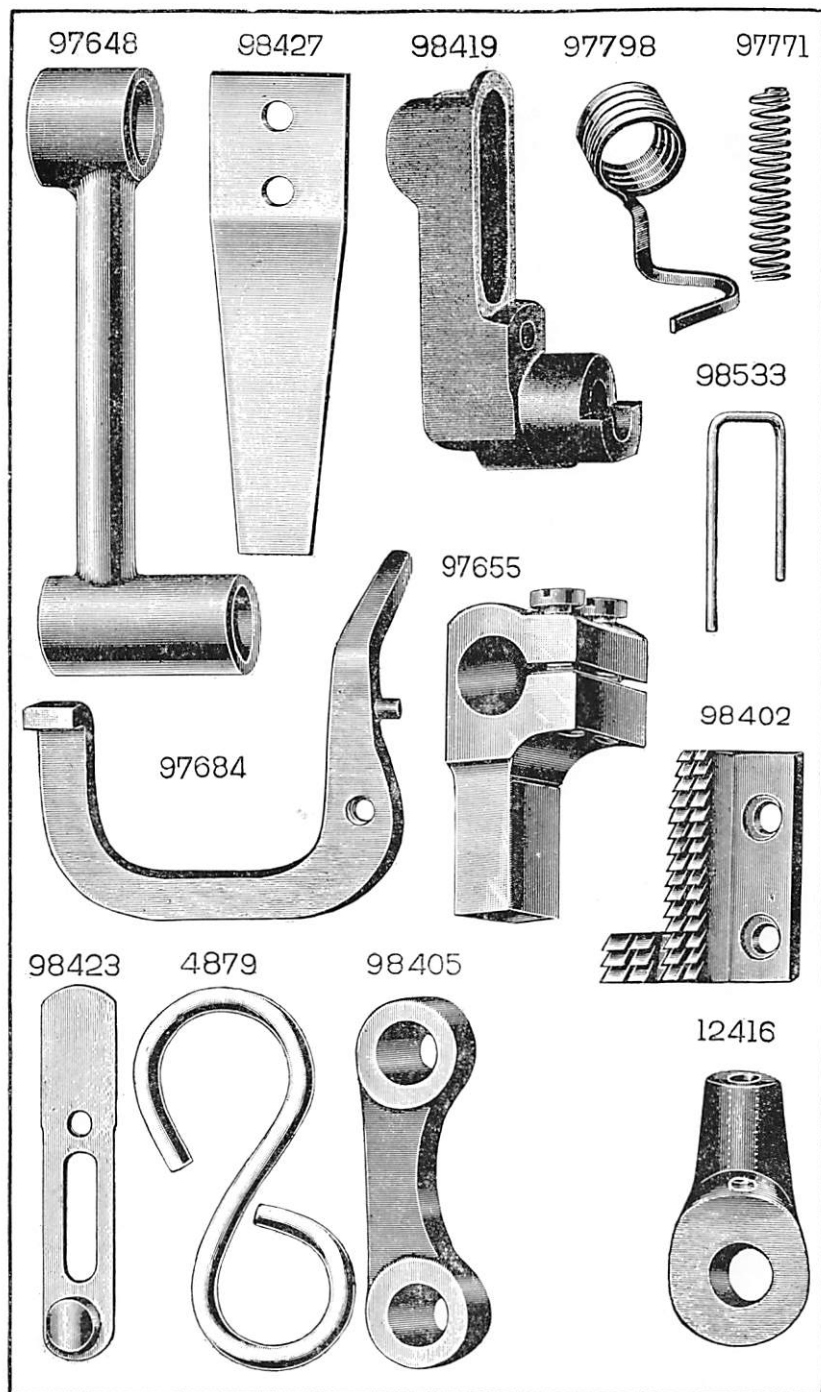


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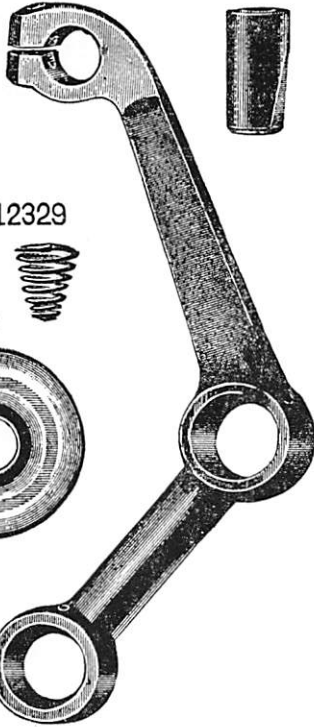
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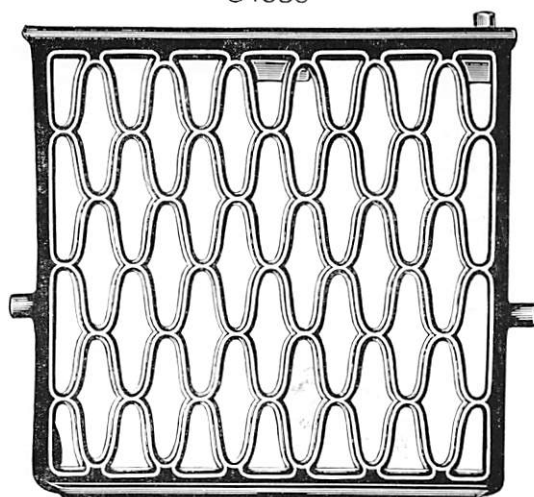
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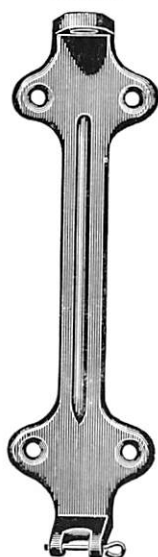
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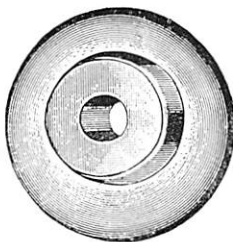
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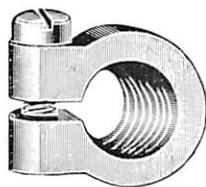
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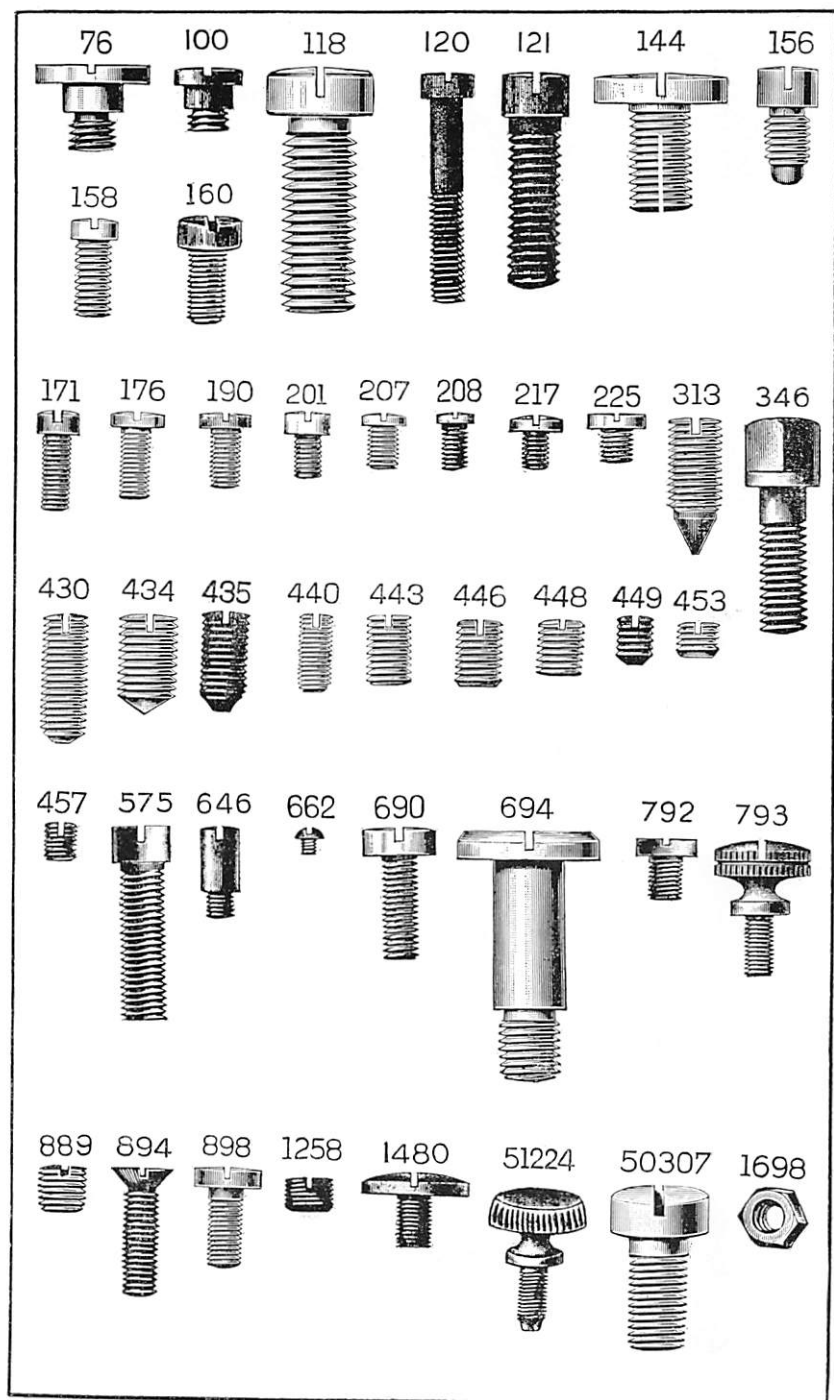


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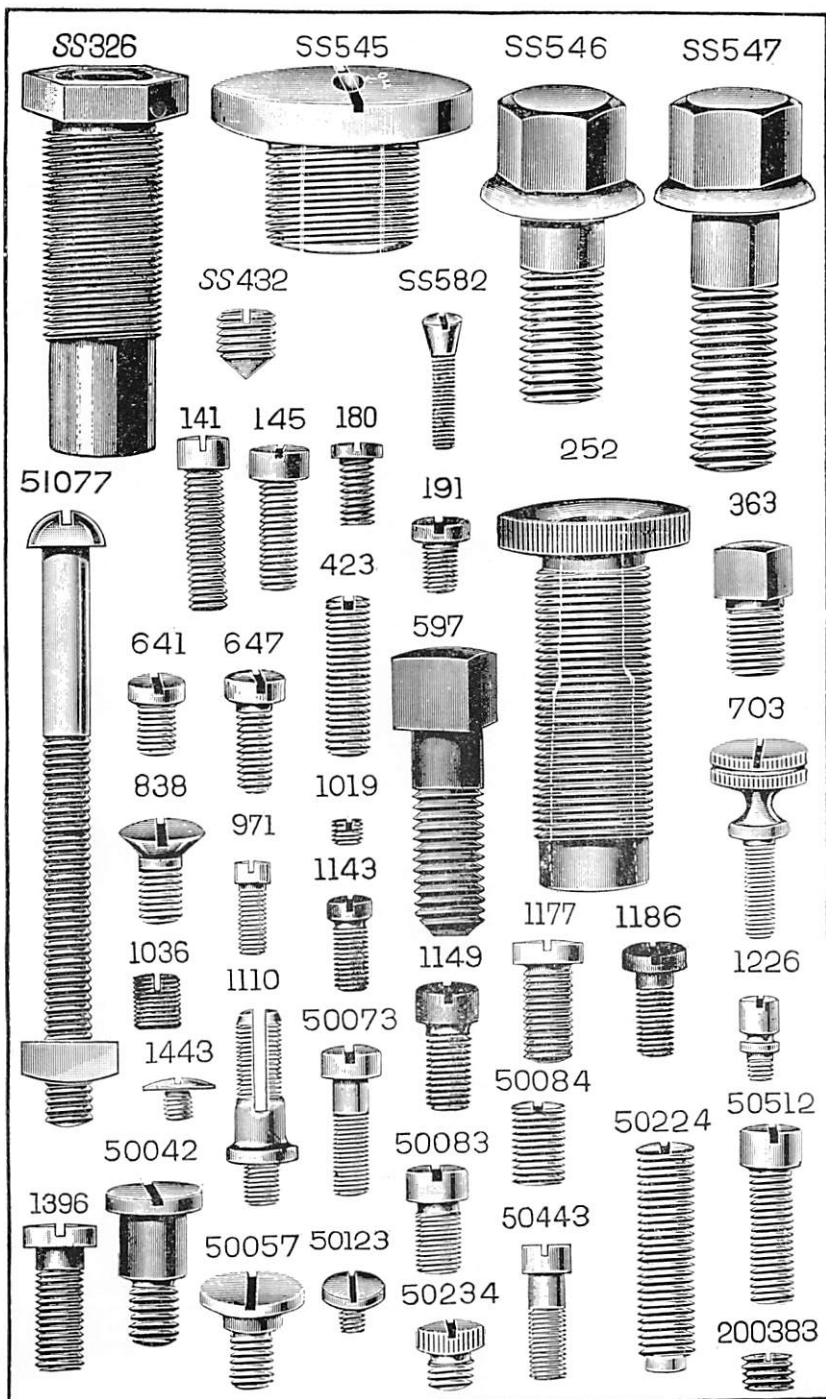


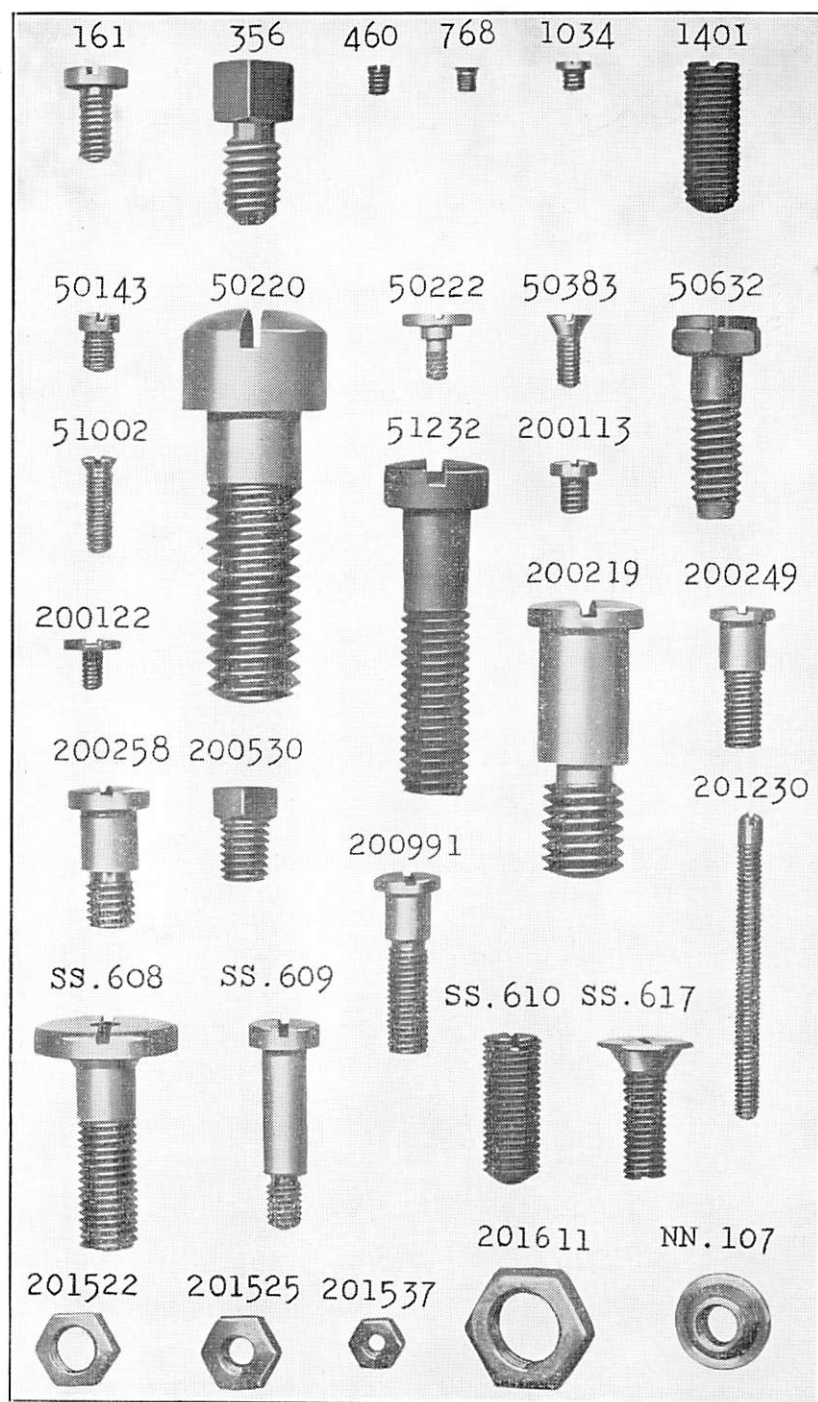
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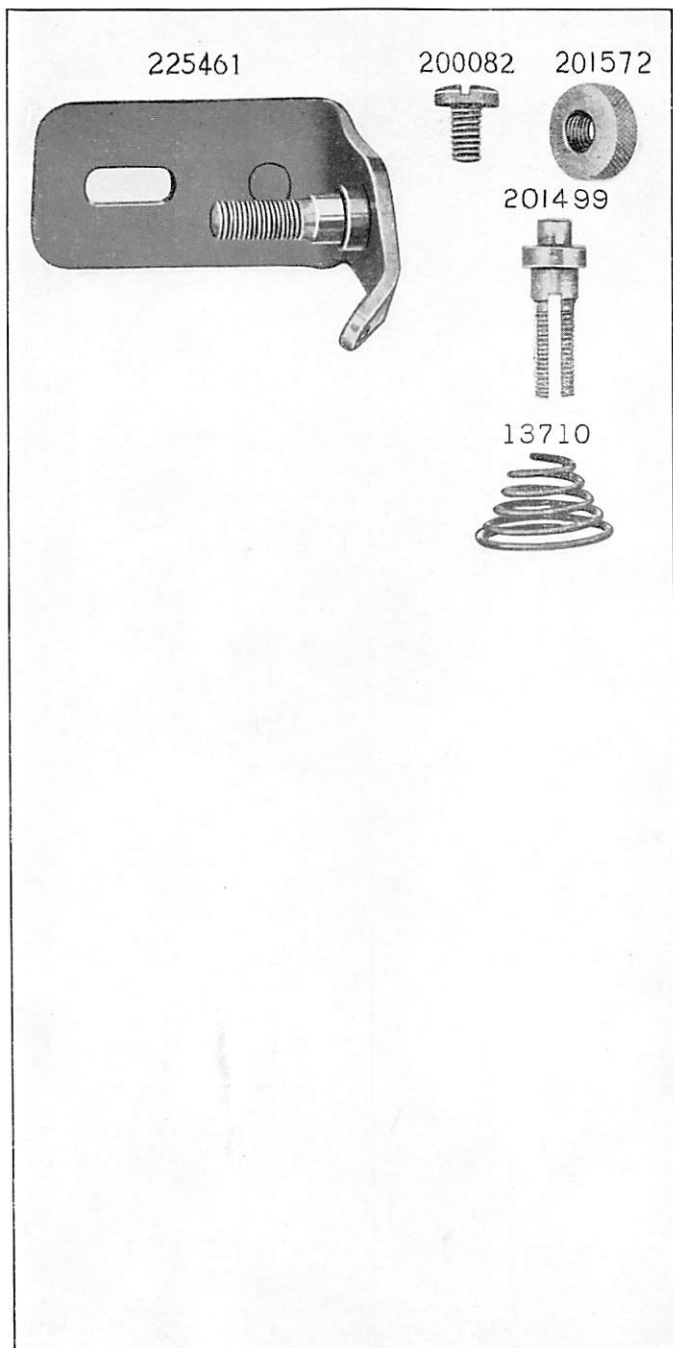


