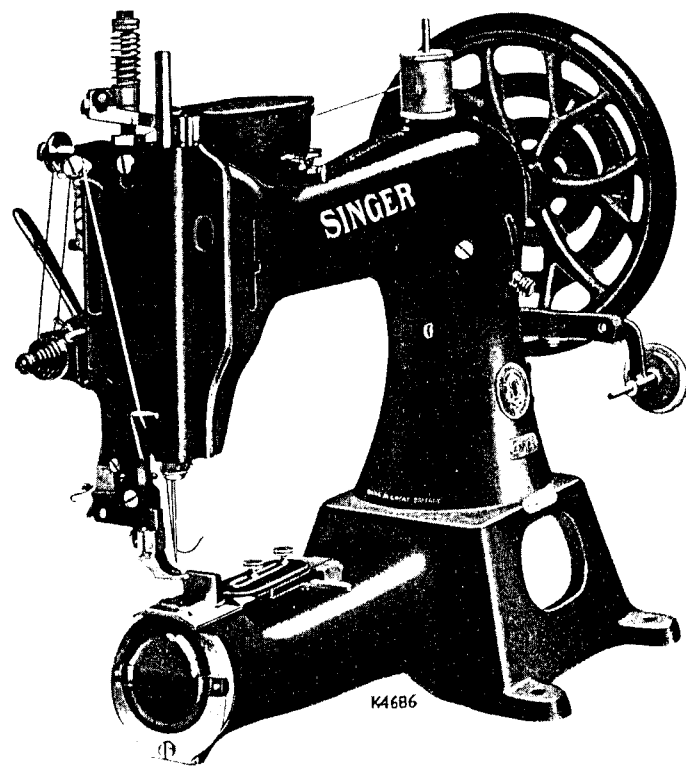


SINGER

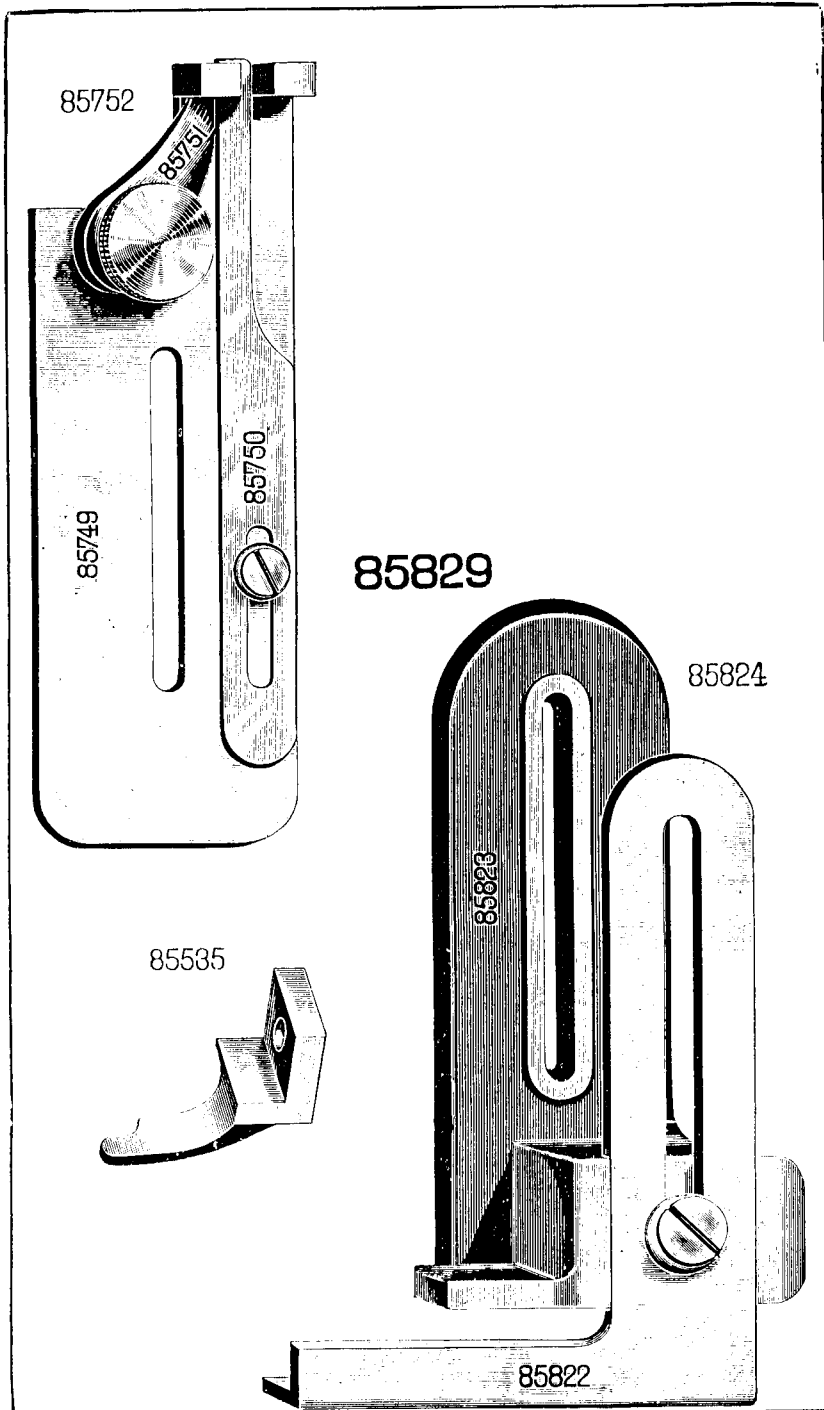
45K56,K89

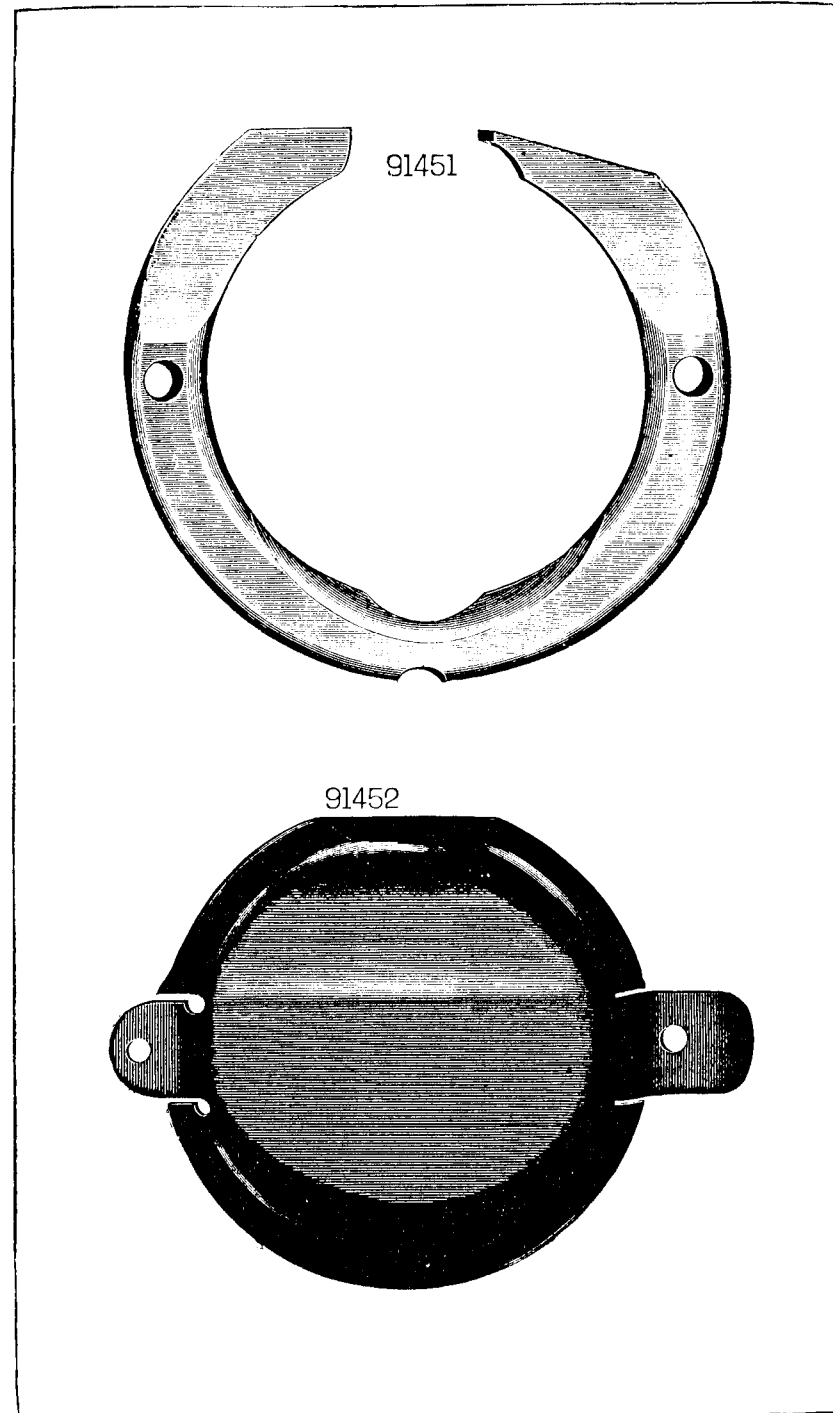
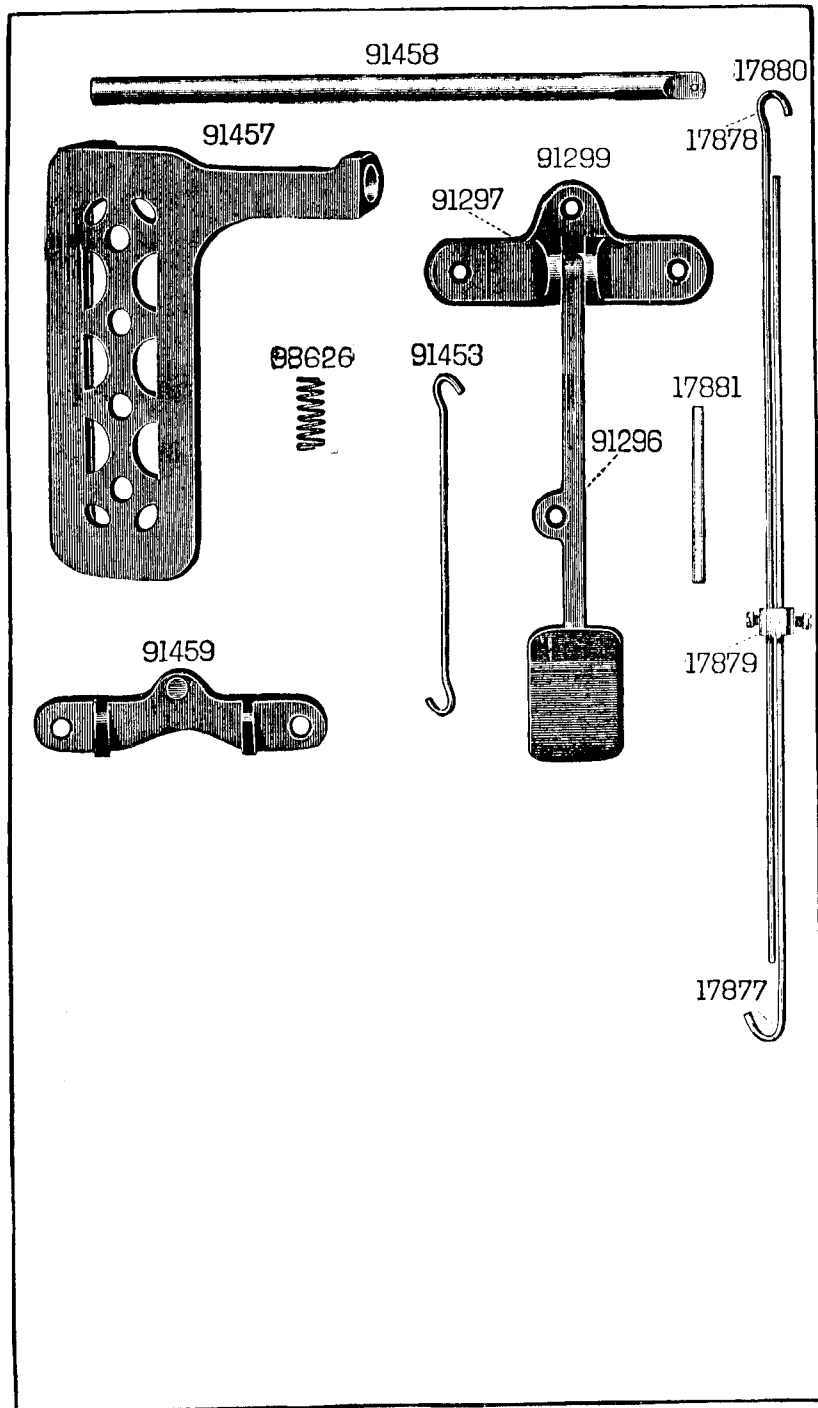
ILLUSTRATED
LIST OF PARTS
FOR
45K56 and 45K89 MACHINES

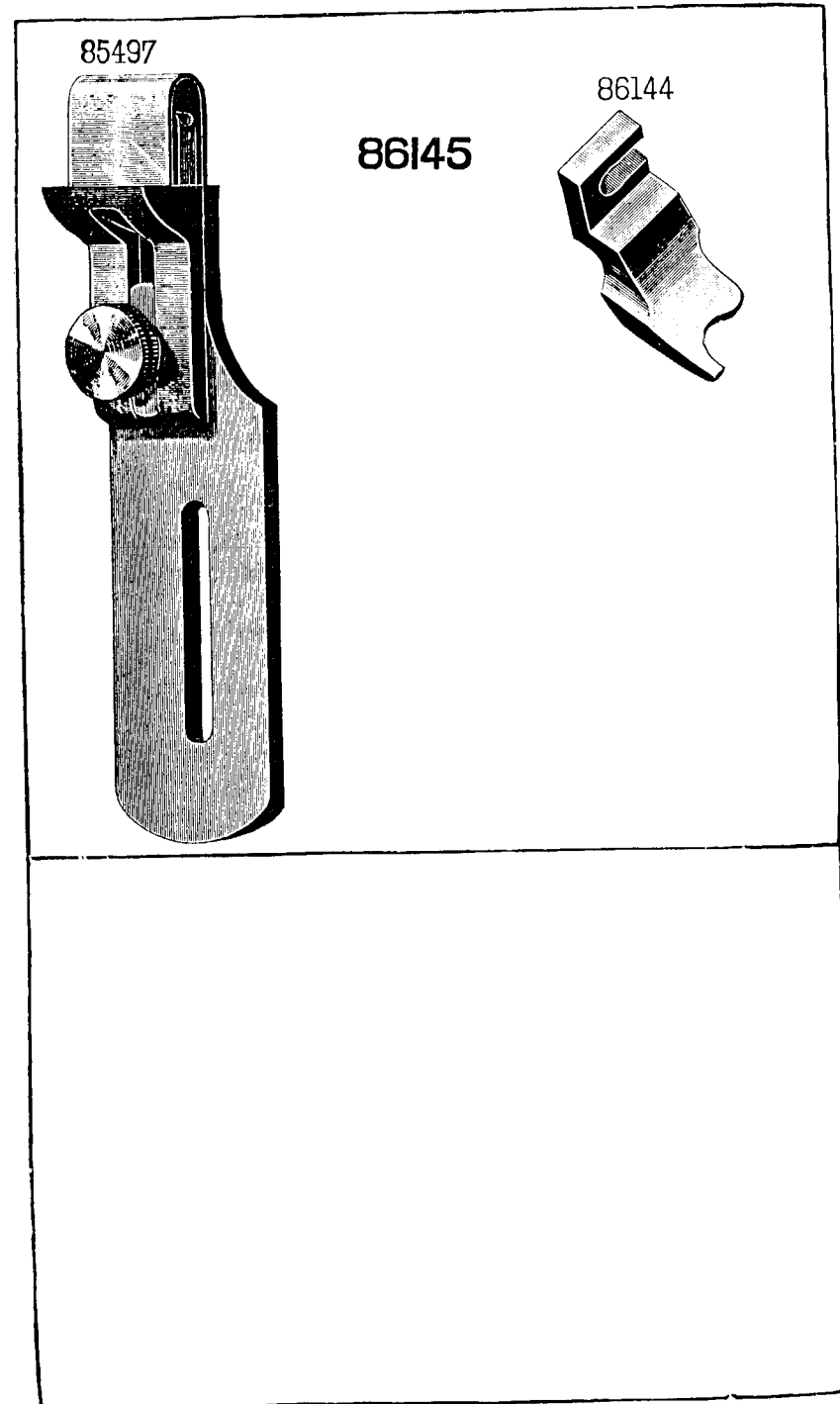
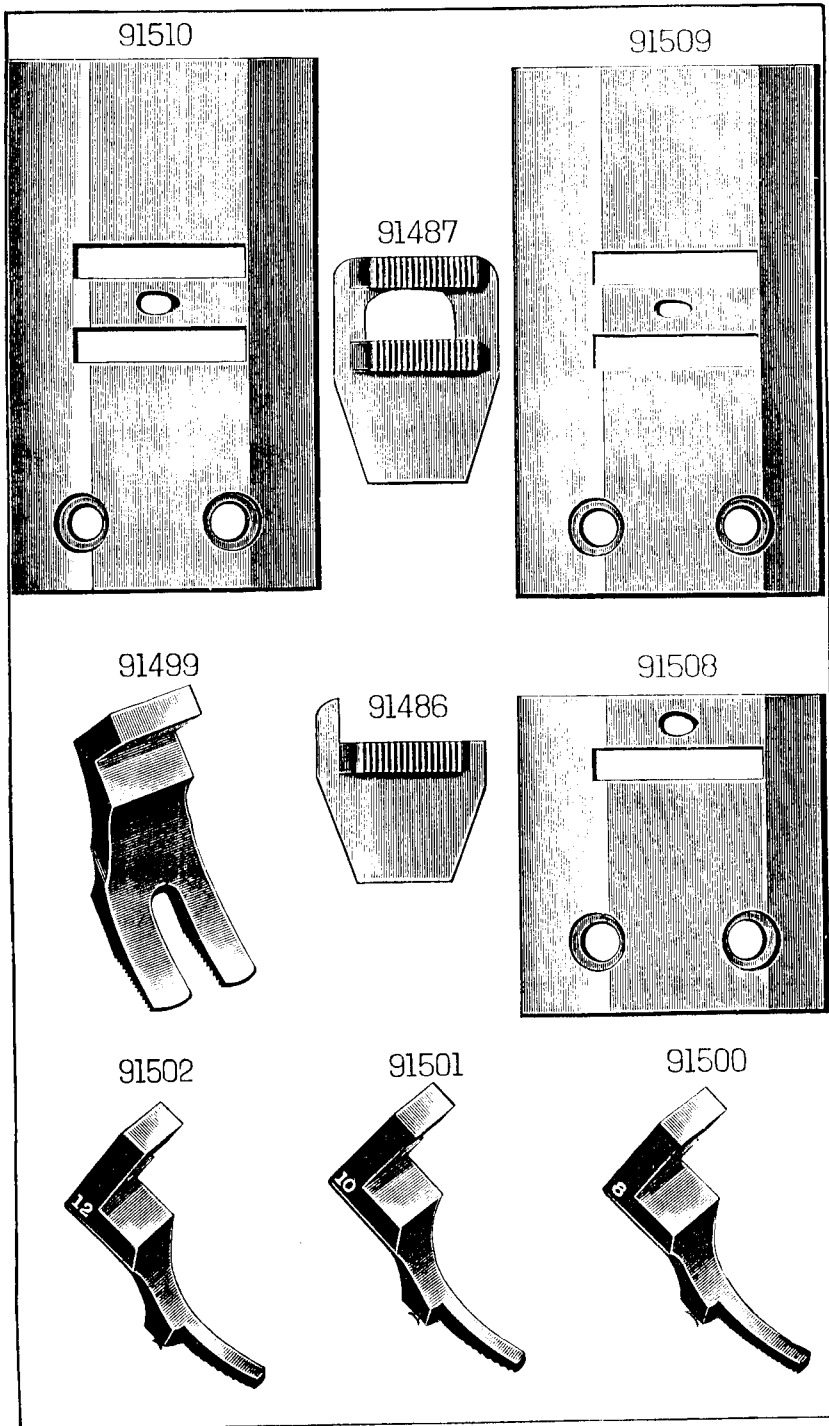


