

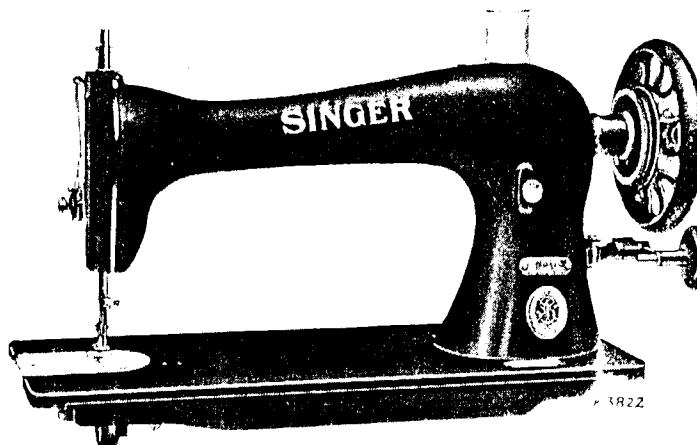
# **SINGER**

## **16K**

Form K5697  
Sup'des K589 and K2400  
(1046)

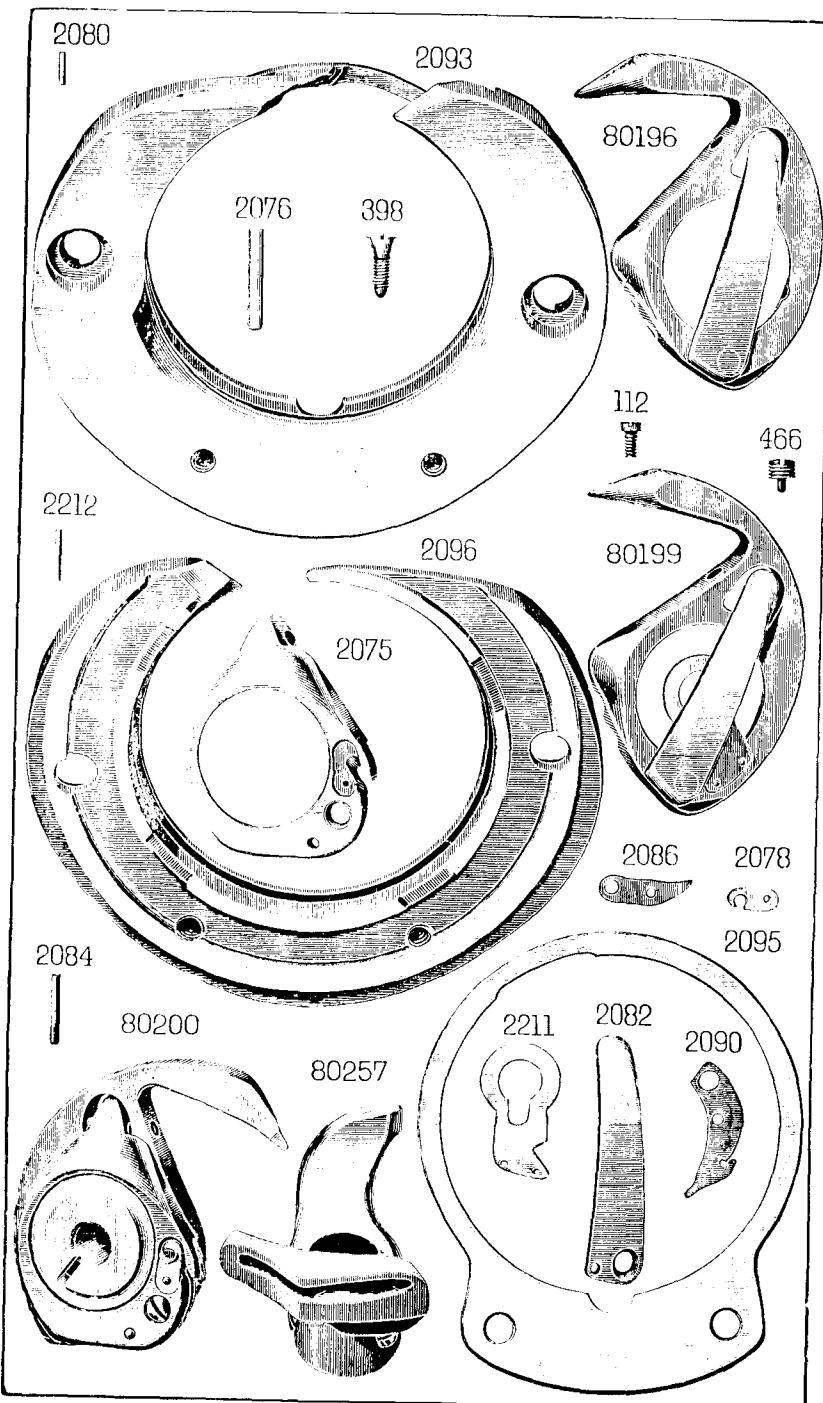
ILLUSTRATED  
LIST OF PARTS  
FOR  
CLASS 16K MACHINES