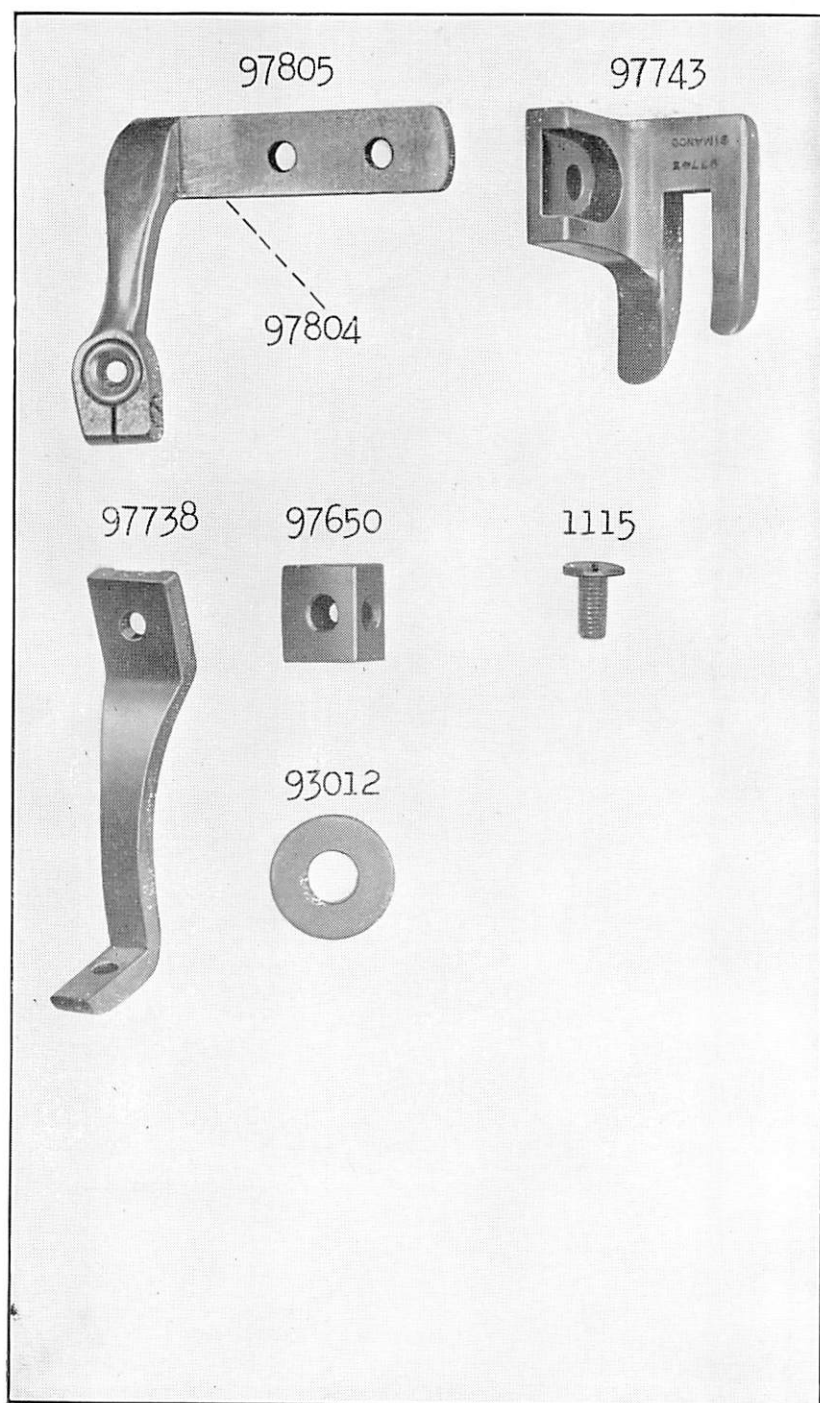




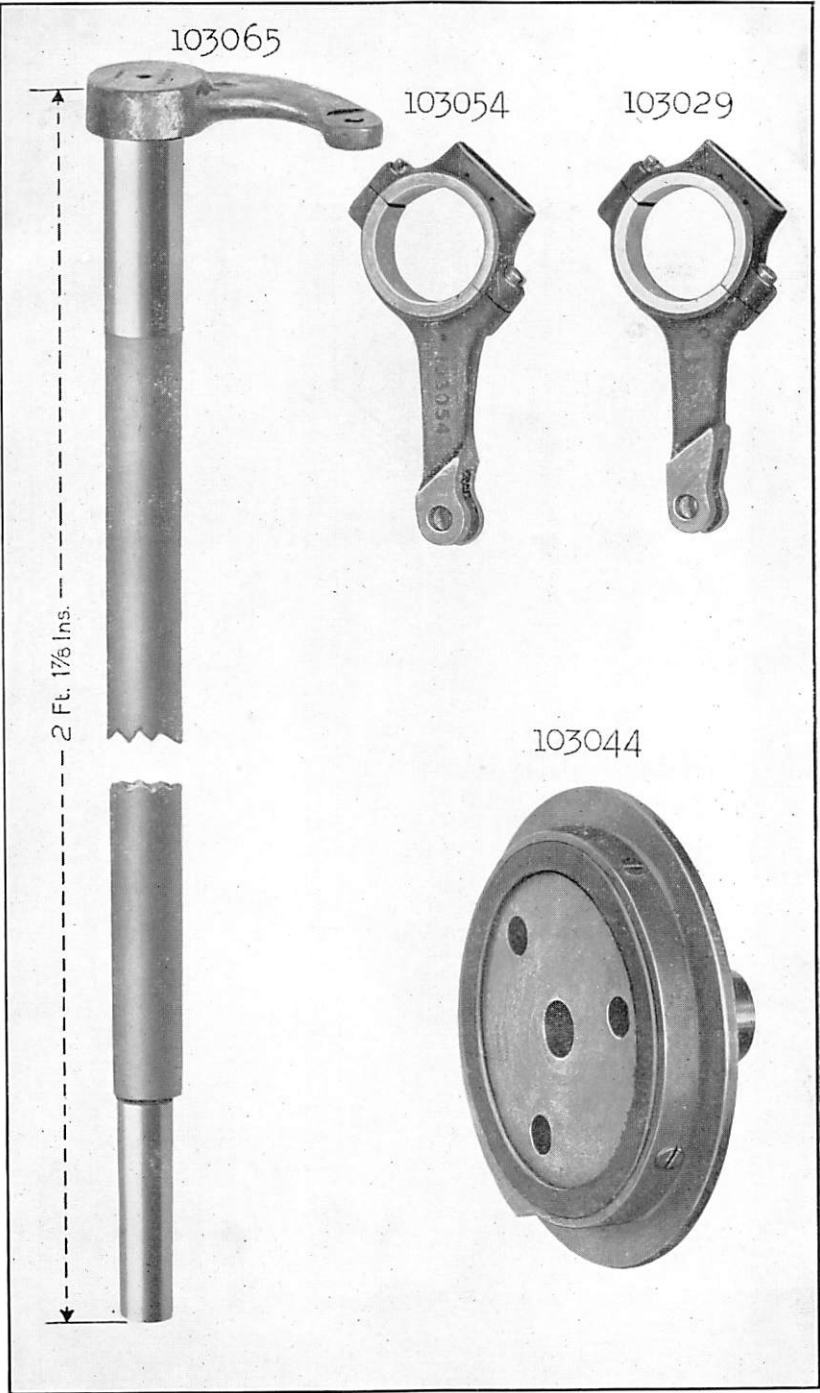


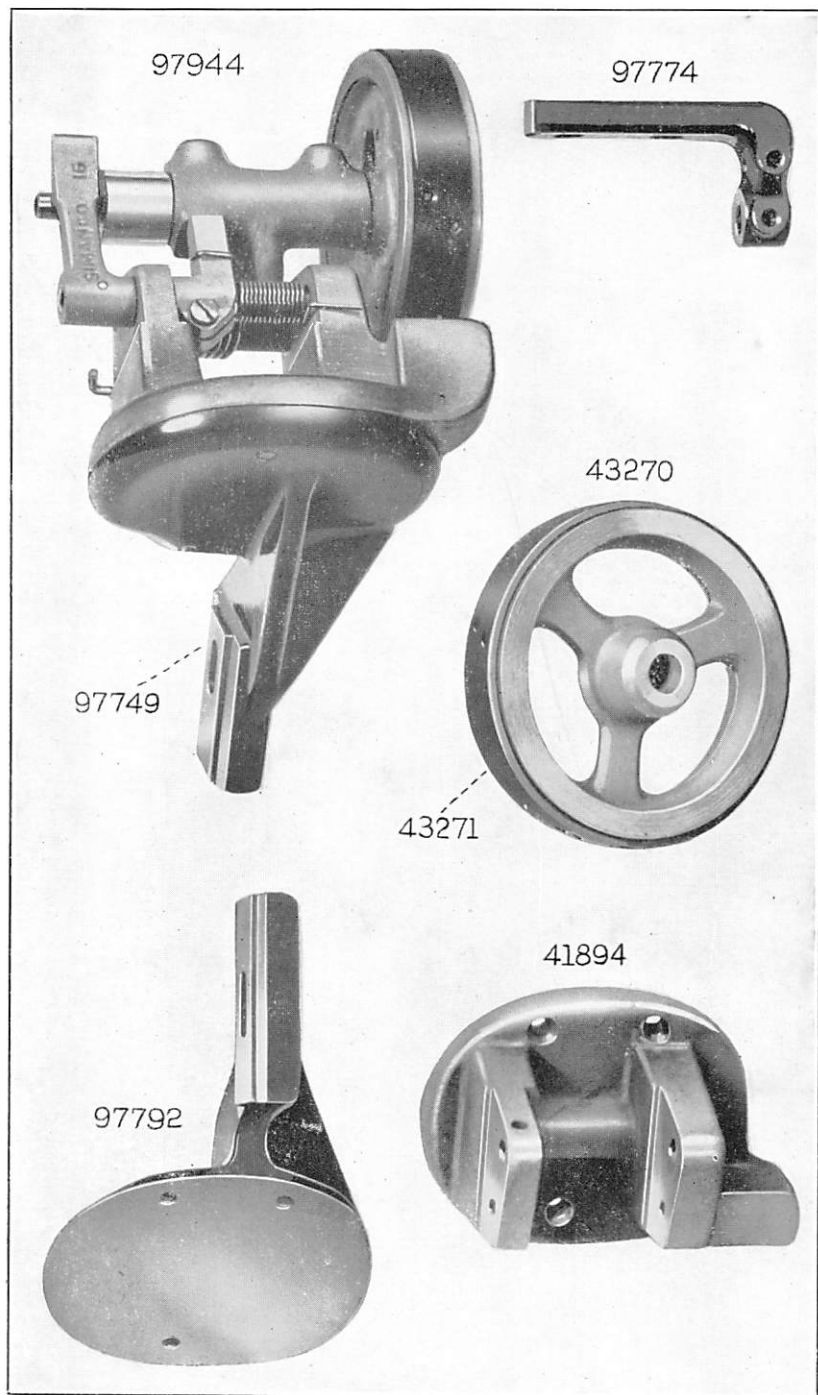


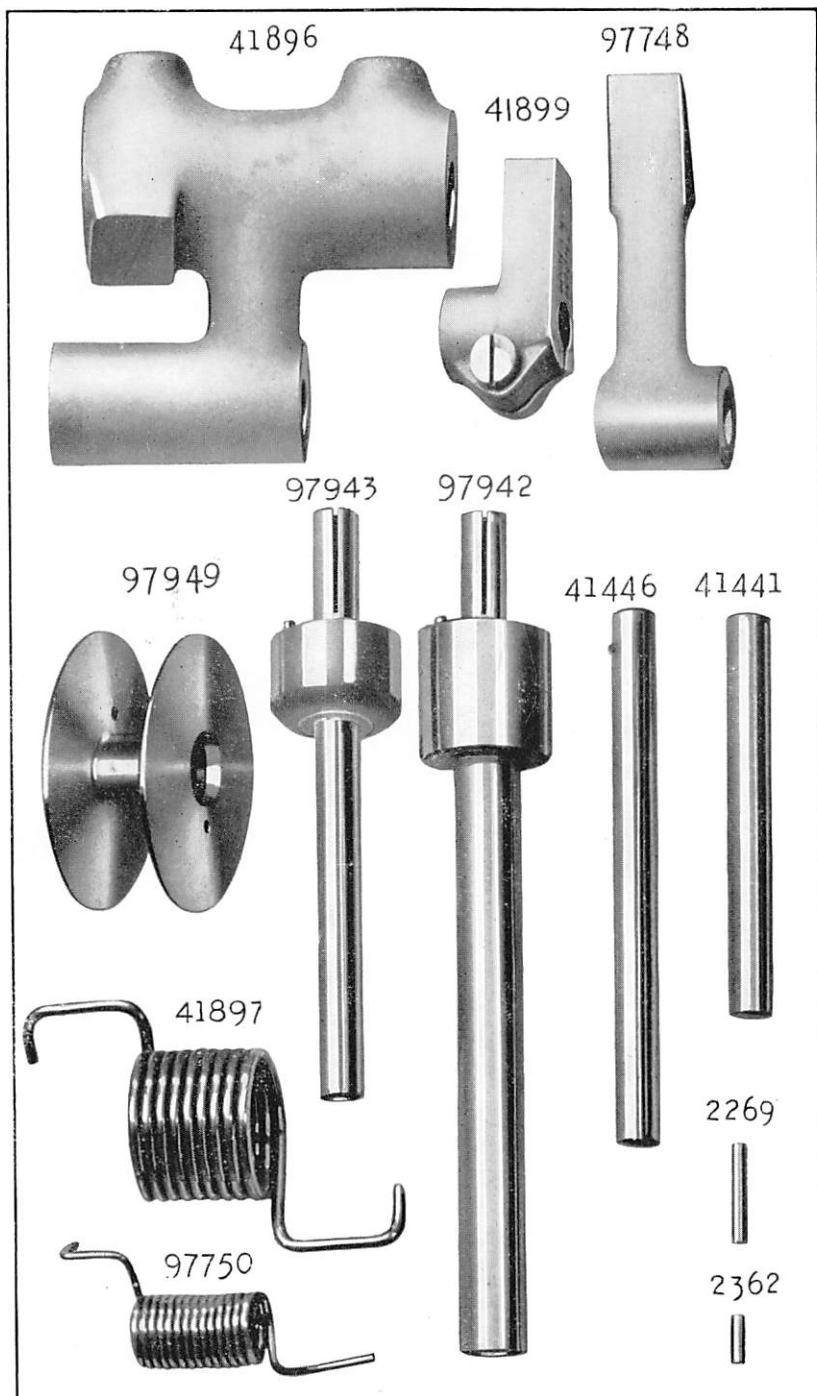




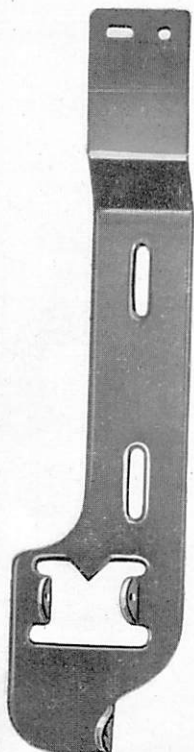








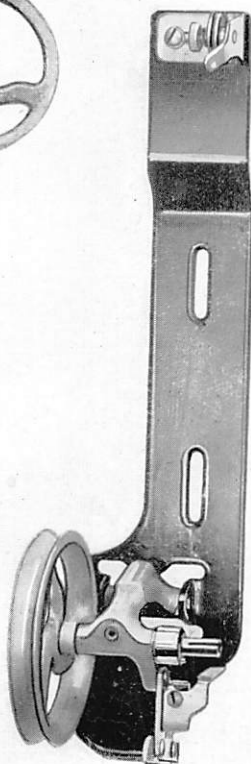
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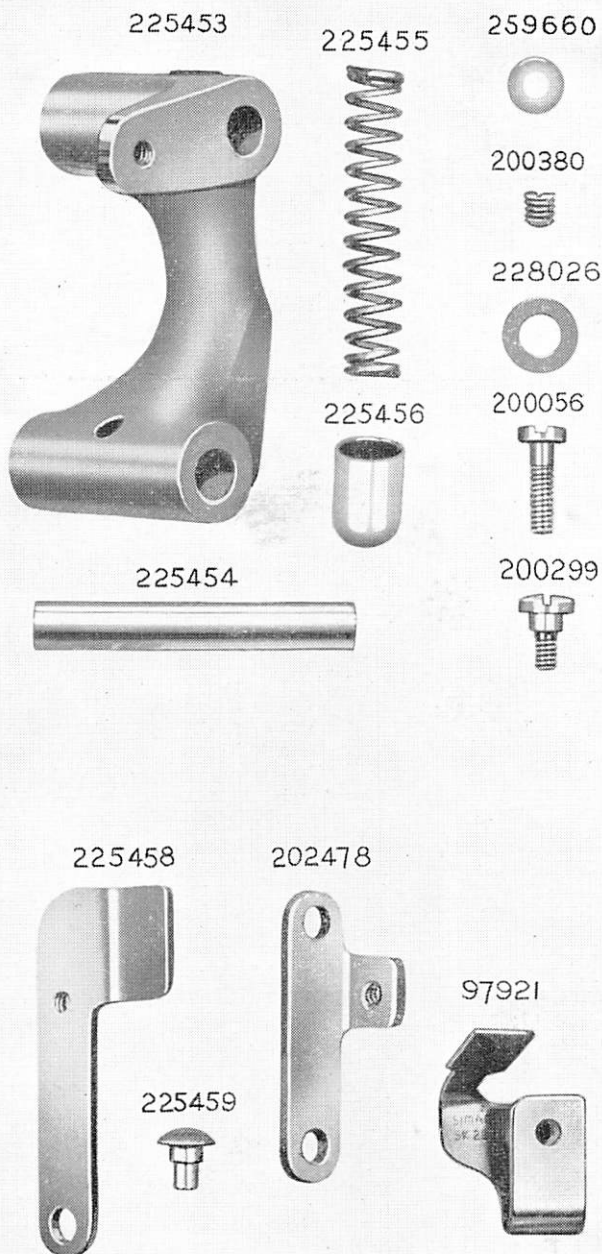
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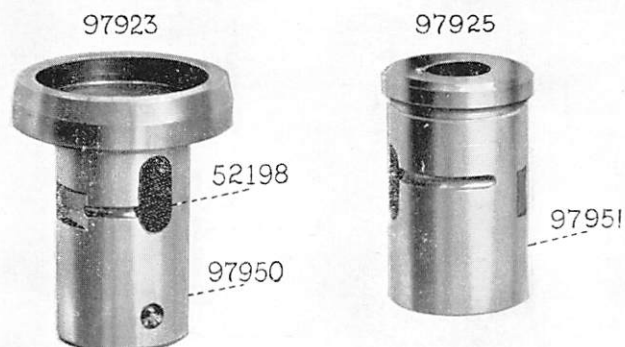


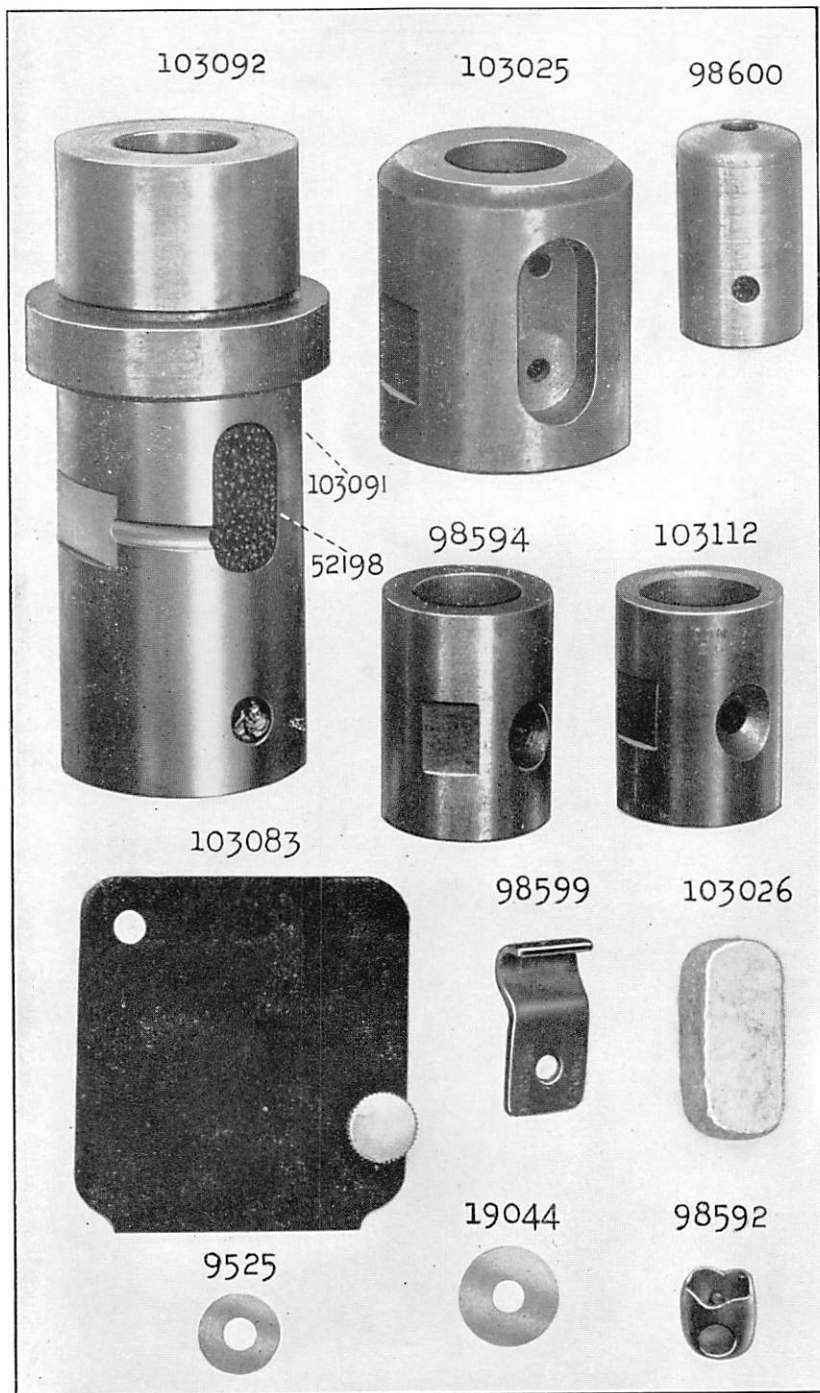
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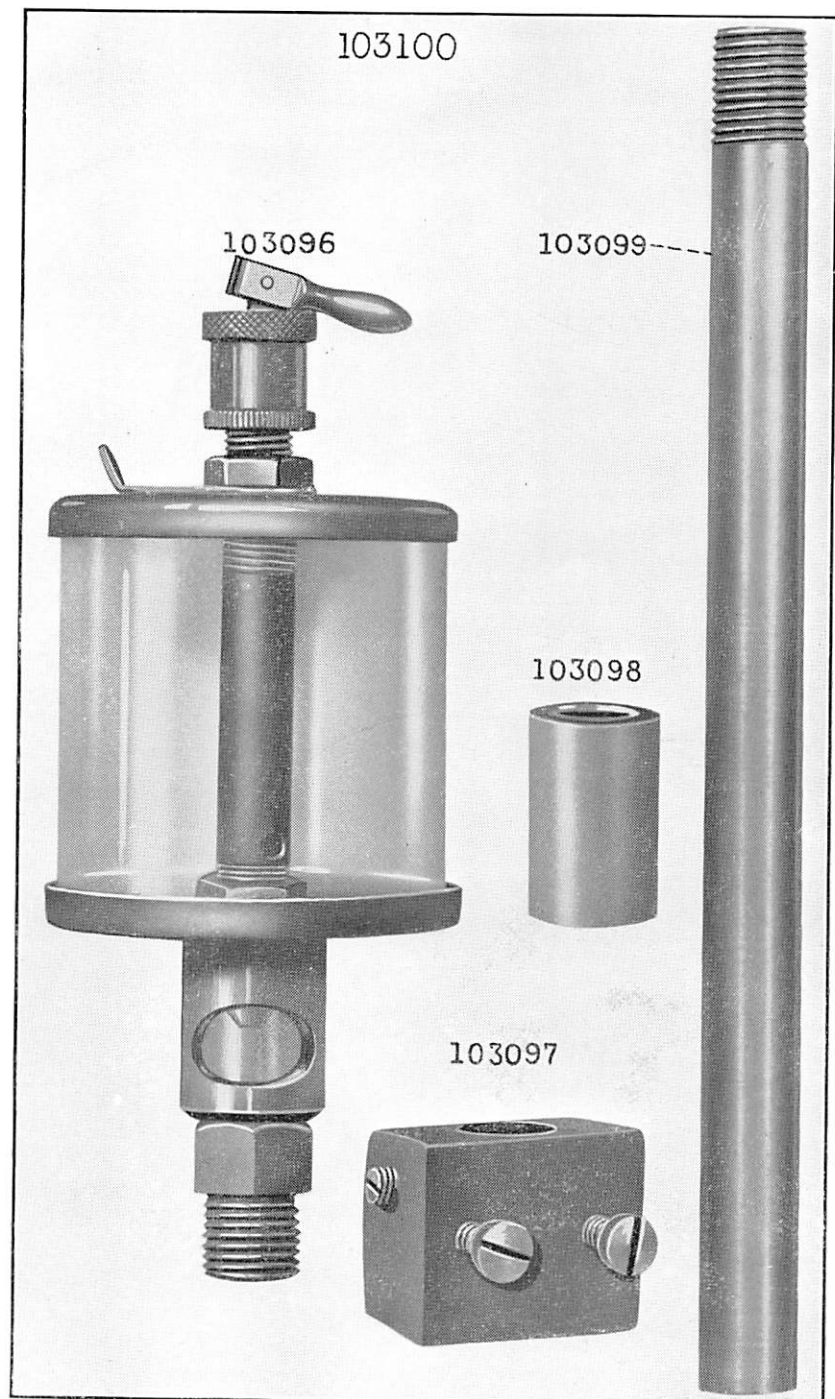






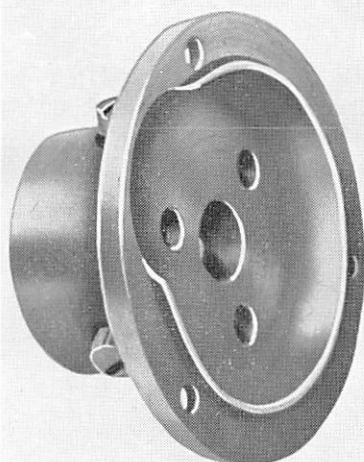




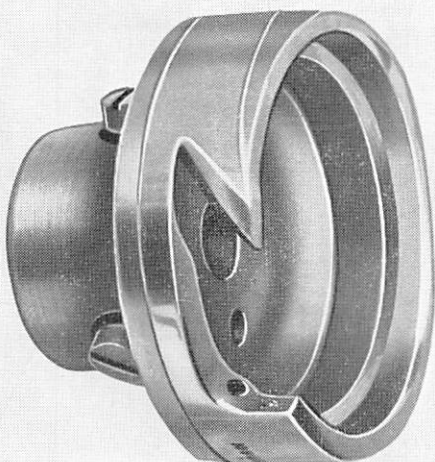




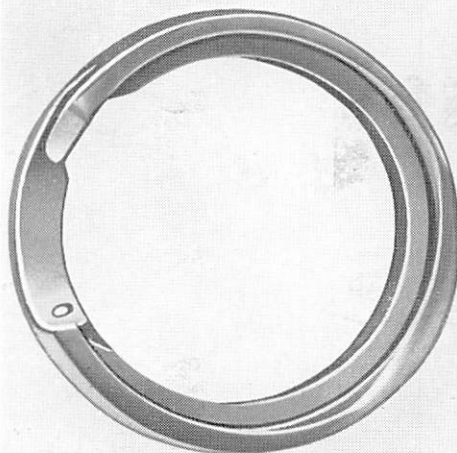
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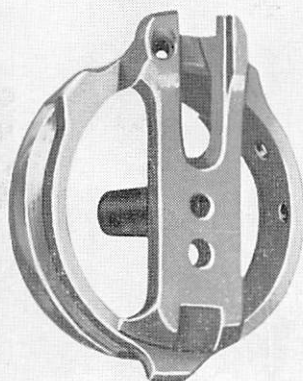
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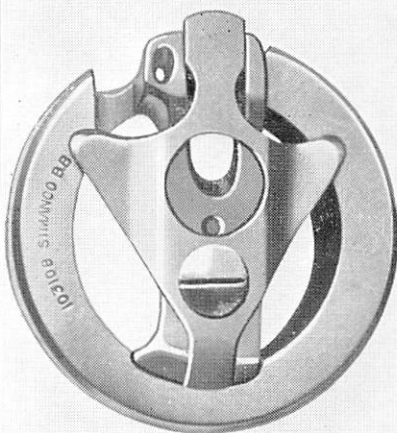
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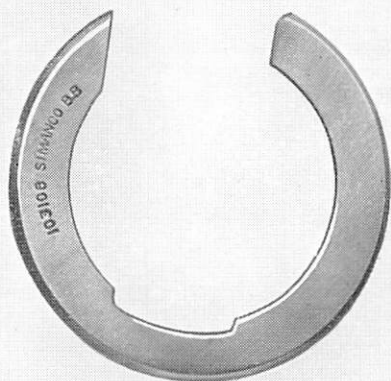
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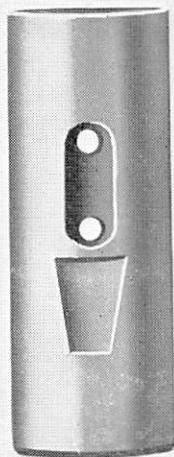
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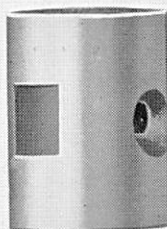
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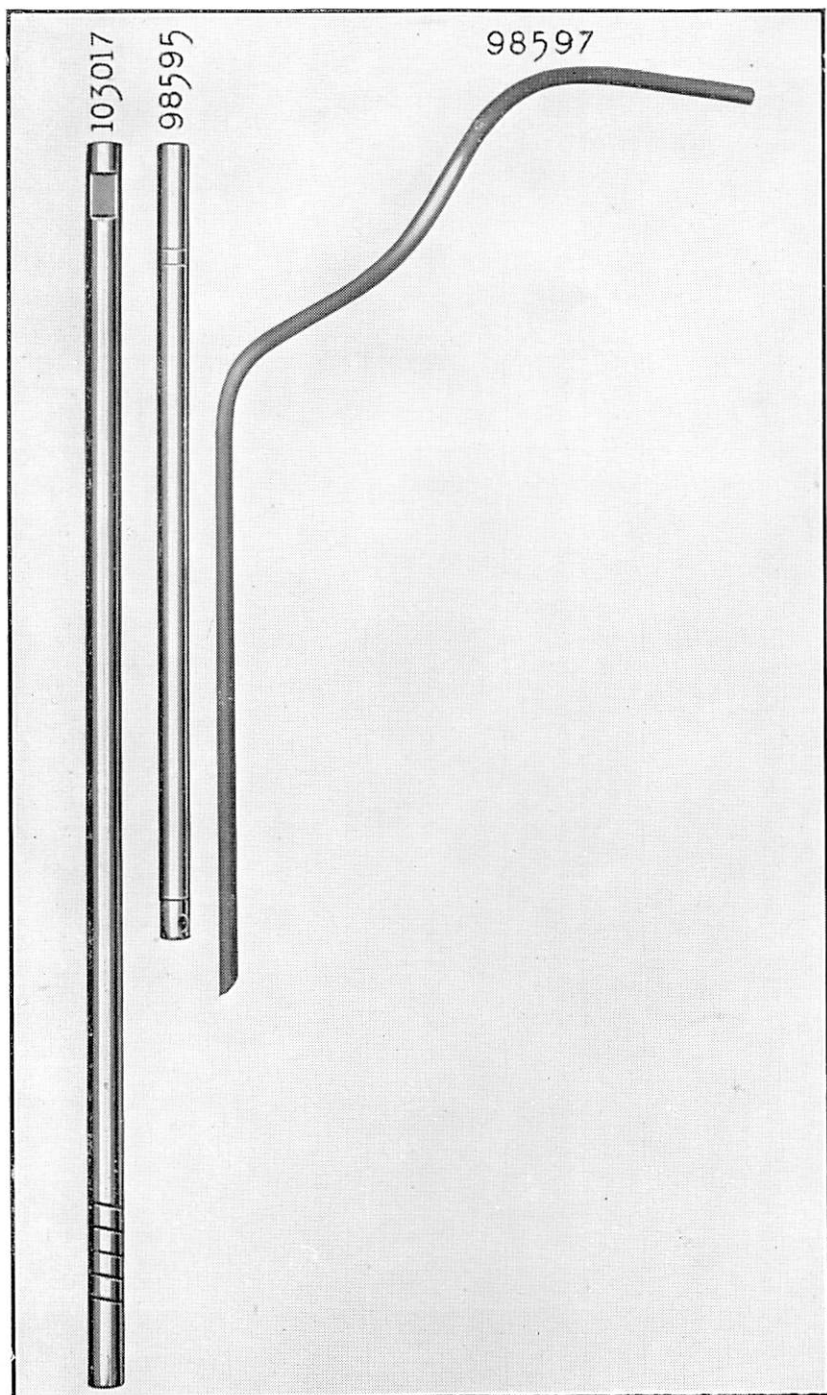


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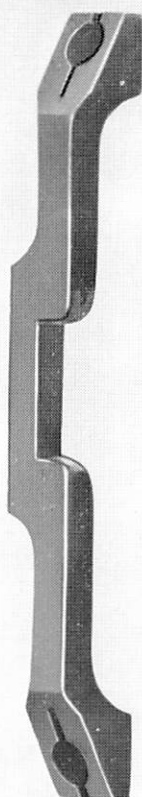




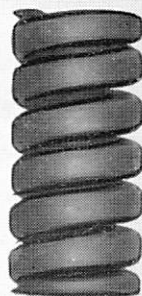
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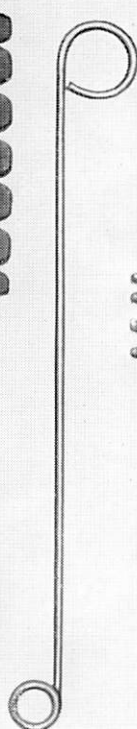
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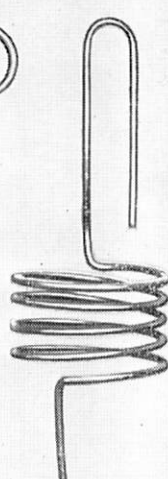
98583



98588



103012



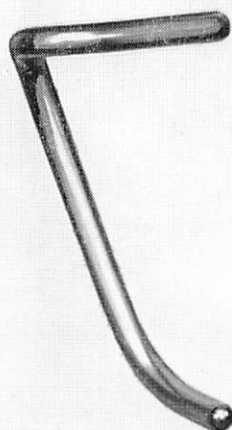
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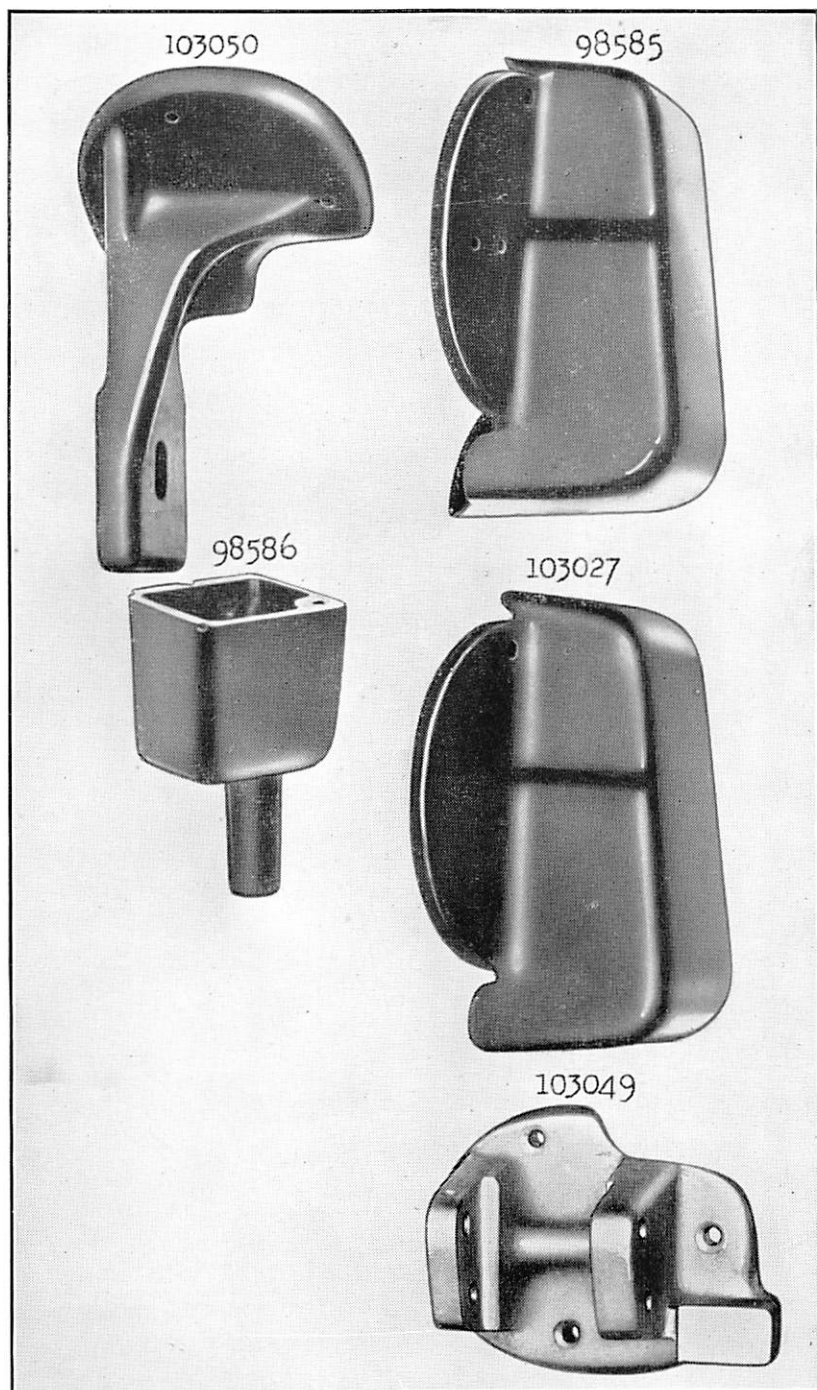
RR 40



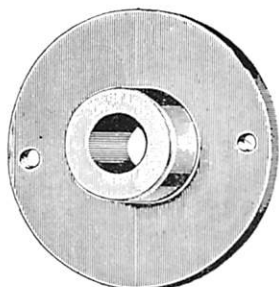
103018



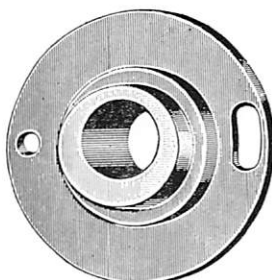




97628



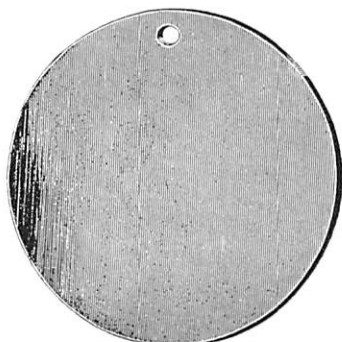
97711



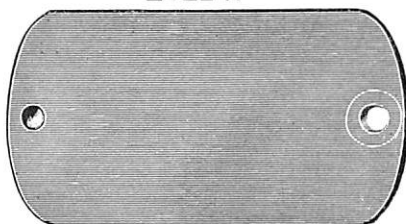
97616



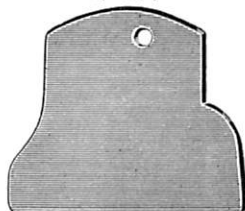
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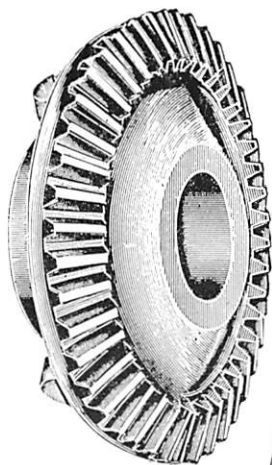
202247



97614



97807



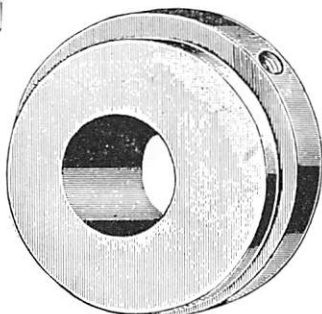
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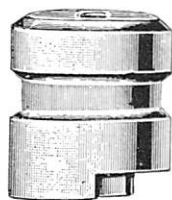
97808



97713



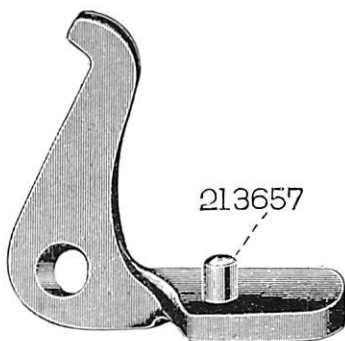
97698



97824



213161



213657

CONTENTS

ILLUSTRATED  
LIST OF PARTS  
FOR  
MACHINES Nos. 133K12 to 133K15,  
133K17 and 133K18



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# INSTRUCTIONS FOR ORDERING

In ordering from this List, the code number with the part number MUST BE quoted exactly as they are shown in the first column.