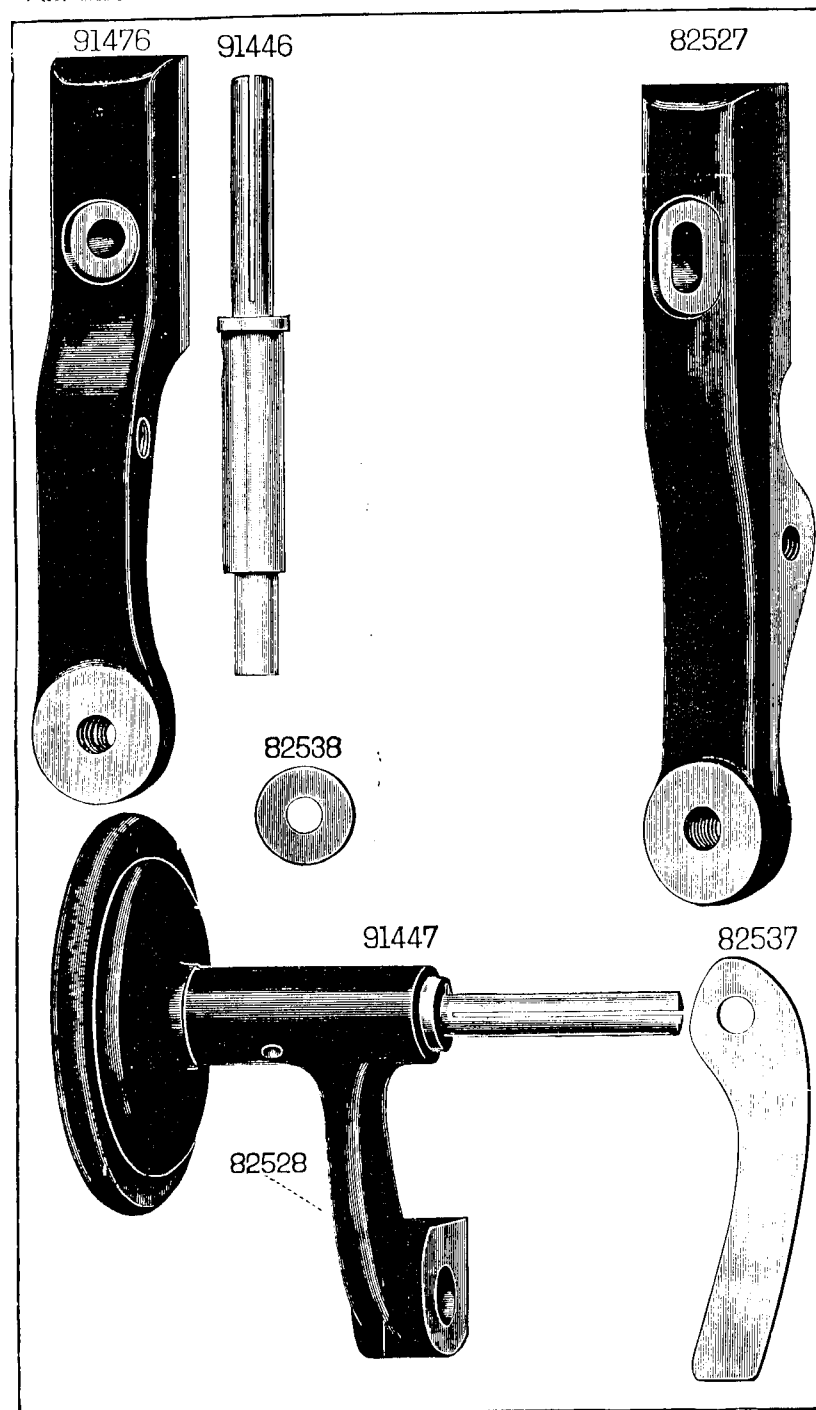
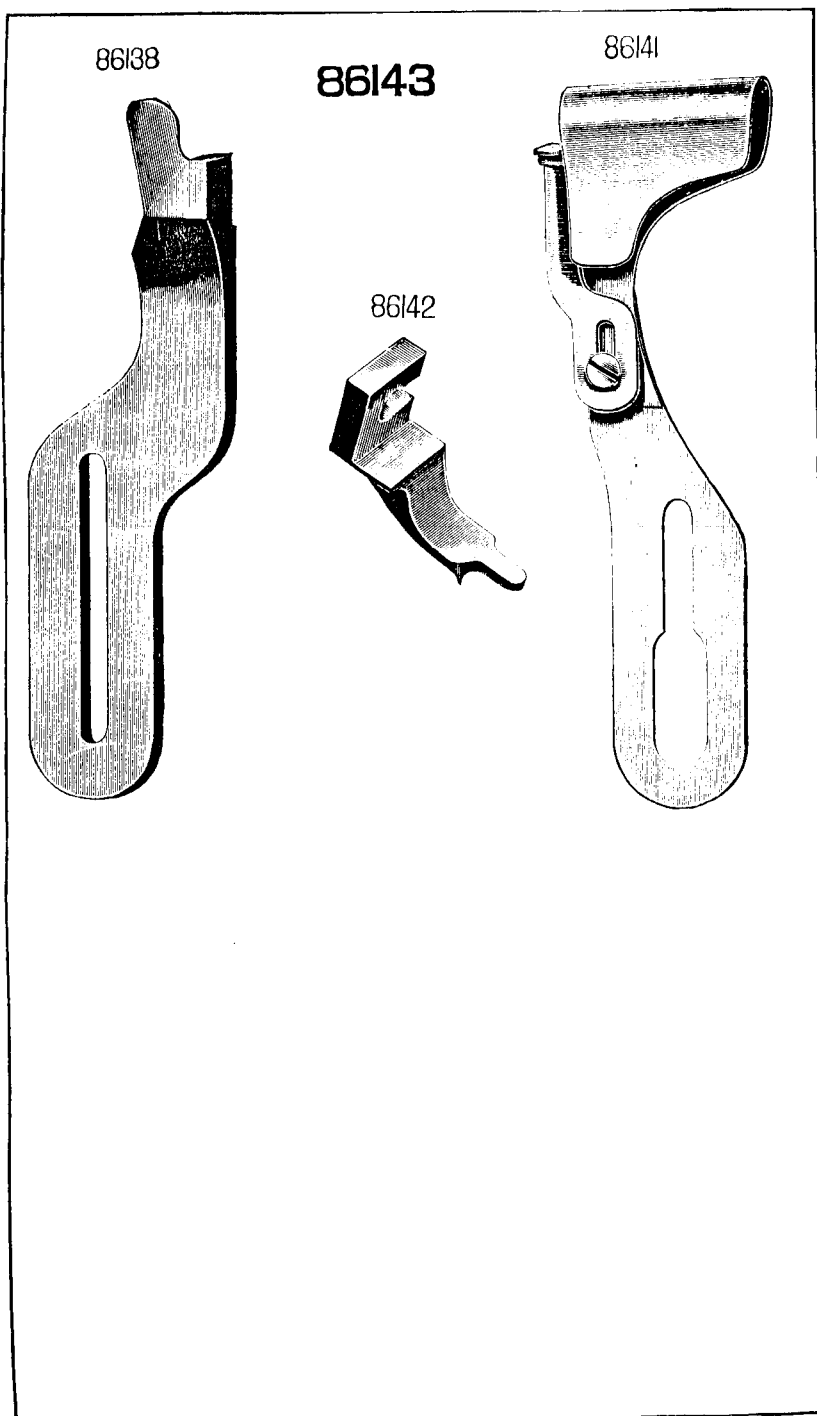
Machine No. 45K89

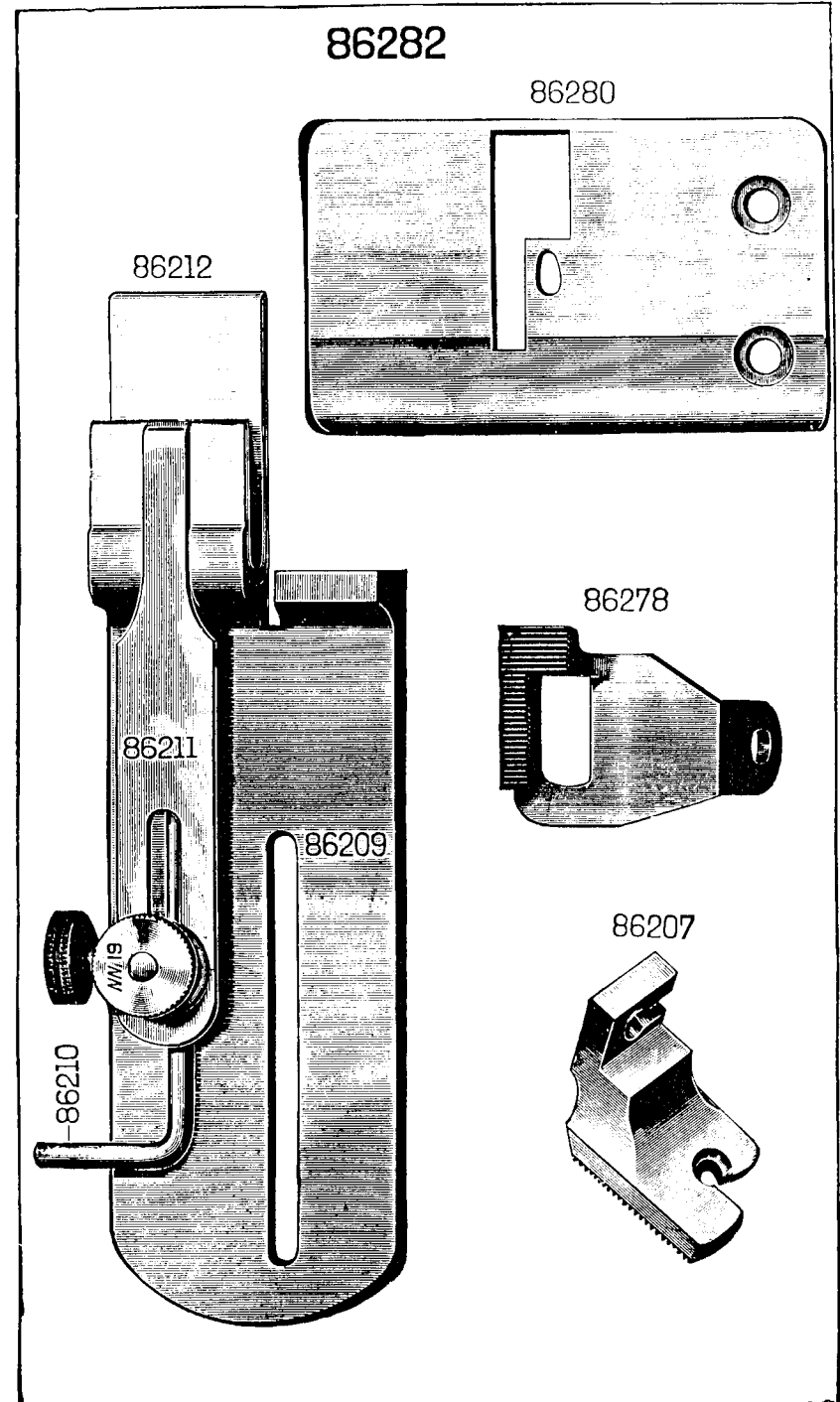
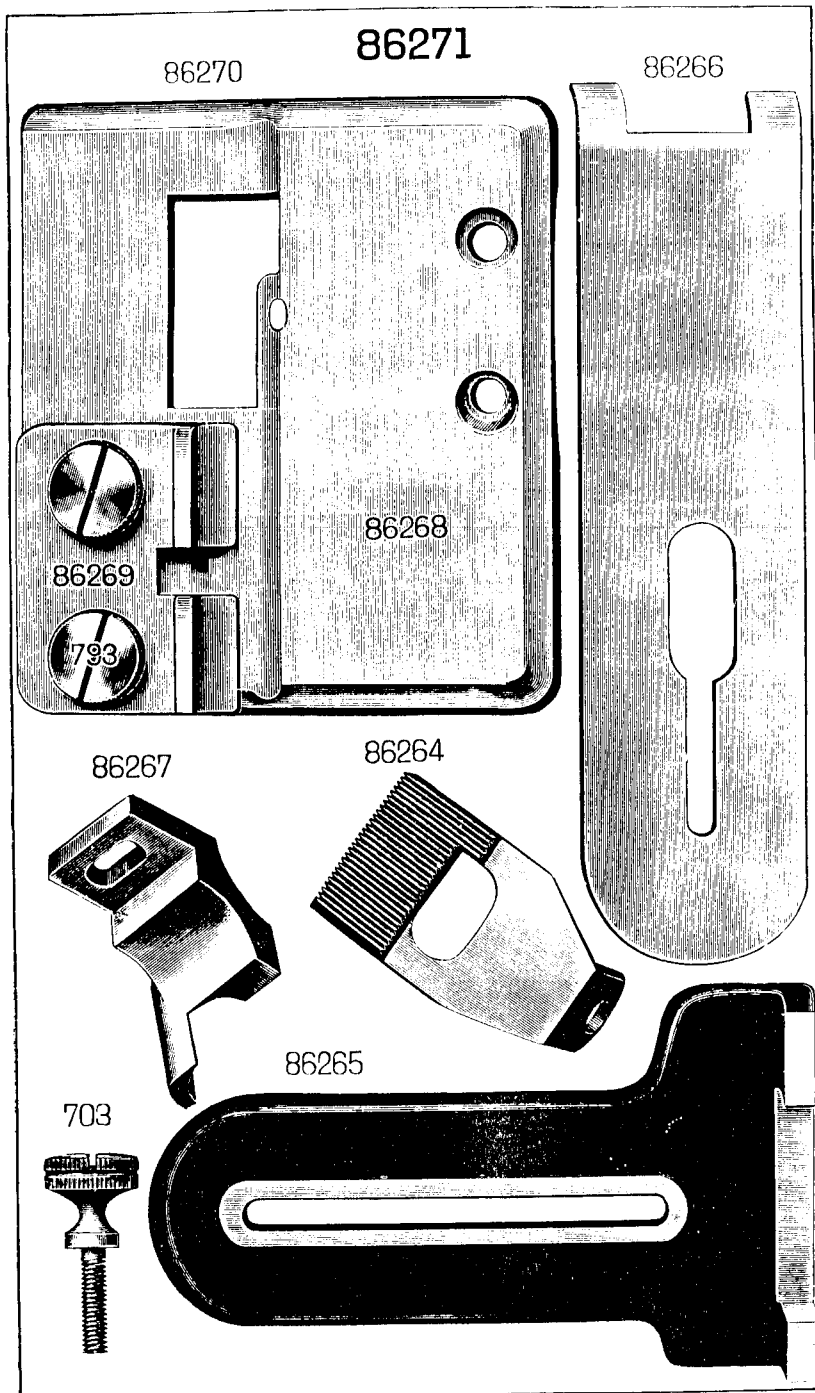
**A Trade Mark of THE SINGER MANUFACTURING COMPANY

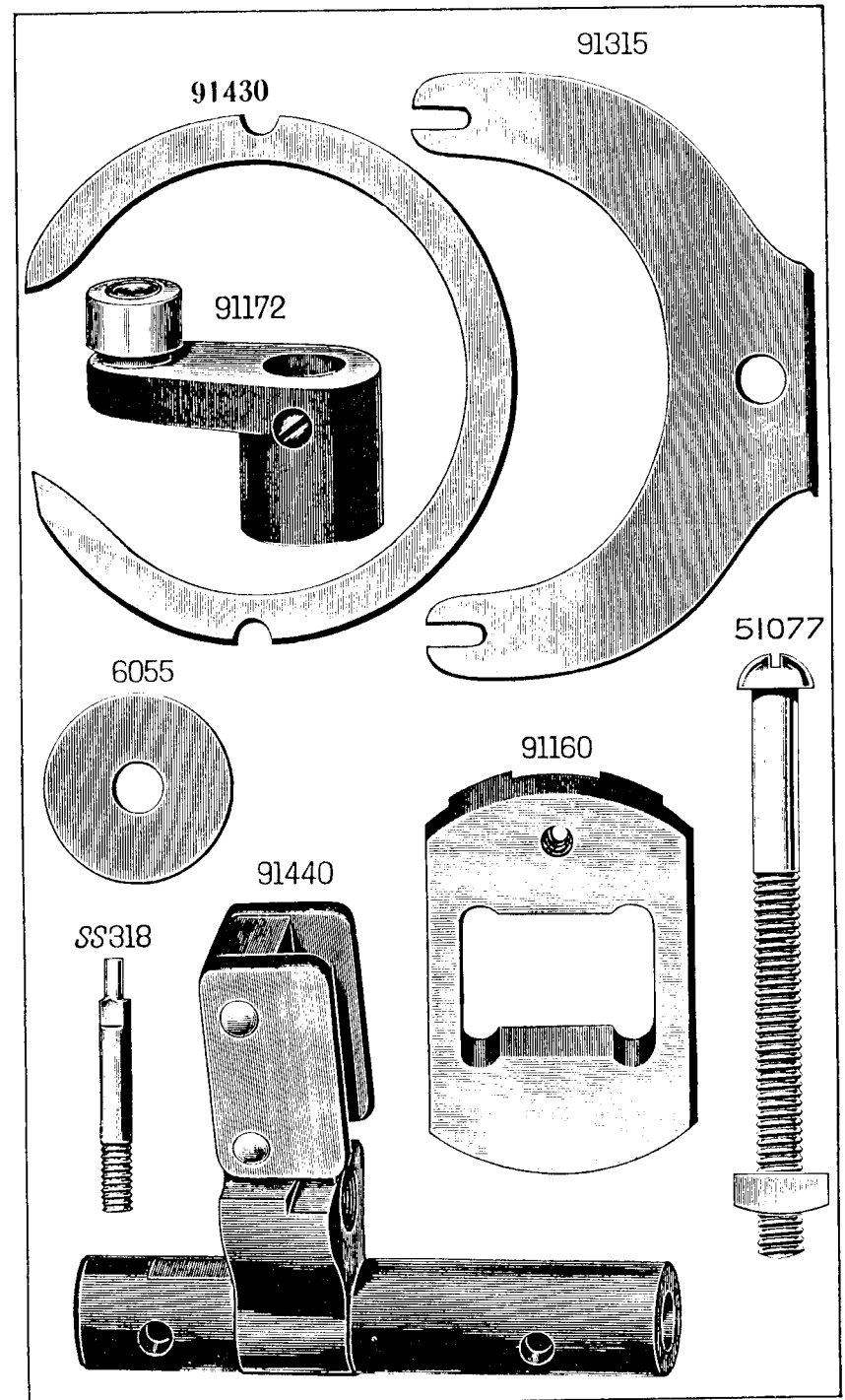
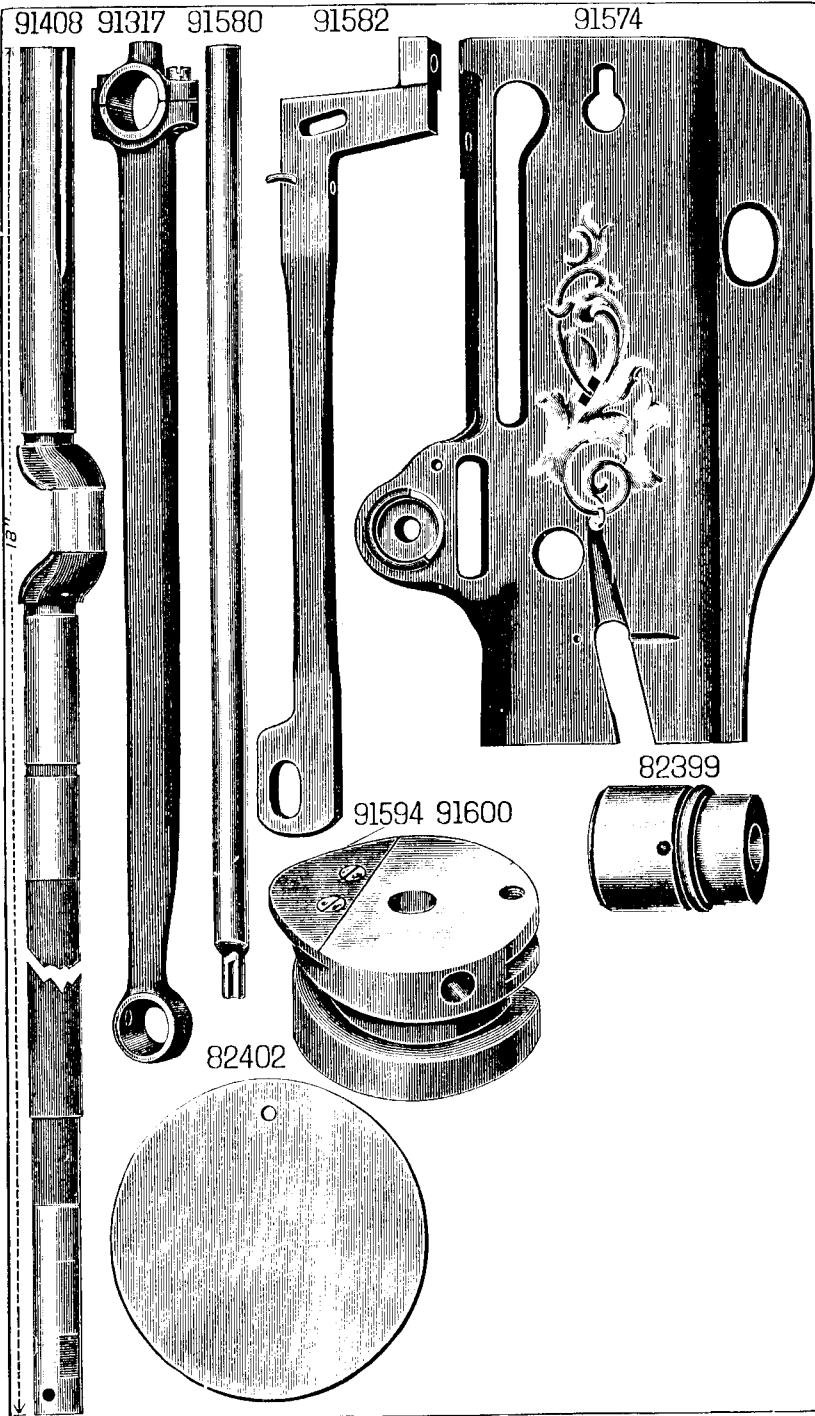