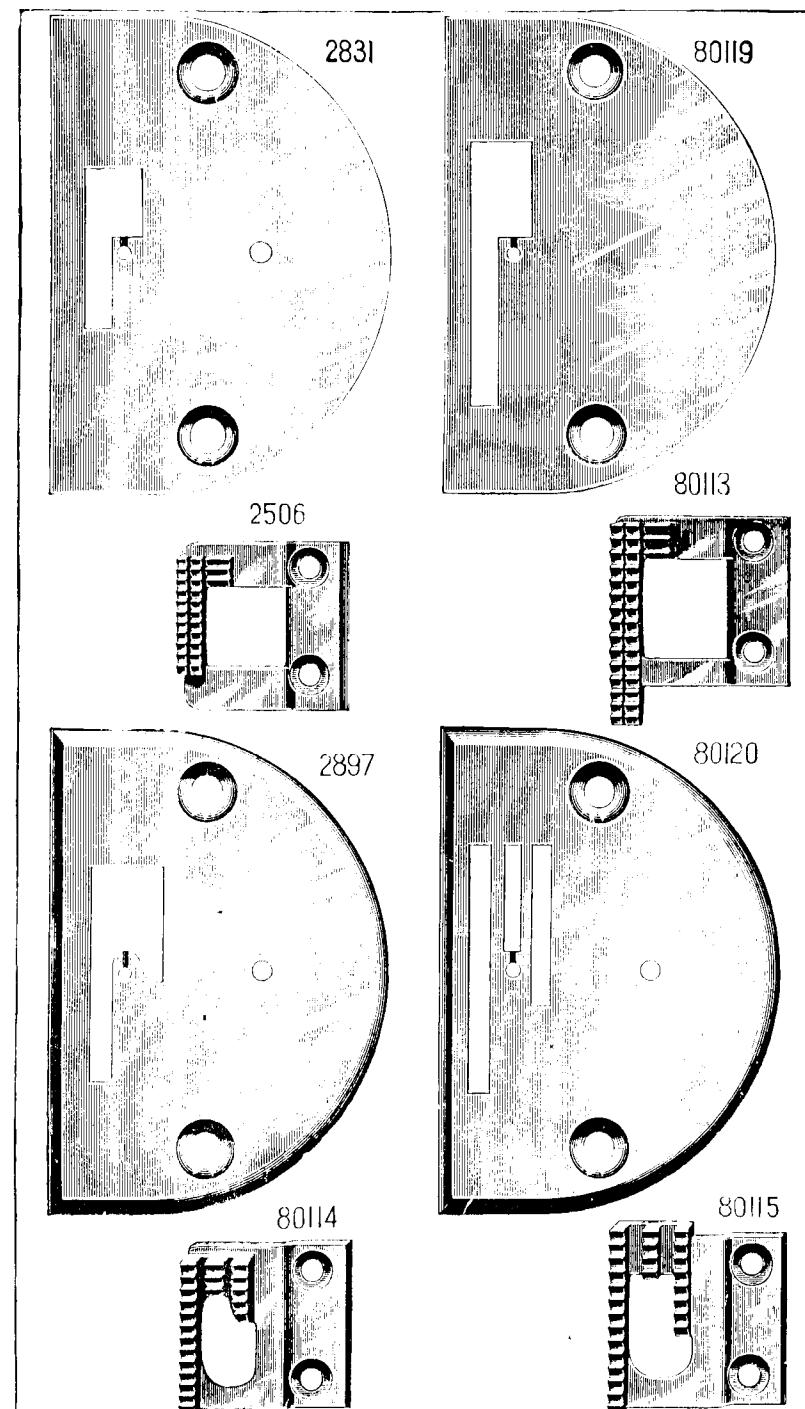
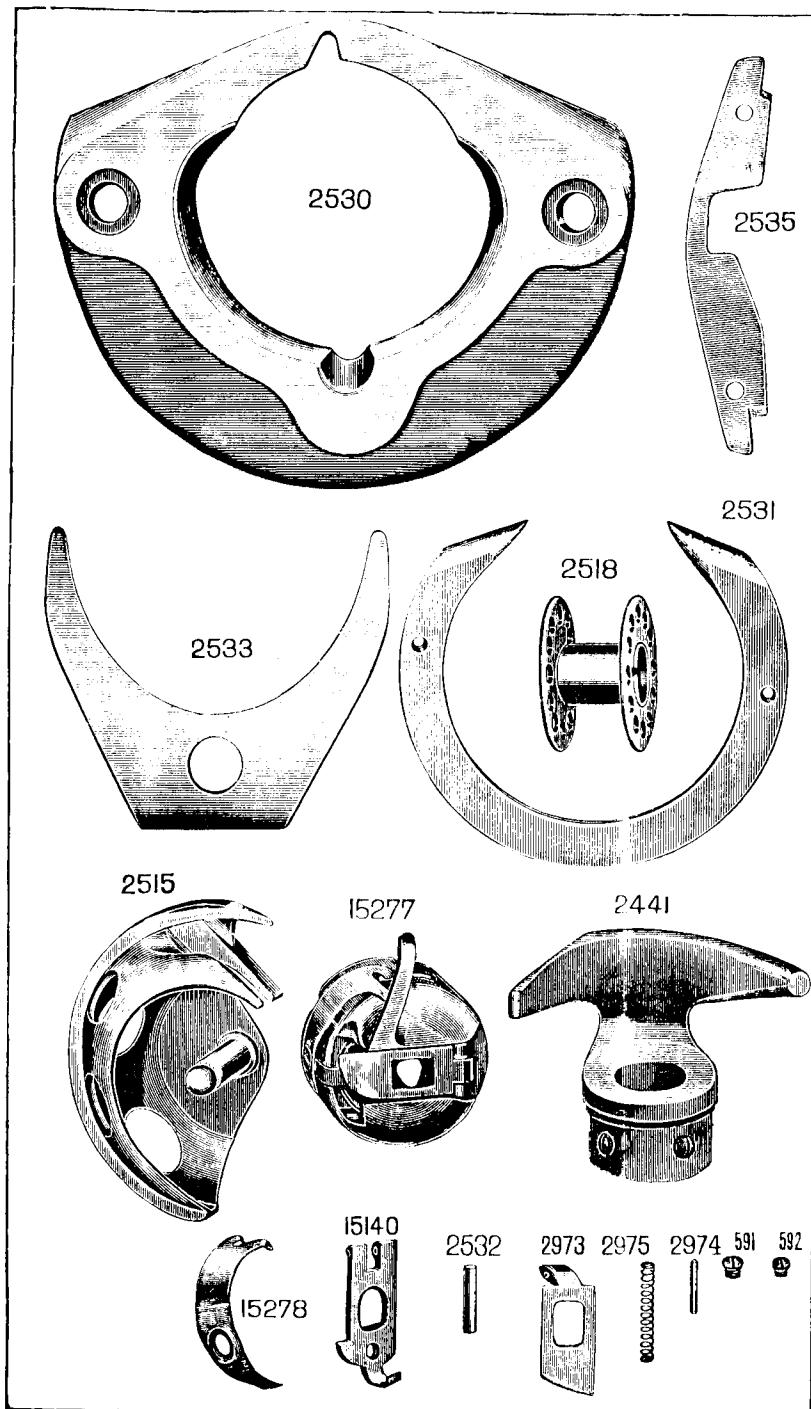
(Nos. 16K25, 16K28, 16K33, 16K39, 16K53,  
16K55, 16K104, 16K107, 16K110, 16K111,  
16K113, 16K116, 16K117, 16K119 and 16K121.)

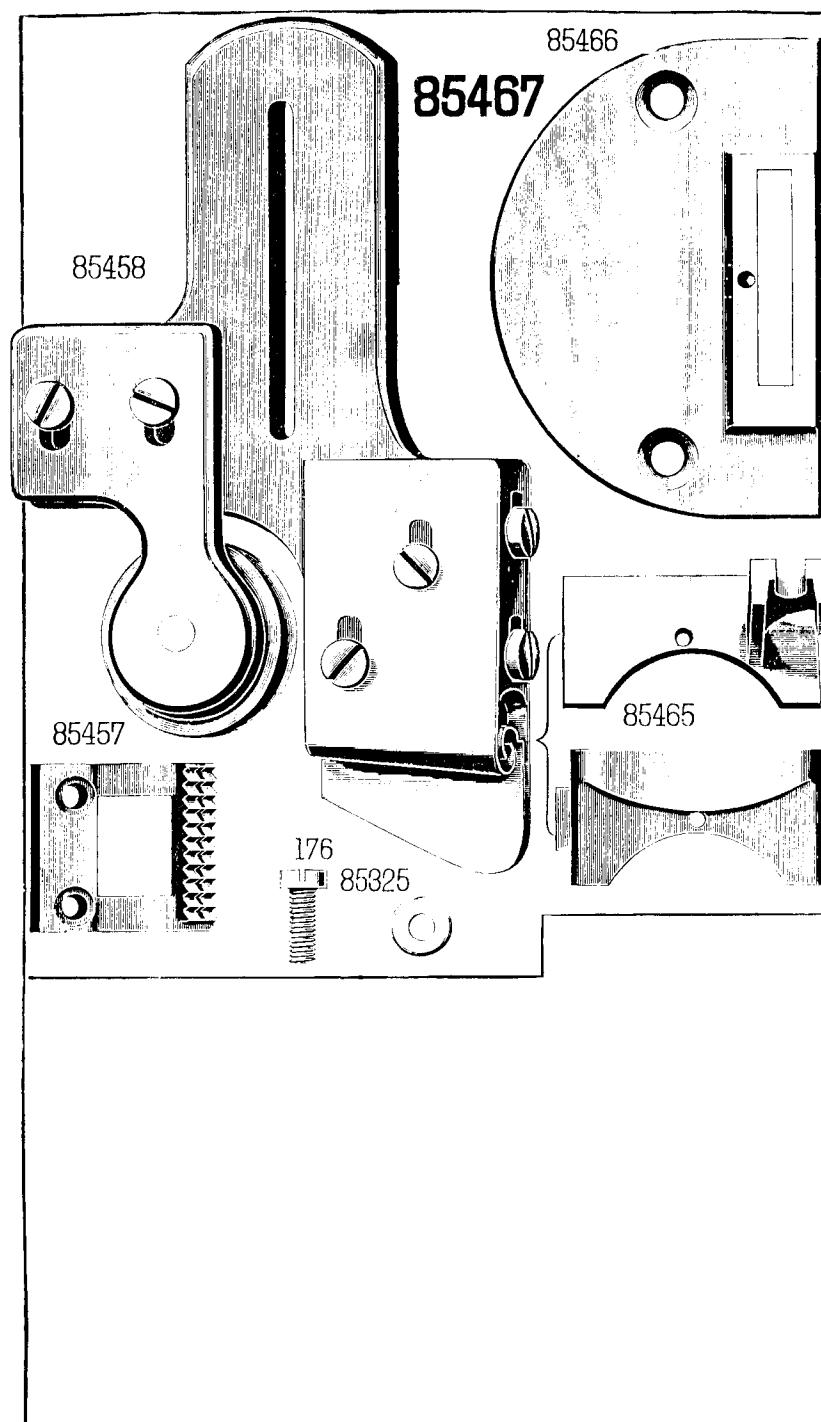
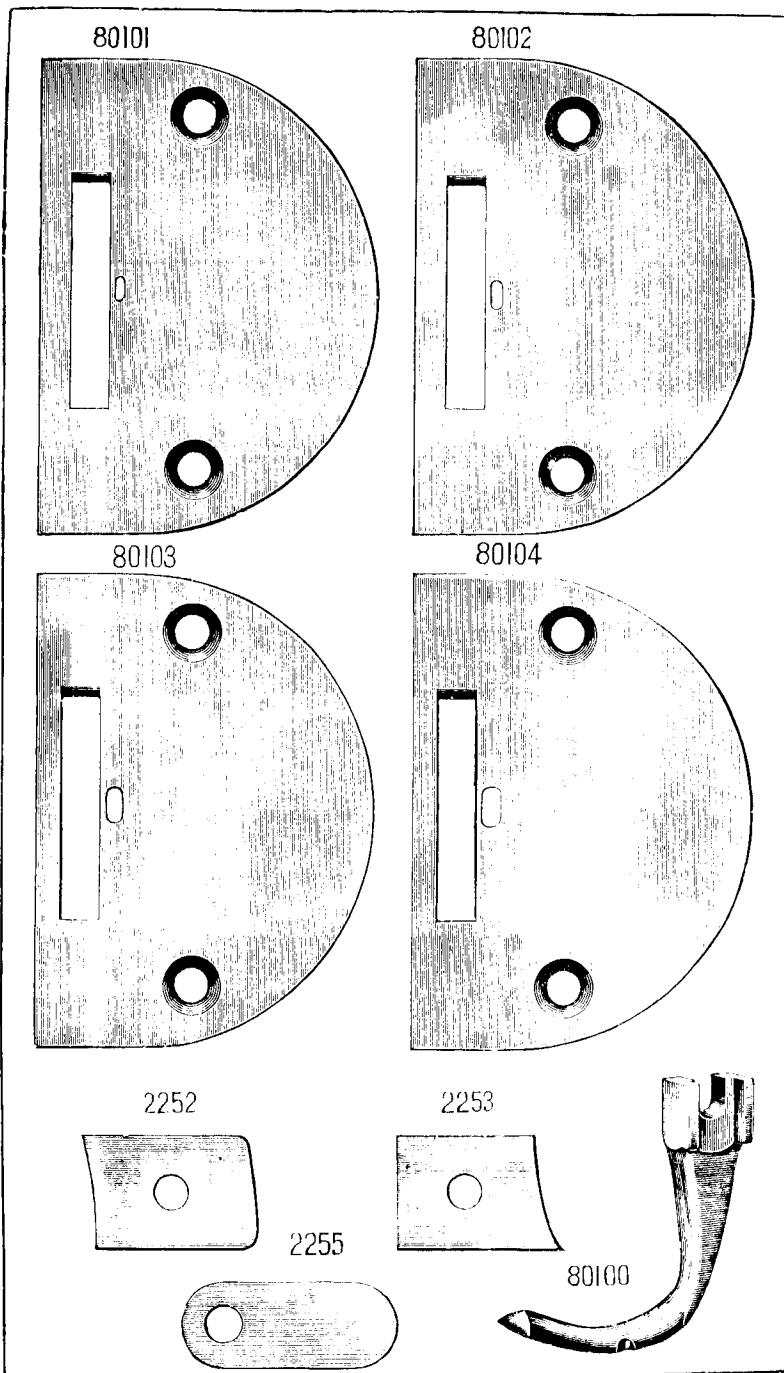