A number always indicates the same part in whatever List it may appear, or for whatever machine.

The code numbers (where shown) indicate the style of finish as follows:

New Code	Old Code	Description
801	A.	Hardened, Polished, Nickel Plated and Buffed.
802	B.	Polished, Nickel Plated and Buffed.
803	C.	Hardened only.
804	D.	Polished only.
805	E.	Soft, Not Polished.
806	F.	Hardened and Polished.
807	G.	Bright Rumbled and Nickel Plated.
808	H.	Blued.
809	J.	Nickel Plated only.
810	K.	Hardened and Nickel Plated.
811	L.	Brass Plated.
812	M.	Oxidized.
813	R.	Phosphate Coating Formed on Surface of Iron or Steel.
814	S.	Cadmium Plated.
815	T.	Copper Plated.
816	U.	Zinc Plated.
817	V.	Silver Plated.
818	W.	Polished and Nickel Plated.
819	X.	Black Oxide for Iron and Steel.
820	Y.	Black Nickel Plated only.
821	Z.	Chromium Plated.
822	A.A.	Buffed and Chromium Plated.
823	A.B.	Hardened, Polished, Buffed and Chromium Plated.
824	A.E.	Hardened, Bright Rumbled and Nickel Plated.
825	A.F.	Hardened, Bright Rumbled, Nickel Plated, Bright Rumbled and Chromium Plated.
826	A.G.	Alumilite. (Plain).
827	A.H.	Alumilite. (Dyed). Colour must be stated.
828	A.J.	Polished, Nickel Plated and Chromium Plated.
829	A.K.	Hardened, Polished, Nickel Plated and Chromium Plated.
830	A.L.	Heat Treated for Toughness.
831	A.L.D.	Heat Treated for Toughness and Polished.
832	A.L.J.	Heat Treated for Toughness and Nickel Plated.
833	A.L.X.	Heat Treated for Toughness and Black Oxide.
834	A.L.Z.B.	Heat Treated for Toughness, Polished, Nickel Plated, Buffed and Chromium Plated.
835	A.S.	Cancelled, use Paint Code 701.
836	A.T.	Cancelled, use Paint Code 709.
837	A.U.	Cancelled, use Paint Code 720.
838		
839	B.A.	Chrome Nickel, Satin Finish.
840	B.B.	Hardened and Chrome Nickel, Satin Finish.
841	C.R.	Hardened and Phosphate Coating Formed on Surface of Steel.
842	C.U.	Hardened and Zinc Plated.
843	F.J.	Hardened, Polished and Nickel Plated.
844	T.A.	Hardened, Polished, Copper and Nickel Plated and Buffed.
845	T.B.	Copper and Nickel Plated and Polished.
846	T.J.	Copper and Nickel Plated only.
847	T.K.	Hardened, Copper and Nickel Plated.
848	T.L.	Copper and Brass Plated.

(Continued over

## INSTRUCTIONS FOR ORDERING—Continued.

New Code	Old Code	Description
849	T.M.	Copper Plated and Oxidized.
850	X.C.	Hardened and Black Oxide for Iron and Steel.
851	Z.A.	Hardened, Polished, Nickel Plated, Buffed and Chromium Plated.
852	Z.B.	Polished, Nickel Plated, Buffed and Chromium Plated.
853	Z.C.	Hardened and Chromium Plated.
854	Z.D.	Polished and Chromium Plated.
855	Z.G.	Bright Rumbled, Nickel Plated, Bright Rumbled and Chromium Plated.
856	Z.J.	Nickel and Chromium Plated.
857	Z.T.	Copper and Chromium Plated.
858	A.L.Z.J.	Heat Treated for Toughness, Nickel and Chromium Plated.
859		Heat Treated for Toughness, Copper Plated and Oxidized.
860		Nickel Plated and Buffed only.
861		Alumilite (dyed)—Black.
862		" ( " )—Light Almond Green.
863		" ( " )—Dark Brown.
864		" ( " )—Russet Brown.
865		" ( " )—Dark Green.
866		" ( " )—Medium Gold.
867		Nickel-Satin Finish.
868		Hardened and Nickel-Satin Finish.

Code No.	Paint Colours	Code No.	Paint Colours
701	Gloss Black	734	Pale Red
702	Dull Black	735	Emerald Green
703	Brown	736	Green Metallic
704	Grey Wrinkle	737	Light Beige Satin Matte
705	Beige Wrinkle	738	Copper Tan
706	Black Wrinkle	739	Buff
707	Light Green	740	White
708	Dark Green	741	Dark Fawn
709	Dark Beige	742	Plum
710	Light Beige	743	Birch Brown
711	Oyster White	744	Satin Black
712		745	Gold-Buffer
713	Bright Cherry Red	746	Blue Grey
714	Light Ivory	747	Medium Gold
715	Peacock Blue	748	Sand
716	Bright Yellow	749	Khaki
717	Slate Grey	750	Flame Red
718	Deep Brown	751	Brite Green
719		752	Sage Green
720	Dark Brown	753	Mist Green
721	Aluminium	754	Ice Green Metallic
722	Dark Grey	755	Dark Beige Metallic
723	Light Grey Beige	756	Shell Pink
724	Rosewood Brown	757	Surf Green
725	Light Bisque	758	Colonial Rose
726	Light Fawn	759	Cream
727		760	Oak Brown
728	Grey Metallic	761	Deep Fawn
729	Russet Brown	762	Medium Green
730	Pale Green	763	Light Green Metallic
731	Light Almond Green	764	Light Gold
732	Dusty Bisque	765	Persimmon
733	Chocolate Brown	766	Mahogany Brown

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

# LIST OF PARTS COMPLETE FOR MACHINE No. 133K12

No Feeding Mechanism, Lifting Presser (high lift), Stop Motion for Single Tacks, Tension Release, and Work Plate. For Tacking Cushion Pads and Similar Work.

No.	Plate	
†*98536	—	Arm with 56003 and five 97829 ... ..

*NOTE.—Due to the accuracy required for gear alignment, Arm cannot be supplied separately and can only be sent out as a unit, Arm and Bed assembled.*

98537	2302	Arm Dowel Pin (2)	...	...	...	...	...
56003	2302	" Oil Tube with 52045	...	...	...	...	...
52045	2081	" " " Packing (felt)	...	...	...	...	...
98538	2297	" Packing Plate	...	...	...	...	...
51232e	2309	" Screw (4)	...	...	...	...	...
98539	2296	" Shaft (horizontal)	...	...	...	...	...
103091	2477	" " ( " ) Flanged Bushing (back)	...	...	...	...	...
103092	2477	" " ( " ) " " ( " )	103091 with	...	...	...	...
			52198 and 97924	...	...	...	...
97829	2073	" " ( " ) " " ( " )	Oiler	...	...	...	...
52198	2471	" " ( " ) " " ( " )	Oil Pad	...	...	...	...
			(outside, felt)	...	...	...	...
97924	—	" " ( " ) " " ( " )	Oil Pad	...	...	...	...
			(inside, braided cotton)	...	...	...	...
446c	2307	" " ( " ) " " ( " )	Set Screw	...	...	...	...
97951	2471	" " ( " ) " " ( " )	(front)	...	...	...	...
97925	2471	" " ( " ) " " ( " )	97951 with	...	...	...	...
			52198 and 97926	...	...	...	...
97829	2073	" " ( " ) " " ( " )	Oiler	...	...	...	...
52198	2471	" " ( " ) " " ( " )	Oil Pad	...	...	...	...
			(outside, felt)	...	...	...	...
97926	—	" " ( " ) " " ( " )	Oil Pad	...	...	...	...
			(inside, braided cotton)	...	...	...	...
50084c	2308	" " ( " ) " " ( " )	(front) Set Screw	...	...	...	...
97807	2727	" " ( " ) Gear with three 50083c	...	...	...	...	...
97609	2288	" " ( " ) " Case (2 pieces) with 121e and	...	...	...	...	...
			50234d	...	...	...	...
50234d	2308	" " ( " ) " " Plug Screw	...	...	...	...	...
121e	2307	" " ( " ) " " Screw	...	...	...	...	...
50083c	2308	" " ( " ) " Set Screw	...	...	...	...	...
SS608d	2309	" " ( " ) Screw	...	...	...	...	...
98540	2297	" " (upright)	...	...	...	...	...
98541	2302	" " ( " ) Bushing (lower)	...	...	...	...	...
97829	2073	" " ( " ) " ( " ) Oiler	...	...	...	...	...

† For Two-Tone Machines the finish of these parts is Grey Metallic (Colour Code No. 728).



No.	Plate								
575c	2307	Arm Shaft (upright)	Bushing (lower)	Set Screw	...	...			
97612	1970	"	" ( " )	" (upper)	...	...			
97829	2073	"	" ( " )	" ( " )	Oiler...	...			
575c	2307	"	" ( " )	" ( " )	Set Screw	...			
97808	2727	"	" ( " )	Gear (lower) with SS580f and two SS581c					
SS580f	2088	"	" ( " )	" ( " )	Position Screw	...			
SS581c	2088	"	" ( " )	" ( " )	Set Screw	...			
97809	2727	"	" ( " )	Gear (upper) with SS580f and two SS581c					
SS580f	2088	"	" ( " )	" ( " )	Position Screw	...			
SS581c	2088	"	" ( " )	" ( " )	Set Screw	...			
97614	2726	"	Side Cap	...	...	...			
1226d	2308	"	" " Screw	...	...	...			
†98542	2288	"	" Cover	...	...	...			
51224d	2307	"	" " Thumb Screw	...	...	...			
†202247	2726	"	Top Cover	...	...	...			
SS505h	2088	"	" " Screw	...	...	...			
202248	2306	"	" " " Washer	...	...	...			
82403	2302	"	Spool Pin (2)	...	...	...			
†97616	2726	"	" " Bushing	...	...	...			
†*98440	—	Bed with 97829	...	...	...	...			

NOTE.—Due to the accuracy required for gear alignment, Bed cannot be supplied separately and can only be sent out as a unit, Arm and Bed assembled.

†98543	2288	Face Plate	...	...	...	...			
SS45f	2088	"	" Screw (2)	...	...	...			
97622	1970	"	" Thread Guard	...	...	...			
190d	2307	"	" " " Screw	...	...	...			
98484	2081	"	" " " Thread Retainer	...	...	...			
98544	2297	Lifting Presser Bar	...	...	...	...			
98583	2724	"	" " " Cushion Spring	...	...	...			
97655	2303	"	" " " Guide Bracket with two 1186c	...	...	...			
1186c	2308	"	" " " " Clamping Screw	...	...	...			
SS326e	2308	"	" " " Screw Bushing	...	...	...			
89298	2297	"	" " " Spring	...	...	...			
98545	2101	"	" " " Yoke with two 50443d	...	...	...			
50443d	2308	"	" " " " Screw	...	...	...			
98546	2302	"	" " " " Socket	...	...	...			
NN104e	2306	"	" " " " " Nut with 50073d	...	...	...			
50073d	2308	"	" " " " " " Clamping Screw	...	...	...			
98547	2101	"	" " " Foot	...	...	...			
SS329f	2088	"	" " " " Screw	...	...	...			
1547c	2306	"	" " " " " Nut	...	...	...			
103036	2286	Machine Driving Friction	(leather)	...	...	...			
103037	2286	"	" " " Clamp	...	...	...			
103038	2298	"	" " " " Operating Washer	...	...	...			

† For Two-Tone Machines the finish of these parts is Grey Metallic (Colour Code No. 728).

No.	Plate									
103039	2299	<b>Machine Driving Friction Clamp Operating Washer Incline</b>								
									Lever	
SS609c	2309	"	"	"	"	Screw	...	...	...	
103040	2298	"	"	"	"	Spring	...	...	...	
103041	2286	"	"	"	"	Position Plate	...	...	...	
51002e	2309	"	"	"	"	"	Screw	...	...	
204745	2299	"	Incline Lever with 201230e and 201537e						...	
201230e	2309	"	"	"	"	Position Screw	...	...	...	
201537e	2309	"	"	"	"	"	Check Nut	...	...	
50632e	2309	"	"	"	"	Screw	...	...	...	
87572	2306	"	"	"	"	Washer	...	...	...	
103034	2286	"	Pulley...		...	...	...	...	...	
103022	—	<b>Machine Pulley, complete, Nos. 103034, 103036, 103037, 103041, 103044, three each SS609c, 103040 and four 51002e</b>								...
103042	2299	<b>Machine Starting Lever</b> ...								...
200219d	2309	"	"	"	"	Hinge Screw	...	...	...	
201611d	2309	"	"	"	"	"	Nut	...	...	
103043	2299	"	"	"	"	Pitman Rod	...	...	...	
204126	—	"	"	"	"	"	Clamp with two 200530c	...	...	
227316	—	"	"	"	"	"	"	Hook	...	
227576	2298	"	"	"	"	"	"	227316 with 204126	...	
200530c	2309	"	"	"	"	"	"	Set Screw	...	
206628	2298	"	"	"	"	"	"	Spring	...	
227227	2298	"	"	"	"	"	"	Collar with 200113f	...	
200113f	2309	"	"	"	"	"	"	Set Screw...	...	
84935	2305	"	"	"	"	"	"	Treadle with 356c	...	
80219	2298	"	"	"	"	"	"	Bearing Pin	...	
39569	—	"	"	"	"	"	"	Chain, 45" long, with 39575 and 39576	...	
39575	2081	"	"	"	"	"	"	Chain Hook (lower)	...	
39576	2081	"	"	"	"	"	"	" (upper)	...	
84936	2305	"	"	"	"	"	"	Extension Rod	...	
356c	2309	"	"	"	"	"	"	"	Set Screw	
80218	2305	"	"	"	"	"	"	Floor Bracket	...	
84937	—	<b>Machine Starting Lever Pitman Rod Treadle, complete, Nos. 80218, 80219, 84935, 84936 and four wood screws 1" No. 16</b>								...
103044	2323	<b>Machine Stop Cam with SS610c, 103045 and two 1401c</b>								...
103045	2299	"	"	"	"	Friction Ring (leather)	...	...	...	
SS610c	2309	"	"	"	"	Position Screw	...	...	...	
1401c	2309	"	"	"	"	"	Check Screw	...	...	
1401c	2309	"	"	"	"	Set Screw	...	...	...	
223013	2298	"	"	"	"	Slide	...	...	...	

No.	Plate								
200249f	2309	<b>Machine Stop Cam Slide Hinge Screw</b>	...	...	...				
201525e	2309	" " " " " " " Nut	...	...	...				
223015	2299	" " " " " Lever	...	...	...				
223016	—	" " " " " 223015 with 200122h, 200249f, 200991f, 201822, 223013, 223014 and two 201525e	...	...	...				
200258d	2309	<b>Machine Stop Cam Slide Lever Hinge Screw</b>	...	...	...				
201522e	2309	" " " " " " " Nut	...	...	...				
201822	2298	" " " " " Roller	...	...	...				
200991f	2309	" " " " " " Screw Stud	...	...	...				
201525e	2309	" " " " " " " Nut	...	...	...				
223014	2298	" " " " " Spring	...	...	...				
200122h	2309	" " " " " Screw	...	...	...				
103046	2299	" " Motion Bracket	...	...	...				
SS547c	2308	" " " " " Screw	...	...	...				
103047	2299	" " " " " Seating	...	...	...				
103048	—	<b>Machine Stop Motion</b> , complete, Nos. SS547c, SS608d, 50632e, 87572, 103022, 103038, 103039, 103042, 103043, 103046, 103047, 103092, 200219d, 200258d, 201522e, 201611d, 204745, 206628, 223016, 227227 and 227576	...	...	...				
Catalogue									
5401	—	<b>Needle</b> , size 22 (216 × 5)	...	...	...	...	...	...	...
98548	2297	<b>Needle Bar</b>	...	...	...	...	...	...	...
97645	1970	" " Bushing (lower)	...	...	...	...	...	...	...
889c	2307	" " " ( " ) Set Screw	...	...	...	...	...	...	...
98549	2302	" " " (upper)	...	...	...	...	...	...	...
889c	2307	" " " ( " ) Set Screw	...	...	...	...	...	...	...
97648	2303	" " Connecting Link	...	...	...	...	...	...	...
97649	1970	" " " " Stud with two SS512c	...	...	...	...	...	...	...
SS512c	2088	" " " " " Clamping Screw	...	...	...	...	...	...	...
97650	2322	" " " " " Slide Block	...	...	...	...	...	...	...
97651	2295	" " Crank with SS320c and SS370c	...	...	...	...	...	...	...
SS370c	2088	" " " Position Screw	...	...	...	...	...	...	...
SS320c	2088	" " " Set Screw	...	...	...	...	...	...	...
97794	1970	" Clamp	...	...	...	...	...	...	...
97652	—	" " 97794 with 156f, 217f and 97653	...	...	...	...	...	...	...
156f	2307	" " Screw	...	...	...	...	...	...	...
97653	1970	" " Thread Guide	...	...	...	...	...	...	...
217f	2307	" " " " Screw	...	...	...	...	...	...	...
103019	2289	<b>Rotating Hook</b> with 103016, 103021 and three 50383e	...	...	...	...	...	...	...
103020	—	" " 103019 with 103006	...	...	...	...	...	...	...
103123	—	" " 103019 with 103119	...	...	...	...	...	...	...
103021	2289	" " Base with three SS522c	...	...	...	...	...	...	...
97949	2402	" " Bobbin	...	...	...	...	...	...	...
*103004	2290	" " " Case	...	...	...	...	...	...	...
103090	—	" " " " 103004 with 103007 to 103010	...	...	...	...	...	...	...

No.	Plate						
103005	2290	<b>Rotating Hook Bobbin Case 103090 with 662d, 768f, 1443f and 103013 to 103015</b>					
103118	—	"	"	"	"	103090 with 662d, 768f, 1443f, 103014, 103015 and 103115	
103006	—	"	"	"	"	103005 with 97949	...
103119	—	"	"	"	"	103118 with 97949	...
103007	2290	"	"	"	"	Bobbin Retainer	...
103008	2290	"	"	"	"	"	Hinge Pin ...
103009	2290	"	"	"	"	"	Spring ...
103010	2290	"	"	"	"	"	Plunger
103055	2724	"	"	"	"	Position Bracket	...
SS582e	2308	"	"	"	"	"	Screw (2) ...
98419	2303	"	"	"	"	Retainer	...
98420	1970	"	"	"	"	Bracket	...
446c	2307	"	"	"	"	"	Set Screw (2) ...
98422	1970	"	"	"	"	Hinge Stud	...
889c	2307	"	"	"	"	"	Set Screw ...
103012	2293	"	"	"	"	Position Spring	...
792e	2307	"	"	"	"	"	Screw ...
98423	2303	"	"	"	"	Spring with 98468	...
*98468	—	"	"	"	"	"	Pad ...
201f	2307	"	"	"	"	"	Screw ...
103013	2290	"	"	"	"	Ring (Nylon) <i>(only supplied when specified on order)</i>	
103115	—	"	"	"	"	" (Steel)	...
103014	2290	"	"	"	"	" Spring	...
1443f	2308	"	"	"	"	" Screw	...
103015	2290	"	"	"	"	Tension Spring	...
768f	2309	"	"	"	"	"	Adjusting Screw
662d	2307	"	"	"	"	"	Screw ...
†98523	2300	"	"	"	"	Cover Plate	...
†98425	2300	"	"	"	"	Bracket	...
SS45f	2088	"	"	"	"	" Screw	...
98426	1868	"	"	"	"	Hinge Pin	...
1019c	2308	"	"	"	"	" Set Screw	...
98427	2303	"	"	"	"	Spring	...
176d	2307	"	"	"	"	" Screw	...
98524	—	"	"	"	"	complete, Nos. 1019c, 98425 to 98427, 98523 and two 176d	
103016	2290	"	"	"	"	Ring	...
50383e	2309	"	"	"	"	" Screw	...
SS522c	2088	"	"	"	"	Screw	...
97676	2295	"	"	"	"	Shaft	...
98428	1970	"	"	"	"	Bushing (back)	...
97829	2073	"	"	"	"	( " ) Oiler	...
97678	2304	"	"	"	"	( " ) Oil Pad	...

† For Two-Tone Machines the finish of these parts is Grey Metallic (Colour Code No. 728).



No.	Plate								
448c	2307	<b>Rotating Hook Shaft Bushing (back) Set Screw ...</b>							
98429	1970	"	"	"	"	(front)	...	...	...
97829	2073	"	"	"	"	( " ) Oiler	...	...	...
98473	1868	"	"	"	"	( " ) Oil Pad	...	...	...
423c	2308	"	"	"	"	( " ) Set Screw	...	...	...
97824	2727	"	"	"	"	Collar with two 1258c	...	...	...
1258c	2307	"	"	"	"	Set Screw	...	...	...
97808	2727	"	"	"	"	Gear with SS580f and two SS581c	...	...	...
97680	2295	"	"	"	"	Case (two pieces) with 121e and	...	...	...
									50234d
50234d	2308	"	"	"	"	" Plug Screw	...	...	...
121e	2307	"	"	"	"	" Screw	...	...	...
SS580f	2088	"	"	"	"	Position Screw	...	...	...
SS581c	2088	"	"	"	"	Set Screw	...	...	...
97795	2306	<b>Tension Disc (inner) ...</b>							
97796	2306	"	"	"	"	(outer)	...	...	...
1560d	2306	"	"	"	"	Regulating Thumb Nut	...	...	...
98571	2101	"	"	"	"	Releasing Crank with RR40, 98572 and two 158c	...	...	...
98572	—	"	"	"	"	Cap	...	...	...
158c	2307	"	"	"	"	" Screw	...	...	...
98574	2287	"	"	"	"	Lever with 448c	...	...	...
98573	2101	"	"	"	"	Extension with 141e	...	...	...
141c	2308	"	"	"	"	" Binding Screw	...	...	...
694d	2307	"	"	"	"	" Hinge Screw	...	...	...
98575	2101	"	"	"	"	" Link	...	...	...
SS186f	2088	"	"	"	"	" Guide Screw	...	...	...
1518c	2306	"	"	"	"	" " " Nut	...	...	...
98576	2302	"	"	"	"	" Pin	...	...	...
448c	2307	"	"	"	"	" Set Screw	...	...	...
97767	2297	"	"	"	"	" Spring	...	...	...
RR40	2724	"	"	"	"	" Roller	...	...	...
97683	2306	"	"	"	"	Disc	...	...	...
97684	2303	"	"	"	"	Lever	...	...	...
646d	2307	"	"	"	"	" Hinge Screw	...	...	...
12329	2304	"	"	"	"	" Spring	...	...	...
97799	2302	"	"	"	"	" Pin	...	...	...
SS536d	2088	"	"	"	"	Screw Stud	...	...	...
11422	2306	"	"	"	"	" Spring	...	...	...
82446	2306	"	"	"	"	" Washer (felt)	...	...	...
97797	2306	"	"	"	"	" (fibre)	...	...	...
97800	—	<b>Tension (rotating) and Thread Take-up Spring, complete,</b>							
		Nos. SS536d, 1560d, 11422, 82446, 82525, 97683, 97696,							
		97698 and 97795 to 97798							
103018	2724	<b>Thread Guard (side of arm)</b>							
1143c	2308	"	"	"	"	Set Screw	...	...	...

No.	Plate						
97769	2295	<b>Thread Lubricating Cup</b> ... ..					
97770	—	"	"	"	97769 with 160c, 97772 and 250519		
250519	2304	"	"	"	Oil Pad (felt) ... ..		
160c	2307	"	"	"	Set Screw ... ..		
97772	1868	"	"	"	Thread Guide ... ..		
NOTE.—No. 97770 is only supplied when specified on order, and at an extra charge.							
89363	2306	<b>Thread Retaining Disc</b> ... ..					
*1110e	2308	"	"	"	Screw Stud ... ..		
20972	—	"	"	"	1110e with 1560d ... ..		
1560d	2306	"	"	"	Regulating Thumb Nut ... ..		
2103	2306	"	"	"	Spring ... ..		
97757	—	<b>Thread Retainer</b> , complete, Nos. 2103, 20972 and two 89363					
95024	2081	"	"	"	Thread Eyelet ... ..		
SS50f	2088	"	"	"	" Screw ... ..		
97687	1970	<b>Thread Take-up Crank</b> ... ..					
SS484e	2088	"	"	"	Cap Screw ... ..		
97688	2304	"	"	"	Cotter Pin ... ..		
690c	2307	"	"	"	" " Screw ... ..		
97689	2304	"	"	"	Lever ... ..		
97690	2304	"	"	"	Bushing ... ..		
SS515d	2088	"	"	"	" Clamping Screw ... ..		
97691	2304	"	"	"	Hinge Pin ... ..		
97692	2304	"	"	"	Link ... ..		
97693	2302	"	"	"	" Hinge Pin ... ..		
457e	2307	"	"	"	" " " End Screw ... ..		
430al	2307	"	"	"	" " " Set Screw ... ..		
97694	—	"	"	"	complete, Nos. 457e, SS515d and 97689 to 97693		
82525	1970	"	"	"	Spring... ..		
97696	1970	"	"	"	Adjusting Sleeve ... ..		
97798	2303	"	"	"	Lever ... ..		
97698	2727	"	"	"	Regulator ... ..		
443c	2307	"	"	"	" Set Screw ... ..		
98577	2300	<b>Throat Plate</b> ... ..					
838f	2308	"	"	"	Screw (2) ... ..		
98434	—	<b>Work Plate</b> ... ..					
†98435	2288	"	"	"	Bracket ... ..		
50512d	2308	"	"	"	Screw ... ..		
98436	—	<b>Work Plate</b> , complete, Nos. 98434, 98435 and two 50512d ...					