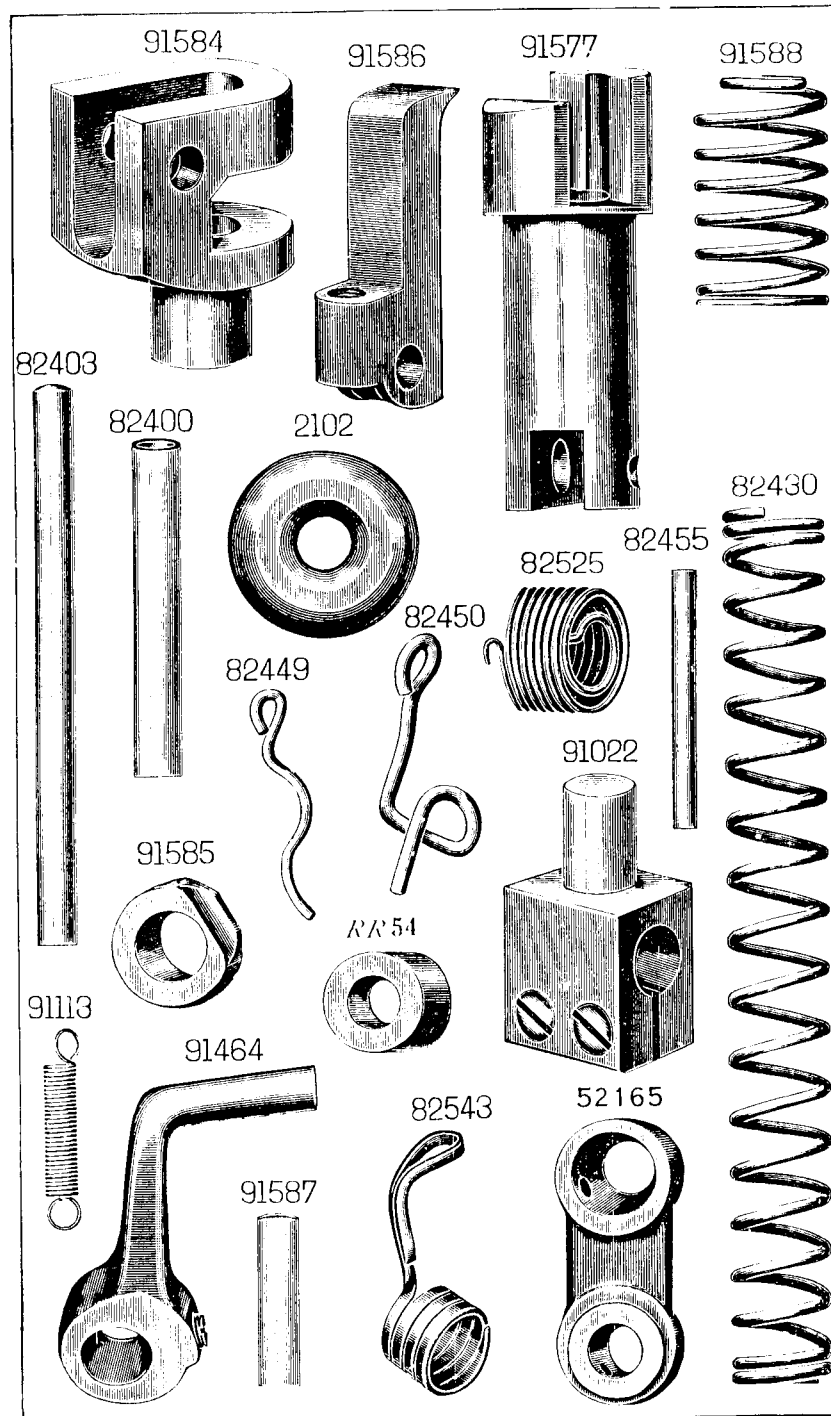
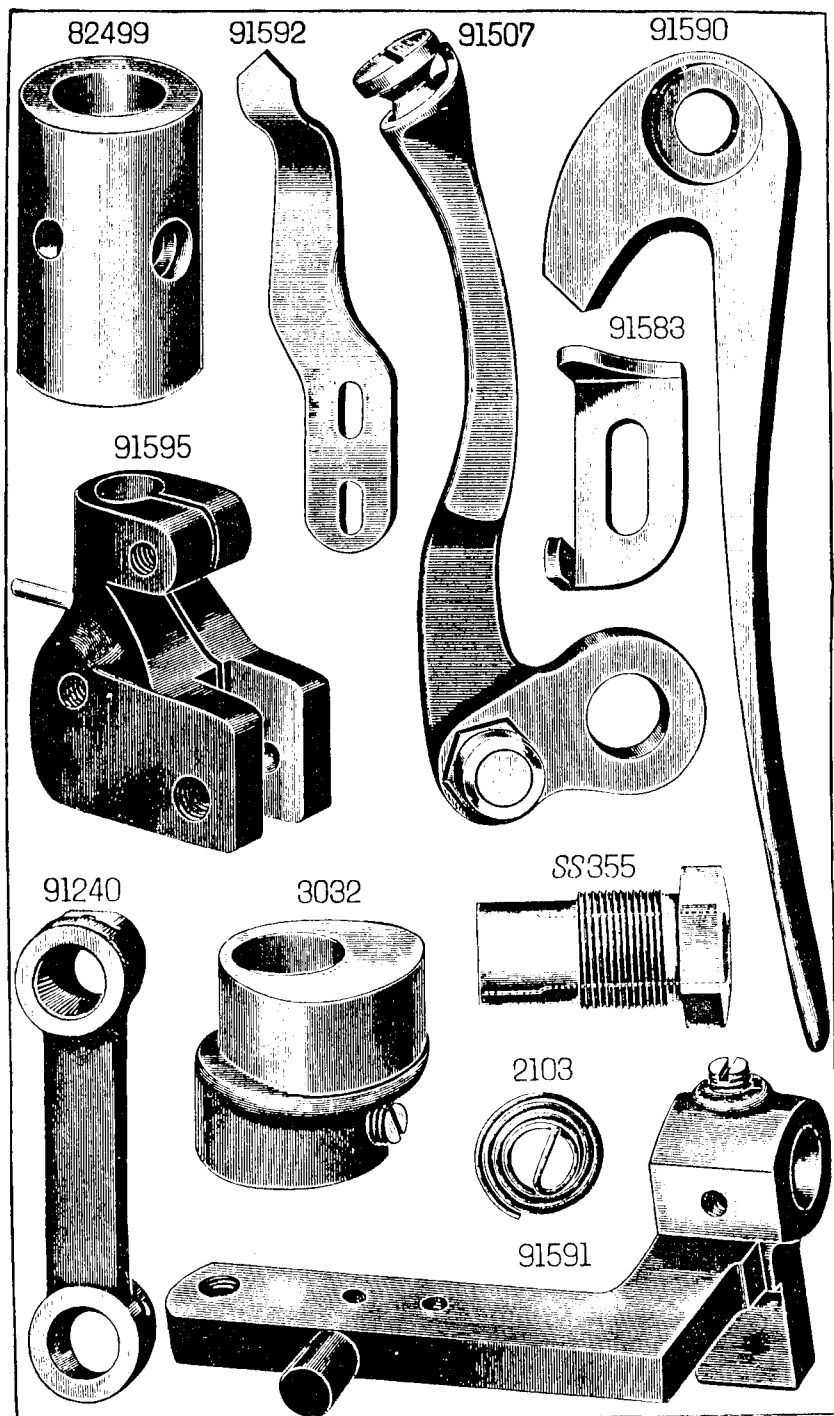


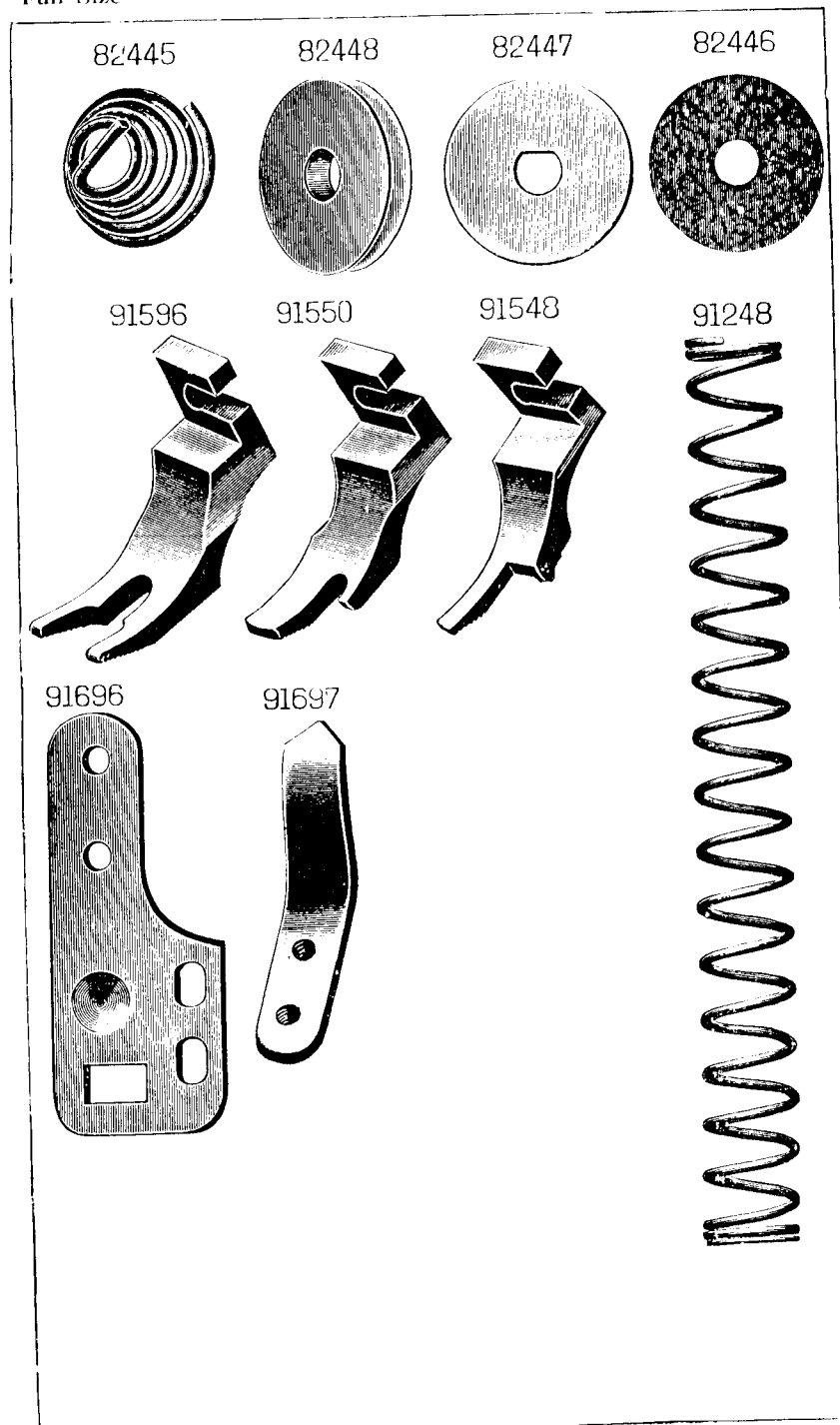
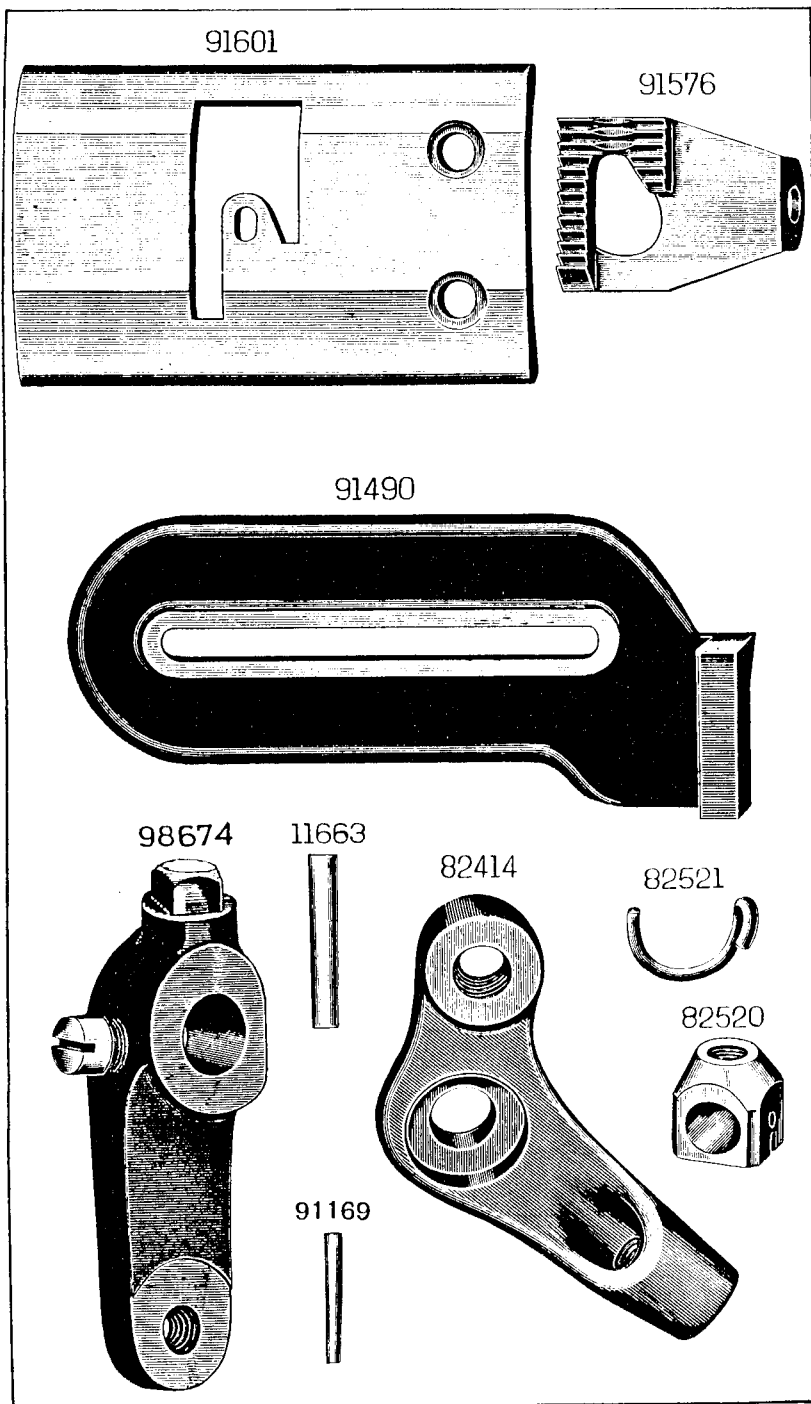