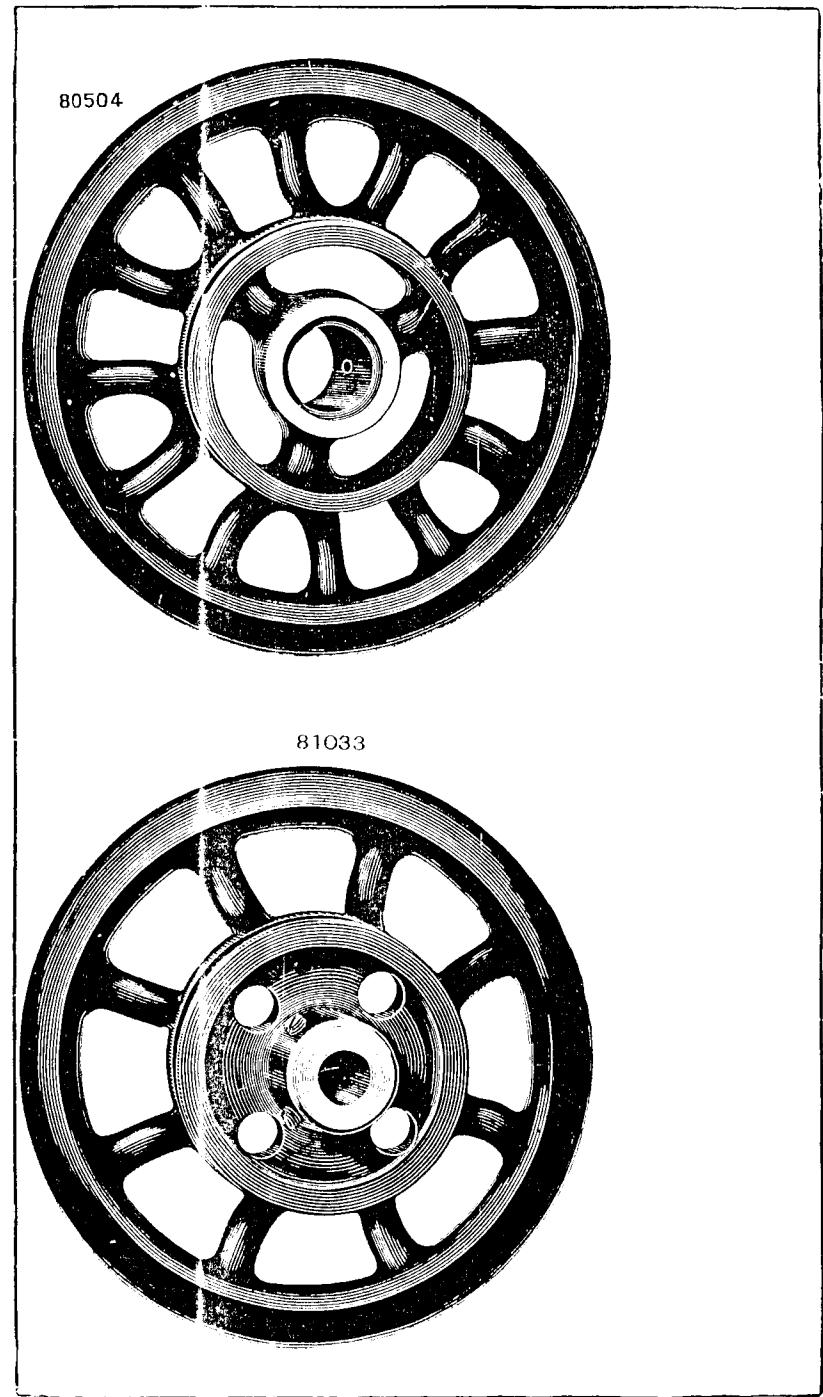
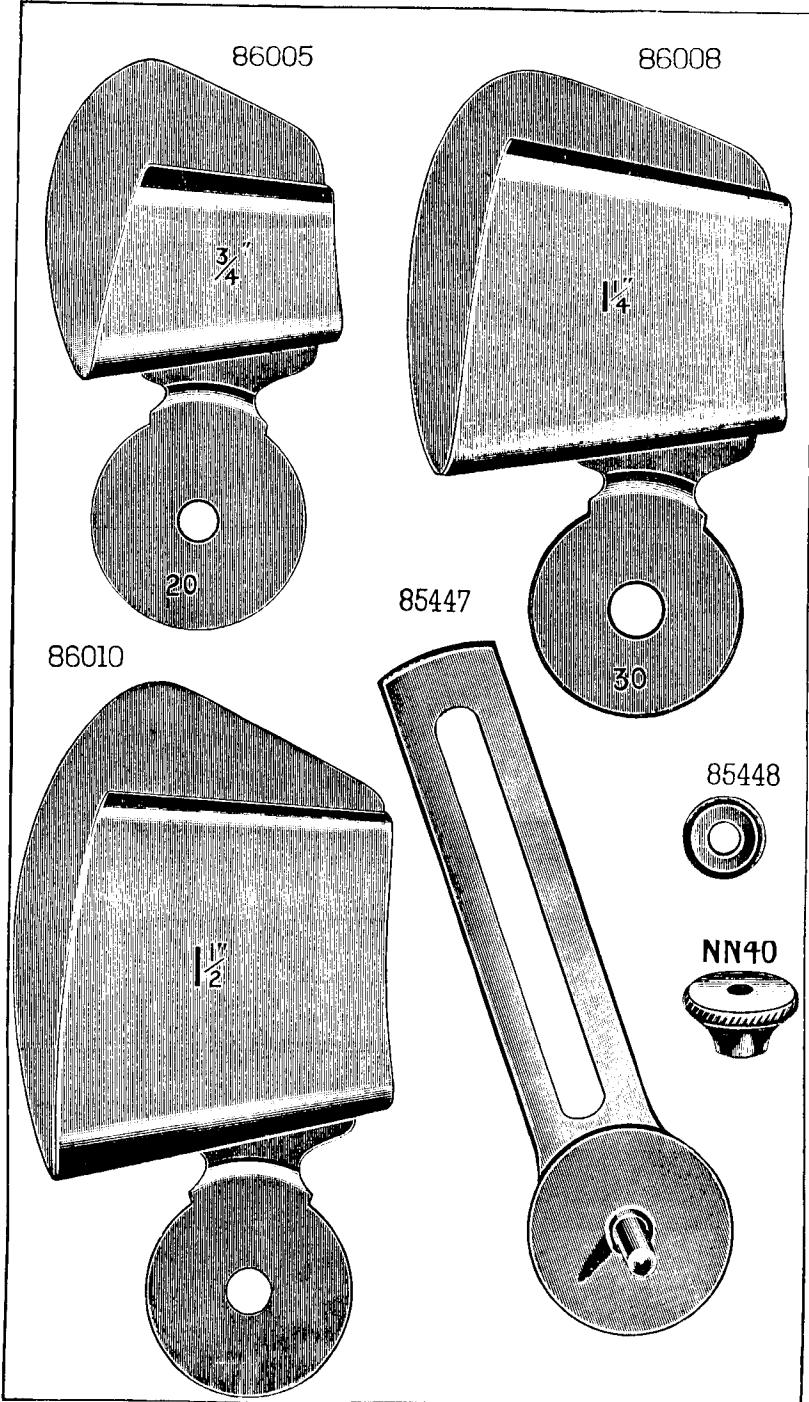
No. 16K33 Machine.