† For Two-Tone Machines the finish of these parts  
is Grey Metallic (Colour Code No. 728).

# PARTS COMPLETE

## FOR

# MACHINE No. 133K13

**No Feeding Mechanism, Lifting Presser, Link Take-up, and Work Plate.  
For Sack Darning.**

No.	Plate	
†*98584	—	Arm with 56003, two 97830 and five 97829 ...

*NOTE.—Due to the accuracy required for gear alignment, Arm cannot be supplied separately and can only be sent out as a unit, Arm and Bed assembled.*

8582	2304	Arm Dowel Pin (2)	...	...	...	...	...
56003	2302	" Oil Tube with 52045	...	...	...	...	...
52045	2081	" " " Packing (felt)	...	...	...	...	...
118e	2307	" Screw (4)	...	...	...	...	...
97806	2020	" Shaft (horizontal)	...	...	...	...	...
97950	2471	" " ( " ) Flanged Bushing (back)	...	...	...	...	...
97923	2471	" " ( " ) " " ( " )	97950 with				
			52198 and 97924				
97605	2302	" " ( " ) " " ( " )	Drain Tube	...			
97829	2073	" " ( " ) " " ( " )	Oiler	...			
52198	2471	" " ( " ) " " ( " )	Oil Pad				
			(outside, felt)				
97924	—	" " ( " ) " " ( " )	Oil Pad				
			(inside, braided cotton)				
446c	2307	" " ( " ) " " (back)	Set Screw	...			
97951	2471	" " ( " ) " " (front)	...				
97925	2471	" " ( " ) " " ( " )	97951 with				
			52198 and 97926				
97829	2073	" " ( " ) " " ( " )	Oiler	...			
52198	2471	" " ( " ) " " ( " )	Oil Pad				
			(outside, felt)				
97926	—	" " ( " ) " " ( " )	Oil Pad				
			(inside, braided cotton)				
50084c	2308	" " ( " ) " " (front)	Set Screw	...			
97807	2727	" " ( " ) Gear with three 50083c	...				
97609	2288	" " ( " ) " Case (2 pieces) with 121e and					
			50234d				
50234d	2308	" " ( " ) " " Plug Screw	...				
121e	2307	" " ( " ) " " Screw	...				
50083c	2308	" " ( " ) " Set Screw	...				
144c	2307	" " ( " ) Screw	...				
97610	2295	" " (upright)	...				
97611	1970	" " ( " ) Bushing (lower)	...				

† For Two-Tone Machines the finish of these parts  
is Grey Metallic (Colour Code No. 728).

No.	Plate								
97829	2073	Arm	Shaft (upright)	Bushing (lower)	Oiler	...	...		
575c	2307	"	"	( " )	" ( " ) Set Screw	...	...		
97612	1970	"	"	( " )	" (upper)	...	...		
97829	2073	"	"	( " )	" ( " ) Oiler	...	...		
575c	2307	"	"	( " )	" ( " ) Set Screw	...	...		
97808	2727	"	"	( " )	Gear (lower) with SS580f and two SS581c	...	...		
SS580f	2088	"	"	( " )	" ( " ) Position Screw	...	...		
SS581c	2088	"	"	( " )	" ( " ) Set Screw	...	...		
97809	2727	"	"	( " )	" (upper) with SS580f and two SS581c	...	...		
SS580f	2088	"	"	( " )	" ( " ) Position Screw	...	...		
SS581c	2088	"	"	( " )	" ( " ) Set Screw	...	...		
†98585	2725	"	Side Cover	...	...	...	...		
†98586	2725	"	"	"	Oil Reservoir	...	...		
103083	2477	"	"	"	"	Cover and Knob	...	...	
50222c	2309	"	"	"	"	" Hinge Screw	...	...	
19044	2477	"	"	"	"	" " " Spring Washer	...	...	
98588	2724	"	"	"	"	Holder (wire)	...	...	
180d	2308	"	"	"	"	Screw (2)	...	...	
98589	—	"	"	"	"	Wick	...	...	
98590	—	"	"	"	"	complete, Nos. 19044, 50222c, 98586, 98588, 98589 and 103083	...	...	
703d	2308	"	"	"	Thumb Screw	...	...	...	...
†202247	2726	"	Top Cover	...	...	...	...	...	...
SS505h	2088	"	"	"	Screw	...	...	...	...
202248	2306	"	"	"	" Washer	...	...	...	...
82403	2302	"	Spool Pin (2)	...	...	...	...	...	...
†97616	2726	"	"	"	Bushing	...	...	...	...
†*98591	—	Bed	...	...	...	...	...	...	...

NOTE.—Due to the accuracy required for gear alignment, Bed cannot be supplied separately and can only be sent out as a unit, Arm and Bed assembled.

†98519	2287	Face Plate	...	...	...	...	...	...	...
SS45f	2088	"	"	Screw (2)	...	...	...	...	...
97690	2304	"	"	Thread Eyelet	...	...	...	...	...
98520	2302	"	"	"	Retainer	...	...	...	...
190d	2307	"	"	"	"	Screw	...	...	...
98443	2296	Lifting Presser Bar	(hollow)	...	...	...	...	...	...
98444	1868	"	"	"	Bell Crank with two 191c	...	...	...	...
98445	1868	"	"	"	"	Connection	...	...	...
98446	2302	"	"	"	"	"	Hinge Stud (2)	...	...
191c	2308	"	"	"	"	"	" Set Screw	...	...
98447	2302	"	"	"	"	Hinge Stud	...	...	...
448c	2307	"	"	"	"	"	" Set Screw	...	...

† For Two-Tone Machines the finish of these parts is Grey Metallic (Colour Code No. 728).



No.	Plate								
98469	2302	<b>Lifting Presser Bar Bushing (upper)</b> ... ..							
SS509e	2088	"	"	"	"	( " )	Cap Screw	...	...
46224	2302	"	"	"	"	( " )	Oiler	...	...
889c	2307	"	"	"	"	( " )	Set Screw	...	...
97645	1970	"	"	"	"	(lower)	...	...	...
889c	2307	"	"	"	"	( " )	Set Screw	...	...
98448	1868	"	"	"	"	Crank (back) with 191c and two 647e			
647e	2308	"	"	"	"	( " )	Clamping Screw	...	...
98449	1868	"	"	"	"	(front)	...	...	...
98450	1868	"	"	"	"	( " )	Pin	...	...
98451	1868	"	"	"	"	Eccentric with two 448c			
103054	2323	"	"	"	"	Connection with 98531 to 98533 and two 145e			
*98531	—	"	"	"	"	"	Cap	...	...
98532	2302	"	"	"	"	"	" Oil Pad (felt)		
98533	2303	"	"	"	"	"	" " " Retainer		
145e	2308	"	"	"	"	"	" Screw	...	...
98446	2302	"	"	"	"	"	Hinge Stud	...	...
191c	2308	"	"	"	"	"	" " Set Screw		
448c	2307	"	"	"	"	"	Screw	...	...
98454	1868	"	"	"	"	Guide Bracket with two 1186c			
1186c	2308	"	"	"	"	"	Clamping Screw	...	...
98455	1868	"	"	"	"	Lifting Collar with 641c			
641c	2308	"	"	"	"	"	Clamping Screw	...	...
103095	2586	"	"	"	"	"	Cushion (bakelite)	...	...
103084	—	<b>Lifting Presser Bar Link Drive</b> , complete, Nos. 98444, 98445, 98448, 103054 and three 98446 ... ..							
103111	2296	<b>Lifting Presser Bar Shaft</b> ... ..							
103112	2477	"	"	"	"	Bushings (back)			
97830	2073	"	"	"	"	"	( " ) Oiler	...	...
448c	2307	"	"	"	"	"	( " ) Set Screw	...	...
98594	2477	"	"	"	"	"	(front)	...	...
97830	2073	"	"	"	"	"	( " ) Oiler	...	...
448c	2307	"	"	"	"	"	( " ) Set Screw	...	...
98458	2288	"	"	"	"	Spring			
98459	2302	"	"	"	"	Sleeve			
103095	2586	"	"	"	"	"	Cushion (bakelite)	...	...
98460	1868	"	"	"	"	Foot			
SS329f	2088	"	"	"	"	"	Screw	...	...
1547c	2306	"	"	"	"	"	Nut	...	...
103113	—	<b>Machine Pulley "V"</b> belt groove (diam. of belt groove $4\frac{1}{8}$ " ) with two 434c							
97791	1973	"	"	"	"	5 $\frac{1}{4}$ " (9" diam.) with two 434c, for Foot Power			
434c	2307	"	"	"	"	"	Set Screw	...	...

NOTE.—No. 103113 is sent with this machine, unless otherwise specified on order, but Bobbin Winder No. 97945 must be used with Machine Pulley No. 97791.

No.	Plate						
Catalogue							
5021	—	Needle, size 29 (216 × 7) ...	...	...	...	...	...
98595	2723	Needle Bar (hollow) ...	...	...	...	...	...
97645	1970	" " Bushing (lower) ...	...	...	...	...	...
889c	2307	" " " ( " ) Set Screw ...	...	...	...	...	...
97646	2295	" " " (upper) ...	...	...	...	...	...
SS509e	2088	" " " ( " ) Cap Screw ...	...	...	...	...	...
46224	2302	" " " ( " ) Oiler ...	...	...	...	...	...
889c	2307	" " " ( " ) Set Screw ...	...	...	...	...	...
98596	2724	" " Clamp and Thread Guide with 156f ...	...	...	...	...	...
156f	2307	" " " " " " Screw ...	...	...	...	...	...
97648	2303	" " Connecting Link ...	...	...	...	...	...
97649	1970	" " " " Stud with two SS512c ...	...	...	...	...	...
SS512c	2088	" " " " " Clamping Screw ...	...	...	...	...	...
97650	2322	" " " " " Slide Block ...	...	...	...	...	...
97651	2295	" " Crank with SS320c and SS370c ...	...	...	...	...	...
SS370c	2088	" " " Position Screw ...	...	...	...	...	...
SS320c	2088	" " " Set Screw ...	...	...	...	...	...
98597	2723	Oil Reservoir Oil Pipe ...	...	...	...	...	...
98598	—	" " " " 98597 with 98599 and 98600 ...	...	...	...	...	...
98599	2477	" " " " Clip ...	...	...	...	...	...
190e	2307	" " " " " Screw ...	...	...	...	...	...
98592	2477	" " " " Cover ...	...	...	...	...	...
98600	2477	" " " " Joint ...	...	...	...	...	...
103001	2289	Rotating Hook, with 103003, 103016 and three 50383e ...	...	...	...	...	...
103002	—	" " 103001 with 103006 ...	...	...	...	...	...
103117	—	" " 103001 with 103119 ...	...	...	...	...	...
103003	2289	" " Base with three SS522c ...	...	...	...	...	...
97949	2402	" " Bobbin ...	...	...	...	...	...
*103004	2290	" " " Case ...	...	...	...	...	...
103090	—	" " " " 103004 with 103007 to 103010 ...	...	...	...	...	...
103005	2290	" " " " 103090 with 662d, 768f, 1443f and 103013 to 103015 ...	...	...	...	...	...
103118	—	" " " " 103090 with 662d, 768f, 1443f, 103014, 103015 and 103115 ...	...	...	...	...	...
103006	—	" " " " 103005 with 97949 ...	...	...	...	...	...
103119	—	" " " " 103118 with 97949 ...	...	...	...	...	...
103007	2290	" " " " Bobbin Retainer ...	...	...	...	...	...
103008	2290	" " " " " " Hinge Pin ...	...	...	...	...	...
103009	2290	" " " " " " Spring ...	...	...	...	...	...
103010	2290	" " " " " " Plunger ...	...	...	...	...	...
103011	2724	" " " " Position Bracket ...	...	...	...	...	...
SS582e	2308	" " " " " " Screw (2) ...	...	...	...	...	...
98419	2303	" " " " Retainer ...	...	...	...	...	...
98420	1970	" " " " " Bracket ...	...	...	...	...	...

No.	Plate								
446c	2307	<b>Rotating Hook Bobbin Case Retainer Bracket Set Screw (2) ...</b>							
98422	1970	"	"	"	"	"	Hinge Stud	...	...
889c	2307	"	"	"	"	"	"	"	Set Screw ...
103012	2724	"	"	"	"	"	Position Spring	...	...
792e	2307	"	"	"	"	"	"	"	Screw ...
98423	2303	"	"	"	"	"	Spring with 98468	...	...
*98468	—	"	"	"	"	"	"	Pad	...
201f	2307	"	"	"	"	"	"	Screw	...
103013	2290	"	"	"	"	"	Ring (Nylon)	<i>(only supplied when specified on order).</i>	
103115	—	"	"	"	"	"	(Steel)	...	...
103014	2290	"	"	"	"	"	Spring	...	...
1443f	2308	"	"	"	"	"	"	Screw	...
103015	2290	"	"	"	"	"	Tension Spring	...	...
768f	2309	"	"	"	"	"	"	Adjusting Screw	...
662d	2307	"	"	"	"	"	"	Screw	...
†98523	2300	"	"	Cover Plate		...	...	...	...
†98425	2300	"	"	"	"	Bracket	...	...	...
SS45f	2088	"	"	"	"	"	Screw...	...	...
98426	1868	"	"	"	"	Hinge Pin	...	...	...
1019c	2308	"	"	"	"	"	"	Set Screw	...
98427	2303	"	"	"	"	Spring	...	...	...
176d	2307	"	"	"	"	"	Screw	...	...
98524	—	"	"	"	"	complete, Nos. 1019c, 98425 to 98427, 98523 and two 176d.			
103016	2290	"	"	Ring	...	...	...	...	...
50383e	2309	"	"	"	Screw	...	...	...	...
SS522c	2088	"	"	Screw	...	...	...	...	...
103017	2723	"	"	Shaft	...	...	...	...	...
98428	1970	"	"	"	Bushing (back)	...	...	...	...
97829	2073	"	"	"	( " ) Oiler	...	...	...	...
97678	2304	"	"	"	( " ) Oil Pad	...	...	...	...
448c	2307	"	"	"	( " ) Set Screw	...	...	...	...
98429	1970	"	"	"	(front)	...	...	...	...
423c	2308	"	"	"	( " ) Set Screw	...	...	...	...
97824	2727	"	"	"	Collar with two 1258c	...	...	...	...
1258c	2307	"	"	"	"	Set Screw	...	...	...
97808	2727	"	"	"	Gear with SS580f and two SS581c	...	...	...	...
97680	2295	"	"	"	"	Case (two pieces) with 121e and 50234d	...	...	...
50234d	2308	"	"	"	"	Plug Screw	...	...	...
121e	2307	"	"	"	"	Screw	...	...	...
SS580f	2088	"	"	"	"	Position Screw	...	...	...
SS581c	2088	"	"	"	"	Set Screw	...	...	...
97795	2306	<b>Tension Disc (inner)</b>		...	...	...	...	...	...
97796	2306	"	"	(outer)	...	...	...	...	...

† For Two-Tone Machines the finish of these parts is Grey Metallic (Colour Code No. 728).

No.	Plate						
1560d	2306	<b>Tension</b>	Regulating Thumb Nut	...	...	...	...
97683	2306	"	Releasing Disc	...	...	...	...
SS536d	2088	"	Screw Stud	...	...	...	...
11422	2306	"	Spring	...	...	...	...
82446	2306	"	Washer (felt)	...	...	...	...
97797	2306	"	" (fibre)	...	...	...	...
97800	—	<b>Tension (rotating) and Thread Take-up Spring,</b>	complete, Nos. SS536d, 1560d, 11422, 82446, 82525, 97683, 97696, 97698 and 97795 to 97798	...	...	...	...
103018	2724	<b>Thread Guard</b>	(side of arm)	...	...	...	...
1143c	2308	"	" Set Screw	...	...	...	...
97769	2295	<b>Thread Lubricating Cup</b>		...	...	...	...
97770	—	"	" " 97769 with 160c, 97772 and 250519				
250519	2304	"	" Oil Pad (felt)	...	...	...	...
160c	2307	"	" Set Screw	...	...	...	...
97772	1868	"	" Thread Guide	...	...	...	...
<i>NOTE.—No. 97770 is only supplied when specified on order, and at an extra charge.</i>							
89363	2306	<b>Thread Retaining Disc</b>		...	...	...	...
*1110e	2308	"	" Screw Stud	...	...	...	...
20972	—	"	" " 1110e with 1560d	...	...	...	...
1560d	2306	"	" " Regulating Thumb Nut	...	...	...	...
2103	2306	"	" Spring	...	...	...	...
97757	—	<b>Thread Retainer,</b>	complete, Nos. 2103, 20972 and two 89363	...	...	...	...
95024	2081	"	" Thread Eyelet	...	...	...	...
SS50f	2088	"	" " Screw	...	...	...	...
97687	1970	<b>Thread Take-up Crank</b>		...	...	...	...
SS484e	2088	"	" " Cap Screw	...	...	...	...
97688	2304	"	" " Cotter Pin	...	...	...	...
690c	2307	"	" " " Screw	...	...	...	...
97689	2304	"	" " Lever	...	...	...	...
97690	2304	"	" " Bushing	...	...	...	...
SS515d	2088	"	" " Clamping Screw	...	...	...	...
97691	2304	"	" " Hinge Pin	...	...	...	...
97692	2304	"	" " Link	...	...	...	...
97693	2302	"	" " Hinge Pin	...	...	...	...
457e	2307	"	" " " " End Screw	...	...	...	...
430al	2307	"	" " " " Set Screw	...	...	...	...
97694	—	"	" " complete, Nos. 457e, SS515d and 97689 to 97693				
82525	1970	"	" Spring	...	...	...	...
97696	1970	"	" Adjusting Sleeve	...	...	...	...
97798	2303	"	" Lever	...	...	...	...
97698	2727	"	" Regulator	...	...	...	...
443c	2307	"	" " Set Screw	...	...	...	...



No.	Plate								
98464	2300	Throat Plate	...	...	...	...	...	...	...
838f	2308	" "	Screw (2)	...	...	...	...	...	...
98434	—	Work Plate	...	...	...	...	...	...	...
†98435	2288	" "	Bracket	...	...	...	...	...	...
50512d	2308	" "	" Screw	...	...	...	...	...	...
98436	—	Work Plate, complete, Nos. 98434, 98435 and two 50512d							...

† For Two-Tone Machines the finish of these parts  
is Grey Metallic (Colour Code No. 728).

# PARTS SPECIAL

## TO

### MACHINE No. 133K14

No Feeding Mechanism, Lifting Presser, Link Take-up, and Work Plate. Fitted with Fast and Loose Pulleys for Upper or Lower Belt Drive. For Sack Darning.

This Machine is the same as No. 133K13 with the following exceptions :—

No.	Plate	
*103052	—	Arm with 56003, two 97830 and five 97829 ... ..

*NOTE.*—Due to the accuracy required for gear alignment, Arm cannot be supplied separately and can only be sent out as a unit, Arm and Bed assembled.

*103053	—	Bed ... ..
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*NOTE.*—Due to the accuracy required for gear alignment, Bed cannot be supplied separately and can only be sent out as a unit, Arm and Bed assembled.

98502	2020	Driving Attachment Lever ... ..
50224c	2308	" " " Adjusting Screw ... ..
1517c	2306	" " " " " Nut ... ..
98503	2287	" " " Belt Shifter with 363c ... ..
98505	2287	" " " " " Carrier with 363c ... ..
SS546c	2308	" " " " " Screw ... ..
363c	2308	" " " " " Clamping Screw ... ..
98504	2287	" " " " " Rod ... ..
363c	2308	" " " " " Clamping Screw ... ..
98506	2287	" " " Bracket ... ..
SS547c	2308	" " " " " Screw ... ..
98507	2287	" " " Friction Pad (leather) ... ..
190d	2307	" " " " " Screw ... ..
98508	2287	" " " Spindle ... ..
448c	2307	" " " " " Set Screw ... ..
98509	2287	" " " Spring ... ..
7958	2302	" " " Spring Hook ... ..
98510	2287	" " " Plate ... ..
50057c	2308	" " " " " Hinge Screw ... ..
98511	—	Driving Attachment Lever, complete, Nos. 448c, SS546c, SS547c, 1517c, 50057c, 50224c, 98502 to 98510 and two 190d

No.	Plate	
84275	—	<b>Driving Attachment Shaft Pulley</b> (sectional, grooved), 10" diam., with two 597c
597c	2308	" " " " Clamping Screw ...
91296	2020	<b>Driving Attachment Starting Lever</b> ... ..
91299	2020	" " " " 91296 with 91297, 91298 and three wood screws 1½" No. 15
91297	2020	" " " " Lever Bracket ... ..
91298	2302	" " " " " Hinge Pin ...
—	—	" " " " " Screw (wood), 1½" No. 15
39569	—	" " " " Chain, 45" long, with 39575 and 39576
39576	2081	" " " " " Hook (upper) ...
39575	2081	" " " " " (centre) ...
91305	2287	" " " " " (lower) ...
98512	—	<b>Driving Attachment Starting Lever</b> , complete, Nos. 39569, 91299 and 91305
98498	2020	<b>Machine Pulley with 434c and SS432c</b> ... ..
SS545d	2308	" " End Screw ... ..
98501	2288	" " " " Washer ... ..
98499	2020	" " Loose Pulley ... ..
434c	2307	" " Set Screw (long) ... ..
SS432c	2308	" " " " (short) ... ..
98500	—	<b>Machine Pulley</b> , complete, Nos. 98498 and 98499 ... ..

# PARTS SPECIAL

## TO

## MACHINE No. 133K18

This machine is the same as No. 133K13 with the following exceptions :—

No.	Plate							
103096	2584	<b>Oiler</b>	(sight feed)	...	...	...	...	...
103097	2584	"	Bracket with 443al and two 1186c	...	...	...	...	...
1186c	2308	"	" Screw	...	...	...	...	...
103098	2584	"	Coupling	...	...	...	...	...
103099	2584	"	Pipe	...	...	...	...	...
443al	2307	"	" Screw	...	...	...	...	...
103100	2584	"	complete, Nos. 103096 to 103099	...	...	...	...	...
103101	2585	<b>Rotating Hook</b>	with 103103, 103109 and three 50383e	...	...	...	...	...
103102	—	"	" 103101 with 103107	...	...	...	...	...
103120	—	"	" 103101 " 103122	...	...	...	...	...
103103	2585	"	" Base with three SS52zc	...	...	...	...	...
*103104	2585	"	" Bobbin Case	...	...	...	...	...
103105	—	"	" " 103104 with 103007 to 103010	...	...	...	...	...
103106	2586	"	" " 103105 with 662d, 768f, 1443f, 103014, 103015 and 103108	...	...	...	...	...
103121	—	"	" " 103105 with 662d, 768f, 1443f, 103014, 103015 and 103116	...	...	...	...	...
103107	—	"	" " 103106 with 97949	...	...	...	...	...
103122	—	"	" " 103121 " 97949	...	...	...	...	...
103108	2586	"	" " Ring (Nylon) <i>(only supplied when specified on order)</i>	...	...	...	...	...
103116	—	"	" " " " " (Steel)	...	...	...	...	...
103109	2585	"	" Ring	...	...	...	...	...
103110	2586	"	" Shaft Bushing (front)	...	...	...	...	...



# PARTS COMPLETE

## FOR

### MACHINE No. 133K15

**Long Arm, No Feeding Mechanism, Lifting Presser, and Work Plate.  
For Darning and Stitching.**

No.	Plate							
†*103023	—	<b>Arm with two each 56003, 97830 and six 97829</b> ...						
<i>NOTE.—Due to the accuracy required for gear alignment, Arm cannot be supplied separately and can only be sent out as a unit, Arm and Bed assembled.</i>								
8582	2304	<b>Arm Dowel Pin (2)</b>	...	...	...	...	...	...
56003	2302	" Oil Tube with 52045	...	...	...	...	...	...
52045	2081	" " " Packing (felt)	...	...	...	...	...	...
50220e	2309	" Screw (4)	...	...	...	...	...	...
103024	2286	" Shaft (horizontal)	...	...	...	...	...	...
103025	2477	" " ( " ) Bushing (intermediate)	...	...	...	...	...	...
97829	2073	" " ( " ) " ( " ) Oiler	...	...	...	...	...	...
103026	2477	" " ( " ) " ( " ) Oil Pad	...	...	...	...	...	...
423c	2308	" " ( " ) " ( " ) Set Screw	...	...	...	...	...	...
97950	2471	" " ( " ) Flanged Bushing (back)	...	...	...	...	...	...
97923	2471	" " ( " ) " " ( " ) 97950 with	...	...	...	...	...	...
		52198 and 97924	...	...	...	...	...	...
97605	2302	" " ( " ) " " ( " ) Drain Tube	...	...	...	...	...	...
97829	2073	" " ( " ) " " ( " ) Oiler	...	...	...	...	...	...
52198	2471	" " ( " ) " " ( " ) Oil Pad	...	...	...	...	...	...
		(outside, felt)	...	...	...	...	...	...
97924	—	" " ( " ) " " ( " ) Oil Pad	...	...	...	...	...	...
		(inside, braided cotton)	...	...	...	...	...	...
446c	2307	" " ( " ) " " (back) Set Screw	...	...	...	...	...	...
97951	2471	" " ( " ) " " (front)	...	...	...	...	...	...
97925	2471	" " ( " ) " " ( " ) 97951 with	...	...	...	...	...	...
		52198 and 97926	...	...	...	...	...	...
97829	2073	" " ( " ) " " ( " ) Oiler	...	...	...	...	...	...
52198	2471	" " ( " ) " " ( " ) Oil Pad	...	...	...	...	...	...
		(outside, felt)	...	...	...	...	...	...
97926	—	" " ( " ) " " ( " ) Oil Pad	...	...	...	...	...	...
		(inside, braided cotton)	...	...	...	...	...	...
50084c	2308	" " ( " ) " " (front) Set Screw	...	...	...	...	...	...
97807	2727	" " ( " ) Gear with three 50083c	...	...	...	...	...	...
97609	2288	" " ( " ) " Case (2 pieces) with 121e and	...	...	...	...	...	...
		50234d	...	...	...	...	...	...
50234d	2308	" " ( " ) " " Plug Screw	...	...	...	...	...	...
121e	2307	" " ( " ) " " Screw	...	...	...	...	...	...

† For Two-Tone Machines the finish of these parts  
is Grey Metallic (Colour Code No. 728).

No.	Plate							
50083c	2308	Arm Shaft (horizontal)	Gear Set Screw	...	...	...	...	...
144c	2307	" "	( " ) Screw	...	...	...	...	...
97610	2295	" "	(upright)	...	...	...	...	...
97611	1970	" "	( " ) Bushing (lower)	...	...	...	...	...
97829	2073	" "	( " ) " ( " ) Oiler	...	...	...	...	...
575c	2307	" "	( " ) " ( " ) Set Screw	...	...	...	...	...
97612	1970	" "	( " ) " (upper)	...	...	...	...	...
97829	2073	" "	( " ) " ( " ) Oiler...	...	...	...	...	...
575c	2307	" "	( " ) " ( " ) Set Screw	...	...	...	...	...
97808	2727	" "	( " ) Gear (lower) with SS580f and two SS581c	...	...	...	...	...
SS580f	2088	" "	( " ) " ( " ) Position Screw	...	...	...	...	...
SS581c	2088	" "	( " ) " ( " ) Set Screw	...	...	...	...	...
97809	2727	" "	( " ) " (upper) with SS580f and two SS581c	...	...	...	...	...
SS580f	2088	" "	( " ) " ( " ) Position Screw	...	...	...	...	...
SS581c	2088	" "	( " ) " ( " ) Set Screw	...	...	...	...	...
†103027	2725	"	Side Cover	...	...	...	...	...
703d	2308	" "	Thumb Screw	...	...	...	...	...
†202247	2726	"	Top Cover	...	...	...	...	...
SS505h	2088	" "	" Screw	...	...	...	...	...
202248	2306	" "	" Washer	...	...	...	...	...
82403	2302	"	Spool Pin (2)	...	...	...	...	...
†97616	2726	" "	" Bushing	...	...	...	...	...
†*103028	—	Bed with 97829	...	...	...	...	...	...