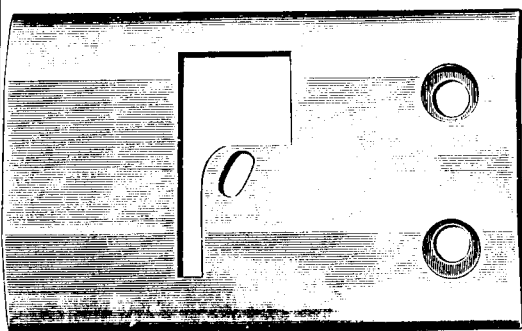




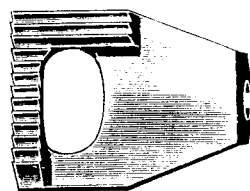




91557



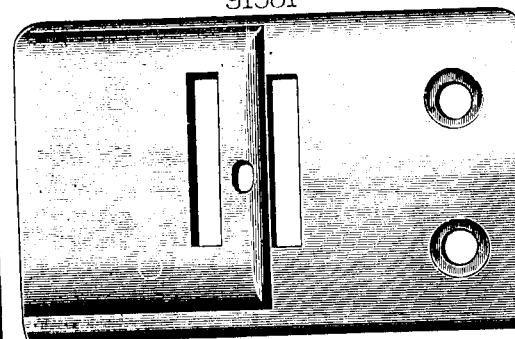
91541



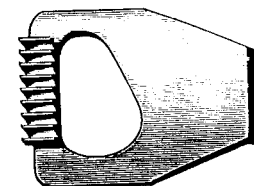
91552



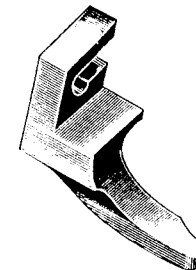
91561

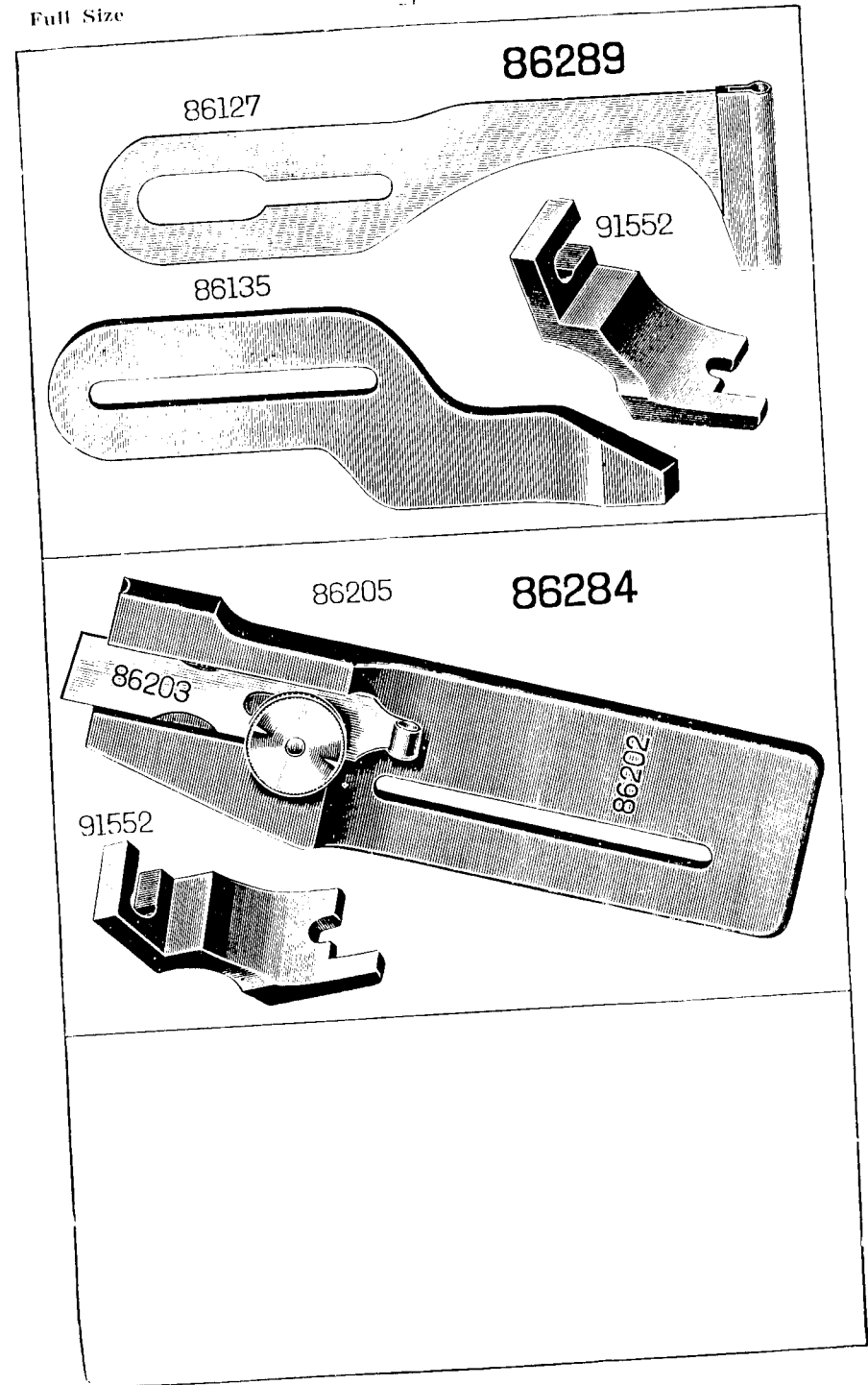
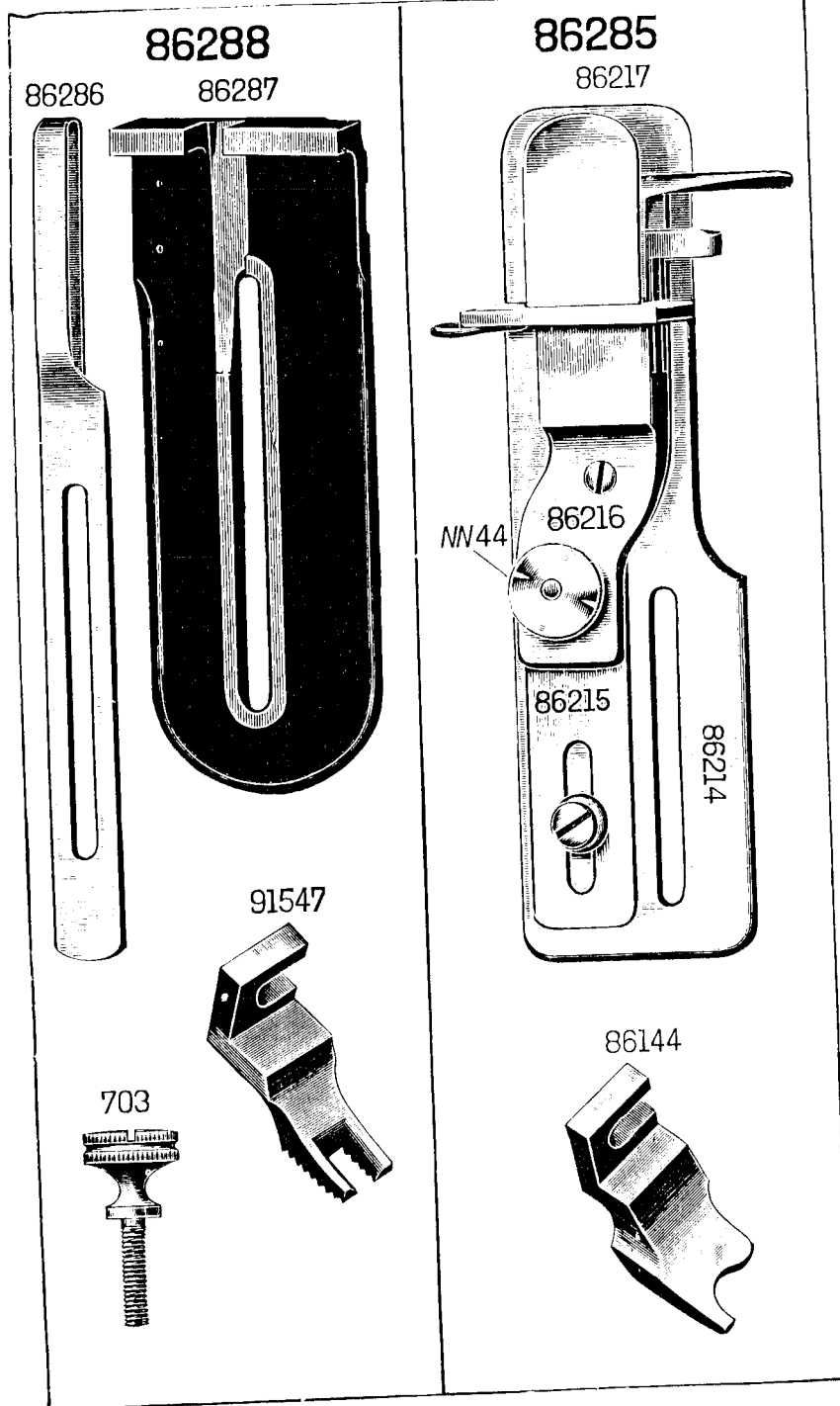


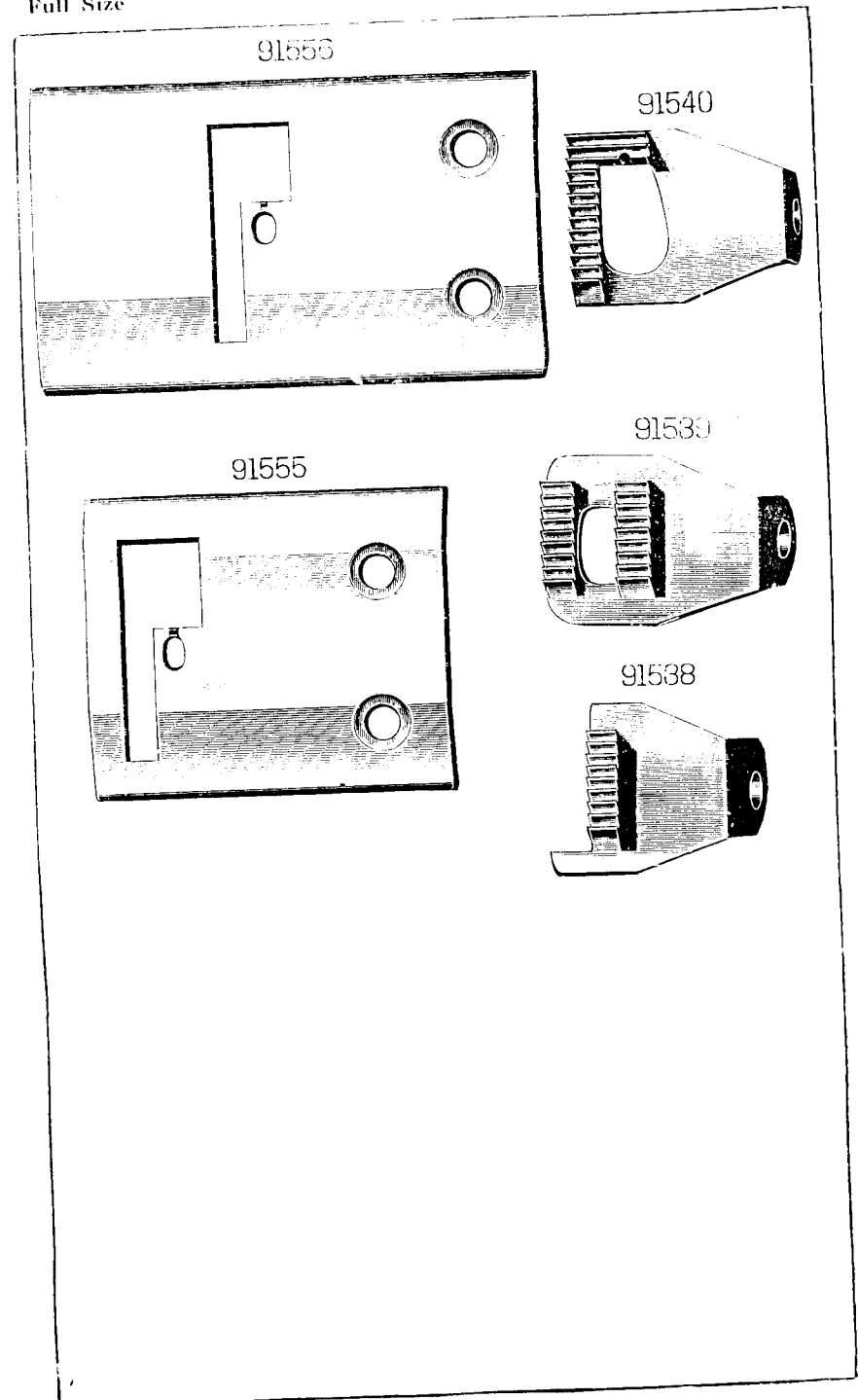
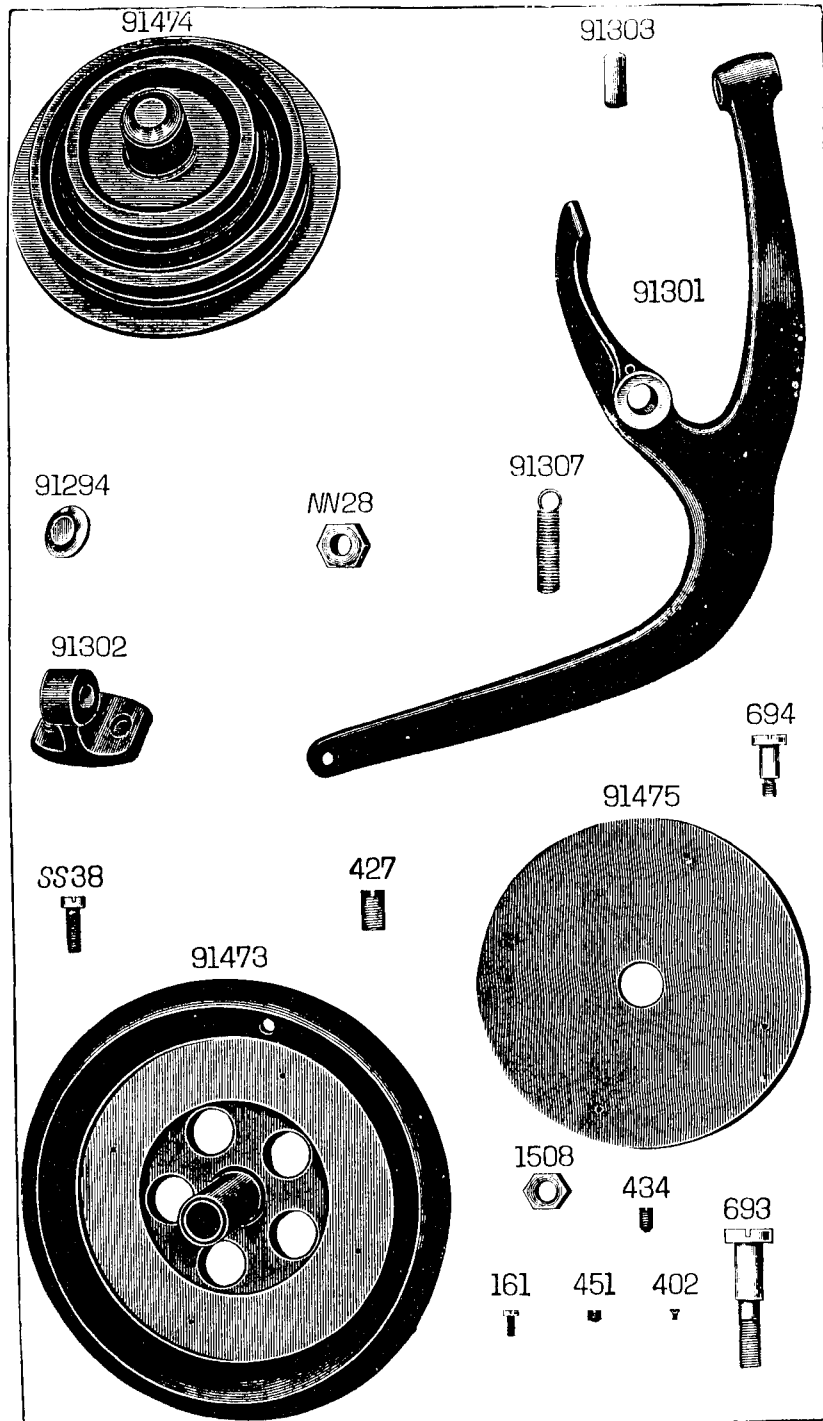
91543

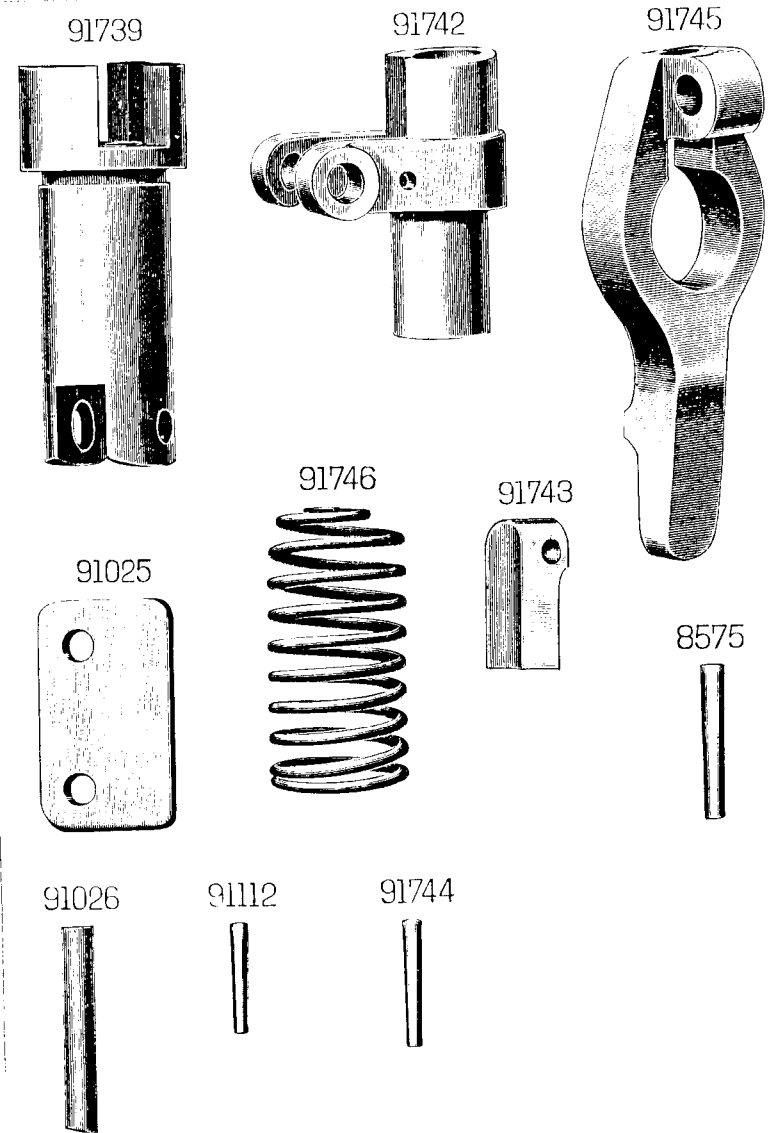
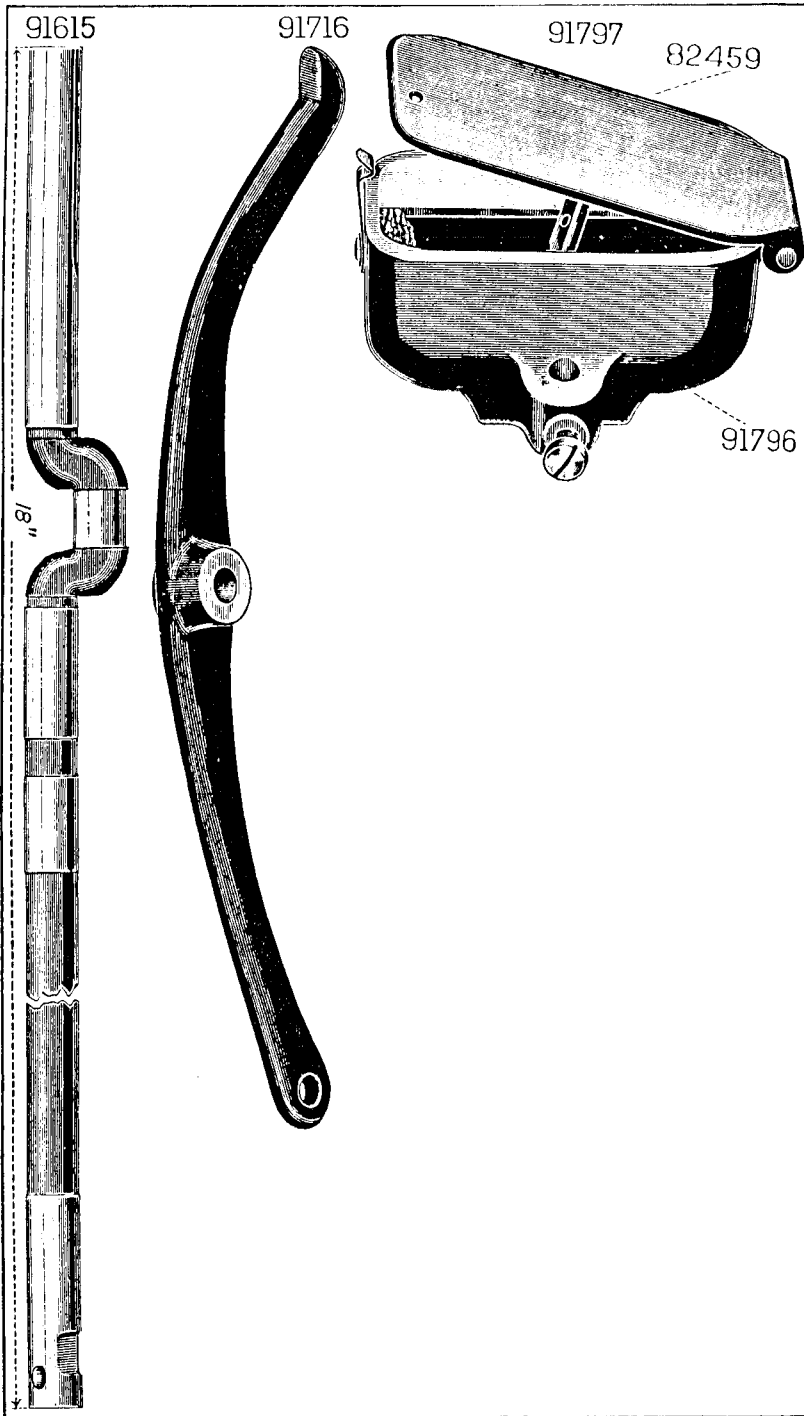