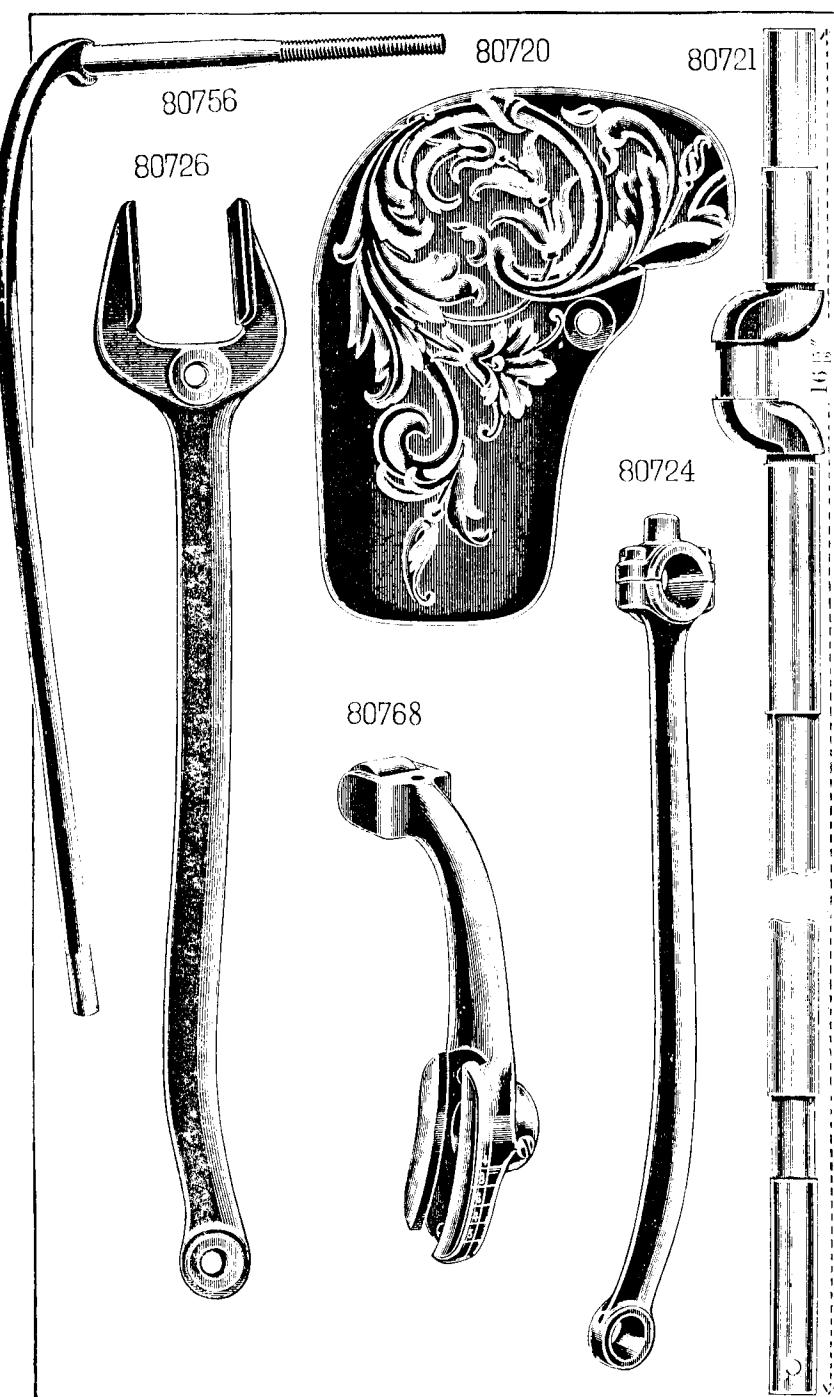
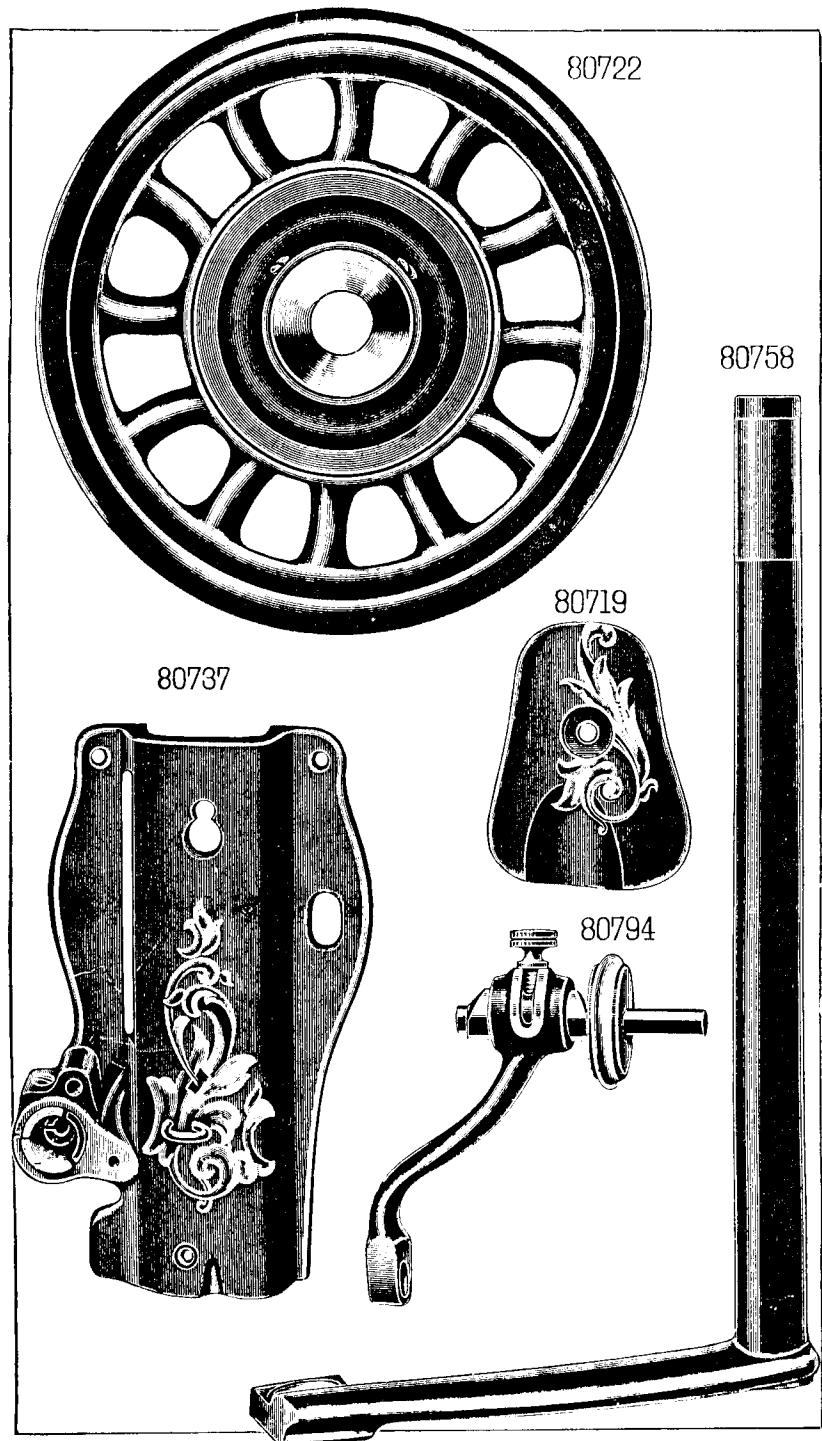
THE SINGER MANUFACTURING CO.