NOTE.—Due to the accuracy required for gear alignment, Bed cannot be supplied separately and can only be sent out as a unit, Arm and Bed assembled.

†98519	2287	Face Plate	...	...	...	...	...	...
SS45f	2088	" "	Screw (2)	...	...	...	...	...
97690	2304	" "	Thread Eyelet	...	...	...	...	...
98520	2302	" "	" " Retainer	...	...	...	...	...
190d	2307	" "	" " Screw	...	...	...	...	...
98443	2296	Lifting Presser Bar (hollow)	...	...	...	...	...	...
98444	1868	" "	" " Bell Crank with two 191c	...	...	...	...	...
98445	1868	" "	" " " Connection	...	...	...	...	...
98446	2302	" "	" " " " Hinge Stud (2)	...	...	...	...	...
191c	2308	" "	" " " " " " Set Screw	...	...	...	...	...
98447	2302	" "	" " " " " " Hinge Stud	...	...	...	...	...
448c	2307	" "	" " " " " " Set Screw	...	...	...	...	...
98469	2302	" "	" " " " " " Bushing (upper)	...	...	...	...	...
SS509e	2088	" "	" " " " ( " ) Cap Screw	...	...	...	...	...
46224	2302	" "	" " " " ( " ) Oiler	...	...	...	...	...
889c	2307	" "	" " " " ( " ) Set Screw	...	...	...	...	...
97645	1970	" "	" " " " (lower)	...	...	...	...	...
889c	2307	" "	" " " " ( " ) Set Screw	...	...	...	...	...

† For Two-Tone Machines the finish of these parts is Grey Metallic (Colour Code No. 728).

No.	Plate								
98448	1868	<b>Lifting Presser Bar Crank (back) with 191c and two 647e ...</b>							
647e	2308	"	"	"	"	( " )	Clamping Screw ...	...	...
98449	1868	"	"	"	"	(front)	...	...	...
98450	1868	"	"	"	"	( " )	Pin ...	...	...
98451	1868	"	"	"		Eccentric with two 448c	...	...	...
103029	2323	"	"	"	"	Connection with 98531 to 98533	...	...	...
						and two 145e			
*98531	—	"	"	"	"	Cap	...	...	...
98532	2302	"	"	"	"	"	Oil Pad (felt)	...	...
98533	2303	"	"	"	"	"	" " " Retainer	...	...
145e	2308	"	"	"	"	"	Screw	...	...
98446	2302	"	"	"	"	"	Hinge Stud	...	...
191c	2308	"	"	"	"	"	" " Set Screw	...	...
448c	2307	"	"	"	"	Screw	...	...	...
98454	1868	"	"	"	"	Guide Bracket with two 1186c	...	...	...
1186c	2308	"	"	"	"	Clamping Screw	...	...	...
98455	1868	"	"	"	"	Lifting Collar with 641c	...	...	...
641c	2308	"	"	"	"	Clamping Screw	...	...	...
103095	2586	"	"	"	"	Cushion (bakelite)	...	...	...
103030	2286	"	"	"	"	Shaft	...	...	...
98593	2586	"	"	"	"	Bushing (back)...	...	...	...
97830	2073	"	"	"	"	( " )	Oiler	...	...
448c	2307	"	"	"	"	( " )	Set Screw	...	...
98594	2477	"	"	"	"	(front)	...	...	...
97830	2073	"	"	"	"	( " )	Oiler	...	...
448c	2307	"	"	"	"	( " )	Set Screw	...	...
98458	2288	"	"	"	"	Spring	...	...	...
98459	2302	"	"	"	"	Sleeve	...	...	...
103095	2586	"	"	"	"	Cushion (bakelite)	...	...	...
98460	1868	"	"	"	"	Foot	...	...	...
98547	2101	"	"	"	"	(small base)	...	...	...
SS329f	2088	"	"	"	"	Screw	...	...	...
1547c	2306	"	"	"	"	Nut	...	...	...

*NOTE.—No. 98460 is sent with this machine unless otherwise specified on order.*

103031	—	<b>Lifting Presser Bar Link Drive, complete, Nos. 98444, 98445, 98448, 103029 and three 98446 ...</b>							
103113	—	<b>Machine Pulley, 'V' belt groove (diam. of belt groove <math>4\frac{11}{16}</math>" ) with two 434c</b>							
97791	1973	"	"	$5\frac{1}{4}$ " (9" diam.)	with two 434c, for Foot Power	...	...	...	...
434c	2307	"	"	Set Screw	...	...	...	...	...

*NOTE.—No. 103113 is sent with this machine unless otherwise specified on order, but Bobbin Winder No. 97945 must be used with Machine Pulley No. 97791.*

## Catalogue

5011	—	<b>Needle, size 25 (216 × 1) ...</b>	...	...	...	...
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No.	Plate						
98485	2296	Needle Bar	(hollow)	...	...	...	...
97645	1970	"	"	Bushing (lower)	...	...	...
889c	2307	"	"	" ( " )	Set Screw	...	...
97646	2295	"	"	" (upper)	...	...	...
SS509e	2088	"	"	" ( " )	Cap Screw	...	...
46224	2302	"	"	" ( " )	Oiler	...	...
889c	2307	"	"	" ( " )	Set Screw	...	...
97648	2303	"	"	Connecting Link	...	...	...
97649	1970	"	"	"	Stud with two SS512c	...	...
SS512c	2088	"	"	"	Clamping Screw	...	...
97650	2322	"	"	"	Slide Block	...	...
97651	2295	"	"	Crank with SS320c and SS370c	...	...	...
SS370c	2088	"	"	"	Position Screw	...	...
SS320c	2088	"	"	"	Set Screw	...	...
97794	1970	"	"	Clamp	...	...	...
97652	—	"	"	97794 with 156f, 217f and 97653	...	...	...
156f	2307	"	"	Screw	...	...	...
97653	1970	"	"	Thread Guide	...	...	...
217f	2307	"	"	"	Screw	...	...
103019	2289	Rotating Hook	with 103016, 103021 and three 50383e	...	...	...	...
103020	—	"	"	103019 with 103006	...	...	...
103123	—	"	"	103019 " 103119	...	...	...
103021	2289	"	"	Base with three SS522c	...	...	...
97949	2402	"	"	Bobbin	...	...	...
*103004	2290	"	"	"	Case	...	...
103090	—	"	"	"	103004 with 103007 to 103010	...	...
103005	2290	"	"	"	103090 with 662d, 768f, 1443f and 103013 to 103015	...	...
103118	—	"	"	"	103090 with 662d, 768f, 1443f, 103014, 103015 and 103115	...	...
103006	—	"	"	"	103005 with 97949	...	...
103119	—	"	"	"	103118 " 97949	...	...
103007	2290	"	"	"	Bobbin Retainer	...	...
103008	2290	"	"	"	"	Hinge Pin	...
103009	2290	"	"	"	"	Spring	...
103010	2290	"	"	"	"	" Plunger	...
103055	2724	"	"	"	Position Bracket	...	...
103011	2724	"	"	"	"	(for heavy thread)	...
SS582e	2308	"	"	"	"	Screw (2)	...

NOTE.—No. 103055 is sent with this machine unless otherwise specified on order.

98419	2303	Rotating Hook	Bobbin Case Retainer	...	...	...
98420	1970	"	"	"	Bracket	...
446c	2307	"	"	"	"	Set Screw (2) ...
98422	1970	"	"	"	"	Hinge Stud ...



No.	Plate								
889c	2307	Rotating Hook	Bobbin Case	Retainer	Hinge Stud	Set Screw	...		
103012	2724	"	"	"	"	"	Position Spring	...	
792c	2307	"	"	"	"	"	"	"	Screw ...
98423	2303	"	"	"	"	"	Spring with 98468	...	
*98468	—	"	"	"	"	"	"	Pad	...
201f	2307	"	"	"	"	"	"	Screw	...
103013	2290	"	"	"	"	"	Ring (Nylon)	<i>(only supplied when specified on order).</i>	
103115	—	"	"	"	"	"	(Steel)	...	...
103014	2290	"	"	"	"	"	Spring	...	...
1443f	2308	"	"	"	"	"	"	Screw	...
103015	2290	"	"	"	"	"	Tension Spring	...	...
768f	2309	"	"	"	"	"	"	Adjusting Screw	...
662d	2307	"	"	"	"	"	"	Screw	...
†98523	2300	"	"	Cover Plate	...	...	...	...	...
†98425	2300	"	"	"	"	Bracket	...	...	...
SS45f	2088	"	"	"	"	"	Screw...	...	...
98426	1868	"	"	"	"	Hinge Pin	...	...	...
1019c	2308	"	"	"	"	"	"	Set Screw	...
98427	2303	"	"	"	"	Spring	...	...	...
176d	2307	"	"	"	"	"	Screw	...	...
98524	—	"	"	"	"	complete, Nos. 1019c, 98425 to 98427, 98523 and two 176d	...	...	...
103016	2290	"	"	Ring	...	...	...	...	...
50383e	2309	"	"	"	Screw	...	...	...	...
SS522c	2088	"	"	Screw	...	...	...	...	...
103032	2286	"	"	Shaft	...	...	...	...	...
98428	1970	"	"	"	Bushing (back)	...	...	...	...
97829	2073	"	"	"	"	( " ) Oiler	...	...	...
97678	2304	"	"	"	"	( " ) Oil Pad	...	...	...
448c	2307	"	"	"	"	( " ) Set Screw	...	...	...
98429	1970	"	"	"	"	(front)	...	...	...
97829	2073	"	"	"	"	( " ) Oiler	...	...	...
98473	1868	"	"	"	"	( " ) Oil Pad	...	...	...
423c	2308	"	"	"	"	( " ) Set Screw	...	...	...
97824	2727	"	"	"	"	Collar with two 1258c	...	...	...
1258c	2307	"	"	"	"	Set Screw	...	...	...
97808	2727	"	"	"	"	Gear with SS580f and two SS581c	...	...	...
97680	2295	"	"	"	"	Case (two pieces) with 121e and 50234d	...	...	...
50234d	2308	"	"	"	"	"	Plug Screw	...	...
121e	2307	"	"	"	"	"	Screw	...	...
SS580f	2088	"	"	"	"	"	Position Screw	...	...
SS581c	2088	"	"	"	"	"	Set Screw	...	...
97795	2306	Tension Disc	(inner)	...	...	...	...	...	...
97796	2306	"	(outer)	...	...	...	...	...	...

† For Two-Tone Machines the finish of these parts is Grey Metallic (Colour Code No. 728).

No.	Plate						
1560d	2306	<b>Tension</b>	Regulating Thumb Nut	...	...	...	...
97683	2306	"	Releasing Disc	...	...	...	...
SS536d	2088	"	Screw Stud	...	...	...	...
11422	2306	"	Spring	...	...	...	...
82446	2306	"	Washer (felt)	...	...	...	...
97797	2306	"	" (fibre)	...	...	...	...
97800	—	<b>Tension (rotating) and Thread Take-up Spring,</b>	complete, Nos. SS536d, 1560d, 11422, 82446, 82525, 97683, 97696, 97698 and 97795 to 97798	...	...	...	...
103018	2724	<b>Thread Guard</b>	(side of arm)	...	...	...	...
1143c	2308	"	" Set Screw	...	...	...	...
97769	2295	<b>Thread Lubricating Cup</b>	...	...	...	...	...
97770	—	"	" " 97769 with 160c, 97772 and 250519	...	...	...	...
250519	2304	"	" Oil Pad (felt)	...	...	...	...
160c	2307	"	" Set Screw	...	...	...	...
97772	1868	"	" Thread Guide	...	...	...	...
89363	2306	<b>Thread Retaining Disc</b>	...	...	...	...	...
*1110e	2308	"	" Screw Stud	...	...	...	...
20972	—	"	" " 1110e with 1560d	...	...	...	...
1560d	2306	"	" " Regulating Thumb Nut	...	...	...	...
2103	2306	"	" Spring	...	...	...	...
97757	—	<b>Thread Retainer,</b>	complete, Nos. 2103, 20972 and two 89363	...	...	...	...
95024	2081	"	" Thread Eyelet	...	...	...	...
SS50f	2088	"	" " Screw	...	...	...	...
97687	1970	<b>Thread Take-up Crank</b>	...	...	...	...	...
SS484e	2088	"	" " Cap Screw	...	...	...	...
97688	2304	"	" " Cotter Pin	...	...	...	...
690c	2307	"	" " " Screw	...	...	...	...
97689	2304	"	" " Lever	...	...	...	...
97690	2304	"	" " Bushing	...	...	...	...
SS515d	2088	"	" " Clamping Screw	...	...	...	...
97691	2304	"	" " Hinge Pin	...	...	...	...
97692	2304	"	" " Link	...	...	...	...
97693	2302	"	" " Hinge Pin	...	...	...	...
457e	2307	"	" " " End Screw	...	...	...	...
430al	2307	"	" " " Set Screw	...	...	...	...
97694	—	"	" " complete, Nos. 457e, SS515d and 97689 to 97693	...	...	...	...
82525	1970	"	" Spring...	...	...	...	...

No.	Plate							
97696	1970	Thread Take-up	Spring	Adjusting	Sleeve	...	...	...
97798	2303	"	"	"	Lever	...	...	...
97698	2727	"	"	"	Regulator	...	...	...
443c	2307	"	"	"	"	Set Screw	...	...

98464	2300	Throat Plate	(coarse needle hole)	...	...	...	...	...
98577	2300	"	"	(fine needle hole)	...	...	...	...
838f	2308	"	"	Screw (2)	...	...	...	...

*NOTE.—No. 98464 is sent with this machine unless otherwise specified on order.*

98434	—	Work Plate	...	...	...	...	...	...
†98435	2288	"	"	Bracket	...	...	...	...
50512d	2308	"	"	"	Screw	...	...	...
98436	—	"	"	complete, Nos. 98434, 98435 and two 50512d	...	...	...	...

† For Two-Tone Machines the finish of these parts  
is Grey Metallic (Colour Code No. 728).

# PARTS COMPLETE FOR MACHINE No. 133K17

**Long Arm, Drop Feed, Alternating Pressers. For General Cloth, Canvas  
and Leather Work.**

No.	Plate							
†*103077	—	Arm with two 56003 and three 97829	...	...	...	...	...	...

*NOTE.—Due to the accuracy required for gear alignment, Arm cannot be supplied separately and can only be sent out as a unit, Arm and Bed assembled.*

8582	2304	Arm Dowel Pin (2)	...	...	...	...	...	...
56003	2302	" Oil Tube with 52045, for intermediate bearing	...	...	...	...	...	...
52045	2081	" " " Packing (felt)	...	...	...	...	...	...
50220e	2309	" Screw (4)	...	...	...	...	...	...
103024	2286	" Shaft (horizontal)	...	...	...	...	...	...
103025	2477	" " ( " ) Bushing (intermediate)	...	...	...	...	...	...
97829	2073	" " ( " ) " ( " ) Oiler	...	...	...	...	...	...
103026	2477	" " ( " ) " ( " ) Oil Pad	...	...	...	...	...	...
423c	2308	" " ( " ) " ( " ) Set Screw	...	...	...	...	...	...
97950	2471	" " ( " ) Flanged Bushing (back)	...	...	...	...	...	...
97923	2471	" " ( " ) " " ( " ) 97950 with	...	...	...	...	...	...
		52198 and 97924	...	...	...	...	...	...
97605	2302	" " ( " ) " " ( " ) Drain Tube	...	...	...	...	...	...
97829	2073	" " ( " ) " " ( " ) Oiler	...	...	...	...	...	...
52198	2471	" " ( " ) " " ( " ) Oil Pad	...	...	...	...	...	...
		(outside, felt)	...	...	...	...	...	...
97924	—	" " ( " ) " " ( " ) Oil Pad	...	...	...	...	...	...
		(inside, braided cotton)	...	...	...	...	...	...
446c	2307	" " ( " ) " " (back) Set Screw	...	...	...	...	...	...
97951	2471	" " ( " ) " " (front)	...	...	...	...	...	...
97925	2471	" " ( " ) " " ( " ) 97951 with	...	...	...	...	...	...
		52198 and 97926	...	...	...	...	...	...
97829	2073	" " ( " ) " " ( " ) Oiler	...	...	...	...	...	...
52198	2471	" " ( " ) " " ( " ) Oil Pad	...	...	...	...	...	...
		(outside, felt)	...	...	...	...	...	...
97926	—	" " ( " ) " " ( " ) Oil Pad	...	...	...	...	...	...
		(inside, braided cotton)	...	...	...	...	...	...
50084c	2308	" " ( " ) " " (front) Set Screw	...	...	...	...	...	...
97807	2727	" " ( " ) Gear with three 50083c	...	...	...	...	...	...
97609	2288	" " ( " ) " Case (2 pieces) with 121e and	...	...	...	...	...	...
		50234d	...	...	...	...	...	...

† For Two-Tone Machines the finish of these parts  
is Grey Metallic (Colour Code No. 728).



No.	Plate								
50234d	2308	<b>Arm Shaft</b> (horizontal)	Gear Case Plug Screw	...	...	...	...	...	...
121e	2307	" "	( " ) " " Screw	...	...	...	...	...	...
50083c	2308	" "	( " ) " Set Screw	...	...	...	...	...	...
144c	2307	" "	( " ) Screw	...	...	...	...	...	...
97610	2295	" "	(upright)	...	...	...	...	...	...
97611	1970	" "	( " ) Bushing (lower)	...	...	...	...	...	...
575c	2307	" "	( " ) " ( " ) Set Screw	...	...	...	...	...	...
97612	1970	" "	( " ) " (upper)	...	...	...	...	...	...
575c	2307	" "	( " ) " ( " ) Set Screw	...	...	...	...	...	...
97808	2727	" "	( " ) Gear (lower) with SS580f and two SS581c	...	...	...	...	...	...
SS580f	2088	" "	( " ) " ( " ) Position Screw	...	...	...	...	...	...
SS581c	2088	" "	( " ) " ( " ) Set Screw	...	...	...	...	...	...
97809	2727	" "	( " ) " (upper) with SS580f and two SS581c	...	...	...	...	...	...
SS580f	2088	" "	( " ) " ( " ) Position Screw	...	...	...	...	...	...
SS581c	2088	" "	( " ) " ( " ) Set Screw	...	...	...	...	...	...
†97615	2726	" "	Side Cover	...	...	...	...	...	...
51224d	2307	" "	" " Thumb Screw	...	...	...	...	...	...
82403	2302	" "	Spool Pin (2)	...	...	...	...	...	...
†97616	2726	" "	" " Bushing	...	...	...	...	...	...
†202247	2726	" "	Top Cover	...	...	...	...	...	...
SS505h	2088	" "	" " Screw	...	...	...	...	...	...
202248	2306	" "	" " Washer	...	...	...	...	...	...
†*103078	—	<b>Bed</b>	...	...	...	...	...	...	...

*NOTE.—Due to the accuracy required for gear alignment, Bed cannot be supplied separately and can only be sent out as a unit, Arm and Bed assembled.*

†97726	2072	<b>Face Plate</b>	...	...	...	...	...	...	...
158f	2307	" "	Screw (front)...	...	...	...	...	...	...
120f	2307	" "	" (back)	...	...	...	...	...	...
SS45f	2088	" "	" (upper)	...	...	...	...	...	...
97622	1970	" "	Thread Guard	...	...	...	...	...	...
190d	2307	" "	" " Screw	...	...	...	...	...	...
98484	2081	" "	" " Thread Retainer	...	...	...	...	...	...
98402	2303	<b>Feed Dog</b>	...	...	...	...	...	...	...
98513	2300	" "	Carrier with 1396c	...	...	...	...	...	...
98404	2302	" "	" Hinge Stud	...	...	...	...	...	...
1396c	2308	" "	" " " Clamping Screw	...	...	...	...	...	...
46224	2302	" "	" " " Oiler	...	...	...	...	...	...
98406	1976	" "	" Lifting Crank with two 1177c	...	...	...	...	...	...
1177c	2308	" "	" " " Clamping Screw	...	...	...	...	...	...
98405	2303	" "	" Link	...	...	...	...	...	...
103094	—	" "	" " Lever	...	...	...	...	...	...
92646	—	" "	" " " Pin	...	...	...	...	...	...
50042c	2308	" "	" " Hinge Screw (2)	...	...	...	...	...	...
1620c	2306	" "	" " " Nut (2)	...	...	...	...	...	...

† For Two-Tone Machines the finish of these parts is Grey Metallic (Colour Code No. 728).

No.	Plate								
971c	2308	<b>Feed Dog</b>	Carrier Position Screw	...	...	...	...	...	...
SS50c	2088	"	" Screw (2)	...	...	...	...	...	...
97711	2726	<b>Feed Eccentric</b>	...	...	...	...	...	...	...
98407	2087	"	" Adjusting Disc	...	...	...	...	...	...
97628	2726	"	" Flange	...	...	...	...	...	...
97629	2295	"	" Coupling with five 50083c	...	...	...	...	...	...
50083c	2308	"	" " Screw	...	...	...	...	...	...
213655	1970	"	" Friction Spring Washer	...	...	...	...	...	...
SS513e	2088	"	" " " Screw	...	...	...	...	...	...
1521e	2306	"	" " " Nut	...	...	...	...	...	...
SS514e	2088	"	" Fulcrum Screw	...	...	...	...	...	...
1521e	2306	"	" " Nut	...	...	...	...	...	...
97713	2727	"	Lifting Eccentric with two 446c	...	...	...	...	...	...
446c	2307	"	" " Set Screw	...	...	...	...	...	...
103064	2286	"	" Rock Shaft	...	...	...	...	...	...
98409	1976	"	" " Bushing (front)	...	...	...	...	...	...
423c	2308	"	" " " ( " ) Set Screw	...	...	...	...	...	...
98410	1976	"	" " " (back)	...	...	...	...	...	...
435c	2307	"	" " " ( " ) Set Screw	...	...	...	...	...	...
98412	2296	"	" " " Connecting Rod with 97716 and two 1186e	...	...	...	...	...	...
*97716	—	"	" " " " Cap	...	...	...	...	...	...
1186e	2308	"	" " " " " Screw	...	...	...	...	...	...
SS534c	2088	"	" " " " " Hinge Screw	...	...	...	...	...	...
1608c	2306	"	" " " " " " Nut	...	...	...	...	...	...
98411	1976	"	" " " " Crank	...	...	...	...	...	...
SS370c	2088	"	" " " " " Set Screw	...	...	...	...	...	...
213161	2727	"	Regulating Lever with 213657	...	...	...	...	...	...
SS506c	2088	"	" " " Hinge Screw	...	...	...	...	...	...
97771	2303	"	" " " Spring	...	...	...	...	...	...
213657	2727	"	" " " Pin...	...	...	...	...	...	...
103093	—	"	Rock Shaft	...	...	...	...	...	...
103065	2323	"	" " " 103093 with 92646 and 103094	...	...	...	...	...	...
98414	1976	<b>Feed Rock Shaft</b>	Bushing (front)	...	...	...	...	...	...
423c	2308	"	" " " ( " ) Set Screw	...	...	...	...	...	...
98415	1976	"	" " " (back)	...	...	...	...	...	...
435c	2307	"	" " " ( " ) Set Screw...	...	...	...	...	...	...
98417	2296	"	" " " Connecting Rod with 97716 and two 1186e	...	...	...	...	...	...
*97716	—	"	" " " " Cap	...	...	...	...	...	...
1186e	2308	"	" " " " " Screw	...	...	...	...	...	...
SS534c	2088	"	" " " " " Hinge Screw	...	...	...	...	...	...
1608c	2306	"	" " " " " " Nut	...	...	...	...	...	...
98416	1976	"	" " " Crank with SS523c	...	...	...	...	...	...
SS523c	2088	"	" " " Clamping Screw	...	...	...	...	...	...
85527	2288	<b>Guide</b>	...	...	...	...	...	...	...
793d	2307	"	Thumb Screw (2)	...	...	...	...	...	...

No.	Plate								
97654	2295	<b>Lifting Presser Bar</b>	...	...	...	...	...	...	...
97729	2073	"	"	"	Bell Crank	...	...	...	...
1480c	2307	"	"	"	"	"	Cap Screw (2)	...	...
97730	2073	"	"	"	"	"	Connecting Link	...	...
1480c	2307	"	"	"	"	"	"	Cap Screw	...
97731	2073	"	"	"	"	"	Driving Arm with 453c	...	...
97735	2072	"	"	"	"	"	"	Eccentric Con- nection	...
SS534c	2088	"	"	"	"	"	"	"	Con- nection Hinge Screw
1608c	2306	"	"	"	"	"	"	Arm Eccentric Con- nection Hinge Screw Nut	...
2117	2302	"	"	"	"	"	"	Arm Pin	...
453c	2307	"	"	"	"	"	"	Set Screw	...
97732	2072	"	"	"	"	"	"	Shaft	...
97733	2072	"	"	"	"	"	"	"	Bracket ...
50307d	2307	"	"	"	"	"	"	"	Screw
97734	—	"	"	"	"	"	Driving Arm Shaft Bracket, complete, Nos. 2117 and 97731 to 97733	...	...
97736	2073	"	"	"	"	"	Guide Bracket with two 1186c	...	...
1186c	2308	"	"	"	"	"	Clamping Screw	...	...
97762	2073	"	"	"	"	"	Gib	...	...
440c	2307	"	"	"	"	"	"	Adjusting Screw	...
1698c	2307	"	"	"	"	"	"	"	Nut
97737	2073	"	"	"	"	"	Support	...	...
171e	2307	"	"	"	"	"	"	Screw (2)	...
97738	2322	"	"	"	Foot	...	...	...	...
SS329f	2088	"	"	"	"	Screw	...	...	...
1547c	2306	"	"	"	"	"	Nut	...	...
103113	—	<b>Machine Pulley 'V' belt groove (diam. of belt groove 4<math>\frac{1}{4}</math>" ) with two 434c</b>	...	...	...	...	...	...	...
97791	1973	"	"	"	5 $\frac{1}{4}$ " (9" diam.) with two 434c, for Foot Power	...	...	...	...
97835	—	"	"	"	(two-speed) with two 434c, for Foot Power	...	...	...	...
434c	2307	"	"	"	Set Screw	...	...	...	...

*NOTE.—No. 103113 is sent with this machine unless otherwise specified on order, but Bobbin Winder No. 97945 must be used with Machine Pulley No. 97791 or No. 97835.*

## Catalogue

5011	—	<b>Needle, size 25 (216 × 1)</b>	...	...	...	...	...
97644	2295	<b>Needle Bar (hollow)</b>	...	...	...	...	...
97645	1970	"	"	Bushing (lower)	...	...	...
889c	2307	"	"	"	( " ) Set Screw	...	...
97646	2295	"	"	"	(upper)	...	...
SS509e	2088	"	"	"	( " ) Cap Screw	...	...
46224	2302	"	"	"	( " ) Oiler	...	...
889c	2307	"	"	"	( " ) Set Screw	...	...

No.	Plate						
97648	2303	<b>Needle Bar</b>	Connecting Link	...	...	...	...
97649	1970	"	"	"	"	Stud with two SS512c	...
SS512c	2088	"	"	"	"	Clamping Screw	...
97650	2322	"	"	"	"	Slide Block	...
97727	2072	"	"	Crank	...	...	...
97778	—	"	"	"	97727 with SS320c, SS370c, 2022 and 97777	...	...
97777	2073	"	"	"	Eccentric	...	...
2022	2302	"	"	"	Position Pin	...	...
SS370c	2088	"	"	"	Position Screw	...	...
SS320c	2088	"	"	"	Set Screw	...	...
97794	1970	<b>Needle Clamp</b>	...	...	...	...	...
97652	—	"	"	97794 with 156f, 217f and 97653	...	...	...
156f	2307	"	"	Screw	...	...	...
97653	1970	"	"	Thread Guide	...	...	...
217f	2307	"	"	"	Screw	...	...
82429	2295	<b>Presser Bar Lifter</b>	...	...	...	...	...
SS186f	2088	"	"	"	Screw	...	...
1518c	2306	"	"	"	Nut	...	...
97763	2073	"	"	Lifting and Releasing Lever Bracket	...	...	...
97706	2072	"	"	Spring	...	...	...
252c	2308	<b>Pressure Regulating Thumb Screw</b>	...	...	...	...	...
103019	2289	<b>Rotating Hook</b>	with 103016, 103021 and three 50383e	...	...	...	...
103020	—	"	"	103019 with 103006	...	...	...
103123	—	"	"	103019 " 103119	...	...	...
103021	2289	"	"	Base with three SS522c	...	...	...
97949	2402	"	"	Bobbin	...	...	...
*103004	2290	"	"	"	Case	...	...
103090	—	"	"	"	103004 with 103007 to 103010	...	...
103005	2290	"	"	"	103090 with 662d, 768f, 1443f and 103013 to 103015	...	...
103118	—	"	"	"	103090 with 662d, 768f, 1443f, 103014, 103015 and 103115	...	...
103006	—	"	"	"	103005 with 97949	...	...
103119	—	"	"	"	103118 " 97949	...	...
103007	2290	"	"	"	Bobbin Retainer	...	...
103008	2290	"	"	"	"	Hinge Pin	...
103009	2290	"	"	"	"	Spring	...
103010	2290	"	"	"	"	Plunger	...
103055	2724	"	"	"	Position Bracket	...	...
SS582e	2308	"	"	"	"	Screw (2)	...
98419	2303	"	"	"	Retainer	...	...
98420	1970	"	"	"	"	Bracket	...
446c	2307	"	"	"	"	Set Screw (2)	...
98422	1970	"	"	"	"	Hinge Stud	...
889c	2307	"	"	"	"	Set Screw	...
103012	2724	"	"	"	"	Position Spring	...
792e	2307	"	"	"	"	Screw	...