91554

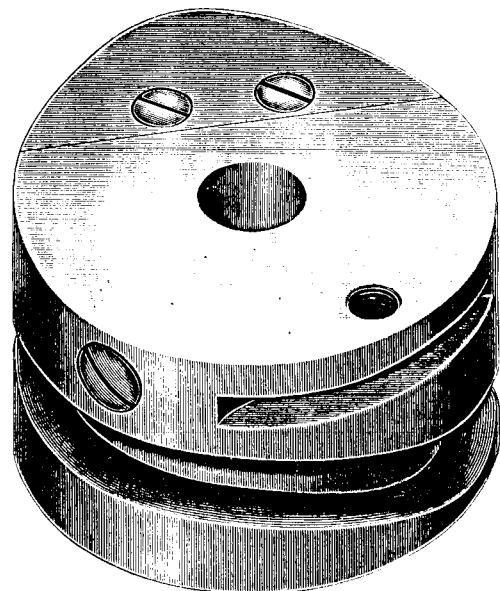




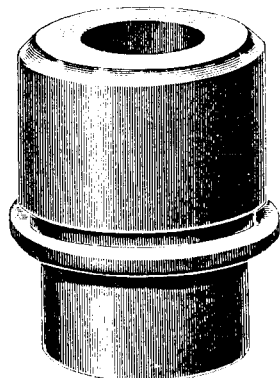




91710



82549



2106



2455



10141



80106



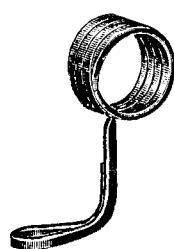
82462



82464



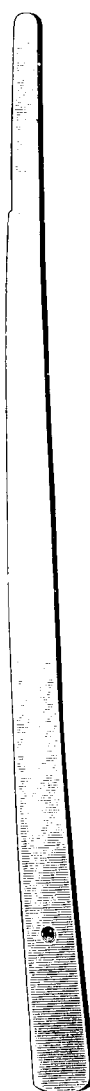
82551



92814



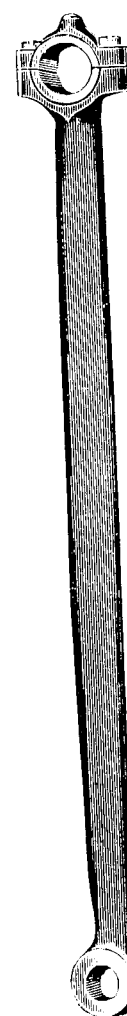
8627



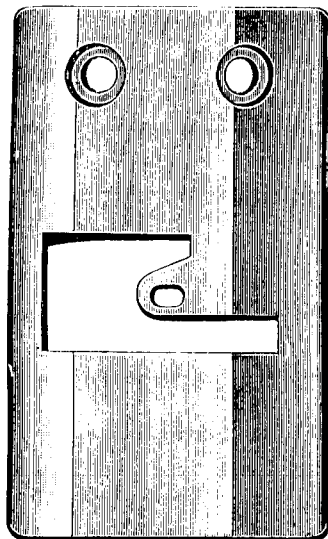
91715



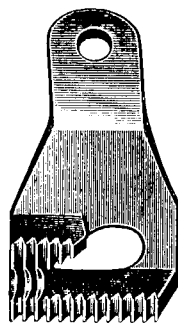
94801



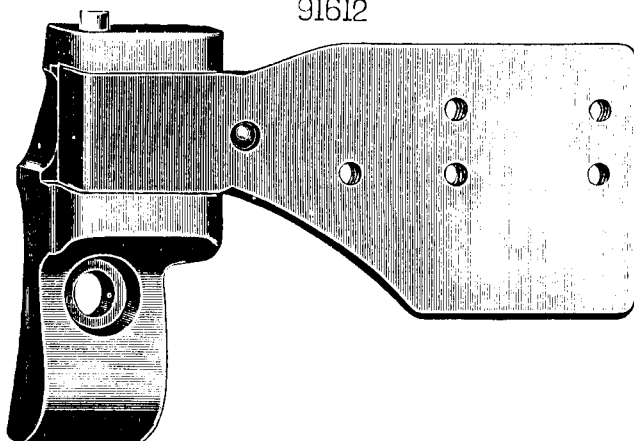
91601



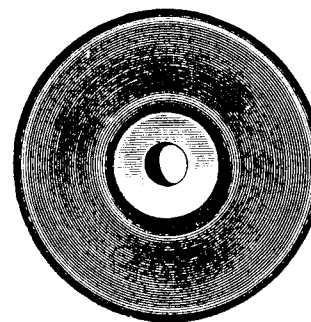
91576



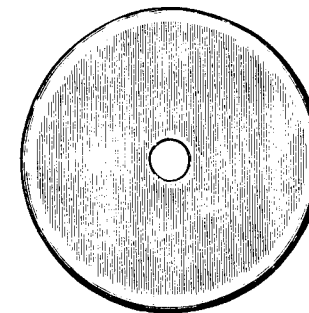
91612



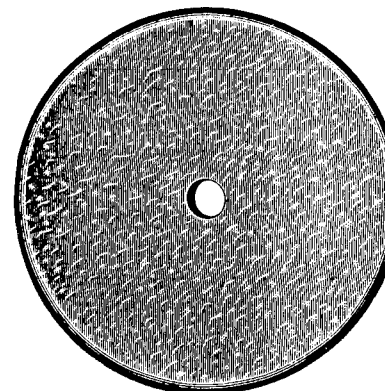
5963



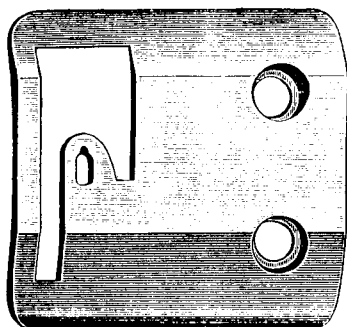
5961



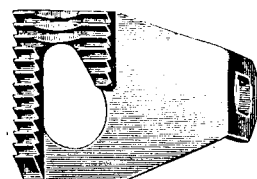
5960



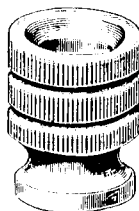
94955



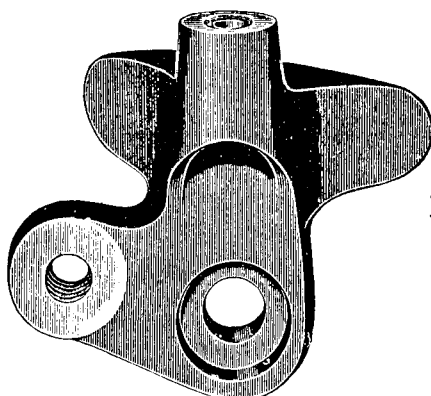
94952



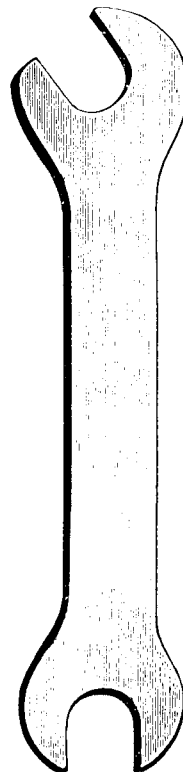
12333



94954



8908



120378



12323



1516



8582



82460



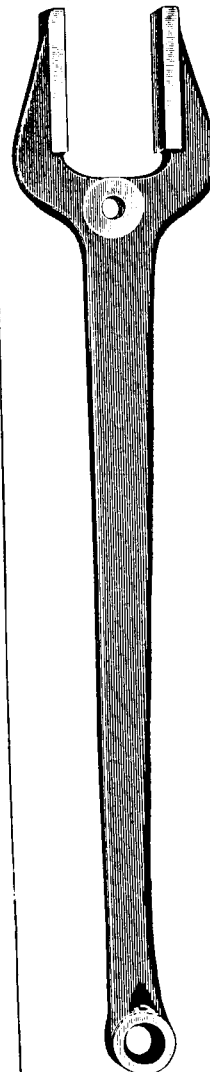
91217

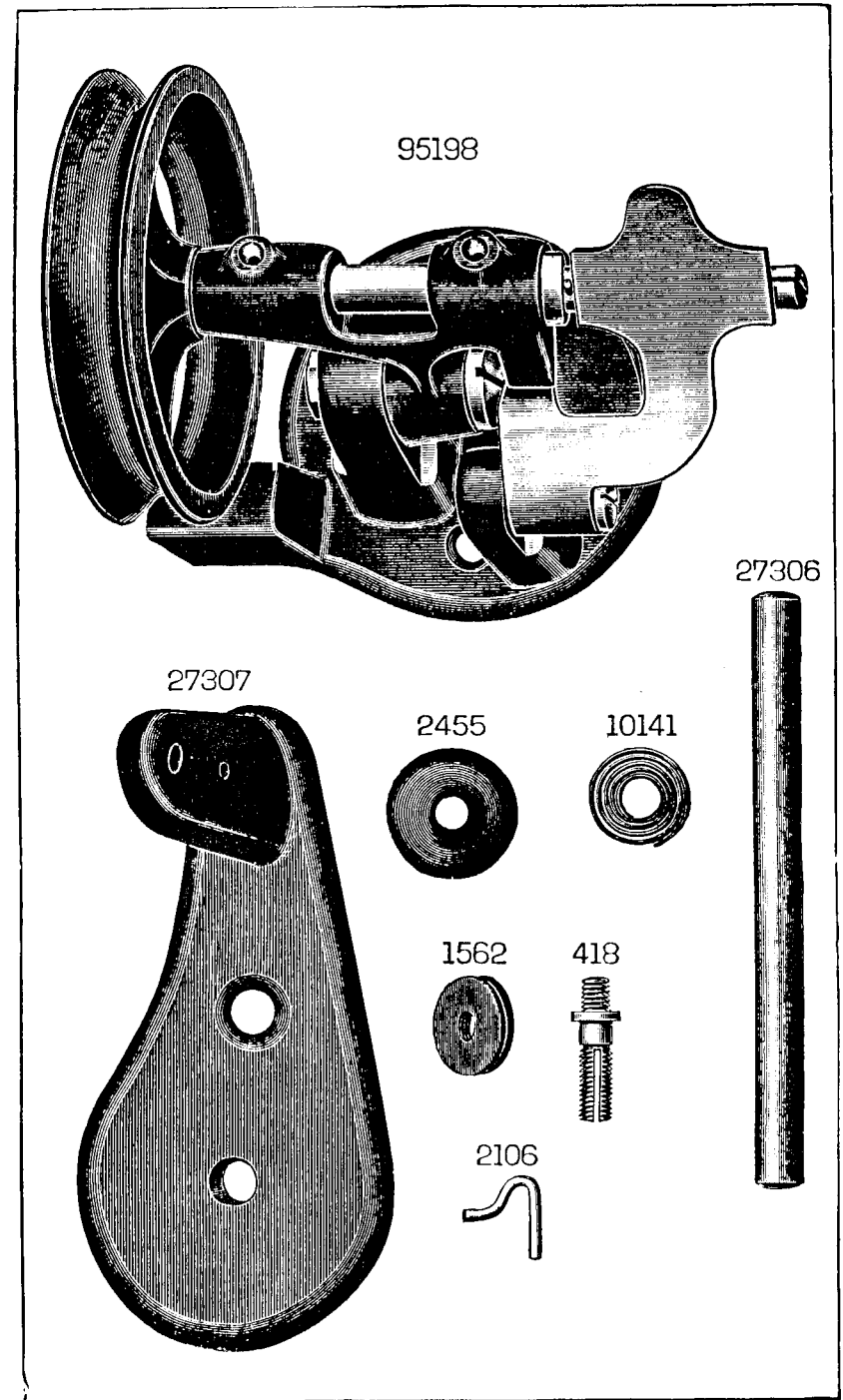
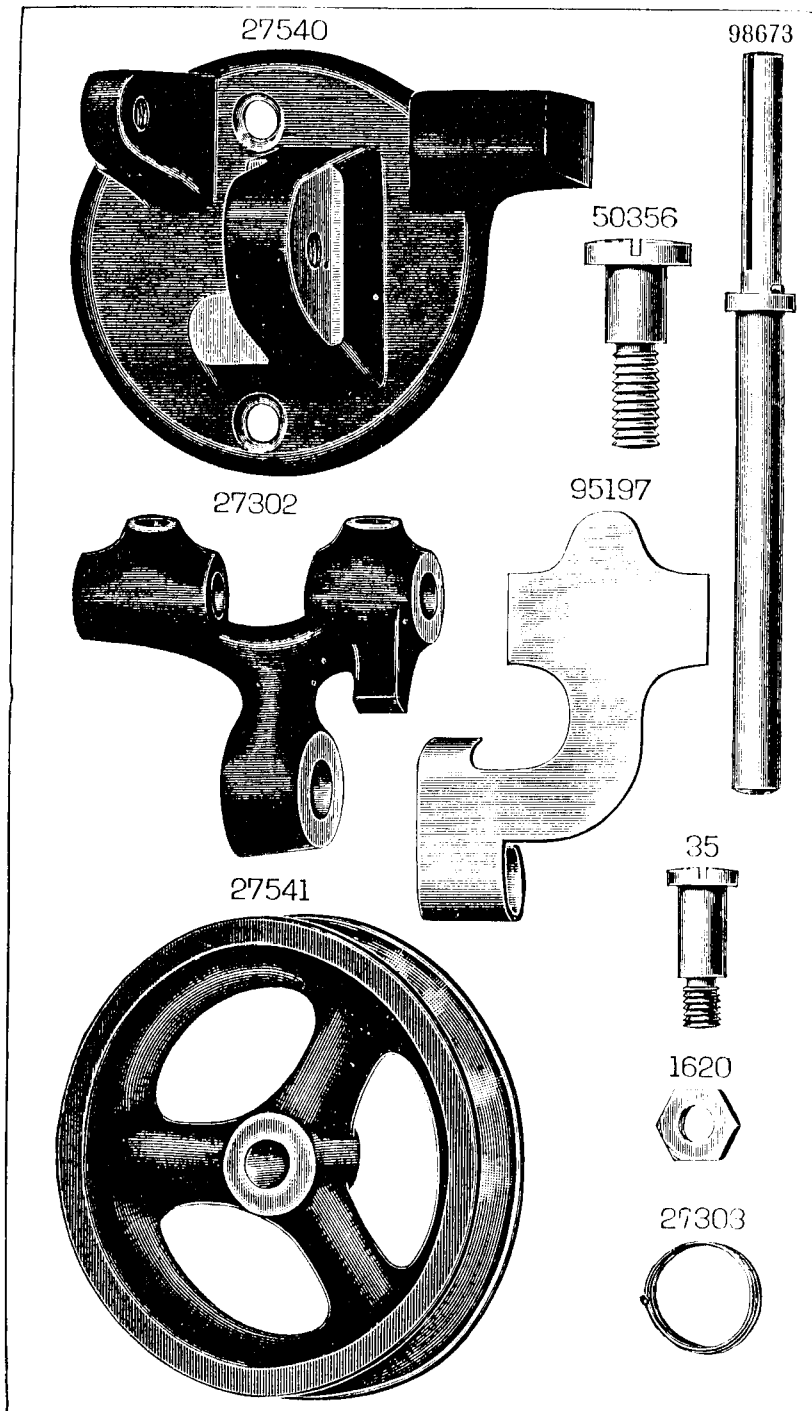


91042

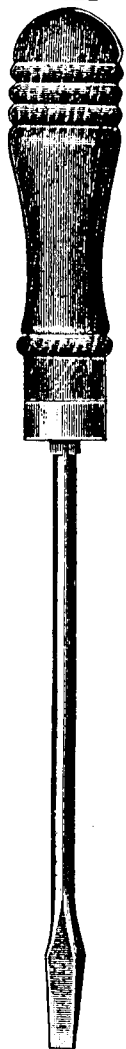


94953

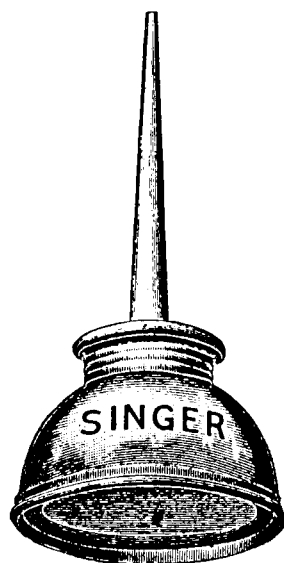




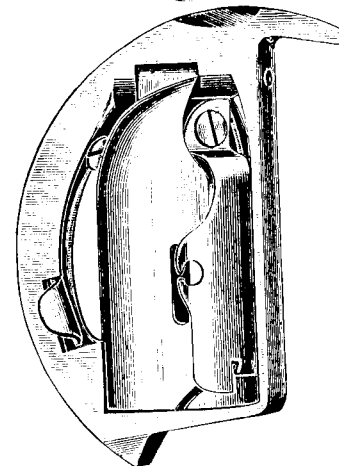
86611



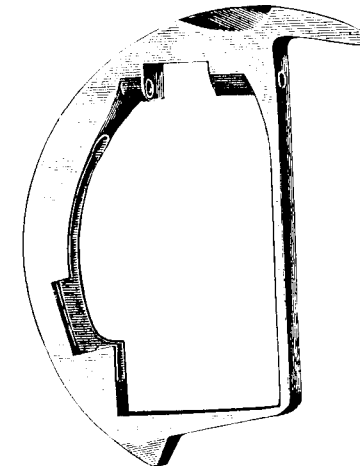
120342



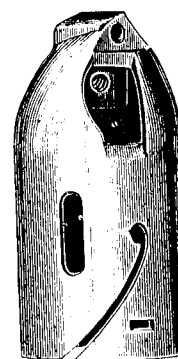
98622
(98623)



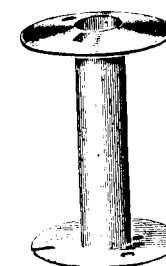
98620



95094



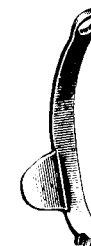
95093



95095



91043



91042

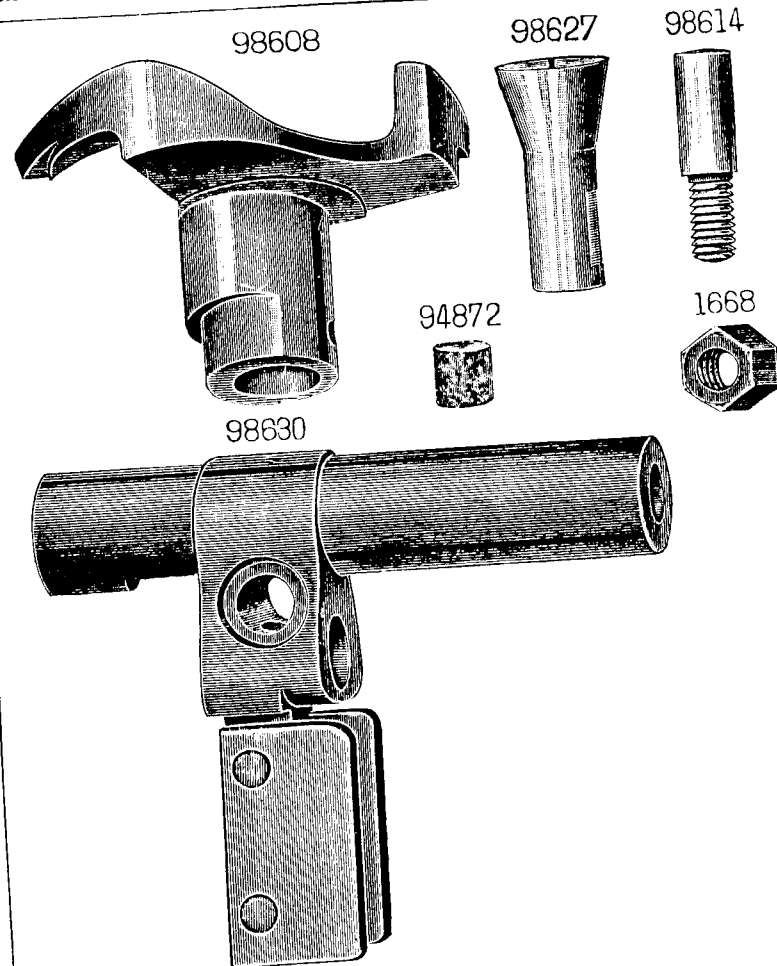
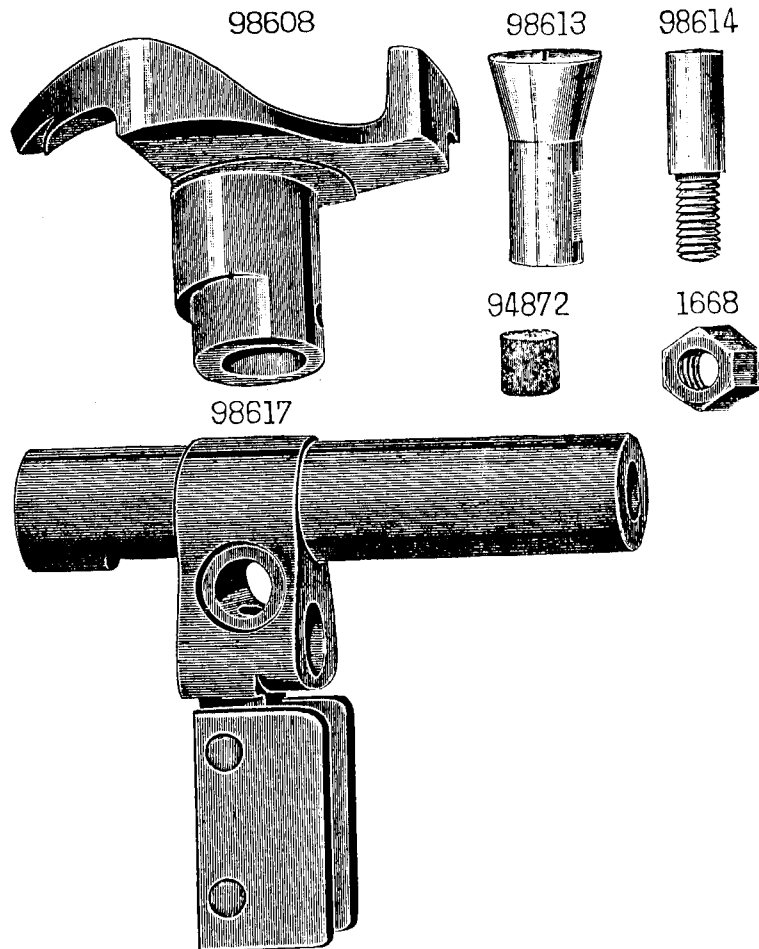