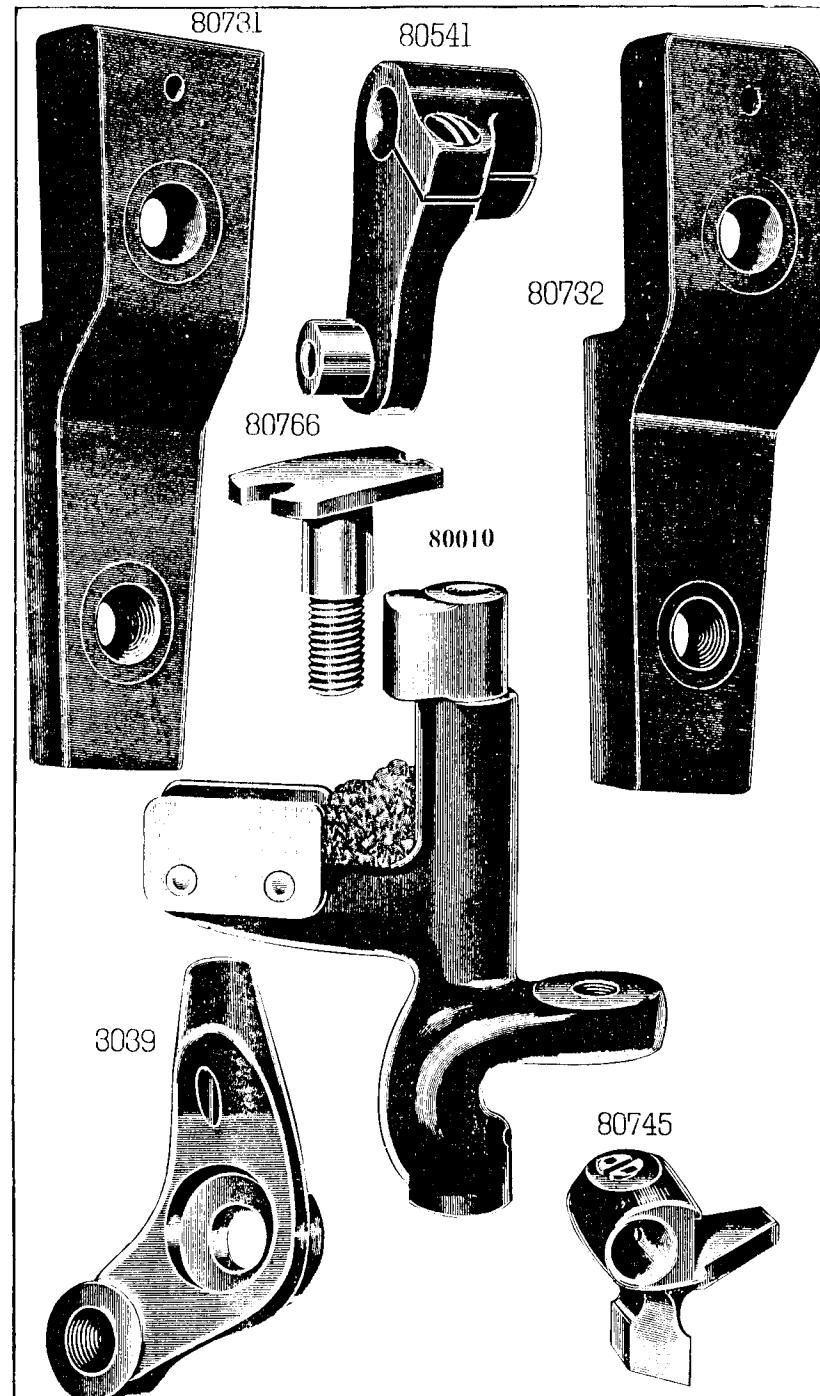
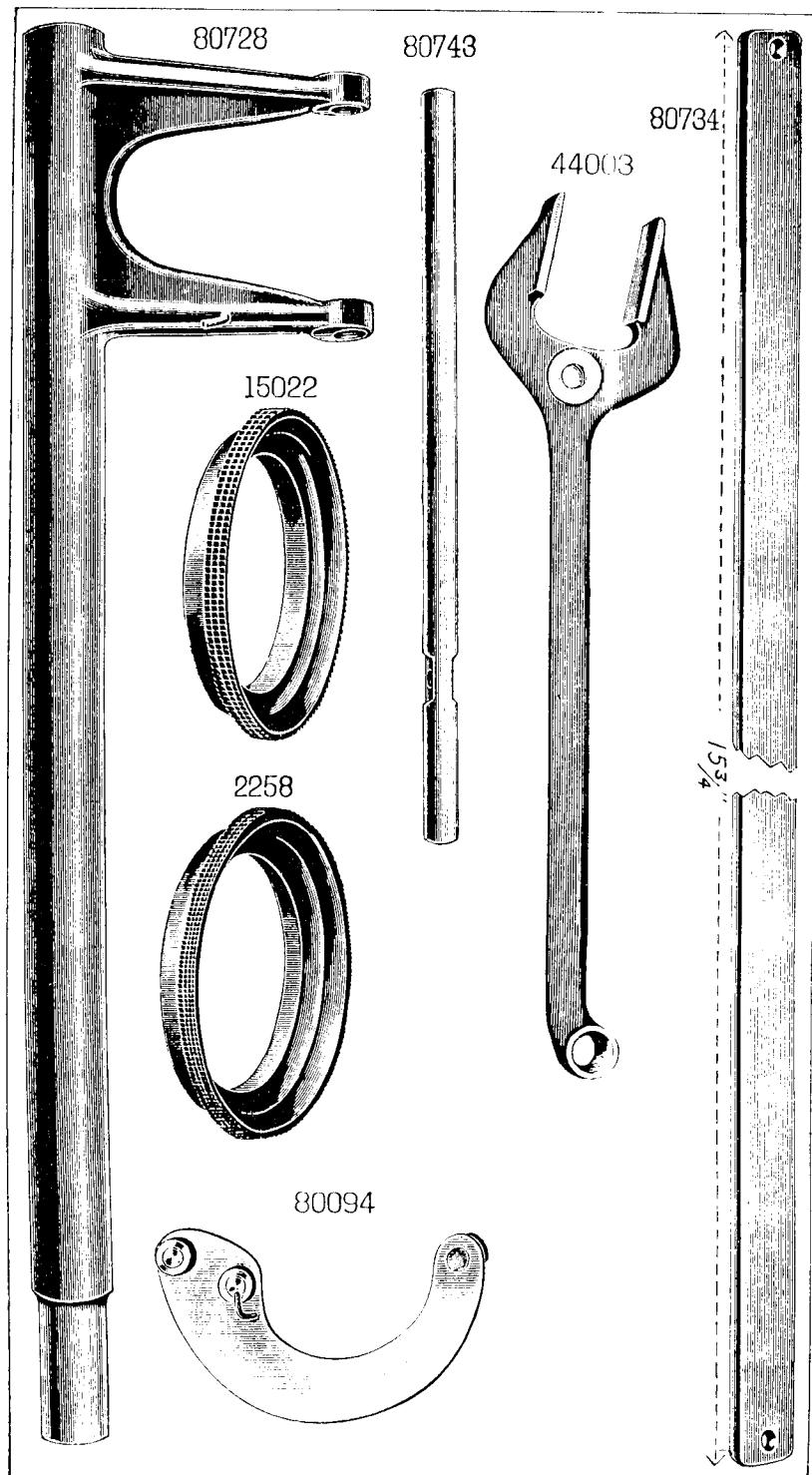