No.	Plate								
98423	2303	<b>Rotating Hook Bobbin Case Retainer Spring with 98468</b>						...	...
*98468	—	"	"	"	"	"	"	Pad	...
201f	2307	"	"	"	"	"	"	Screw	...
103013	2290	"	"	"	"	Ring (Nylon) <i>(only supplied when specified on order).</i>			
103115	—	"	"	"	"	"	(Steel)	...	...
103014	2290	"	"	"	"	"	Spring	...	...
1443f	2308	"	"	"	"	"	"	Screw	...
103015	2290	"	"	"	"	Tension Spring			
768f	2309	"	"	"	"	"	"	Adjusting Screw	...
662d	2307	"	"	"	"	"	"	Screw	...
†98523	2300	"	"	Cover Plate				...	...
†98425	2300	"	"	"	"	Bracket			
SS45f	2088	"	"	"	"	"	"	Screw...	...
98426	1868	"	"	"	"	Hinge Pin			
1019c	2308	"	"	"	"	"	"	Set Screw	...
98427	2303	"	"	"	"	Spring			
176d	2307	"	"	"	"	"	"	Screw	...
98524	—	"	"	"	"	complete, Nos. 1019c, 98425 to 98427, 98523 and two 176d			
103016	2290	"	"	Ring		...	...	...	...
50383e	2309	"	"	Screw		...	...	...	...
SS522c	2088	"	"	Screw		...	...	...	...
103032	2286	"	"	Shaft		...	...	...	...
98428	1970	"	"	Bushings (back)		...	...	...	...
97678	2304	"	"	"	"	( " )	Oil Pad	...	...
448c	2307	"	"	"	"	( " )	Set Screw	...	...
98429	1970	"	"	"	"	(front)	...	...	...
98473	1868	"	"	"	"	( " )	Oil Pad	...	...
423c	2308	"	"	"	"	( " )	Set Screw	...	...
97824	2727	"	"	"	"	Collar with two 1258c			
1258c	2307	"	"	"	"	Set Screw			
97808	2727	"	"	"	"	Gear with SS580f and two SS581c			
97680	2295	"	"	"	"	Case (two pieces) with 121e and 50234d			
50234d	2308	"	"	"	"	"	Plug Screw	...	...
121e	2307	"	"	"	"	"	Screw	...	...
SS580f	2088	"	"	"	"	Position Screw			
SS581c	2088	"	"	"	"	Set Screw			
97804	2322	<b>Slack Thread Regulator</b>						...	...
97805	2322	"	"	"	"	97804 with SS515d and 97690			
97690	2304	"	"	"	"	Bushings			
SS515d	2088	"	"	"	"	"	Clamping Screw	...	...
190d	2307	"	"	"	"	Screw (2)			

† For Two-Tone Machines the finish of these parts is Grey Metallic (Colour Code No. 728).



No.	Plate						
97795	2306	<b>Tension Disc (inner)</b>	...	...	...	...	...
97796	2306	" " (outer)	...	...	...	...	...
1560d	2306	" Regulating Thumb Nut	...	...	...	...	...
97683	2306	" Releasing Disc	...	...	...	...	...
97684	2303	" " Lever...	...	...	...	...	...
646d	2307	" " " Hinge Screw	...	...	...	...	...
12329	2304	" " " Spring	...	...	...	...	...
97799	2302	" " Pin	...	...	...	...	...
SS536d	2088	" Screw Stud	...	...	...	...	...
11422	2306	" Spring	...	...	...	...	...
82446	2306	" Washer (felt)	...	...	...	...	...
97797	2306	" " (fibre)	...	...	...	...	...
97800	—	<b>Tension (rotating) and Thread Take-up Spring, complete,</b> Nos. SS536d, 1560d, 11422, 82446, 82525, 97683, 97696, 97698 and 97795 to 97798	...	...	...	...	...
97756	—	<b>Thread Guard (side of arm)</b>	...	...	...	...	...
1143c	2308	" " Set Screw	...	...	...	...	...
97769	2295	<b>Thread Lubricating Cup</b>	...	...	...	...	...
97770	—	" " " 97769 with 160c, 97772 and 250519	...	...	...	...	...
250519	2304	" " " Oil Pad (felt)	...	...	...	...	...
160c	2307	" " " Set Screw	...	...	...	...	...
97772	1868	" " " Thread Guide	...	...	...	...	...
89363	2306	<b>Thread Retaining Disc</b>	...	...	...	...	...
*1110e	2308	" " Screw Stud	...	...	...	...	...
20972	—	" " " " 1110e with 1560d	...	...	...	...	...
1560d	2306	" " " " Regulating Thumb Nut	...	...	...	...	...
2103	2306	" " Spring	...	...	...	...	...
97757	—	<b>Thread Retainer, complete, Nos. 2103, 20972 and two 89363</b>	...	...	...	...	...
95024	2081	" " Thread Eyelet	...	...	...	...	...
SS50f	2088	" " " " Screw	...	...	...	...	...
97687	1970	<b>Thread Take-up Crank</b>	...	...	...	...	...
SS484e	2088	" " " Cap Screw	...	...	...	...	...
97688	2304	" " " Cotter Pin	...	...	...	...	...
690c	2307	" " " " Screw	...	...	...	...	...
97689	2304	" " Lever	...	...	...	...	...
97690	2304	" " Bushing	...	...	...	...	...
SS515d	2088	" " " Clamping Screw	...	...	...	...	...
97691	2304	" " " Hinge Pin	...	...	...	...	...
97692	2304	" " " Link	...	...	...	...	...
97693	2302	" " " Hinge Pin	...	...	...	...	...
457e	2307	" " " " End Screw	...	...	...	...	...
430al	2307	" " " " Set Screw	...	...	...	...	...
97694	—	" " complete, Nos. 457e, SS515d and 97689 to 97693	...	...	...	...	...

No.	Plate							
82525	1970	<b>Thread Take-up Spring...</b>	...	...	...	...	...	...
97696	1970	" " " Adjusting Sleeve ...	...	...	...	...	...	...
97798	2303	" " " Lever ...	...	...	...	...	...	...
97698	2727	" " " Regulator ...	...	...	...	...	...	...
443c	2307	" " " " Set Screw	...	...	...	...	...	...
98430	2300	<b>Throat Plate ...</b>	...	...	...	...	...	...
98431	2300	" " Body ...	...	...	...	...	...	...
98476	2300	" " " complete, Nos. 98430, 98431 and two 50123f	...	...	...	...	...	...
SS45f	2088	" " " Screw (2) ...	...	...	...	...	...	...
50123f	2308	" " " Screw ...	...	...	...	...	...	...
97739	2072	<b>Vibrating Presser Bar ...</b>	...	...	...	...	...	...
97802	2073	" " " Cap ...	...	...	...	...	...	...
1480c	2307	" " " " Screw for 97739	...	...	...	...	...	...
207f	2307	" " " " " " 97802	...	...	...	...	...	...
97803	2073	" " " Cushion ...	...	...	...	...	...	...
97742	2073	" " " Spring ...	...	...	...	...	...	...
225d	2307	" " " " Screw	...	...	...	...	...	...
97743	2322	<b>Vibrating Presser Foot...</b>	...	...	...	...	...	...
898d	2307	" " " Screw ...	...	...	...	...	...	...
1547e	2306	" " " " Nut	...	...	...	...	...	...
98486	1973	<b>Work Plate ...</b>	...	...	...	...	...	...
†98487	2087	" " Bracket ...	...	...	...	...	...	...
50512d	2308	" " " Screw ...	...	...	...	...	...	...
98488	—	<b>Work Plate, complete, Nos. 98486, 98487 and two 50512d</b>	...	...	...	...	...	...

*NOTE.—No. 98488 is only supplied when specified on order and at an extra charge.*

† For Two-Tone Machines the finish of these parts  
is Grey Metallic (Colour Code No. 728).

## Accessories

No.	Plate							
—	—	Instruction Book	...	...	...	...	...	...
51077e	2308	Machine Bolt with 1524e, $3'' \times \frac{1}{4}''$ (4)			...	...	...	...
6055	2306	" " Washer (4)			...	...	...	...
93012	2322	" " " (small) (4)	...		...	...	...	...
Catalogue								
5401	—	Needles, six size 22 ( $216 \times 5$ ) for 133K12 Machine	...		...		...	...
Catalogue								
5021	—	" three each sizes 28 and 29 ( $216 \times 7$ ) for 133K13, 133K14 and 133K18 Machines						
Catalogue								
5011	—	" three each sizes 23 and 25 ( $216 \times 1$ ) for 133K15 Machine						
Catalogue								
5011	—	" six size 25 ( $216 \times 1$ ) for 133K17 Machine	...		...		...	...
120342	1600	Oiler	...	...	...	...	...	...
97949	2402	Rotating Hook Bobbin (2)			...	...	...	...
86611	1600	Screw Driver (large)	...	...	...	...	...	...
161295	—	" " (small)	...	...	...	...	...	...

# Bobbin Winders

## BOBBIN WINDER

(Swinging Automatic, Left Hand) for 133K13 to 133K15, 133K17 and 133K18 Machines.

No.	Plate								
†41894	2401	Base with 449c	...	...	...	...	...	...	...
894d	2307	" Screw	...	...	...	...	...	...	...
2362	2402	Bobbin Position Pin	...	...	...	...	...	...	...
†41896	2402	Frame	...	...	...	...	...	...	...
41441	2402	" Hinge Pin	...	...	...	...	...	...	...
449c	2307	" " " Set Screw	...	...	...	...	...	...	...
125044	2081	" Oil Pad	...	...	...	...	...	...	...
41897	2402	" Spring	...	...	...	...	...	...	...
43270	2401	Friction Pulley with 43271, two 448c and ten 15405	...	...	...	...	...	...	...
43271	2401	" " Ring (leather)	...	...	...	...	...	...	...
15405	—	" " " Rivet	...	...	...	...	...	...	...
448c	2307	" " Set Screw...	...	...	...	...	...	...	...
97942	2402	Spindle with 2362	...	...	...	...	...	...	...
†97748	2402	Stop Latch	...	...	...	...	...	...	...
41446	2402	" " Hinge Pin	...	...	...	...	...	...	...
2269	2402	" " Pin	...	...	...	...	...	...	...
†97749	2401	Support Bracket	...	...	...	...	...	...	...
346e	2307	" " Screw	...	...	...	...	...	...	...
†97774	2401	Tension Bracket	...	...	...	...	...	...	...
50073d	2308	" " Screw	...	...	...	...	...	...	...
2102	2304	" Disc	...	...	...	...	...	...	...
SS521c	2088	" Screw Stud	...	...	...	...	...	...	...
889c	2307	" " " Set Screw	...	...	...	...	...	...	...
1560d	2306	" " " Thumb Nut	...	...	...	...	...	...	...
2103	2306	" Spring	...	...	...	...	...	...	...
97826	2081	" Thread Guard	...	...	...	...	...	...	...
889c	2307	" " " Set Screw	...	...	...	...	...	...	...
97776	—	Tension, complete, Nos. SS521c, 1560d, 2103, 97774, 97826, two each 889c and 2102	...	...	...	...	...	...	...
41899	2402	Tripping Arm with 176d	...	...	...	...	...	...	...
176d	2307	" " Clamping Screw	...	...	...	...	...	...	...
97750	2402	" " Spring	...	...	...	...	...	...	...
97944	2401	<b>Bobbin Winder, complete, Nos. 346e, 2269, 41441, 41446, 41894, 41896, 41897, 41899, 43270, 97748 to 97750, 97776, 97942, 125044, two 50073d and three 894d</b>	...	...	...	...	...	...	...

† For Two-Tone Machines the finish of these parts is Grey Metallic (Colour Code No. 728).

## BOBBIN WINDER

(Swinging Automatic, Left Hand) for 133K12 Machine.

This is the same as Bobbin Winder No. 97944 with the following exceptions:—

No.	Plate						
103049	2725	Base with 449c ...	...	...	...	...	...
103050	2725	Support Bracket	...	...	...	...	...
98579	2101	Tension Bracket	...	...	...	...	...
98580	—	" complete, Nos. SS521c, 1560d, 2103, 97826, 98579, two					
		each 889c and 2102					
97947	—	<b>Bobbin Winder</b> , complete, Nos. 346e, 2269, 41441, 41446,					
		41896, 41897, 41899, 43270, 97748, 97750, 97942, 98580,					
		103049, 103050, 125044, two 50073d and three 894d					...

## BOBBIN WINDER

(Swinging Automatic, Left Hand) for 133K13, 133K15, 133K17 and 133K18 Machines.

When fitted with Machine Pulley No. 97791 for Foot Power.

This is the same as Bobbin Winder No. 97944 with the following exception:—

No.	Plate						
97792	2401	Support Bracket	...	...	...	...	...
97945	—	<b>Bobbin Winder</b> , complete, Nos. 346e, 2269, 41441, 41446,					
		41894, 41896, 41897, 41899, 43270, 97748, 97750, 97776,					
		97792, 97942, 125044, two 50073d and three 894d					...



**BOBBIN WINDER (Universal Type)****(Swinging Automatic, Right Hand)***Supplied only when specified on order.*

No.	Plate							
2362	2402	Bobbin Position Pin	...	...	...	...	...	...
225453	2435	Frame with 202277 and 259660	...	...	...	...	...	...
225454	2435	" Hinge Pin	...	...	...	...	...	...
202277	—	" Oil Packing (wick)	...	...	...	...	...	...
259660	2435	" " Well Washer	...	...	...	...	...	...
225455	2435	" Spring	...	...	...	...	...	...
225456	2435	" " Plunger	...	...	...	...	...	...
202473	2434	Pulley with 200380c	...	...	...	...	...	...
200380c	2435	" Set Screw	...	...	...	...	...	...
97943	2402	Spindle with 2362	...	...	...	...	...	...
97921	2435	Stop Latch	...	...	...	...	...	...
200056e	2435	" " Screw	...	...	...	...	...	...
225458	2435	" " Thumb Lever...	...	...	...	...	...	...
225459	2435	" " " " Hinge Stud	...	...	...	...	...	...
225459	2435	" " " " Joint Stud	...	...	...	...	...	...
202478	2435	" " Trip Lever	...	...	...	...	...	...
200299h	2435	" " " " Hinge Screw	...	...	...	...	...	...
225461	2315	Tension Bracket with 201499b	...	...	...	...	...	...
200082d	2315	" " Screw	...	...	...	...	...	...
228026	2435	" " " Washer	...	...	...	...	...	...
2102	2304	" Disc	...	...	...	...	...	...
13710	2315	" Spring	...	...	...	...	...	...
201499b	2315	" Stud	...	...	...	...	...	...
201572b	2315	" " Thumb Nut	...	...	...	...	...	...
225462	—	Tension Bracket, complete, Nos. 13710, 201572b, 225461 and two 2102	...	...	...	...	...	...
225433	2434	Bobbin Winder and Tension Bracket Base	...	...	...	...	...	...
97948	2434	<b>Bobbin Winder</b> (Universal), complete, Nos. 97921, 97943, 200056e, 200082d, 200299h, 202473, 202478, 225433, 225453 to 225456, 225458, 225462, 228026, two each 225459 and wood screws $\frac{3}{4}$ " No. 12 R.H.B. ..						

**BOBBIN WINDER (Universal)****(Swinging Automatic, Right Hand) for "V" Belt Drive***Supplied only when specified on order.*

This is the same as Bobbin Winder 97948 with the following exception :—

No.	Plate							
104196	—	Pulley with 200380c	...	...	...	...	...	...
97953	—	<b>Bobbin Winder</b> (Universal), complete, Nos. 97921, 97943, 104196, 200056e, 200082d, 200299h, 202478, 225433, 225453 to 225456, 225458, 225462, 228026, two each 225459 and wood screws $\frac{3}{4}$ " No. 12 R.H.B. ..						

# Foot Lifter

for 133K17 Machine.

*Supplied only when specified on order.*

No.	Plate								
4881	1973	Foot Lever	...	...	...	...	...	...	...
97785	-	" "	Chain (34" long), with 39575, 39576 and 56864	...	...	...	...	...	...
4879	2303	" "	" Connecting Link	...	...	...	...	...	...
39576	2081	" "	" Hook (upper)	...	...	...	...	...	...
39575	2081	" "	" " (centre)	...	...	...	...	...	...
56864	2081	" "	" " (lower)	...	...	...	...	...	...
4884	1973	" "	Floor Bracket	...	...	...	...	...	...
—	—	" "	" " Screw (wood) 1" No. 16	...	...	...	...	...	...
4882	2087	" "	Hinge Pin	...	...	...	...	...	...
4883	2087	" "	" " Spring	...	...	...	...	...	...
4885	1973	" "	4881, with 4879, 4882 to 4884 and two wood screws	...	...	...	...	...	...
								1" No. 16	
97786	—	" "	complete, Nos. 4885 and 97785	...	...	...	...	...	...
103079	2286	Lifting Lever with 448c	...	...	...	...	...	...	...
103087	—	" "	103079 with 97723, 103085 and two 161r	...	...	...	...	...	...
98470	2296	" "	Connecting Rod	...	...	...	...	...	...
12416	2303	" "	" " Joint	...	...	...	...	...	...
76d	2307	" "	" " Hinge Screw	...	...	...	...	...	...
1521e	2306	" "	" " Lock Nut	...	...	...	...	...	...
103085	2286	" "	Extension	...	...	...	...	...	...
161r	2309	" "	" Screw	...	...	...	...	...	...
694d	2307	" "	Hinge Screw	...	...	...	...	...	...
97768	2073	" "	Link	...	...	...	...	...	...
100d	2307	" "	" Hinge Screw	...	...	...	...	...	...
97723	2288	" "	Pin	...	...	...	...	...	...
448c	2307	" "	" Set Screw	...	...	...	...	...	...
103080	2286	" "	Spring	...	...	...	...	...	...
1115d	2322	" "	" Screw	...	...	...	...	...	...
103081	—	Foot Lifter,	complete, Nos. 76d, 100d, 694d, 1115d, 1521e,	...	...	...	...	...	...
			12416, 97768, 97786, 98470, 103080 and 103087	...	...	...	...	...	...

# Thread Unwinder

## For Two Spools of Thread.

No.	Plate								
27623	1855	Spool Pin	...	...	...	...	...	...	...
98489	—	" Rest	...	...	...	...	...	...	...
98490	1855	" "	98489 with 1149c and two 27623					...	...
225388	1855	" "	Rod	...	...	...	...	...	...
200383c	2308	" "	" Set Screw	...	...	...	...	...	...
1149c	2308	" "	" Set Screw	...	...	...	...	...	...
202490	1855	"	Stand with 200383c	...	...	...	...	...	...
98491	1855	Thread Guide with 208e			...	...	...	...	...
208e	2307	" "	" Set Screw	...	...	...	...	...	...
—	—	Screw (wood) $\frac{7}{8}$ " No. 13 (for fixing to table)...						...	...
98492	1855	<b>Thread Unwinder</b> , complete, Nos. 98490, 98491, 202490, 225388 and three wood screws $\frac{7}{8}$ " No. 13						...	...

## Numerical List of Parts

No.	Plate	
RR40	2724	Tension Releasing Crank Roller for 98571 ...
SS45f	2088	Face Plate Screw (upper) for 133K17 Machine ...
SS45f	2088	Face Plate Screw for 133K12 to 133K15 and 133K18 Machines ...
SS45f	2088	Rotating Hook Cover Plate Bracket Screw
SS45f	2088	Throat Plate Body Screw for 133K17 Machine
SS50c	2088	Feed Dog Screw for 133K17 Machine ...
SS50f	2088	Thread Retainer Thread Eyelet Screw ...
76d	2307	Foot Lifter Lifting Lever Connecting Rod Joint Hinge Screw for 103081 ...
100d	2307	Foot Lifter Lifting Lever Link Hinge Screw for 103081 ...
NN104e	2306	Lifting Presser Bar Yoke Socket Nut, with 50073d, for 133K12 Machine ...
118e	2307	Arm Screw for 133K13, 133K14 and 133K18 Machines ...
120f	2307	Face Plate Screw (back) for 133K17 Machine
121e	2307	Arm Shaft (horizontal) Gear Case Screw for 97609 ...
121e	2307	Rotating Hook Shaft Gear Case Screw for 97680 ...
141e	2308	Tension Releasing Crank Lever Extension Binding Screw for 98573 ...
144c	2307	Arm Shaft (horizontal) Screw for 133K13 to 133K15, 133K17 and 133K18 Machines
145e	2308	Lifting Presser Bar Eccentric Connection Cap Screw for 103029 and 103054 ...
156f	2307	Needle Bar Clamp and Thread Guide Screw for 98596 ...
156f	2307	Needle Clamp Screw for 97652 ...
158e	2307	Tension Releasing Crank Cap Screw for 98571
158f	2307	Face Plate Screw (front) for 133K17 Machine
160c	2307	Thread Lubricating Cup Set Screw for 97770
161r	2309	Foot Lifter Lifting Lever Extension Screw for 103087 ...
171e	2307	Lifting Presser Bar Guide Bracket Support Screw for 133K17 Machine ...
176d	2307	Bobbin Winder Tripping Arm Clamping Screw for 41899 ...
176d	2307	Rotating Hook Cover Plate Spring Screw for 98524 ...
180d	2308	Arm Side Cover Oil Reservoir Screw for 133K13 and 133K14 Machines ...

No.	Plate	
SS186f	2088	Presser Bar Lifter Screw for 133K17 Machine
SS186f	2088	Tension Releasing Crank Lever Link Guide
		Screw for 133K12 Machine ... ..
190d	2307	Driving Attachment Lever Friction Pad
		Screw for 98511 ... ..
190d	2307	Face Plate Thread Eyelet Retainer Screw for
		133K13 to 133K15 and 133K18 Machines
190d	2307	Face Plate Thread Guard Screw for 133K12
		and 133K17 Machines ... ..
190d	2307	Slack Thread Regulator Screw for 133K17
		Machine ... ..
190e	2307	Oil Reservoir Oil Pipe Clip Screw for 133K13
		and 133K14 Machines ... ..
191c	2308	Lifting Presser Bar Bell Crank Connection
		Hinge Stud Set Screw for 98444 ... ..
191c	2308	Lifting Presser Bar Eccentric Connection
		Hinge Stud Set Screw for 98448 ... ..
201f	2307	Rotating Hook Bobbin Case Retainer Spring
		Screw ... ..
207f	2307	Vibrating Presser Bar Cap Screw for 97802 ... ..
208e	2307	Thread Unwinder Thread Guide Set Screw
		for 98491 ... ..
217f	2307	Needle Clamp Thread Guide Screw for 97652
225d	2307	Vibrating Presser Bar Spring Screw for
		133K17 Machine ... ..
252e	2308	Pressure Regulating Thumb Screw for
		133K17 Machine ... ..
SS320c	2088	Needle Bar Crank Set Screw for 97651 and
		97778 ... ..
SS326e	2308	Lifting Presser Bar Screw Bushing for
		133K12 Machine ... ..
SS329f	2088	Lifting Presser Foot Screw ... ..
346e	2307	Bobbin Winder Support Bracket Screw for
		97944, 97945 and 97947 ... ..
356c	2309	Machine Starting Lever Pitman Rod Treadle
		Extension Rod Set Screw for 84935 ... ..
363c	2308	Driving Attachment Lever Belt Shifter
		Clamping Screw for 98503 ... ..
363c	2308	Driving Attachment Lever Belt Shifter Rod
		Clamping Screw for 98505 ... ..
SS370c	2088	Feed Lifting Rock Shaft Crank Set Screw for
		133K17 Machine ... ..
SS370c	2088	Needle Bar Crank Position Screw for 97651
		and 97778 ... ..
423c	2308	Arm Shaft (horizontal) Bushing (inter-
		mediate) Set Screw for 133K15 and
		133K17 Machines ... ..



No.	Plate	
423c	2308	Feed Lifting Rock Shaft Bushing (front) Set Screw for 133K17 Machine ... ..
423c	2308	Feed Rock Shaft Bushing (front) Set Screw for 133K17 Machine ... ..
423c	2308	Rotating Hook Shaft Bushing (front) Set Screw ... ..
430al	2307	Thread Take-up Lever Link Hinge Pin Set Screw ... ..
SS432c	2308	Machine Pulley Set Screw for 98498 ...
434c	2307	Machine Pulley Set Screw for 97791, 97835, 98498 and 103113 ... ..
435c	2307	Feed Lifting Rock Shaft Bushing (back) Set Screw for 133K17 Machine ... ..
435c	2307	Feed Rock Shaft Bushing (back) Set Screw for 133K17 Machine ... ..
440c	2307	Lifting Presser Bar Guide Bracket Gib Adjusting Screw for 133K17 Machine ...
443al	2307	Oiler Pipe Screw for 103097 ... ..
443c	2307	Thread Take-up Spring Regulator Set Screw
446c	2307	Arm Shaft (horizontal) Flanged Bushing (back) Set Screw ... ..
446c	2307	Feed Lifting Eccentric Set Screw for 97713
446c	2307	Rotating Hook Bobbin Case Retainer Bracket Set Screw ... ..
448c	2307	Bobbin Winder Friction Pulley Set Screw for 43270 ... ..
448c	2307	Driving Attachment Lever Spindle Set Screw for 98511 ... ..
448c	2307	Foot Lifter Lifting Lever Pin Set Screw for 103079 ... ..
448c	2307	Lifting Presser Bar Bell Crank Hinge Stud Set Screw for 133K13 to 133K15 and 133K18 Machines ... ..
448c	2307	Lifting Presser Bar Eccentric Screw for 98451
448c	2307	Lifting Presser Bar Shaft Bushing (back) Set Screw for 133K13 to 133K15 and 133K18 Machines ... ..
448c	2307	Lifting Presser Bar Shaft Bushing (front) Set Screw for 133K13 to 133K15 and 133K18 Machines ... ..
448c	2307	Rotating Hook Shaft Bushing (back) Set Screw ... ..
448c	2307	Tension Releasing Crank Lever Pin Set Screw for 98574 ... ..
449c	2307	Bobbin Winder Frame Hinge Pin Set Screw for 41894 and 103049 ... ..

No.	Plate	
453c	2307	Lifting Presser Bar Bell Crank Driving Arm Set Screw for 97731 ... ..
457e	2307	Thread Take-up Lever Link Hinge Pin End Screw for 97694 ... ..
SS484e	2088	Thread Take-up Crank Cap Screw ...
SS505h	2088	Arm Top Cover Screw ... ..
SS506c	2088	Feed Regulating Lever Hinge Screw for 133K17 Machine ... ..
SS509e	2088	Lifting Presser Bar Bushing (upper) Cap Screw for 133K13 to 133K15 and 133K18 Machines ... ..
SS509e	2088	Needle Bar Bushing (upper) Cap Screw for 133K13 to 133K15, 133K17 and 133K18 Machines ... ..
SS512c	2088	Needle Bar Connecting Link Stud Clamping Screw for 97649 ... ..
SS513e	2088	Feed Eccentric Friction Spring Washer Screw for 133K17 Machine ... ..
SS514e	2088	Feed Eccentric Fulcrum Screw for 133K17 Machine ... ..
SS515d	2088	Slack Thread Regulator Bushing Clamping Screw for 97805 ... ..
SS515d	2088	Thread Take-up Lever Bushing Clamping Screw for 97694 ... ..
SS521c	2088	Bobbin Winder Tension Screw Stud for 97776 and 98580 ... ..
SS522c	2088	Rotating Hook Screw for 103003, 103021 and 103103 ... ..
SS523c	2088	Feed Rock Shaft Crank Clamping Screw for 98416 ... ..
SS534c	2088	Feed Lifting Rock Shaft Connecting Rod Hinge Screw for 133K17 Machine ...
SS534c	2088	Feed Rock Shaft Connecting Rod Hinge Screw for 133K17 Machine ... ..
SS534c	2088	Lifting Presser Bar Bell Crank Driving Arm Eccentric Connection Hinge Screw for 133K17 Machine ... ..
SS536d	2088	Tension Screw Stud for 97800 ... ..
SS545d	2308	Machine Pulley End Screw for 133K14 Machine ... ..
SS546c	2308	Driving Attachment Lever Belt Shifter Carrier Screw for 98511 ... ..
SS547c	2308	Driving Attachment Lever Bracket Screw for 98511 ... ..
SS547c	2308	Machine Stop Motion Bracket Screw for 103048 ... ..