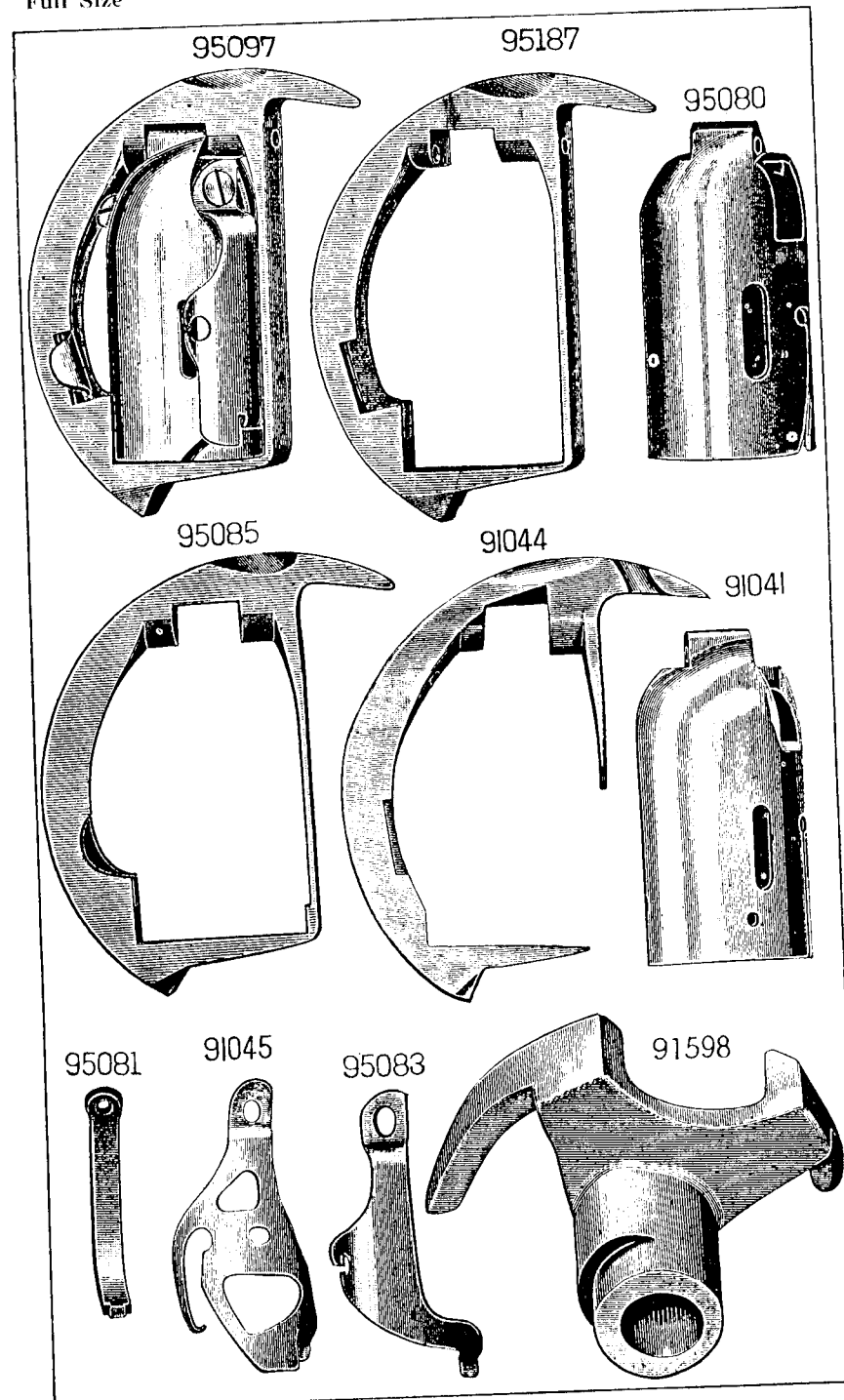
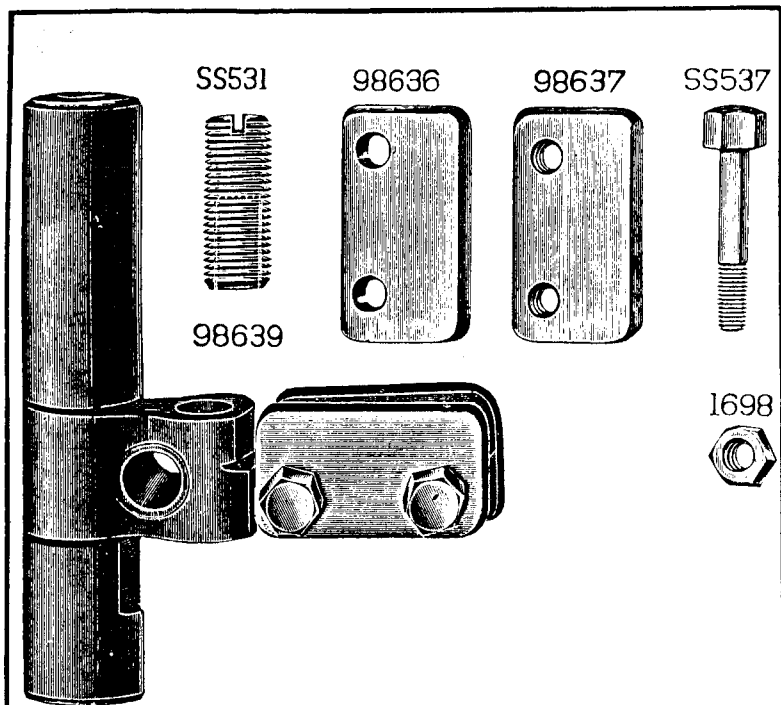
SS377

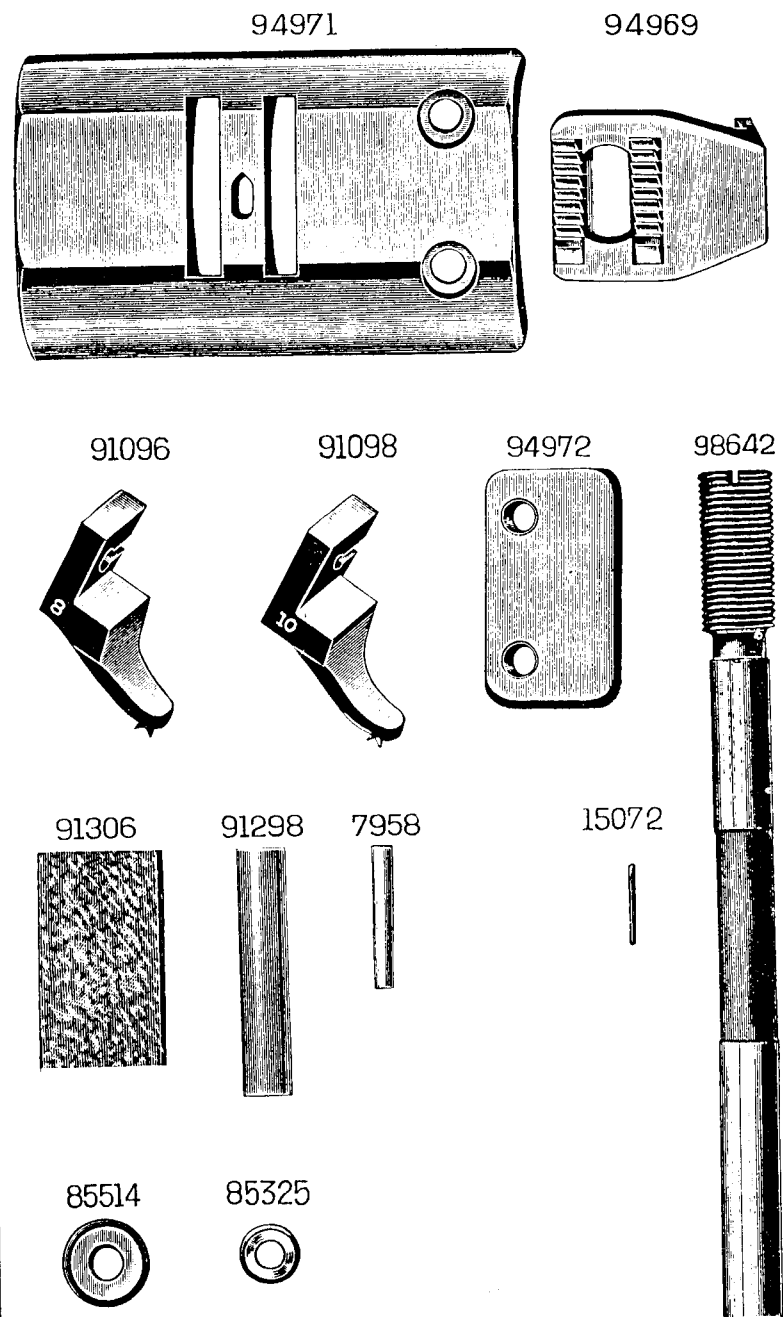
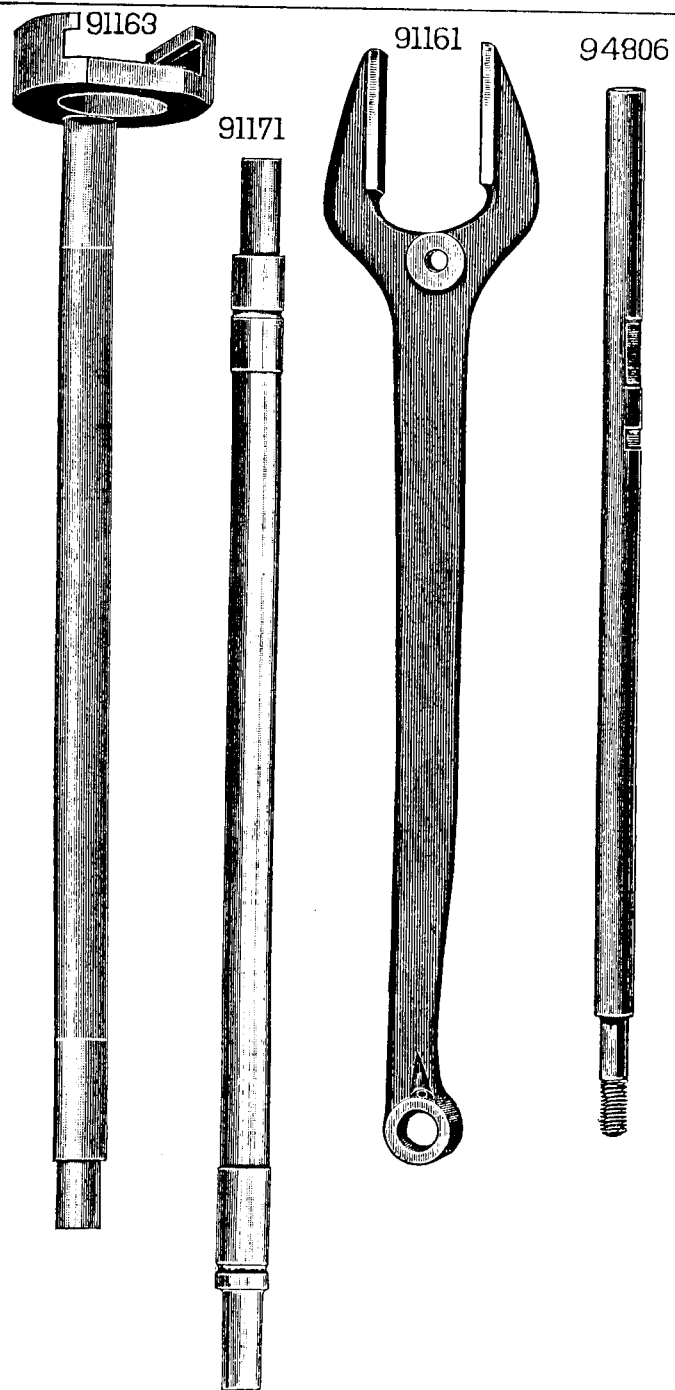


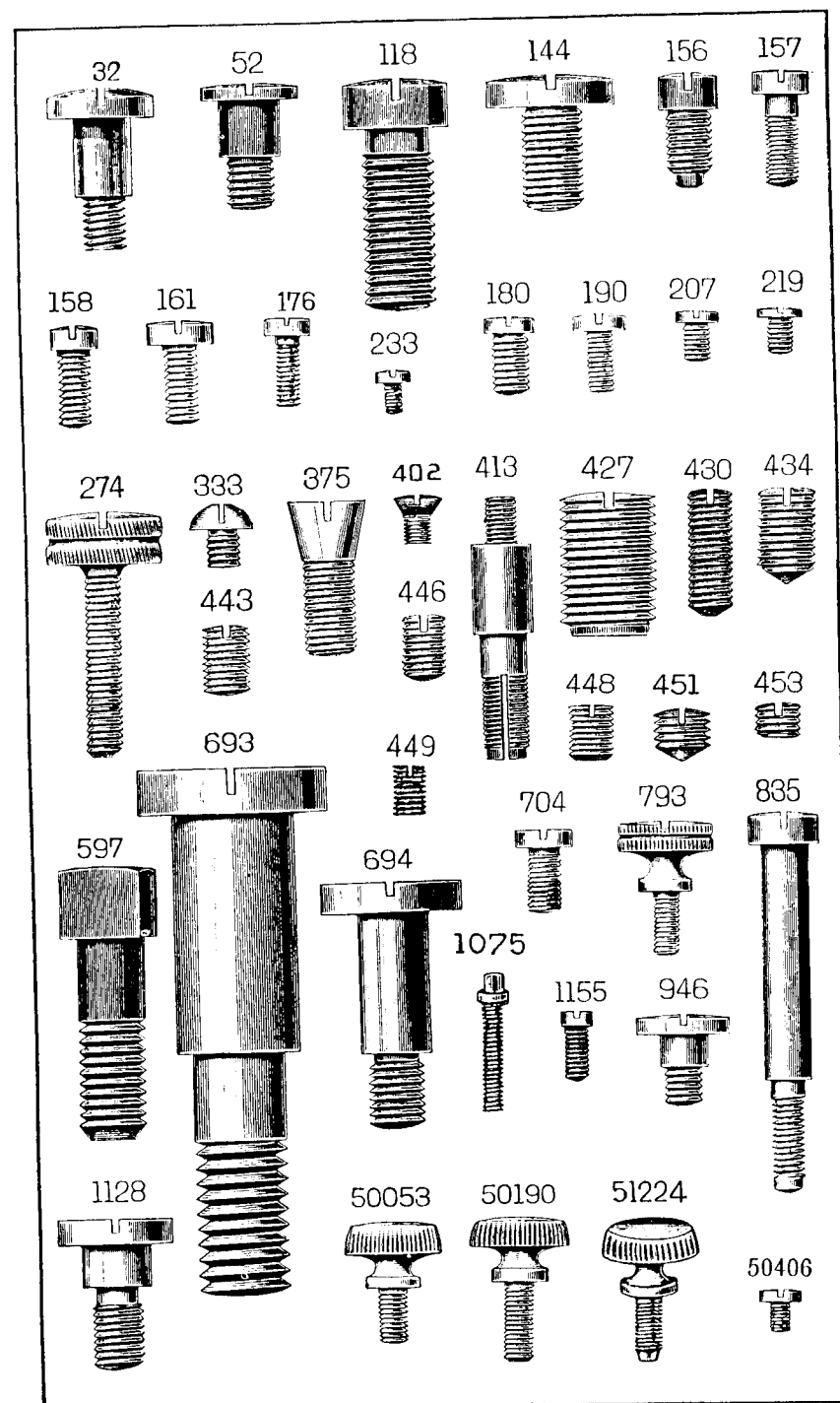
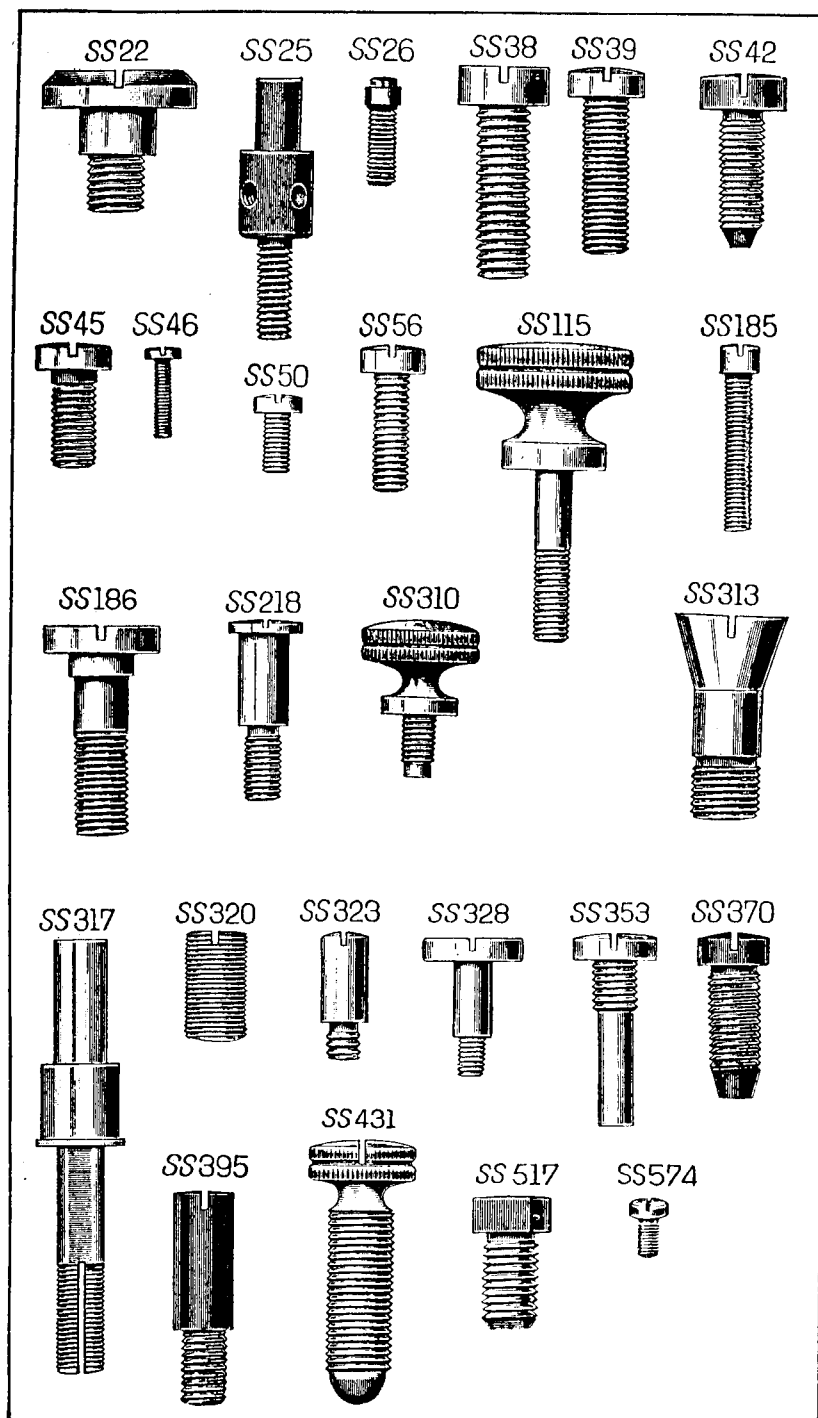
233