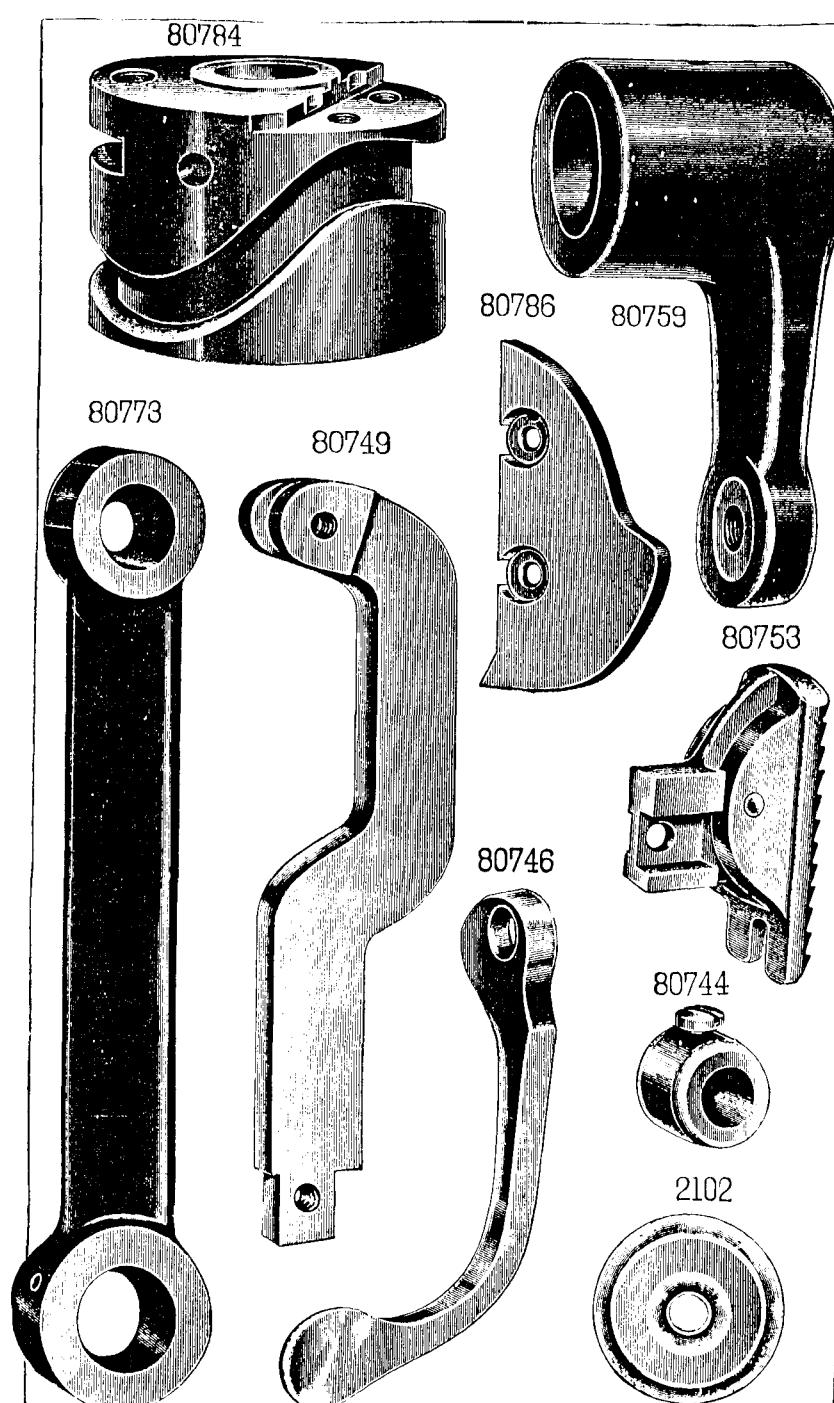
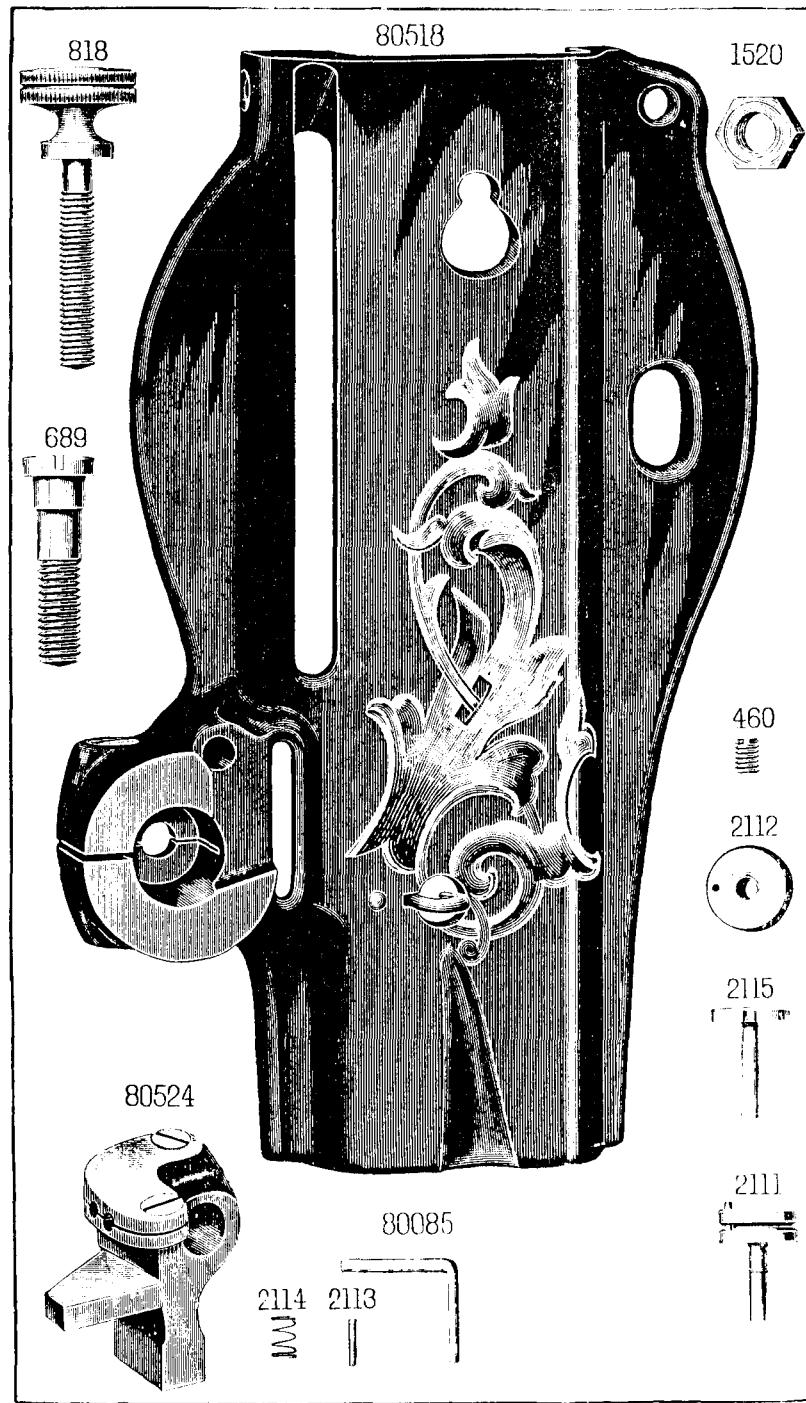
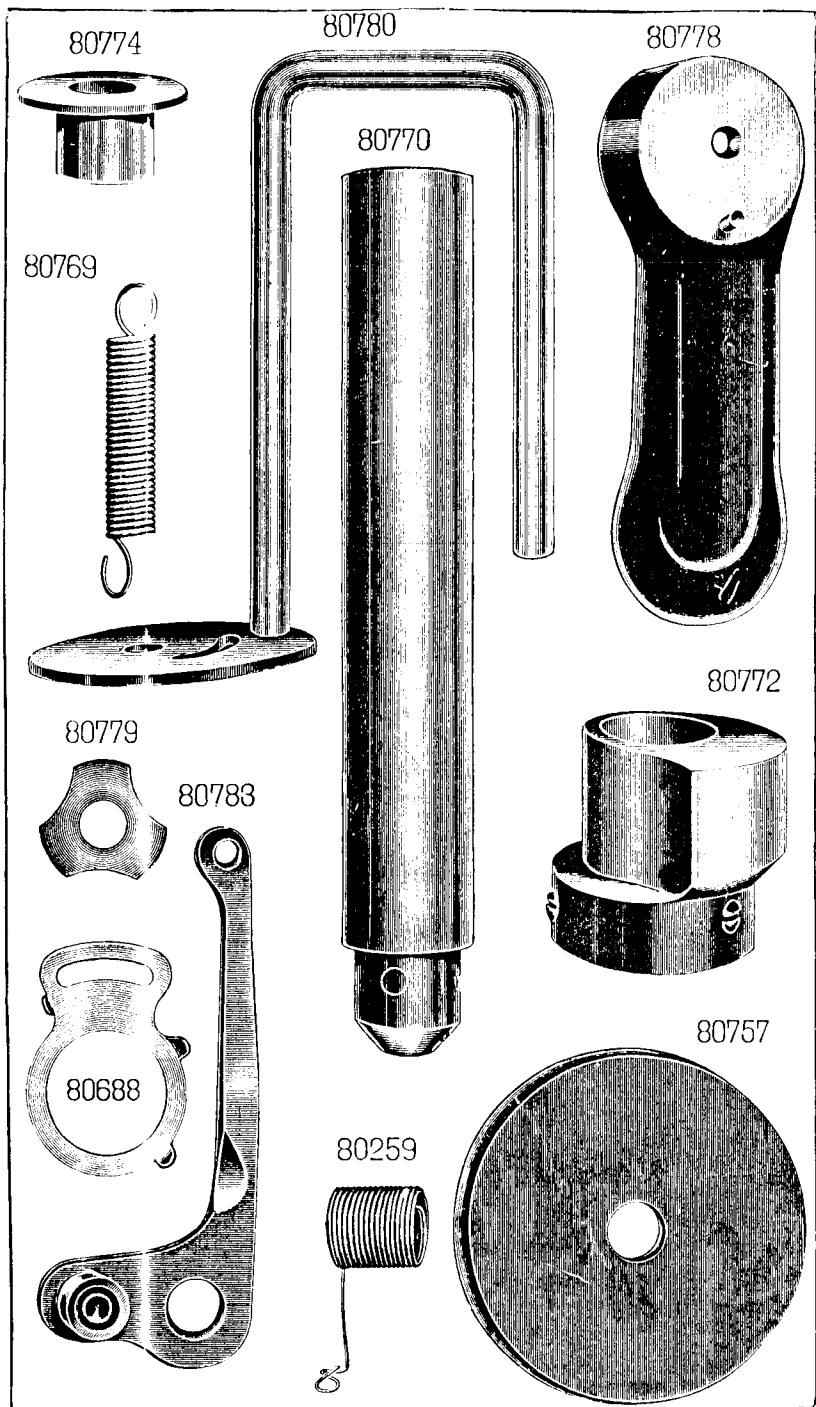