No.	Plate				
575c	2307	Arm Shaft (upright) Bushing (lower) Set Screw	...	...	...
575c	2307	Arm Shaft (upright) Bushing (upper) Set Screw	...	...	...
SS580f	2088	Arm Shaft (upright) Gear (lower) Position Screw for 97808	...	...	...
SS580f	2088	Arm Shaft (upright) Gear (upper) Position Screw for 97809	...	...	...
SS580f	2088	Rotating Hook Shaft Gear Position Screw for 97803	...	...	...
SS581c	2088	Arm Shaft (upright) Gear (lower) Set Screw for 97808	...	...	...
SS581c	2088	Arm Shaft (upright) Gear (upper) Set Screw for 97809	...	...	...
SS581c	2088	Rotating Hook Shaft Gear Set Screw for 97808	...	...	...
SS582e	2308	Rotating Hook Bobbin Case Position Bracket Screw	...	...	...
597c	2308	Driving Attachment Shaft Pulley Clamping Screw for 84275	...	...	...
SS608d	2309	Arm Shaft (horizontal) Screw for 103048	...		
SS609c	2309	Machine Driving Friction Clamp Screw for 103022	...	...	...
SS610c	2309	Machine Stop Cam Position Screw for 103044			
641c	2308	Lifting Presser Bar Lifting Collar Clamping Screw for 98455	...	...	...
646d	2307	Tension Releasing Lever Hinge Screw for 133K12 and 133K17 Machines	...		
647e	2308	Lifting Presser Bar Crank (back) Clamping Screw for 98448	...	...	...
662d	2307	Rotating Hook Bobbin Case Tension Spring Screw for 103005, 103106, 103118 and 103121	...	...	...
690c	2307	Thread Take-up Crank Cotter Pin Screw	...		
694d	2307	Foot Lifter Lifting Lever Hinge Screw for 103081	...	...	...
694d	2307	Tension Releasing Crank Lever Hinge Screw for 133K12 Machine	...	...	...
703d	2308	Arm Side Cover Thumb Screw for 133K13 to 133K15 and 133K18 Machines	...		
763f	2309	Rotating Hook Bobbin Case Tension Spring Adjusting Screw for 103005, 103106, 103118 and 103121	...	...	...
792e	2307	Rotating Hook Bobbin Case Retainer Position Spring Screw	...	...	...
793d	2307	Guide Thumb Screw for 133K17 Machine	...		

No.	Plate	
838f	2308	Throat Plate Screw for 133K12 to 133K15 and 133K18 Machines ... ..
889c	2307	Bobbin Winder Tension Screw Stud Set Screw for 97776 and 98580 ... ..
889c	2307	Bobbin Winder Tension Thread Guard Set Screw for 97776 and 98580 ... ..
889c	2307	Lifting Presser Bar Bushing (upper) Set Screw for 133K13 to 133K15 and 133K18 Machines ... ..
889c	2307	Lifting Presser Bar Bushing (lower) Set Screw for 133K13 to 133K15 and 133K18 Machines ... ..
889c	2307	Needle Bar Bushing (lower) Set Screw ... ..
889c	2307	Needle Bar Bushing (upper) Set Screw ... ..
889c	2307	Rotating Hook Bobbin Case Retainer Hinge Stud Set Screw ... ..
894d	2307	Bobbin Winder Base Screw for 97944, 97945 and 97947 ... ..
898d	2307	Vibrating Presser Foot Screw for 133K17 Machine ... ..
971c	2308	Feed Dog Carrier Position Screw for 133K17 Machine ... ..
1019c	2308	Rotating Hook Cover Plate Hinge Pin Set Screw for 98524 ... ..
*1110e	2308	Thread Retaining Screw Stud for 20972 ... ..
1115d	2322	Foot Lifter Lifting Lever Spring Screw for 103081 ... ..
1143c	2308	Thread Guard Set Screw ... ..
1149c	2308	Thread Unwinder Spool Rest Set Screw for 98490 ... ..
1177c	2308	Feed Dog Carrier Lifting Crank Clamping Screw for 98406 ... ..
1186c	2308	Lifting Presser Bar Guide Bracket Clamping Screw for 97655, 97736 and 98454 ... ..
1186c	2308	Oiler Bracket Screw for 103097 ... ..
1186e	2308	Feed Lifting Rock Shaft Connecting Rod Cap Screw for 98412 ... ..
1186e	2308	Feed Rock Shaft Connecting Rod Cap Screw for 98417 ... ..
1226d	2308	Arm Side Cap Screw for 133K12 Machine ... ..
1258c	2307	Rotating Hook Shaft Collar Set Screw for 97824 ... ..
1396c	2308	Feed Dog Carrier Hinge Stud Clamping Screw for 98513 ... ..
1401c	2309	Machine Stop Cam Position Screw Check Screw for 103044 ... ..
1401c	2309	Machine Stop Cam Set Screw for 103044 ... ..



No.	Plate	
1443f	2308	Rotating Hook Bobbin Case Ring Spring Screw for 103005, 103106, 103118 and 103121 ... ..
1480c	2307	Lifting Presser Bar Bell Crank Cap Screw for 133K17 Machine ... ..
1480c	2307	Lifting Presser Bar Bell Crank Connecting Link Cap Screw for 133K17 Machine ...
1480c	2307	Vibrating Presser Bar Cap Screw for 97739
1517c	2306	Driving Attachment Lever Adjusting Screw Nut for 98511 ... ..
1518c	2306	Presser Bar Lifter Screw Nut for 133K17 Machine ... ..
1518c	2306	Tension Releasing Crank Lever Link Guide Screw Nut for 133K12 Machine ...
1521e	2306	Feed Eccentric Friction Spring Washer Screw Nut for 133K17 Machine ...
1521e	2306	Feed Eccentric Fulcrum Screw Nut for 133K17 Machine ... ..
1521e	2306	Foot Lifter Lifting Lever Connecting Rod Lock Nut for 103081 ... ..
1547c	2306	Lifting Presser Foot Screw Nut ... ..
1547e	2306	Vibrating Presser Foot Screw Nut for 133K17 Machine ... ..
1560d	2306	Tension Regulating Thumb Nut for 97800 ...
1560d	2306	Thread Retaining Screw Stud Regulating Thumb Nut for 20972 ... ..
1560d	2306	Bobbin Winder Tension Screw Stud Thumb Nut for 97776 and 98580 ... ..
1608c	2306	Feed Lifting Rock Shaft Connecting Rod Hinge Screw Nut for 133K17 Machine ...
1608c	2306	Feed Rock Shaft Connecting Rod Hinge Screw Nut for 133K17 Machine ...
1608c	2306	Lifting Presser Bar Bell Crank Driving Arm Eccentric Connection Hinge Screw Nut for 133K17 Machine ... ..
1620c	2306	Feed Dog Carrier Link Hinge Screw Nut for 133K17 Machine ... ..
1698c	2307	Lifting Presser Bar Guide Bracket Gib Adjusting Screw Nut for 133K17 Machine
2022	2302	Needle Bar Crank Eccentric Position Pin for 97778 ... ..
2102	2304	Bobbin Winder Tension Disc for 97776, 98580 and 225462 ... ..
2103	2306	Thread Retaining Spring for 97757 ...
2103	2306	Bobbin Winder Tension Spring for 97776 and 98580 ... ..



No.	Plate	
2117	2302	Lifting Presser Bar Bell Crank Driving Arm Pin for 97734 ... ..
2269	2402	Bobbin Winder Stop Latch Pin for 97944, 97945 and 97947 ... ..
2362	2402	Bobbin Winder Bobbin Position Pin for 97942 and 97943 ... ..
4879	2303	Foot Lifter Foot Lever Chain Connecting Link for 4885 ... ..
4881	1973	Foot Lifter Foot Lever for 4885 ... ..
4882	2087	Foot Lifter Foot Lever Hinge Pin for 4885 ... ..
4883	2087	Foot Lifter Foot Lever Hinge Pin Spring for 4885 ... ..
4884	1973	Foot Lifter Foot Lever Floor Bracket for 4885
4885	1973	Foot Lifter Foot Lever 4881, with 4879, 4882 to 4884 and two wood screws 1" No. 16, for 97786 ... ..
6055	2306	Machine Bolt Washer ... (Accessories)
7958	2302	Driving Attachment Lever Spring Hook for 133K14 Machine ... ..
8582	2304	Arm Dowel Pin for 133K13 to 133K15, 133K17 and 133K18 Machines ... ..
11422	2306	Tension Spring for 97800 ... ..
12329	2304	Tension Releasing Lever Spring for 133K12 and 133K17 Machines ... ..
12416	2303	Foot Lifter Lifting Lever Connecting Rod Joint for 103081 ... ..
13710	2315	Bobbin Winder Tension Spring for 225462 ... ..
15405	—	Bobbin Winder Friction Pulley Ring Rivet for 43270 ... ..
19044	2477	Arm Side Cover Oil Reservoir Cover Hinge Screw Spring Washer for 98590 ... ..
20972	—	Thread Retaining Screw Stud 1110e with 1560d, for 97757 ... ..
27623	1855	Thread Unwinder Spool Pin for 98490 ... ..
39569	—	Driving Attachment Starting Lever Chain, 45" long, with 39575 and 39576, for 98512
39569	—	Machine Starting Lever Pitman Rod Treadle Chain, 45" long, with 39575 and 39576, for 133K12 Machine ... ..
39575	2081	Driving Attachment Starting Lever Chain Hook (centre) for 39569 ... ..
39575	2081	Foot Lifter Foot Lever Chain Hook (centre) for 97785 ... ..
39575	2081	Machine Starting Lever Pitman Rod Treadle Chain Hook (lower) for 39569 ... ..

No.	Plate	
39576	2081	Driving Attachment Starting Lever Chain Hook (upper) for 39569 ... ..
39576	2081	Foot Lifter Foot Lever Chain Hook (upper) for 97785 ... ..
39576	2081	Machine Starting Lever Pitman Rod Treadle Chain Hook (upper) for 39569... ..
41441	2402	Bobbin Winder Frame Hinge Pin for 97944, 97945 and 97947 ... ..
41446	2402	Bobbin Winder Stop Latch Hinge Pin for 97944, 97945 and 97947 ... ..
†41894	2401	Bobbin Winder Base, with 449c, for 97944 and 97945 ... ..
†41896	2402	Bobbin Winder Frame for 97944, 97945 and 97947 ... ..
41897	2402	Bobbin Winder Frame Spring for 97944, 97945 and 97947 ... ..
41899	2402	Bobbin Winder Tripping Arm, with 176d, for 97944, 97945 and 97947 ... ..
43270	2401	Bobbin Winder Friction Pulley, with 43271, two 448c and ten 15405, for 97944, 97945 and 97947 ... ..
43271	2401	Bobbin Winder Friction Pulley Ring (leather) for 43270 ... ..
46224	2302	Feed Dog Carrier Hinge Stud Oiler for 133K17 Machine ... ..
46224	2302	Lifting Presser Bar Bushing (upper) Oiler for 133K13 to 133K15 and 133K18 Machines
46224	2302	Needle Bar Bushing (upper) Ciler for 133K13 to 133K15, 133K17 and 133K18 Machines
50042c	2308	Feed Dog Carrier Link Hinge Screw for 133K17 Machine ... ..
50057c	2308	Driving Attachment Lever Spring Plate Hinge Screw for 98511 ... ..
50073d	2308	Bobbin Winder Tension Bracket Screw for 97944, 97945 and 97947 ... ..
50073d	2308	Lifting Presser Bar Yoke Socket Nut Clamping Screw for NN104e ... ..
50083c	2308	Arm Shaft (horizontal) Gear Set Screw for 97807 ... ..
50083c	2303	Feed Eccentric Adjusting Flange Coupling Screw for 97620 ... ..
50084c	2308	Arm Shaft (horizontal) Flanged Bushing (front) Set Screw ... ..
50123f	2308	Throat Plate Screw for 93476 ... ..
50220e	2309	Arm Screw for 133K15 and 133K17 Machines

† For Two-Tone Machines the finish of these parts is Grey Metallic (Colour Code No. 728).

No.	Plate	
50222c	2309	Arm Side Cover Oil Reservoir Cover Hinge Screw for 98590 ... ..
50224c	2308	Driving Attachment Lever Adjusting Screw for 98511 ... ..
50234d	2308	Arm Shaft (horizontal) Gear Case Plug Screw for 97609 ... ..
50234d	2308	Rotating Hook Shaft Gear Case Plug Screw for 97680 ... ..
50307d	2307	Lifting Presser Bar Bell Crank Driving Arm Shaft Bracket Screw for 133K17 Machine
50383e	2309	Rotating Hook Ring Screw for 103001, 103019 and 103101 ... ..
50443d	2308	Lifting Presser Bar Yoke Screw for 98545 ...
50512d	2308	Work Plate Bracket Screw for 98436 and 98488 ... ..
50632e	2309	Machine Incline Lever Screw for 103048 ...
51002e	2309	Machine Driving Friction Position Plate Screw for 103022 ... ..
51077e	2308	Machine Bolt with 1524e, 3" x 1/4" (Accessories)
51224d	2307	Arm Side Cover Thumb Screw for 133K12 and 133K17 Machines ... ..
51232e	2309	Arm Screw for 133K12 Machine ... ..
52045	2081	Arm Oil Tube Packing (felt) for 56003 ...
52198	2471	Arm Shaft (horizontal) Flanged Bushing (back) Oil Pad (outside, felt) for 97923 and 103092 ... ..
52198	2471	Arm Shaft (horizontal) Flanged Bushing (front) Oil Pad (outside, felt) for 97925 ...
56003	2302	Arm Oil Tube, with 52045, for 98536, 98584, 103023, 103052 and 103077 ... ..
56864	2081	Foot Lifter Foot Lever Chain Hook (lower) for 97785 ... ..
80218	2305	Machine Starting Lever Pitman Rod Treadle Floor Bracket for 84937 ... ..
80219	2298	Machine Starting Lever Pitman Rod Treadle Bearing Pin for 84937 ... ..
82403	2302	Arm Spool Pin ... ..
82429	2295	Presser Bar Lifter for 133K17 Machine ...
82446	2306	Tension Washer (felt) for 97800 ... ..
82525	1970	Thread Take-up Spring for 97800 ... ..
84275	—	Driving Attachment Shaft Pulley (sectional, grooved) 10" diam., with two 597c, for 133K14 Machine ... ..
84935	2305	Machine Starting Lever Pitman Rod Treadle with 356c, for 84937 ... ..
84936	2305	Machine Starting Lever Pitman Rod Treadle Extension Rod for 84937 ... ..

No.	Plate	
84937	—	Machine Starting Lever Pitman Rod Treadle complete, Nos. 80218, 80219, 84935, 84936 and four wood screws 1" No. 16, for 133K12 Machine ... ..
85527	2288	Guide for 133K17 Machine ... ..
86611	1600	Screw Driver (large) ... (Accessories)
87572	2306	Machine Incline Lever Screw Washer for 103048 ... ..
89298	2297	Lifting Presser Bar Spring for 133K12 Machine ... ..
89363	2306	Thread Retaining Disc for 97757 ... ..
91296	2020	Driving Attachment Starting Lever for 91299
91297	2020	Driving Attachment Starting Lever Bracket for 91299 ... ..
91298	2302	Driving Attachment Starting Lever Bracket Hinge Pin for 91299 ... ..
91299	2020	Driving Attachment Starting Lever, 91296 with 91297, 91298 and three wood screws 1½" No. 15, for 98512 ... ..
91305	2287	Driving Attachment Starting Lever Chain Hook (lower) for 98512 ... ..
92646	—	Feed Dog Carrier Link Lever Pin for 103065
93012	2322	Machine Bolt Washer (small) (Accessories)
95024	2081	Thread Retainer Thread Eyelet ... ..
97605	2302	Arm Shaft (horizontal) Flanged Bushing (back) Drain Tube for 133K13 to 133K15, 133K17 and 133K18 Machines ... ..
97609	2288	Arm Shaft (horizontal) Gear Case (two pieces), with 121e and 50234d ... ..
97610	2295	Arm Shaft (upright) for 133K13 to 133K15, 133K17 and 133K18 Machines ... ..
97611	1970	Arm Shaft (upright) Bushing (lower) for 133K13 to 133K15, 133K17 and 133K18 Machines ... ..
97612	1970	Arm Shaft (upright) Bushing (upper) ... ..
97614	2726	Arm Side Cap for 133K12 Machine ... ..
†97615	2726	Arm Side Cover for 133K17 Machine ... ..
†97616	2726	Arm Spool Pin Bushing ... ..
97622	1970	Face Plate Thread Guard for 133K12 and 133K17 Machines ... ..
97628	2726	Feed Eccentric Adjusting Flange for 133K17 Machine ... ..
97629	2295	Feed Eccentric Adjusting Flange Coupling, with five 50083c, for 133K17 Machine ... ..

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No.	Plate	
97644	2295	Needle Bar (hollow) for 133K17 Machine ...
97645	1970	Lifting Presser Bar Bushing (lower) for 133K13 to 133K15 and 133K18 Machines
97645	1970	Needle Bar Bushing (lower) ... ..
97646	2295	Needle Bar Bushing (upper) for 133K13 to 133K15, 133K17 and 133K18 Machines
97648	2303	Needle Bar Connecting Link ... ..
97649	1970	Needle Bar Connecting Link Stud, with two SS512c ... ..
97650	2322	Needle Bar Connecting Link Stud Slide Block
97651	2295	Needle Bar Crank, with SS320c and SS370c for 133K12 to 133K15 and 133K18 Machines ... ..
97652	—	Needle Clamp 97794, with 156f, 217f and 97653, for 133K12, 133K15 and 133K17 Machines ... ..
97653	1970	Needle Clamp Thread Guide for 97652 ...
97654	2295	Lifting Presser Bar for 133K17 Machine ...
97655	2303	Lifting Presser Bar Guide Bracket, with two 1186c, for 133K12 Machine ... ..
97676	2295	Rotating Hook Shaft for 133K12 Machine ...
97678	2304	Rotating Hook Shaft Bushing (back) Oil Pad
97680	2295	Rotating Hook Shaft Gear Case (two pieces), with 121e and 50234d ... ..
97683	2306	Tension Releasing Disc for 97800 ... ..
97684	2303	Tension Releasing Lever for 133K12 and 133K17 Machines ... ..
97687	1970	Thread Take-up Crank ... ..
97688	2304	Thread Take-up Crank Cotter Pin ...
97689	2304	Thread Take-up Lever for 97694 ... ..
97690	2304	Face Plate Thread Eyelet for 133K13 to 133K15 and 133K18 Machines ... ..
97690	2304	Slack Thread Regulator Bushing for 97805
97690	2304	Thread Take-up Lever Bushing for 97694 ...
97691	2304	Thread Take-up Lever Hinge Pin for 97694
97692	2304	Thread Take-up Lever Link for 97694 ...
97693	2302	Thread Take-up Lever Link Hinge Pin for 97694 ... ..
97694	—	Thread Take-up Lever, complete, Nos. 457e, SS515d and 97689 to 97693 ... ..
97696	1970	Thread Take-up Spring Adjusting Sleeve for 97800 ... ..
97698	2727	Thread Take-up Spring Regulator for 97800
97706	2072	Presser Bar Spring for 133K17 Machine ...
97711	2726	Feed Eccentric for 133K17 Machine ...
97713	2727	Feed Lifting Eccentric, with two 446c, for 133K17 Machine ... ..



No.	Plate	
*97716	—	Feed Lifting Rock Shaft Connecting Rod Cap for 98412 ... ..
*97716	—	Feed Rock Shaft Connecting Rod Cap for 98417 ... ..
97723	2288	Foot Lifter Lifting Lever Pin for 103087 ...
†97726	2072	Face Plate for 133K17 Machine ...
97727	2072	Needle Bar Crank for 97778 ...
97729	2073	Lifting Presser Bar Bell Crank for 133K17 Machine ... ..
97730	2073	Lifting Presser Bar Bell Crank Connecting Link for 133K17 Machine ...
97731	2073	Lifting Presser Bar Bell Crank Driving Arm with 453c, for 97734 ... ..
97732	2072	Lifting Presser Bar Bell Crank Driving Arm Shaft for 97734 ... ..
97733	2072	Lifting Presser Bar Bell Crank Driving Arm Shaft Bracket for 97734 ... ..
97734	—	Lifting Presser Bar Bell Crank Driving Arm Shaft Bracket, complete, Nos. 2117 and 97731 to 97733 for 133K17 Machine ...
97735	2072	Lifting Presser Bar Bell Crank Driving Arm Eccentric Connection for 133K17 Machine
97736	2073	Lifting Presser Bar Guide Bracket, with two 1186c, for 133K17 Machine ... ..
97737	2073	Lifting Presser Bar Guide Bracket Support for 133K17 Machine ... ..
97738	2322	Lifting Presser Foot for 133K17 Machine ...
97739	2072	Vibrating Presser Bar for 133K17 Machine ...
97742	2073	Vibrating Presser Bar Spring for 133K17 Machine ... ..
97743	2322	Vibrating Presser Foot for 133K17 Machine
†97748	2402	Bobbin Winder Stop Latch for 97944, 97945 and 97947 ... ..
†97749	2401	Bobbin Winder Support Bracket for 97944 ...
97750	2402	Bobbin Winder Tripping Arm Spring for 97944, 97945 and 97947 ... ..
97756	—	Thread Guard (side of arm) for 133K17 Machine ... ..
97757	—	Thread Retainer, complete, Nos. 2103, 20972 and two 89363... ..
97762	2073	Lifting Presser Bar Guide Bracket Gib for 133K17 Machine ... ..
97763	2073	Presser Bar Lifting and Releasing Lever Bracket for 133K17 Machine ... ..

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No.	Plate	
97767	2297	Tension Releasing Crank Lever Spring for 133K12 Machine ... ..
97768	2073	Foot Lifter Lifting Lever Link for 103081 ...
97769	2295	Thread Lubricating Cup for 97770 ...
97770	—	Thread Lubricating Cup 97769, with 160c, 97772 and 250519 ... ..
97771	2303	Feed Regulating Lever Spring for 133K17 Machine ... ..
97772	1868	Thread Lubricating Cup Thread Guide for 97770 ... ..
†97774	2401	Bobbin Winder Tension Bracket for 97776 ...
97776	—	Bobbin Winder Tension, complete, Nos. SS521c, 1560d, 2103, 97774, 97826, two each 889c and 2102, for 97944 and 97945
97777	2073	Needle Bar Crank Eccentric for 97778 ...
97778	—	Needle Bar Crank 97727, with SS320c, SS370c, 2022 and 97777, for 133K17 Machine ... ..
97785	—	Foot Lifter Foot Lever Chain (34" long), with 39575, 39576 and 56864, for 97786 ...
97786	—	Foot Lifter Foot Lever, complete, Nos. 4885 and 97785 for 103081 ... ..
97791	1973	Machine Pulley, 5½" (9" diam.), with two 434c, for foot power for 133K13, 133K15, 133K17 and 133K18 Machines ...
97792	2401	Bobbin Winder Support Bracket for 97945 ...
97794	1970	Needle Clamp for 97652 ... ..
97795	2306	Tension Disc (inner) for 97800 ... ..
97796	2306	Tension Disc (outer) for 97800 ... ..
97797	2306	Tension Washer (fibre) for 97800 ... ..
97798	2303	Thread Take-up Spring Lever for 97800 ...
97799	2302	Tension Releasing Pin for 133K12 and 133K17 Machines ... ..
97800	—	Tension (rotating) and Thread Take-up Spring, complete, Nos. SS536d, 1560d, 11422, 82446, 82525, 97683, 97696, 97698 and 97795 to 97798 ... ..
97802	2073	Vibrating Presser Bar Cap for 133K17 Machine ... ..
97803	2073	Vibrating Presser Bar Cushion for 133K17 Machine ... ..
97804	2322	Slack Thread Regulator for 97805 ...
97805	2322	Slack Thread Regulator 97804, with SS515d and 97690, for 133K17 Machine ...

† For Two-Tone Machines the finish of these parts  
is Grey Metallic (Colour Code No. 728).

No.	Plate	
97806	2020	Arm Shaft (horizontal) for 133K13, 133K14 and 133K18 Machines ... ..
97807	2727	Arm Shaft (horizontal) Gear, with three 50083c ... ..
97808	2727	Arm Shaft (upright) Gear (lower), with SS580f and two SS581c ... ..
97808	2727	Rotating Hook Shaft Gear, with SS580f and two SS581c ... ..
97809	2727	Arm Shaft (upright) Gear (upper), with SS580f and two SS581c ... ..
97824	2727	Rotating Hook Shaft Collar, with two 1258c
97826	2081	Bobbin Winder Tension Thread Guard for 97776 and 98580 ... ..
97829	2073	Arm Shaft (horizontal) Bushing (intermediate) Oiler for 103023 and 103077 ... ..
97829	2073	Arm Shaft (horizontal) Flanged Bushing (back) Oiler for 98536, 98584, 103023, 103052 and 103077 ... ..
97829	2073	Arm Shaft (horizontal) Flanged Bushing (front) Oiler for 98536, 98584, 103023, 103052 and 103077 ... ..
97829	2073	Arm Shaft (upright) Bushing (lower) Oiler for 98536, 98584, 103023 and 103052 ... ..
97829	2073	Arm Shaft (upright) Bushing (upper) Oiler for 98536, 98584, 103023 and 103052 ... ..
97829	2073	Rotating Hook Shaft Bushing (back) Oiler for 98536, 98584, 103023 and 103052 ... ..
97829	2073	Rotating Hook Shaft Bushing (front) Oiler for 98440 and 103028 ... ..
97830	2073	Lifting Presser Bar Shaft Bushing (back) Oiler for 98584, 103023 and 103052 ... ..
97830	2073	Lifting Presser Bar Shaft Bushing (front) Oiler for 98584, 103023 and 103052 ... ..
97835	—	Machine Pulley (two speed), with two 434c, for foot power, for 133K17 Machine ... ..
97921	2435	Bobbin Winder Stop Latch for 97948 and 97953 ... ..
97923	2471	Arm Shaft (horizontal) Flanged Bushing (back) 97950 with 52198 and 97924 for 133K13 to 133K15, 133K17 and 133K18 Machines ... ..
97924	—	Arm Shaft (horizontal) Flanged Bushing (back) Oil Pad (inside, braided cotton) for 97923 and 103092 ... ..
97925	2471	Arm Shaft (horizontal) Flanged Bushing (front) 97951 with 52198 and 97926 ... ..

No.	Plate	
97926	—	Arm Shaft (horizontal) Flanged Bushing (front) Oil Pad (inside, braided cotton) for 97925 ... ..
97942	2402	Bobbin Winder Spindle with 2362, for 97944, 97945 and 97947 ... ..
97943	2402	Bobbin Winder Spindle with 2362 for 97948 and 97953 ... ..
97944	2401	Bobbin Winder (swinging automatic, left hand), complete, Nos. 346e, 2269, 41441, 41446, 41894, 41896, 41897, 41899, 43270, 97748 to 97750, 97776, 97942, 125044, two 50073d and three 894d, for 133K13 to 133K15, 133K17 and 133K18 Machines...
97945	—	Bobbin Winder (swinging automatic, left hand), complete, Nos. 346e, 2269, 41441, 41446, 41894, 41896, 41897, 41899, 43270, 97748, 97750, 97776, 97792, 97942, 125044, two 50073d and three 894d, for 133K13, 133K15, 133K17 and 133K18 Machines, when fitted with Machine Pulley No. 97791, for Foot Power ... ..
97947	—	Bobbin Winder (swinging automatic, left hand), complete, Nos. 346e, 2269, 41441, 41446, 41896, 41897, 41899, 43270, 97748, 97750, 97942, 98580, 103049, 103050, 125044, two 50073d and three 894d, for 133K12 Machine ... ..
97948	2434	Bobbin Winder (Universal) complete, Nos. 97921, 97943, 200056e, 200082d, 200299h, 202473, 202478, 225433, 225453 to 225456, 225458, 225462, 228026, two each 225459 and wood screws $\frac{3}{4}$ " No. 12 R.H.B. ...

*Supplied only when specified on order.*

97949	2402	Rotating Hook Bobbin for 103006, 103107, 103119 and 103122 ... ..
97950	2471	Arm Shaft (horizontal) Flanged Bushing (back) for 97923 ... ..
97951	2471	Arm Shaft (horizontal) Flanged Bushing (front) for 97925 ... ..
97953	—	Bobbin Winder (Universal) complete, Nos. 97921, 97943, 104196, 200056e, 200082d, 200299h, 202478, 225433, 225453 to 225456, 225458, 225462, 228026, two each 225459 and wood screws $\frac{3}{4}$ " No. 12 R.H.B., for 'V' Belt Drive ... ..