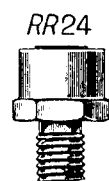
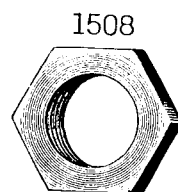
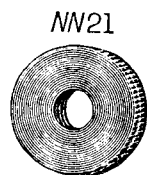












CONTENTS

	Page
Parts Complete for No. 45K56 Machine	53
" Special to No. 45K89 Machine	61
Accessories	61
Attachments	62
Bobbin Winders	65
Driving Attachment	67
Foot Lifter	66
Obsolete Parts	68
Numerical List of Parts	71

INSTRUCTIONS FOR ORDERING

In ordering from this List, the prefix and affix letters 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 affix letters (where shown) indicate the style of finish, as follows:—

- A. Hardened, Polished, Nickel Plated and Buffed.
- B. Polished, Nickel Plated and Buffed.
- C. Hardened only.
- D. Polished only.
- E. Soft, Not Polished.
- F. Hardened and Polished.
- G. Bright Rumbled and Nickel Plated.
- H. Blued.
- J. Nickel Plated only.
- K. Hardened and Nickel Plated.
- L. Brass Plated.
- M. Oxidized.
- R. Phosphate Coating Formed on Surface of Iron or Steel.
- S. Cadmium Plated.
- T. Copper Plated.
- U. Zinc Plated.
- V. Silver Plated.
- W. Polished and Nickel Plated.
- X. Black Oxide for Iron and Steel.
- Y. Black Nickel Plated only.
- Z. Chromium Plated.
- A.A. Buffed and Chromium Plated.
- A.B. Hardened, Polished, Buffed and Chromium Plated.
- A.E. Hardened, Bright Rumbled and Nickel Plated.
- A.F. Hardened, Bright Rumbled, Nickel Plated, Bright Rumbled and Chromium Plated.
- A.G. Alumilite (Plain).
- A.H. Alumilite (Dyed). Colour must be stated.
- A.J. Polished, Nickel Plated and Chromium Plated.
- A.K. Hardened, Polished, Nickel Plated and Chromium Plated.
- A.L. Heat Treated for Toughness.
- A.L.D. Heat Treated for Toughness and Polished.
- A.L.X. Heat Treated for Toughness and Black Oxide.
- A.S. Black Moulded Phenolic.
- A.T. Beige Moulded Phenolic.
- A.U. Brown Moulded Phenolic.
- A.W. Hardened then Flame Coated with Tungsten Carbide.
- B.A. Chrome Nickel, Satin Finish.
- B.B. Hardened and Chrome Nickel, Satin Finish.
- C.R. Hardened and Phosphate Coating Formed on Surface of Steel.
- C.U. Hardened and Zinc Plated.
- F.J. Hardened, Polished and Nickel Plated.
- T.A. Hardened, Polished, Copper and Nickel Plated and Buffed.
- T.B. Copper and Nickel Plated and Polished.
- T.J. Copper and Nickel Plated only.
- T.K. Hardened, Copper and Nickel Plated.
- T.L. Copper and Brass Plated.
- T.M. Copper Plated and Oxidized.
- X.C. Hardened and Black Oxide for Iron and Steel.
- Z.A. Hardened, Polished, Nickel Plated, Buffed and Chromium Plated.
- Z.B. Polished, Nickel Plated, Buffed and Chromium Plated.
- Z.C. Hardened and Chromium Plated.
- Z.D. Polished and Chromium Plated.
- Z.G. Bright Rumbled, Nickel Plated, Bright Rumbled and Chromium Plated.
- Z.J. Nickel and Chromium Plated.
- Z.T. Copper and Chromium Plated.

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

Parts Complete FOR No. 45K56 Machine (OBSOLETE)

Cylinder Bed, Drop Feed, Needle Bar Link, Vibrating and Climbing Presser.
For General Saddlery, Bag and Portmanteau, Rubber Heel Work, etc.

No.	Plate								
*91701		Arm with 446c, 82499 and 82549	...	...	...	...	...	...	...
8582	1149	" Dowel Pin (2)	...	...	...	...	...	...	...
118c	2151	" Screw (3)	...	...	...	...	...	...	...
91615	1063	Arm Shaft	...	...	...	...	...	...	...
82499	850	" " Bushing (back)	...	...	...	...	...	...	...
82549	1071	" " " (front)	...	...	...	...	...	...	...
446c	2151	" " " Set Screw for 82499	...	...	...	...	...	...	...
82400	851	" " Oil Tube	...	...	...	...	...	...	...
144c	2151	" " Screw	...	...	...	...	...	...	...
82402	847	Arm Side Cover	...	...	...	...	...	...	...
51224d	2151	" " " Thumb Screw	...	...	...	...	...	...	...
82403	851	" Spool Pin	...	...	...	...	...	...	...
*91463		Bed (Cylinder)	...	...	...	...	...	...	...
94801	1073	Crank Connecting Rod with 94802, 94872 and two 158c	...	...	...	...	...	...	...
*94802		" " " Cap	...	...	...	...	...	...	...
94872	1699	" " " Oil Pad	...	...	...	...	...	...	...
158c	2151	" " " Screw	...	...	...	...	...	...	...
98627	1741	" " " Hinge Stud	...	...	...	...	...	...	...
98614	1699	" " " " Cotter Pin	...	...	...	...	...	...	...
1668c	1699	" " " " " Nut	...	...	...	...	...	...	...

No.	Plate								
91574	847	Face Plate	...	...	...	...	...	...	...
SS45d	2150	"	"	Screw	...	...	...	...	...
SS317e	2150	"	"	Tension Screw Stud	...	...	...	...	...
1560d	2152	"	"	"	"	"	Regulating Thumb Nut	...	...
446e	2151	"	"	"	"	"	Set Screw	...	...
82445	854	"	"	"	"	"	Spring	...	...
82446	854	"	"	"	"	"	Washer (felt)	...	...
82447	854	"	"	"	"	"	(Steel)	...	...
82448	854	"	"	"	"	"	Wheel	...	...
82502	"	"	"	"	"	"	Tension, complete, Nos. SS317e, 1560d, 82445, 82448, two each 82446 and 82447	...	...
82551	1071	"	"	"	"	"	Thread Controlling Lever	...	...
82525	851	"	"	"	"	"	"	Spring	...
82455	851	"	"	"	"	"	"	Stop Pin	...
82450	851	"	"	"	"	"	Eyelet	...	...
SS50f	2150	"	"	"	"	"	Screw	...	...
82449	851	"	"	"	"	"	Guard	...	...
233d	2151	"	"	"	"	"	Screw	...	...
2102	851	"	"	"	"	"	Retainer Disc	...	...
*413e	2151	"	"	"	"	"	Screw Stud	...	...
33892	"	"	"	"	"	"	"	413e with 1560d	...
1560d	2152	"	"	"	"	"	"	Regulating Thumb Nut	...
2103	850	"	"	"	"	"	"	Spring	...
82503	"	"	"	"	"	"	Retainer, complete, Nos. 2103, 33892 and two 2102	...	...
91575	"	Face Plate, complete, Nos. SS50f, 233d, 446e, 82449, 82450, 82455, 82502, 82503, 82525, 82551 and 91574	...	...	...	...	...	...	...
3032	850	Feed Cam with 416e	...	...	...	...	...	...	...
446e	2151	"	"	Set Screw	...	...	...	...	...
52165	851	Feed Connecting Link	...	...	...	...	...	...	...
375e	2151	"	"	"	"	"	Hinge Screw (2)	...	...
1518e	2152	"	"	"	"	"	Nut (2)	...	...
91541	856	Feed Dog for Angular Stitch Work	...	...	...	...	...	...	...
91486	828	"	"	"	"	"	Bag Handle Work	...	...
91540	865	"	"	"	"	"	Football Work	...	...
91576	1075	"	"	"	"	"	General Work	...	...
91538	865	"	"	"	"	"	(single row of teeth, coarse) for Leather Bag, Port-manteau and Motor Tyre Work	...	...
94969	2149	"	"	"	"	"	(double row of teeth, coarse) for Leather Bag, Port-manteau and Motor Tyre Work	...	...

No.	Plate								
91543	857	Feed Dog (single row of teeth, coarse) for Stitching Rings into Golf Bags	...	...	...	...	...	...	...
94970	"	"	"	(double row of teeth, fine) for Saddlery Work	...	...	...	...	...
<i>NOTE. No. 91576 is sent with this machine unless otherwise specified on order.</i>									
91160	849	Feed Dog Carrier	...	...	...	...	...	...	...
704e	2151	"	"	Screw	...	...	...	...	...
91161	2148	Feed Forked Connection	...	...	...	...	...	...	...
375e	2151	"	"	"	"	"	Hinge Screw	...	...
1518e	2152	"	"	"	"	"	Nut	...	...
82444	852	Feed Regulator	...	...	...	...	...	...	...
1128e	2151	"	"	"	"	"	Hinge Screw	...	...
SS145d	2150	"	"	"	"	"	Thumb Screw	...	...
91163	2148	Feed Rock Shaft	...	...	...	...	...	...	...
91565	"	"	"	"	"	"	91163 with 98674	...	...
98674	852	"	"	"	"	"	Crank with 156f and SS517e	...	...
SS517e	2150	"	"	"	"	"	Clamping Screw	...	...
156f	2151	"	"	"	"	"	Position Screw	...	...
91190	852	Guide	...	...	...	...	...	...	...
793d	2151	"	"	Thumb Screw (2)	...	...	...	...	...
91611	"	Guide Holder	...	...	...	...	...	...	...
91603	"	"	"	Bracket	...	...	...	...	...
91217	1149	"	"	"	"	"	Hinge Pin	...	...
91604	"	"	"	"	"	"	Hinge Lever	...	...
946f	2151	"	"	"	"	"	Screw	...	...
91612	1075	Guide Holder (Swing), complete, Nos. 946f, 91217, 91603, 91604 and 91611	...	...	...	...	...	...	...
SS39d	2150	"	"	"	"	"	Binding Screw	...	...
91739	1070	Lifting Presser Plunger	...	...	...	...	...	...	...
8575	1070	"	"	"	"	"	Position Pin	...	...
RR54	851	"	"	"	"	"	Roller	...	...
SS323f	2150	"	"	"	"	"	Screw Stud	...	...
91740	"	Lifting Presser Plunger, complete, Nos. RR54, SS323f and 91739	...	...	...	...	...	...	...

No.	Plate								
82404		Machine Pulley (two speeds) with two 434c	...	...	...	...	...	...	...
91002		" " (" ") (heavy) with two 434c	...	...	...	...	...	...	...
434c	2151	" " Set Screw	...	...	...	...	...	...	...
<i>NOTE: - No. 82404 is sent with this machine unless Heavy is specified on order.</i>									
91580	847	Needle Bar	...	...	...	...	...	...	...
91022	851	" " Connection with two 158c	...	...	...	...	...	...	...
158c	2151	" " " Clamping Screw	...	...	...	...	...	...	...
91240	850	" " " Link	...	...	...	...	...	...	...
375c	2151	" " " " Hinge Screw	...	...	...	...	...	...	...
1518c	2152	" " " " " " Nut	...	...	...	...	...	...	...
82520	852	Needle Clamp	...	...	...	...	...	...	...
156f	2151	" " Screw	...	...	...	...	...	...	...
82521	852	" " Thread Eyelet	...	...	...	...	...	...	...
50406d	2151	" " " " Screw	...	...	...	...	...	...	...
82522	"	" " 82520, with 156f, 50406d and 82521	...	...	...	...	...	...	...
91796	1063	Oil Box	...	...	...	...	...	...	...
82459	1063	" " Cover	...	...	...	...	...	...	...
82460	1149	" " " Hinge Pin	...	...	...	...	...	...	...
80106	1071	" " " Latch Spring	...	...	...	...	...	...	...
219f	2151	" " " " " " Screw	...	...	...	...	...	...	...
82462	1071	" " " " " " Washer	...	...	...	...	...	...	...
82463	"	" " Oil Pad (cloth)	...	...	...	...	...	...	...
SS50f	2150	" " " " " " Screw	...	...	...	...	...	...	...
82462	1071	" " " " " " Washer	...	...	...	...	...	...	...
SS395f	2150	" " Stud Screw	...	...	...	...	...	...	...
SS42f	2150	" " " " " " Set Screw	...	...	...	...	...	...	...
91797	1063	Oil Box , complete, Nos. SS42f, SS50f, 219f, 80106, 82459, 82460, 82463, 91796 and two 82462	...	...	...	...	...	...	...
98639	2001	Oscillating Rock Shaft with 98636, 98637, two each SS537e and 1698c	...	...	...	...	...	...	...
98642	2149	" " " Hinge Pin	...	...	...	...	...	...	...
1513j	2152	" " " " " " Nut	...	...	...	...	...	...	...
SS531c	2001	" " " " " " Screw Bearing	...	...	...	...	...	...	...
1513j	2152	" " " " " " " Nut	...	...	...	...	...	...	...
98636	2001	" " " Steel Plate (bottom)	...	...	...	...	...	...	...
98637	2001	" " " " " " (top)	...	...	...	...	...	...	...
SS537e	2001	" " " " " " Binding Screw	...	...	...	...	...	...	...
1698c	2001	" " " " " " " " Lock Nut...	...	...	...	...	...	...	...

No.	Plate								
98641		Oscillating Rock Shaft , complete, Nos. 1668c, 98614, 98627 and 98639	...	...	...	...	...	...	...
91171	2148	Oscillating Shuttle Shaft	...	...	...	...	...	...	...
91172	849	" " " " Crank with 153c and 1850	...	...	...	...	...	...	...
11663	852	" " " " " Pin	...	...	...	...	...	...	...
1850	2152	" " " " " Roller and Stud	...	...	...	...	...	...	...
453c	2151	" " " " " Set Screw	...	...	...	...	...	...	...
91806	2148	Presser Bar (round)	...	...	...	...	...	...	...
91582	847	" " (flat) with 91169	...	...	...	...	...	...	...
SS185f	2150	" " (") Adjusting Screw	...	...	...	...	...	...	...
NN35d	2152	" " (") " " Lock Nut	...	...	...	...	...	...	...
52f	2151	" " (") Hinge Screw	...	...	...	...	...	...	...
91583	850	" " (") Locking Plate	...	...	...	...	...	...	...
SS353d	2150	" " (") " " Screw	...	...	...	...	...	...	...
91595	850	" " (") Lower Guide Bracket with 157f and 91169...	...	...	...	...	...	...	...
157f	2151	" " (") " " " Clamping Screw	...	...	...	...	...	...	...
91169	852	" " (") " " " Retaining Spring Pin	...	...	...	...	...	...	...
RW41	2152	" " (") " " " Roller Screw and Stud	...	...	...	...	...	...	...
91113	851	" " (") Retaining Spring	...	...	...	...	...	...	...
91169	852	" " (") " " " Pin	...	...	...	...	...	...	...
91164	851	" " Automatic Thread Controller with 448c	...	...	...	...	...	...	...
448c	2151	" " " " " " Set Screw	...	...	...	...	...	...	...
91742	1070	Presser Bar Gripping Bracket	...	...	...	...	...	...	...
91743	1070	" " " " " " Block	...	...	...	...	...	...	...
91744	1070	" " " " " " Retaining Pin	...	...	...	...	...	...	...
91745	1070	" " " " " " Grip Lever	...	...	...	...	...	...	...
430al	2151	" " " " " " " Adjusting Screw	...	...	...	...	...	...	...
1520r	2152	" " " " " " " " Nut	...	...	...	...	...	...	...
91587	851	" " " " " " " Hinge Pin	...	...	...	...	...	...	...
91746	1070	" " " " " " Retaining Spring	...	...	...	...	...	...	...
1650c	2152	" " " " " " " Lock Nut	...	...	...	...	...	...	...
NN21d	2152	" " " " " " " Spring Thumb Nut	...	...	...	...	...	...	...
91747	---	Presser Bar Gripping Bracket , complete, Nos. 430al, 1520r, 91587 and 91742 to 91745	...	...	...	...	...	...	...

No.	Plate								
91590	850	Presser Bar Lifter							
SS186d	2150	"	"	"	"	Hinge Screw	...	...	...
1518e	2152	"	"	"	"	"	Nut	...	...
91591	850	Presser Bar Lifting Bracket with 443c and 1155e							
1155e	2151	"	"	"	"	Position Screw	...	...	...
443c	2151	"	"	"	"	Set Screw	...	...	...
91697	854	"	"	"	"	Tension Release	...	...	...
190f	2151	"	"	"	"	"	Binding Screw	...	...
91696	854	"	"	"	"	"	Bracket	...	...
190f	2151	"	"	"	"	"	Screw	...	...
91699		"	"	"	"	91591 with 91696, 91697 and four 190f			
91594	847	"	"	"	"	Cam	...	...	...
704c	2151	"	"	"	"	Screw	...	...	...
SS355e	850	"	"	"	"	Screw Bushing	...	...	...
91248	854	"	"	"	"	Spring (spiral)	...	...	...
8627	1073	"	"	"	"	(flat)	...	...	...
91715	1073	Presser Bar Spring (flat) for use with machine when fitted with Foot Lifter							
1539d	2152	"	"	"	"	Thumb Lock Nut	...	...	...
274d	2151	"	"	"	"	Screw	...	...	...
91499	828	Presser Feeding Foot (plain) with serrated toes, for Saddlery, Leather Bag, Portmanteau and Motor Tyre Work							
91550	854	Presser Foot (plain) with single toe serrated							
91596	854	"	"	"	"	two toes serrated	...	...	...
91548	854	"	"	"	"	with single point and serrated toe to left of needle	...	...	...
91552	856	"	"	"	"	for Angular Stitch Work	...	...	...
86142	837	"	"	"	"	Bag Handle Work	...	...	...
91554	857	"	"	"	"	Stitching Rings into Golf Bags	...	...	...

NOTE. No. 91550 is sent with this machine unless otherwise specified on order.

91092	---	Presser Foot Feed Point , $\frac{1}{8}$ " Square Stitch							
91093	---	"	"	"	"	$\frac{1}{8}$ " Twist Stitch	...	...	...
91094	---	"	"	"	"	$\frac{1}{8}$ " Square Twist	...	...	...
91095	---	"	"	"	"	$\frac{1}{8}$ " Twist Stitch	...	...	...

No.	Plate								
91096	2149	Presser Foot Feed Point , $\frac{1}{8}$ " Square Stitch							
91097		"	"	"	"	$\frac{1}{8}$ " Twist Stitch	...	...	...
91500	828	"	"	"	"	$\frac{1}{8}$ " Square Stitch, with serrated toe, for Saddlery Work	...	...	...
91098	2149	"	"	"	"	$\frac{1}{10}$ " Square Stitch	...	...	...
91099		"	"	"	"	$\frac{1}{10}$ " Twist Stitch	...	...	...
91501	828	"	"	"	"	$\frac{1}{10}$ " Square Stitch, with serrated toe, for Saddlery Work	...	...	...
91100		"	"	"	"	$\frac{1}{12}$ " Square Stitch	...	...	...
91101		"	"	"	"	$\frac{1}{12}$ " Twist Stitch	...	...	...
91502	828	"	"	"	"	$\frac{1}{12}$ " Square Stitch, with serrated toe, for Saddlery Work	...	...	...
91102		"	"	"	"	$\frac{1}{14}$ " Square Stitch	...	...	...
91103		"	"	"	"	$\frac{1}{14}$ " Twist Stitch	...	...	...

NOTE. Presser Foot Feed Points may be used with this machine, but are only supplied when specified on order and at an extra charge.