PLATE 106

20

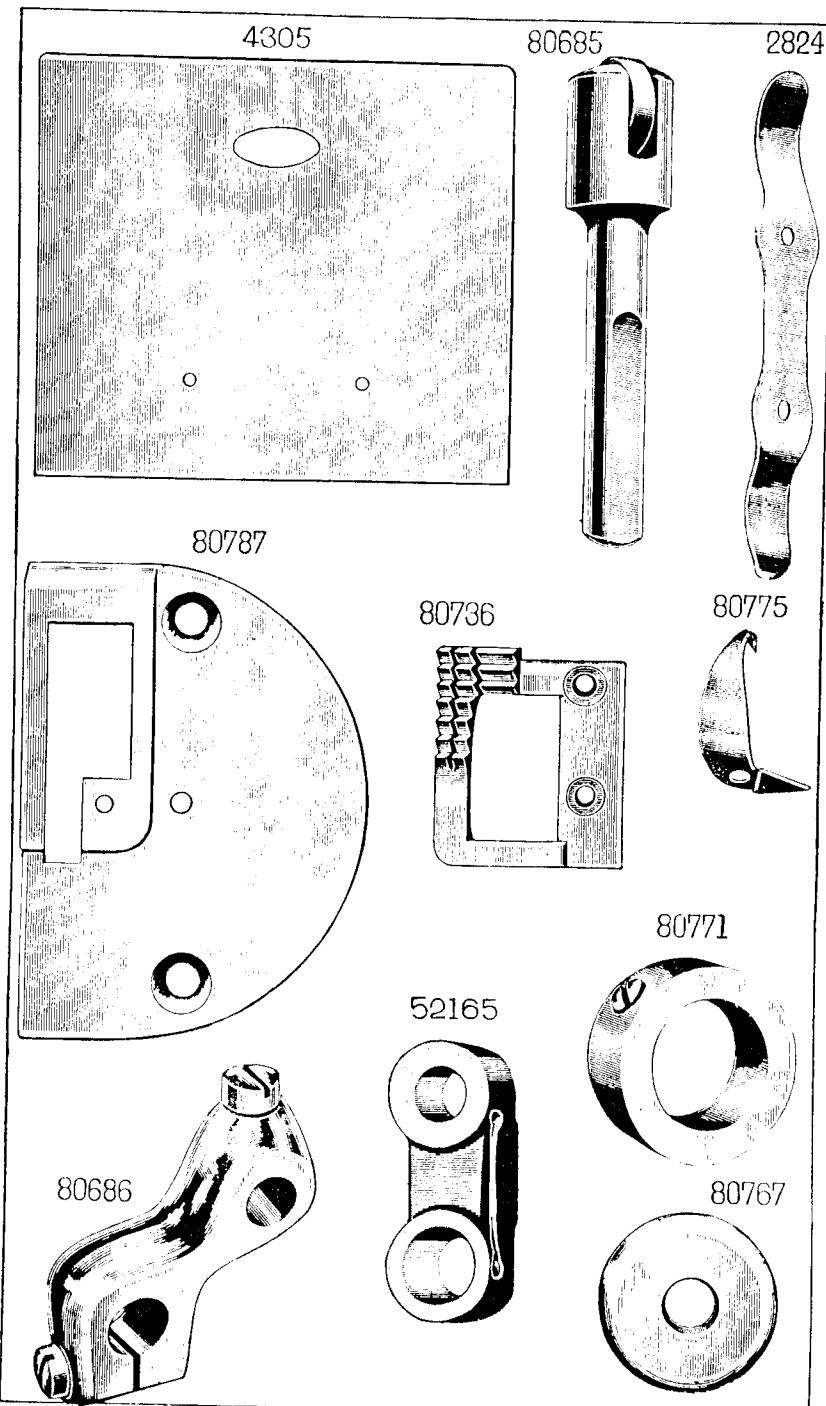
Full Size

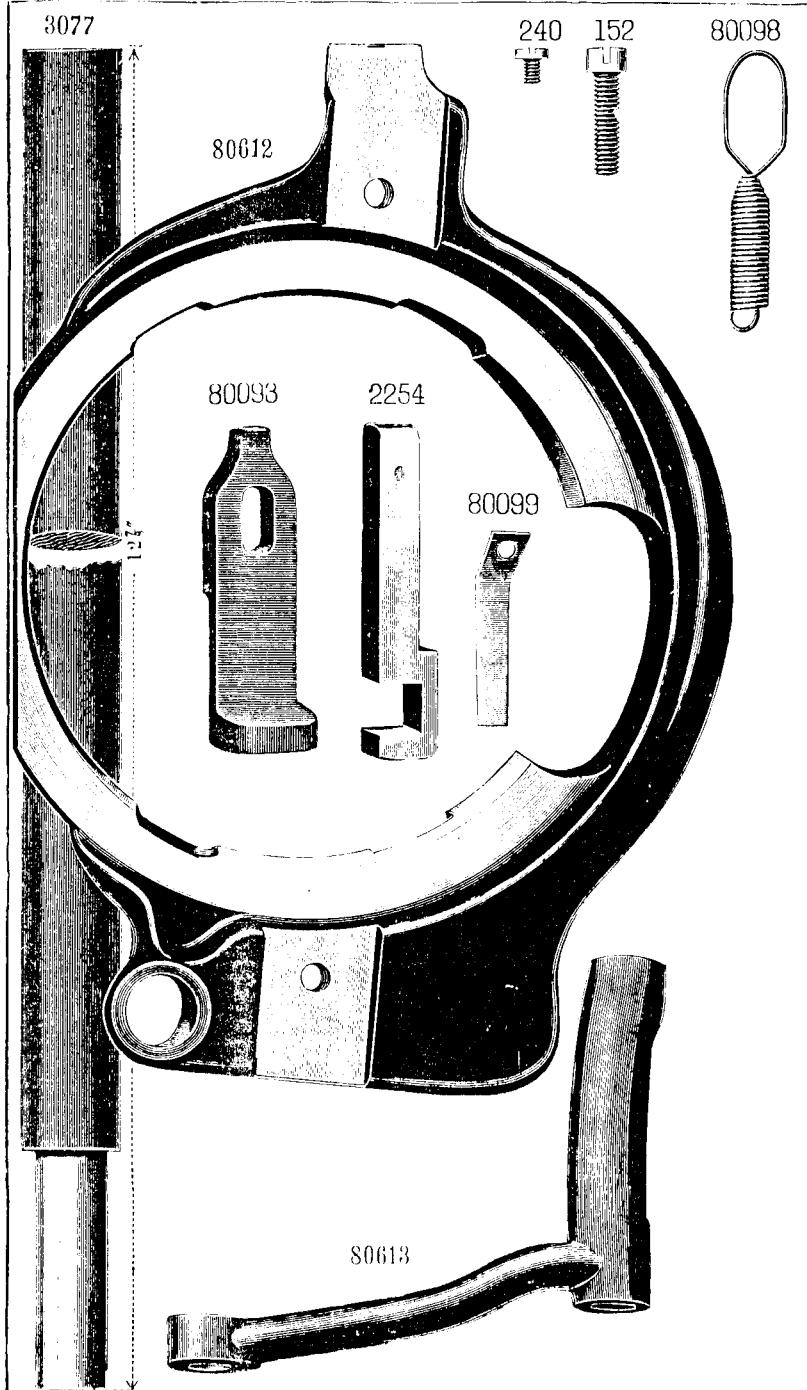