No.	Plate	
98402	2303	Feed Dog for 133K17 Machine ... ..
98404	2302	Feed Dog Carrier Hinge Stud for 133K17 Machine ... ..
98405	2303	Feed Dog Carrier Link for 133K17 Machine
98406	1976	Feed Dog Carrier Lifting Crank, with two 1177c, for 133K17 Machine ... ..
98407	2087	Feed Eccentric Adjusting Disc for 133K17 Machine ... ..
98409	1976	Feed Lifting Rock Shaft Bushing (front) for 133K17 Machine ... ..
98410	1976	Feed Lifting Rock Shaft Bushing (back) for 133K17 Machine ... ..
98411	1976	Feed Lifting Rock Shaft Crank for 133K17 Machine ... ..
98412	2296	Feed Lifting Rock Shaft Connecting Rod, with 97716 and two 1186e, for 133K17 Machine ... ..
98414	1976	Feed Rock Shaft Bushing (front) for 133K17 Machine ... ..
98415	1976	Feed Rock Shaft Bushing (back) for 133K17 Machine ... ..
98416	1976	Feed Rock Shaft Crank, with SS523c, for 133K17 Machine ... ..
98417	2296	Feed Rock Shaft Connecting Rod, with 97716 and two 1186e, for 133K17 Machine ...
98419	2303	Rotating Hook Bobbin Case Retainer ...
98420	1970	Rotating Hook Bobbin Case Retainer Bracket
98422	1970	Rotating Hook Bobbin Case Retainer Hinge Stud ... ..
98423	2303	Rotating Hook Bobbin Case Retainer Spring, with 98468 ... ..
†98425	2300	Rotating Hook Cover Plate Bracket for 98524
98426	1868	Rotating Hook Cover Plate Hinge Pin for 98524 ... ..
98427	2303	Rotating Hook Cover Plate Spring for 98524
98428	1970	Rotating Hook Shaft Bushing (back) ...
98429	1970	Rotating Hook Shaft Bushing (front) for 133K12 to 133K15 and 133K17 Machines
98430	2300	Throat Plate for 98476 ... ..
98431	2300	Throat Plate Body for 98476 ... ..
98434	—	Work Plate for 98436 ... ..
†98435	2288	Work Plate Bracket for 98436 ... ..
98436	—	Work Plate, complete, Nos. 98434, 98435 and two 50512d, for 133K12 to 133K15 and 133K18 Machines ... ..

† For Two-Tone Machines the finish of these parts  
is Grey Metallic (Colour Code No. 728).



No.	Plate	
†*98440	—	Bed with 97829, for 133K12 Machine ...

*NOTE.—Due to the accuracy required for gear alignment, Bed cannot be supplied separately and can only be sent out as a unit, Arm and Bed assembled.*

98443	2296	Lifting Presser Bar (hollow) for 133K13 to 133K15 and 133K18 Machines ...
98444	1868	Lifting Presser Bar Bell Crank, with two 191c for 103031 and 103084 ...
98445	1868	Lifting Presser Bar Bell Crank Connection for 103031 and 103084 ...
98446	2302	Lifting Presser Bar Bell Crank Connection Hinge Stud for 103031 and 103084 ...
98446	2302	Lifting Presser Bar Eccentric Connection Hinge Stud for 103031 and 103084 ...
98447	2302	Lifting Presser Bar Bell Crank Hinge Stud for 133K13 to 133K15 and 133K18 Machines ...
98448	1868	Lifting Presser Bar Crank (back), with 191c and two 647c, for 103031 and 103084 ...
98449	1868	Lifting Presser Bar Crank (front) for 133K13 to 133K15 and 133K18 Machines ...
98450	1868	Lifting Presser Bar Crank (front) Pin for 133K13 to 133K15 and 133K18 Machines ...
98451	1868	Lifting Presser Bar Eccentric, with two 448c, for 133K13 to 133K15 and 133K18 Machines ...
98454	1868	Lifting Presser Bar Guide Bracket, with two 1186c, for 133K13 to 133K15 and 133K18 Machines ...
98455	1868	Lifting Presser Bar Lifting Collar, with 641c, for 133K13 to 133K15 and 133K18 Machines ...
98458	2288	Lifting Presser Bar Spring for 133K13 to 133K15 and 133K18 Machines ...
98459	2302	Lifting Presser Bar Spring Sleeve for 133K13 to 133K15 and 133K18 Machines ...
98460	1868	Lifting Presser Foot for 133K13 to 133K15 and 133K18 Machines ...
98464	2300	Throat Plate for 133K13 to 133K15 and 133K18 Machines ...
*98468	—	Rotating Hook Bobbin Case Retainer Spring Pad for 98423 ...
98469	2302	Lifting Presser Bar Bushing (upper) for 133K13 to 133K15 and 133K18 Machines ...

† For Two-Tone Machines the finish of these parts is Grey Metallic (Colour Code No. 728).

No.	Plate	
98470	2296	Foot Lifter Lifting Lever Connecting Rod for 103081 ... ..
98473	1868	Rotating Hook Shaft Bushing (front) Oil Pad for 133K12, 133K15 and 133K17 Machines
98476	2300	Throat Plate Body, complete, Nos. 98430, 98431 and two 50123f for 133K17 Machine
98484	2081	Face Plate Thread Guard Thread Retainer for 133K12 and 133K17 Machines ...
98485	2296	Needle Bar (hollow) for 133K15 Machine ...
98486	1973	Work Plate for 98488 ... ..
†98487	2087	Work Plate Bracket for 98488 ... ..
98488	—	Work Plate, complete, Nos. 98486, 98487 and two 50512d, for 133K17 Machine ...

*NOTE.—No. 98488 is only supplied when specified on order and at an extra charge.*

98489	—	Thread Unwinder Spool Rest for 98490 ...
98490	1855	Thread Unwinder Spool Rest 98489, with 1149c and two 27623, for 98492 ...
98491	1855	Thread Unwinder Thread Guide, with 208e, for 98492 ... ..
98492	1855	Thread Unwinder (for two spools of thread), complete, Nos. 98490, 98491, 202490, 225388 and three wood screws $\frac{7}{8}$ " No. 13
98498	2020	Machine Pulley, with 434c and SS432c, for 98500 ... ..
98499	2020	Machine Pulley Loose Pulley for 98500 ...
98500	—	Machine Pulley, complete, Nos. 98498 and 98499 for 133K14 Machine ... ..
98501	2288	Machine Pulley End Screw Washer for 133K14 Machine ... ..
98502	2020	Driving Attachment Lever for 98511 ...
98503	2287	Driving Attachment Lever Belt Shifter with 363c, for 98511 ... ..
98504	2287	Driving Attachment Lever Belt Shifter Rod for 98511 ... ..
98505	2287	Driving Attachment Lever Belt Shifter Carrier, with 363c, for 98511 ... ..
98506	2287	Driving Attachment Lever Bracket for 98511
98507	2287	Driving Attachment Lever Friction Pad (leather) for 98511 ... ..
98508	2287	Driving Attachment Lever Spindle for 98511
98509	2287	Driving Attachment Lever Spring for 98511
98510	2287	Driving Attachment Lever Spring Plate for 98511 ... ..

† For Two-Tone Machines the finish of these parts is Grey Metallic (Colour Code No. 728).

No.	Plate	
98511	—	Driving Attachment Lever, complete, Nos. 448c, SS546c, SS547c, 1517c, 50057c, 50224c, 98502 to 98510 and two 190d for 133K14 Machine ... ..
98512	—	Driving Attachment Starting Lever, complete, Nos. 39569, 91299 and 91305 for 133K14 Machine ... ..
98513	2300	Feed Dog Carrier, with 1396c, for 133K17 Machine ... ..
†98519	2287	Face Plate for 133K13 to 133K15 and 133K18 Machines ... ..
98520	2302	Face Plate Thread Eyelet Retainer for 133K13 to 133K15 and 133K18 Machines
†98523	2300	Rotating Hook Cover Plate for 98524 ...
98524	—	Rotating Hook Cover Plate, complete, Nos. 1019c, 98425 to 98427, 98523 and two 176d ... ..
*98531	—	Lifting Presser Bar Eccentric Connection Cap for 103029 and 103054 ... ..
98532	2302	Lifting Presser Bar Eccentric Connection Cap Oil Pad (felt) for 103029 and 103054
98533	2303	Lifting Presser Bar Eccentric Connection Cap Oil Pad Retainer for 103029 and 103054
†*98536	—	Arm, with 56003, and five 97829, for 133K12 Machine ... ..

*NOTE.—Due to the accuracy required for gear alignment, Arm cannot be supplied separately and can only be sent out as a unit, Arm and Bed assembled.*

98537	2302	Arm Dowel Pin for 133K12 Machine ...
98538	2297	Arm Packing Plate for 133K12 Machine ...
98539	2296	Arm Shaft (horizontal) for 133K12 Machine
98540	2297	Arm Shaft (upright) for 133K12 Machine ...
98541	2302	Arm Shaft (upright) Bushing (lower) for 133K12 Machine ... ..
†98542	2288	Arm Side Cover for 133K12 Machine ...
†98543	2288	Face Plate for 133K12 Machine ... ..
98544	2297	Lifting Presser Bar for 133K12 Machine ...
98545	2101	Lifting Presser Bar Yoke, with two 50443d for 133K12 Machine ... ..
98546	2302	Lifting Presser Bar Yoke Socket for 133K12 Machine ... ..
98547	2101	Lifting Presser Foot for 133K12 and 133K15 Machines ... ..
98548	2297	Needle Bar for 133K12 Machine ... ..

† For Two-Tone Machines the finish of these parts is Grey Metallic (Colour Code No. 728).

No.	Plate	
98549	2302	Needle Bar Bushing (upper) for 133K12 Machine ... ..
98571	2101	Tension Releasing Crank, with RR40, 98572, and two 158e, for 133K12 Machine ...
98572	—	Tension Releasing Crank Cap for 98571 ...
98573	2101	Tension Releasing Crank Lever Extension, with 141e, for 133K12 Machine ...
98574	2287	Tension Releasing Crank Lever, with 448c, for 133K12 Machine ... ..
98575	2101	Tension Releasing Crank Lever Link for 133K12 Machine ... ..
98576	2302	Tension Releasing Crank Lever Pin for 133K12 Machine ... ..
98577	2300	Throat Plate for 133K12 and 133K15 Machines ... ..
98579	2101	Bobbin Winder Tension Bracket for 98580 ..
98580	—	Bobbin Winder Tension, complete, Nos. SS521c, 1560d, 2103, 97826, 98579, two each 889c and 2102, for 97947 ...
98583	2724	Lifting Presser Bar Cushion Spring for 133K12 Machine ... ..
†*98584	—	Arm, with 56003, two 97830 and five 97829 for 133K13 and 133K18 Machines ...

NOTE.—Due to the accuracy required for gear alignment, Arm cannot be supplied separately and can only be sent out as a unit, Arm and Bed assembled.

†98585	2725	Arm Side Cover for 133K13, 133K14 and 133K18 Machines ... ..
†98586	2725	Arm Side Cover Oil Reservoir for 98590 ...
98588	2724	Arm Side Cover Oil Reservoir Holder (wire) for 98590 ... ..
98589	—	Arm Side Cover Oil Reservoir Wick for 98590
98590	—	Arm Side Cover Oil Reservoir, complete, Nos. 19044, 50222c, 98586, 98588, 98589 and 103083, for 133K13 and 133K14 Machines
†*98591	—	Bed for 133K13 and 133K18 Machines ...

NOTE.—Due to the accuracy required for gear alignment, Bed cannot be supplied separately and can only be sent out as a unit, Arm and Bed assembled.

98592	2477	Oil Reservoir Oil Pipe Cover for 133K13 and 133K14 Machines ... ..
98593	2586	Lifting Presser Bar Shaft Bushing (back) for 133K15 Machine ... ..

† For Two-Tone Machines the finish of these parts is Grey Metallic (Colour Code No. 728).



No.	Plate	
98594	2477	Lifting Presser Bar Shaft Bushing (front) for 133K13 to 133K15 and 133K18 Machines
98595	2723	Needle Bar (hollow) for 133K13, 133K14 and 133K18 Machines ... ..
98596	2724	Needle Bar Clamp and Thread Guide, with 156f, for 133K13, 133K14 and 133K18 Machines ... ..
98597	2723	Oil Reservoir Oil Pipe for 98598 ... ..
98598	—	Oil Reservoir Oil Pipe 98597, with 98599 and 98600, for 133K13 and 133K14 Machines
98599	2477	Oil Reservoir Oil Pipe Clip for 98598 ... ..
98600	2477	Oil Reservoir Oil Pipe Joint for 98598 ... ..
103001	2289	Rotating Hook, with 103003, 103016 and three 50383e, for 103002 and 103117 ... ..
103002	—	Rotating Hook 103001, with 103006, for 133K13 and 133K14 Machines ... ..
103003	2289	Rotating Hook Base, with three SS522c, for 103001 ... ..
*103004	2290	Rotating Hook Bobbin Case for 103090 ... ..
103005	2290	Rotating Hook Bobbin Case 103090 with 662d, 768f, 1443f and 103013 to 103015, for 103006 ... ..
103006	—	Rotating Hook Bobbin Case 103005, with 97949, for 103002 and 103020 ... ..
103007	2290	Rotating Hook Bobbin Case Bobbin Retainer for 103090 and 103105 ... ..
103008	2290	Rotating Hook Bobbin Case Bobbin Retainer Hinge Pin for 103090 and 103105 ... ..
103009	2290	Rotating Hook Bobbin Case Bobbin Retainer Spring for 103090 and 103105 ... ..
103010	2290	Rotating Hook Bobbin Case Bobbin Retainer Spring Plunger for 103090 and 103105 ... ..
103011	2724	Rotating Hook Bobbin Case Position Bracket for 133K13 to 133K15 and 133K18 Machines ... ..
103012	2724	Rotating Hook Bobbin Case Retainer Position Spring ... ..
103013	2290	Rotating Hook Bobbin Case Ring (Nylon) for 103005 ... ..
103014	2290	Rotating Hook Bobbin Case Ring Spring for 103005, 103106, 103118 and 103121 ... ..
103015	2290	Rotating Hook Bobbin Case Tension Spring for 103005, 103106, 103118 and 103121 ... ..
103016	2290	Rotating Hook Ring for 103001 and 103019



No.	Plate	
103017	2723	Rotating Hook Shaft for 133K13, 133K14 and 133K18 Machines ... ..
103018	2724	Thread Guard (side of arm) for 133K12 to 133K15 and 133K18 Machines ...
103019	2289	Rotating Hook, with 103016, 103021 and three 50383e, for 103020 and 103123 ...
103020	—	Rotating Hook 103019, with 103006, for 133K12, 133K15 and 133K17 Machines
103021	2289	Rotating Hook Base, with three SS522c, for 103019 ... ..
103022	—	Machine Pulley, complete, Nos. 103034, 103036, 103037, 103041, 103044, three each SS609c, 103040 and four 51002e, for 103048 ... ..
†*103023	—	Arm, with two each 56003, 97830 and six 97829, for 133K15 Machine ... ..

*NOTE.—Due to the accuracy required for gear alignment, Arm cannot be supplied separately and can only be sent out as a unit, Arm and Bed assembled.*

103024	2286	Arm Shaft (horizontal) for 133K15 and 133K17 Machines ... ..
103025	2477	Arm Shaft (horizontal) Bushing (intermediate) for 133K15 and 133K17 Machines ...
103026	2477	Arm Shaft (horizontal) Bushing (intermediate) Oil Pad for 133K15 and 133K17 Machines ... ..
†103027	2725	Arm Side Cover for 133K15 Machine ...
†*103028	—	Bed, with 97829, for 133K15 Machine ...

*NOTE.—Due to the accuracy required for gear alignment, Bed cannot be supplied separately and can only be sent out as a unit, Arm and Bed assembled.*

103029	2323	Lifting Presser Bar Eccentric Connection, with 98531 to 98533 and two 145e, for 103031 ... ..
103030	2286	Lifting Presser Bar Shaft for 133K15 Machine
103031	—	Lifting Presser Bar Link Drive, complete, Nos. 98444, 98445, 98448, 103029 and three 98446, for 133K15 Machine ...
103032	2286	Rotating Hook Shaft for 133K15 and 133K17 Machines ... ..
103034	2286	Machine Pulley for 103022 ... ..
103036	2286	Machine Driving Friction (leather) for 103022
103037	2286	Machine Driving Friction Clamp for 103022

† For Two-Tone Machines the finish of these parts is Grey Metallic (Colour Code No. 728).

No.	Plate	
103038	2298	Machine Driving Friction Clamp Operating Washer for 103048 ... ..
103039	2299	Machine Driving Friction Clamp Operating Washer Incline Lever for 103048 ...
103040	2298	Machine Driving Friction Clamp Spring for 103022 ... ..
103041	2286	Machine Driving Friction Position Plate for 103022 ... ..
103042	2299	Machine Starting Lever for 103048 ...
103043	2299	Machine Starting Lever Pitman Rod for 103048 ... ..
103044	2323	Machine Stop Cam, with SS610c, 103045 and two 1401c, for 103022 ... ..
103045	2299	Machine Stop Cam Friction Ring (leather) for 103044 ... ..
103046	2299	Machine Stop Motion Bracket for 103048 ...
103047	2299	Machine Stop Motion Bracket Seating for 103048 ... ..
103048	—	Machine Stop Motion, complete, Nos. SS547c, SS608d, 50632e, 87572, 103022, 103038, 103039, 103042, 103043, 103046, 103047, 103092, 200219d, 200258d, 201522e, 201611d, 204745, 206628, 223016, 227227 and 227576, for 133K12 Machine ...
103049	2725	Bobbin Winder Base, with 449c, for 97947 ...
103050	2725	Bobbin Winder Support Bracket for 97947 ...
*103052	—	Arm, with 56003, two 97830 and five 97829, for 133K14 Machine ... ..

*NOTE.—Due to the accuracy required for gear alignment, Arm cannot be supplied separately and can only be sent out as a unit, Arm and Bed assembled.*

\*103053 — Bed for 133K14 Machine ... ..

*NOTE.—Due to the accuracy required for gear alignment, Bed cannot be supplied separately and can only be sent out as a unit, Arm and Bed assembled.*

103054	2323	Lifting Presser Bar Eccentric Connection with 98531 to 98533 and two 145e, for 103084 ... ..
103055	2724	Rotating Hook Bobbin Case Position Bracket for 133K12, 133K15 and 133K17 Machines
103064	2286	Feed Lifting Rock Shaft for 133K17 Machine
103065	2323	Feed Rock Shaft 103093 with 92646 and 103094, for 133K17 Machine ... ..

No.	Plate	
†*103077	—	Arm, with two 56003 and three 97829, for 133K17 Machine ... ..

*NOTE.—Due to the accuracy required for gear alignment, Arm cannot be supplied separately and can only be sent out as a unit, Arm and Bed assembled.*

†*103078	—	Bed for 133K17 Machine ... ..
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*NOTE.—Due to the accuracy required for gear alignment, Bed cannot be supplied separately and can only be sent out as a unit, Arm and Bed assembled.*

103079	2286	Foot Lifter Lifting Lever, with 448c, for 103087 ... ..
103080	2286	Foot Lifter Lifting Lever Spring for 103081
103081	—	Foot Lifter, complete, Nos. 76d, 100d, 694d, 1115d, 1521e, 12416, 97768, 97786, 98470, 103080 and 103087, for 133K17 Machine
103083	2477	Arm Side Cover Oil Reservoir Cover and Knob for 98590 ... ..
103084	—	Lifting Presser Bar Link Drive, complete, Nos. 98444, 98445, 98448, 103054 and three 98446, for 133K13, 133K14 and 133K18 Machines ... ..
103085	2286	Foot Lifter Lifting Lever Extension for 103087 ... ..
103087	—	Foot Lifter Lifting Lever 103079, with 97723, 103085 and two 161r, for 103081 ...
103090	—	Rotating Hook Bobbin Case 103004 with 103007 to 103010, for 103005 and 103118
103091	2477	Arm Shaft (horizontal) Flanged Bushing (back) for 103092 ... ..
103092	2477	Arm Shaft (horizontal) Flanged Bushing (back) 103091 with 52198 and 97924, for 103048 ... ..
103093	—	Feed Rock Shaft for 103065 ... ..
103094	—	Feed Dog Carrier Link Lever for 103065 ...
103095	2586	Lifting Presser Bar Lifting Collar Cushion (bakelite) for 133K13 to 133K15 and 133K18 Machines ... ..
103095	2586	Lifting Presser Bar Spring Sleeve Cushion (bakelite) for 133K13 to 133K15 and 133K18 Machines ... ..
103096	2584	Oiler (sight feed) for 103100 ... ..

† For Two-Tone Machines the finish of these parts  
is Grey Metallic (Colour Code No. 728).

No.	Plate	
103097	2584	Oiler Bracket with 443al and two 1186c for 103100 ... ..
103098	2584	Oiler Coupling for 103100 ... ..
103099	2584	Oiler Pipe for 103100 ... ..
103100	2584	Oiler, complete, Nos. 103096 to 103099, for 133K18 Machine ... ..
103101	2585	Rotating Hook with 103103, 103109 and three 50383e for 103102 and 103120 ...
103102	—	Rotating Hook 103101 with 103107 for 133K18 Machine ... ..
103103	2585	Rotating Hook Base with three SS522c for 103101 ... ..
*103104	2585	Rotating Hook Bobbin Case for 103105 ...
103105	—	Rotating Hook Bobbin Case 103104 with 103007 to 103010 for 103106 and 103121
103106	2586	Rotating Hook Bobbin Case 103105 with 662d, 768f, 1443f, 103014, 103015 and 103108, for 103107 ... ..
103107	—	Rotating Hook Bobbin Case 103106 with 97949, for 103102 ... ..
103108	2586	Rotating Hook Bobbin Case Ring (Nylon) for 103106 ... ..
103109	2585	Rotating Hook Ring for 103101 ... ..
103110	2586	Rotating Hook Shaft Bushing (front) for 133K18 Machine ... ..
103111	2296	Lifting Presser Bar Shaft for 133K13, 133K14 and 133K18 Machines ... ..
103112	2477	Lifting Presser Bar Shaft Bushing (back) for 133K13, 133K14, and 133K18 Machines
103113	—	Machine Pulley, 'V' belt groove (diam. of belt groove $4\frac{45}{64}$ " ) with two 434c for 133K13, 133K15, 133K17 and 133K18 Machines ... ..
103115	—	Rotating Hook Bobbin Case Ring (Steel) for 103118 ... ..
103116	—	Rotating Hook Bobbin Case Ring (Steel) for 103121 ... ..
103117	—	Rotating Hook 103001 with 103119 for 133K13 and 133K14 Machines... ..
103118	—	Rotating Hook Bobbin Case 103090 with 662d, 768f, 1443f, 103014, 103015 and 103115 for 103119 ... ..
103119	—	Rotating Hook Bobbin Case 103118 with 97949 for 103117 and 103123 ... ..
103120	—	Rotating Hook 103101 with 103122 for 133K18 Machine ... ..



No.	Plate	
103121	—	Rotating Hook Bobbin Case 103105 with 662d, 768f, 1443f, 103014, 103015 and 103116 for 103122 ... ..
103122	—	Rotating Hook Bobbin Case 103121 with 97949 for 103120 ... ..
103123	—	Rotating Hook 103019 with 103119 for 133K12, 133K15 and 133K17 Machines ...
104196	—	Bobbin Winder Pulley with 200380c for 97953 ... ..
120342	1600	Oiler ... .. (Accessories)
125044	2081	Bobbin Winder Frame Oil Pad for 97944, 97945 and 97947 ... ..
161295	—	Screw Driver (small) ... .. (Accessories)
200056e	2435	Bobbin Winder Stop Latch Screw for 97948 and 97953 ... ..
200082d	2315	Bobbin Winder Tension Bracket Screw for 97948 and 97953 ... ..
200113f	2309	Machine Starting Lever Pitman Rod Spring Collar Set Screw for 227227 ... ..
200122h	2309	Machine Stop Cam Slide Spring Screw for 223016 ... ..
200219d	2309	Machine Starting Lever Hinge Screw for 103048 ... ..
200249f	2309	Machine Stop Cam Slide Hinge Screw for 223016 ... ..
200258d	2309	Machine Stop Cam Slide Lever Hinge Screw for 103048 ... ..
200299h	2435	Bobbin Winder Stop Latch Trip Lever Hinge Screw for 97948 and 97953 ... ..
200380c	2435	Bobbin Winder Pulley Set Screw for 104196 and 202473 ... ..
200383c	2308	Thread Unwinder Spool Rest Rod Set Screw for 202490 ... ..
200530c	2309	Machine Starting Lever Pitman Rod Clamp Set Screw for 204126 ... ..
200991f	2309	Machine Stop Cam Slide Lever Roller Screw Stud for 223016 ... ..
201230e	2309	Machine Incline Lever Position Screw for 204745 ... ..
201499b	2315	Bobbin Winder Tension Stud for 225461 ...
201522e	2309	Machine Stop Cam Slide Lever Hinge Screw Nut for 103048 ... ..
201525e	2309	Machine Stop Cam Slide Hinge Screw Nut for 223016 ... ..
201525e	2309	Machine Stop Cam Slide Lever Roller Screw Stud Nut for 223016 ... ..



No.	Plate	
201537c	2309	Machine Incline Lever Position Screw Check Nut for 204745 ... ..
201572b	2315	Bobbin Winder Tension Stud Thumb Nut for 225462 ... ..
201611d	2309	Machine Starting Lever Hinge Screw Nut for 103048 ... ..
201822	2298	Machine Stop Cam Slide Lever Roller for 223016 ... ..
†202247	2726	Arm Top Cover ... ..
202248	2306	Arm Top Cover Screw Washer ... ..
202277	—	Bobbin Winder Frame Oil Packing (wick) for 225453 ... ..
202473	2434	Bobbin Winder Pulley, with 200380c, for 97948 ... ..
202478	2435	Bobbin Winder Stop Latch Trip Lever for 97948 and 97953 ... ..
202490	1855	Thread Unwinder Spool Stand, with 200383c, for 98492 ... ..
204126	—	Machine Starting Lever Pitman Rod Clamp, with two 200530c, for 227576 ... ..
204745	2299	Machine Incline Lever, with 201230c and 201537c, for 103048 ... ..
206628	2298	Machine Starting Lever Pitman Rod Spring for 103048 ... ..
213161	2727	Feed Regulating Lever, with 213657, for 133K17 Machine ... ..
213655	1970	Feed Eccentric Friction Spring Washer for 133K17 Machine ... ..
213657	2727	Feed Regulating Lever Spring Pin for 213161
223013	2298	Machine Stop Cam Slide for 223016 ...
223014	2298	Machine Stop Cam Slide Spring for 223016 ...
223015	2299	Machine Stop Cam Slide Lever for 223016 ...
223016	—	Machine Stop Cam Slide Lever 223015, with 200122h, 200249f, 200991f, 201822, 223013, 223014 and two 201525e, for 103048 ... ..
225388	1855	Thread Unwinder Spool Rest Rod for 98492
225433	2434	Bobbin Winder and Tension Bracket Base for 97948 and 97953 ... ..
225453	2435	Bobbin Winder Frame, with 202277 and 259660, for 97948 and 97953 ... ..
225454	2435	Bobbin Winder Frame Hinge Pin for 97948 and 97953 ... ..

† For Two-Tone Machines the finish of these parts  
is Grey Metallic (Colour Code No. 728).

No.	Plate	
225455	2435	Bobbin Winder Frame Spring for 97948 and 97953 ... ..
225456	2435	Bobbin Winder Frame Spring Plunger for 97948 and 97953 ... ..
225458	2435	Bobbin Winder Stop Latch Thumb Lever for 97948 and 97953 ... ..
225459	2435	Bobbin Winder Stop Latch Thumb Lever Hinge Stud for 97948 and 97953 ...
225459	2435	Bobbin Winder Stop Latch Thumb Lever Joint Stud for 97948 and 97953 ...
225461	2315	Bobbin Winder Tension Bracket, with, 201499b, for 225462 ... ..
225462	—	Bobbin Winder Tension Bracket, complete, Nos. 13710, 201572b, 225461 and two 2102, for 97948 and 97953 ... ..
227227	2298	Machine Starting Lever Pitman Rod Spring Collar, with 200113f, for 103048 ...
227316	—	Machine Starting Lever Pitman Rod Clamp Hook for 227576 ... ..
227576	2298	Machine Starting Lever Pitman Rod Clamp Hook 227316, with 204126, for 103048 ...
228026	2435	Bobbin Winder Tension Bracket Screw Washer for 97948 and 97953 ... ..
250519	2304	Thread Lubricating Cup Oil Pad (felt) for 97770 ... ..
259660	2435	Bobbin Winder Frame Oil Well Washer for 225453 ... ..