50190d	2151	Presser Foot Thumb Screw							
95093	1695	Shuttle Bobbin							
95094	1695	"	"	"	"	Cylinder	...	...	...
91042	1695	"	"	"	"	Hinge Pin	...	...	...
91043	1695	"	"	"	"	Latch Spring	...	...	...
SS574d	2150	"	"	"	"	Screw	...	...	...
98620	1695	"	"	"	"	Frame	...	...	...
95095	1695	"	"	"	"	Tension Spring	...	...	...
SS377f	1695	"	"	"	"	Adjusting Screw	...	...	...
98623	1695	Shuttle (Cylinder) $2\frac{1}{2}$ " diam., complete, Nos. SS377f, SS574d, 91042, 91043, 95093 to 95095 and 98620							
98608	1699	Shuttle Driver and Feed Raising Cam							
11663	852	"	"	"	"	Pin	...	...	...

NOTE. Shuttle Driver No. 98608 must be used in conjunction with Shuttle No. 98623 and vice versa. These new parts are not interchangeable with the old.

91451	827	Shuttle Race (cast iron)							
91315	849	"	"	"	"	Cap Spring	...	...	...
SS218d	2150	"	"	"	"	Screw	...	...	...
91452	827	"	"	"	"	Cover	...	...	...

No. 45K56 MACHINE PARTS

No.	Plate						
91430	849	Shuttle Race Ring	...	...	...	...	...
SS318e	849	" " " Position Screw Stud (2)	...	...	...	...	...
91709	-	Thread Take-up Cam with SS320c and SS370c	...	...	...	...	...
SS320c	2150	" " " Set Screw	...	...	...	...	...
SS370c	2150	" " " Timing Screw	...	...	...	...	...
91710	1071	" " " 91709 with 91594 and two 704c	...	...	...	...	...
91505	-	Thread Take-up Lever	...	...	...	...	...
SS22f	2150	" " " Hinge Screw	...	...	...	...	...
92814	1071	" " " Roller	...	...	...	...	...
SS328e	2150	" " " " Screw	...	...	...	...	...
RR24	2152	" " " " and Stud	...	...	...	...	...
1519e	2152	" " " " " " Nut	...	...	...	...	...
91507	850	Thread Take-up Lever, complete, Nos. RR24, SS328e, 1519e, 91505 and 92814	...	...	...	...	...
91557	856	Throat Plate for 91541	...	...	...	...	...
91508	828	" " " 91486 and 91538	...	...	...	...	...
91555	865	" " " (short) for 91540	...	...	...	...	...
91556	865	" " " (long) for 91540	...	...	...	...	...
91601	1075	" " " for 91576	...	...	...	...	...
94974	-	" " " (fine needle hole) for 94969 and 94970	...	...	...	...	...
94971	2149	" " " (coarse needle hole) for 94969 and 94970	...	...	...	...	...
91559	-	" " " for 91561	...	...	...	...	...
*91560	-	" " " Raised Plate for 91561	...	...	...	...	...
190c	2151	" " " " Screw for 91561	...	...	...	...	...
91561	857	" " " complete, Nos. 91559, 91560 and two 190c for	...	...	...	...	...
							91543
180f	2151	" " " Screw (2)	...	...	...	...	...

NOTE.—No. 91601 is sent with this machine unless otherwise specified on order.

94890		Work Plate for all Throat Plates except 91508 and 91555	...	...	...	...	...
94968	-	" " " 91508 and 91555	...	...	...	...	...
SS39d	2150	" " " Screw	...	...	...	...	...

NOTE.—No. 94890 or 94968 is supplied only when specified on order and at an extra charge.

Parts Special

TO

No. 45K89 Machine

Cylinder Bed, Reversible Drop Feed, Needle Bar Link, Vibrating and Climbing Presser. For General Saddlery, Bag and Portmanteau, Rubber Heel Work, etc.

This Machine is the same as 45K56, with the following exceptions:

No.	Plate						
*94951		Arm with 446c, 82499 and 82549	...	...	...	...	...
94952	1149	Feed Dog	...	...	...	...	...
94953	1150	Feed Forked Connection	...	...	...	...	...
94954	1149	Feed Regulator and Reverser	...	...	...	...	...
12333	1149	" " " Handle	...	...	...	...	...
12323	1149	" " " Friction Spring	...	...	...	...	...
835d	2151	" " " Screw	...	...	...	...	...
SS431e	2150	Feed Regulating Thumb Screw	...	...	...	...	...
1516e	1149	" " " " " Nut	...	...	...	...	...
94955	1149	Throat Plate	...	...	...	...	...
94968		Work Plate	...	...	...	...	...

NOTE. No. 94968 is supplied only when specified on order, and at an extra charge.

Accessories

		Instruction Book	...	...	...	...	...
51077c	849	Machine Bolt with 1524e, 3" x 1" (1)	...	...	...	...	...
6055	849	" " " Washer (1)	...	...	...	...	...
		Needles (6)	...	...	...	...	...
120342	1600	Oiler	...	...	...	...	...
86611	1600	Screw Driver (large)	...	...	...	...	...
120378	1149	Screw Driver (shuttle tension)	...	...	...	...	...
95093	1695	Shuttle Bobbin (2)	...	...	...	...	...
8908	1149	Wrench	...	...	...	...	...

Attachments

ATTACHMENT FOR SADDLERY WORK

No.	Plate								
85749	176	Base	...	...	...	...	...	...	...
85750	176	" Spring	...	...	...	...	...	...	...
85751	176	" " Regulator with SS310d	...	...	...	...	...	...	...
SS310d	2150	" " " Thumb Screw	...	...	...	...	...	...	...
207d	2151	" " Screw	...	...	...	...	...	...	...
85325	2149	" " " Washer	...	...	...	...	...	...	...
85752	176	Binder only, complete, Nos. 207d, 85325 and 85749 to 85751	...	...	...	...	...	...	...
85822	176	Combination Guide	...	...	...	...	...	...	...
85823	176	" " Base	...	...	...	...	...	...	...
161d	2151	" " Screw	...	...	...	...	...	...	...
85514	2149	" " " Washer	...	...	...	...	...	...	...
85824	176	Combination Guide, complete, Nos. 161d, 85514, 85822 and 85823	...	...	...	...	...	...	...
85535	176	Presser Foot	...	...	...	...	...	...	...
85829	176	Saddlery Attachment, complete, Nos. 85535, 85752 and 85824	...	...	...	...	...	...	...

ATTACHMENT FOR STITCHING BAG HANDLES

(Rope Inserted).

No.	Plate								
86264	842	Feed Dog	...	...	...	...	...	...	...
86265	842	Guide	...	...	...	...	...	...	...
86266	842	" Spring	...	...	...	...	...	...	...
703d	842	" Thumb Screw	...	...	...	...	...	...	...
86267	842	Presser Foot	...	...	...	...	...	...	...
86268	842	Throat Plate	...	...	...	...	...	...	...
86269	842	" " Guide	...	...	...	...	...	...	...
793d	2151	" " " Thumb Screw	...	...	...	...	...	...	...
86270	842	Throat Plate 86268 with 86269 and two 793d	...	...	...	...	...	...	...
86271	842	Attachment, complete, Nos. 86264 to 86267, 86270 and two 703d	...	...	...	...	...	...	...

BINDER (ADJUSTABLE) FOR LEATHER AND MOTOR CAR HOOD BINDING

No.	Plate								
86202	860	Base	...	...	...	...	...	...	...
86203	860	Guide (top)	...	...	...	...	...	...	...
86204		" (bottom) with 1075c	...	...	...	...	...	...	...
1075c	2151	" { " } Screw Stud	...	...	...	...	...	...	...
1536d	2152	" Regulating Thumb Nut	...	...	...	...	...	...	...
86205	860	Binder only, complete, Nos. 1536d and 86202 to 86204	...	...	...	...	...	...	...
91552	860	Presser Foot	...	...	...	...	...	...	...
86284	860	Binder, complete, Nos. 86205 and 91552	...	...	...	...	...	...	...

BINDER (ADJUSTABLE) FOR HORSE RUGS

No.	Plate								
86209	845	Base and Folder with SS25d	...	...	...	...	...	...	...
86210	845	" Guide Wire	...	...	...	...	...	...	...
50053d	2151	" " " Thumb Screw	...	...	...	...	...	...	...
SS25d	2150	" Screw Stud	...	...	...	...	...	...	...
86211	845	Guide (top)	...	...	...	...	...	...	...
NN19d	845	" Thumb Nut	...	...	...	...	...	...	...
85514	2149	" " " Washer	...	...	...	...	...	...	...
86212	845	Binder only, complete, Nos. NN19d, 50053d, 85514 and 86209 to 86211	...	...	...	...	...	...	...
86278	845	Feed Dog	...	...	...	...	...	...	...
86207	845	Presser Foot	...	...	...	...	...	...	...
86280	845	Throat Plate	...	...	...	...	...	...	...
86282	845	Binder, complete, Nos. 86207, 86212, 86278 and 86280	...	...	...	...	...	...	...

WELTING ATTACHMENT FOR BAGS, PORTMANTEAUX, Etc.

No.	Plate								
86138	837	Guide (plain)	...	...	...	...	...	...	...
86139		Base	...	...	...	...	...	...	...
86140		Adjusting Guide	...	...	...	...	...	...	...
233d	2151	" " Screw	...	...	...	...	...	...	...
86141	837	Welting Guide, complete, Nos. 233d, 86139 and 86140	...	...	...	...	...	...	...
86142	837	Presser Foot	...	...	...	...	...	...	...
86143	837	Welting Attachment, complete, Nos. 86138, 86141 and 86142	...	...	...	...	...	...	...

WELTING ATTACHMENT FOR CARRIAGE CUSHIONS

No.	Plate	
85495		Base and Folder
85496		Top Guide
50053d	2151	" " Thumb Screw
85497	836	Welter only, complete, Nos. 50053d, 85495 and 85496
86144	836	Presser Foot (grooved for cord)
86145	836	Welting Attachment , complete, Nos. 85497 and 86144

WELTING ATTACHMENT (ADJUSTABLE) FOR CARRIAGE CUSHIONS

No.	Plate	
86214	859	Welter Base Guide
86215	859	" Braid Guide with SS26e
207d	2151	" " " Screw
85325	2149	" " " Washer
SS26e	2150	" " " Stud
NN44d	859	" " " " Thumb Nut
86216	859	" Cord Guide
449c	2151	" " " Set Screw
86217	859	Welter only, complete, Nos. NN44d, 207d, 449c, 85325 and 86214 to 86216
86144	836	Presser Foot (grooved for cord)
86285	859	Welting Attachment , complete, Nos. 86144 and 86217

WELTING ATTACHMENT FOR LEATHER BAGS, PORTMANTEAUX, Etc.

No.	Plate	
86286	859	Welt Guide
86287	859	" " Base
703d	859	" " Thumb Screw
91547	859	Presser Foot
86288	859	Welting Attachment , complete, Nos. 86286, 86287, 91547 and two 703d

WELTING ATTACHMENT FOR HEAVY BOOTS

No.	Plate	
91552	860	Presser Foot
86135	860	Guide (plain)
86127	860	Welt Guide
86289	860	Welting Attachment , complete, Nos. 86127, 86135 and 91552

Bobbin Winders

BOBBIN WINDER (FRICTION) FOR FAST WHEEL MACHINES

No.	Plate	
82527	838	Bracket
SS56d	2150	" Screw
82528	838	Frame
32d	2151	" Hinge Screw
5960	1076	Friction Wheel (leather)
5961	1076	" " Washer
333r	2151	" " " Screw
91446	838	Spindle with 15072
15072	2149	" Bobbin Position Pin
5963	1076	" Flange
91447	838	Frame, complete, Nos. 333r, 5960, 5961, 5963, 82528 and 91446
82537	838	Spring
161d	2151	" Screw
82538	838	" " Washer
91448		Bobbin Winder , complete, Nos. 32d, 161d, 82527, 82537, 82538 and 91447

NOTE: No. 91448 is supplied with these machines unless otherwise specified on order.

BOBBIN WINDER (FRICTION) FOR MACHINE WITH DRIVING ATTACHMENT

This Bobbin Winder is the same as 91448 with the following exceptions:

No.	Plate	
91476	838	Bracket
91477		Bobbin Winder , complete, Nos. 32d, 161d, 82537, 82538, 91447 and 91476

BOBBIN WINDER (SWINGING AUTOMATIC, RIGHT HAND) FOR 95093

No.	Plate	
27540	1487	Base
		" Screw (wood) 1" No. 7 R.H.
27302	1487	Frame
50356b	1487	" Hinge Screw
1620j	1487	" " " Nut
27303	1487	" Spring
27541	1487	Pulley
98673	1487	Spindle with 15072
15072	2149	" Bobbin Position Pin

BOBBIN WINDERS

No.	Plate								
27306	1488	Spool Pin	...	...	...	...	...	...	...
27307	1488	" Stand	...	...	...	...	...	...	...
†27308	...	" " 27307 with 118d, 1562j, 2106, 10141, 27306, two each 2155 and wood screws 1" No. 10	...	...	...	...	...	...	...

†As No. 27308 can be supplied either Plated or Japanned, it is necessary, when ordering, to state which is required.

95197	1487	Stop Latch	...	...	...	...	...	...	...
35d	1487	" " Hinge Screw	...	...	...	...	...	...	...
2155	1488	Tension Disc	...	...	...	...	...	...	...
1562j	1488	" Regulating Thumb Nut	...	...	...	...	...	...	...
118d	1488	" Screw Stud	...	...	...	...	...	...	...
10141	1488	" Spring	...	...	...	...	...	...	...
2106	1488	Thread Guide	...	...	...	...	...	...	...
95198	1488	Bobbin Winder, Nos. 35d, 1620j, 27302, 27303, 27540, 27541, 50356b, 95197, 98673 and two wood screws 1" No. 7 R.H.L.	...	...	...	...	...	...	...
95199		Bobbin Winder , complete, Nos. 27308 and 95198	...	...	...	...	...	...	...

Foot Lifter

No.	Plate								
91716	1063	Arm Lever	...	...	...	...	...	...	...
694d	2151	" " Hinge Screw	...	...	...	...	...	...	...
91457	755	Foot Lever with 176e	...	...	...	...	...	...	...
91459	755	" " Bracket	...	...	...	...	...	...	...
17881	755	" " " Hinge Pin	...	...	...	...	...	...	...
		" " " Screw (wood), 1" No. 12	...	...	...	...	...	...	...
91458	755	" " Extension	...	...	...	...	...	...	...
176e	2151	" " " Set Screw	...	...	...	...	...	...	...
98626	755	" " Spring	...	...	...	...	...	...	...
91454		Foot Lever only, complete, Nos. 17881, 91457 to 91459, 98626 and two wood screws 1" No. 12	...	...	...	...	...	...	...
17877	755	Foot Lever Pitman Rod (lower)	...	...	...	...	...	...	...
17878	755	" " " " (upper)	...	...	...	...	...	...	...
17879	755	" " " " Clamp with two 161d	...	...	...	...	...	...	...
161d	2151	" " " " Screw	...	...	...	...	...	...	...
17880	755	Foot Lever Pitman Rod, complete, Nos. 17877 to 17879	...	...	...	...	...	...	...
91453	755	" " " Connecting Hook (7" long)	...	...	...	...	...	...	...
91455		Foot Lever, complete, Nos. 17880 and 91454	...	...	...	...	...	...	...
91456		Foot Lifter , complete, Nos. 694d, 91453, 91455 and 91716	...	...	...	...	...	...	...

Driving Attachment

No.	Plate								
91473	861	Balance Wheel with 434c, 451c, 91475 and four 102e	...	...	...	...	...	...	...
91474	861	" " Friction Pulley (two-speeds) with 448c and 91294	...	...	...	...	...	...	...
91294	861	" " " " Centre Bearing	...	...	...	...	...	...	...
91475	861	" " " " Ring (cardboard)	...	...	...	...	...	...	...
102e	2151	" " " " Screw	...	...	...	...	...	...	...
448c	2151	" " " " Set Screw	...	...	...	...	...	...	...
434c	2151	" " " " Set Screw (long)	...	...	...	...	...	...	...
451c	2151	" " " " (short)	...	...	...	...	...	...	...
91301	861	Lever, with 7958 and 91306	...	...	...	...	...	...	...
91302	861	" Bracket	...	...	...	...	...	...	...
SS38c	2150	" " Screw	...	...	...	...	...	...	...
91303	861	" Centre Plug (wood)	...	...	...	...	...	...	...
427c	2151	" " " Adjusting Screw	...	...	...	...	...	...	...
1508c	2152	" " " " Nut	...	...	...	...	...	...	...
91306	2149	" Friction Pad (leather)	...	...	...	...	...	...	...
693d	2151	" Hinge Screw	...	...	...	...	...	...	...
NN28c	861	" " " Nut	...	...	...	...	...	...	...
91307	861	" Spring	...	...	...	...	...	...	...
161d	2151	" " Screw	...	...	...	...	...	...	...
7958	2149	" " " Pin	...	...	...	...	...	...	...
91309		Lever, complete, Nos. NN28c, 161d, 427c, 693d, 1508c, 91301 to 91303, 91307 and two SS38c	...	...	...	...	...	...	...
84275		Shaft Pulley (sectional, grooved), 10" diam., with two 597c	...	...	...	...	...	...	...
597c	2151	" " Clamping Screw	...	...	...	...	...	...	...
91296	755	Starting Lever	...	...	...	...	...	...	...
91297	755	" " Bracket	...	...	...	...	...	...	...
91298	2149	" " " Hinge Pin	...	...	...	...	...	...	...
		" " " Screw (wood) 1 1/4" No. 15	...	...	...	...	...	...	...
91299	755	Starting Lever, Nos. 91296 to 91298 and three wood screws 1 1/4" No. 15	...	...	...	...	...	...	...
17877	755	Starting Lever Pitman Rod (lower)	...	...	...	...	...	...	...
17878	755	" " " " (upper)	...	...	...	...	...	...	...
17879	755	" " " " Clamp with two 161d	...	...	...	...	...	...	...
161d	2151	" " " " Screw	...	...	...	...	...	...	...
17880	755	Starting Lever Pitman Rod, complete, Nos. 17877 to 17879	...	...	...	...	...	...	...
91460		Starting Lever and Pitman, complete, Nos. 17880 and 91299	...	...	...	...	...	...	...
91478		Driving Attachment , complete, Nos. 84275, 91309, 91460, 91473 and 91474	...	...	...	...	...	...	...

Obsolete Parts

FOR

No. 45K56 Machine

No.	Plate	
91408	847	Arm Shaft
82399	847	" " Bushing (front)
91317	847	Crank Connecting Rod with 91005, 91872 and two 158c
*91005	"	" " " " Cap
SS313c	2150	" " " " Hinge Screw
SS45d	2150	" " " " Set Screw
91577	851	Lifting Presser Plunger
91579		Lifting Presser Plunger, complete, Nos. 8454, SS323f and 91577
91440	849	Oscillating Rock Shaft with 91025, 91972 and two 91026
98617	1699	" " " " 91025, 91972 and two 91026
98630	1741	" " " " 91025, 91972 and two 91026
91025	1070	" " " " Steel Plate (bottom)
94972	2149	" " " " " (top)
91026	1070	" " " " " Rivet
91584	851	Presser Bar Gripping Bracket
91585	851	" " " " Grip Collar
91586	851	" " " " " Lever
91692		" " " " 91584 with 575c, 1520f 91586 and 91587
91588	851	" " " " Grip Retaining Spring
91592	850	" " Lifting Bracket Tension Release
91593	"	" " " " 91591 with 91592 and two 190f
82430	851	" " Spring
91041	2147	Shuttle Cylinder
91044	2147	" Frame
91045	2147	" Tension Spring
SS46f	2150	" " " Adjusting Screw
95080	2147	" Cylinder
95081	2147	" " Latch Spring
233f	2151	" " " " Screw
95085	2147	" Frame
95083	2147	" Tension Spring
95187	2147	" Frame
95097	2147	Shuttle (Cylinder) 2½" diam., complete, Nos. 233f, SS377f, 91042, 91043, 95093 to 95095 and 95187

No.	Plate	
91173		Shuttle Driver and Feed Raising Cam
91598	2147	" " " " " " " "

NOTE. Obsolete Shuttle, Shuttle parts and Shuttle Drivers are not interchangeable with the new style parts, and No. 95097 must be used in conjunction with No. 91598.

82543	851	Thread Controlling Lever
91599	---	Thread Take-up Cam with SS320c and 1065c
91600	847	" " " 91599 with 91594 and two 701c