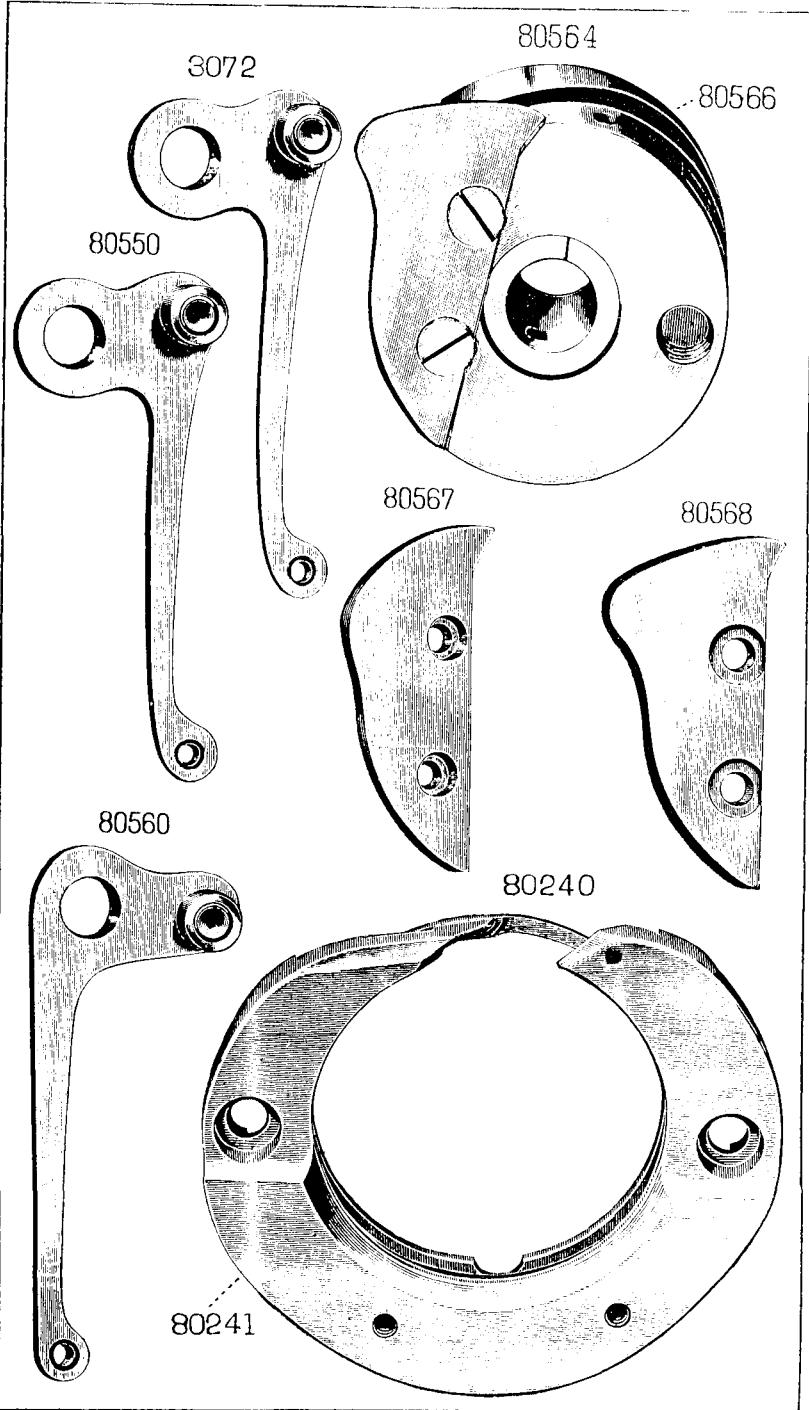


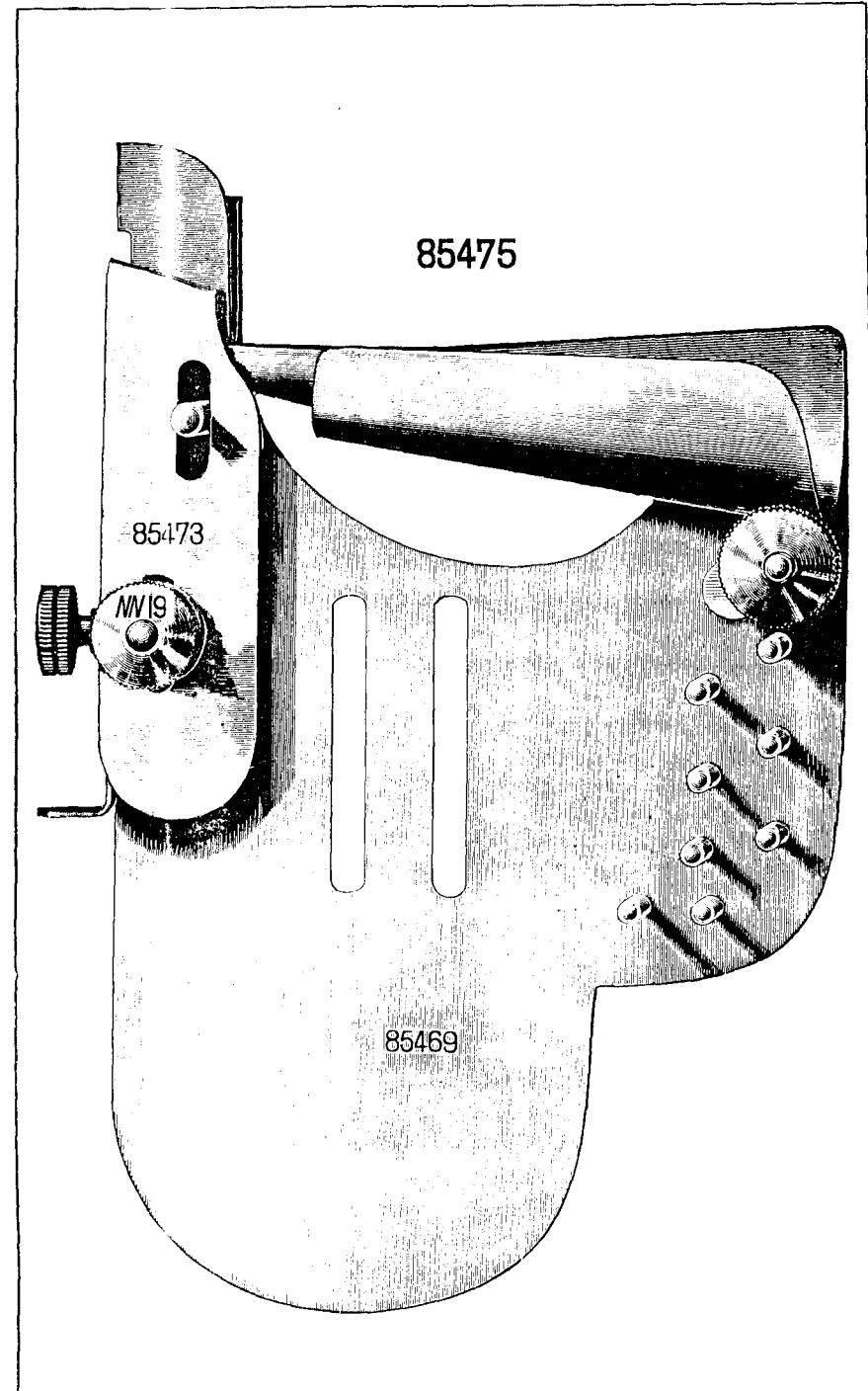
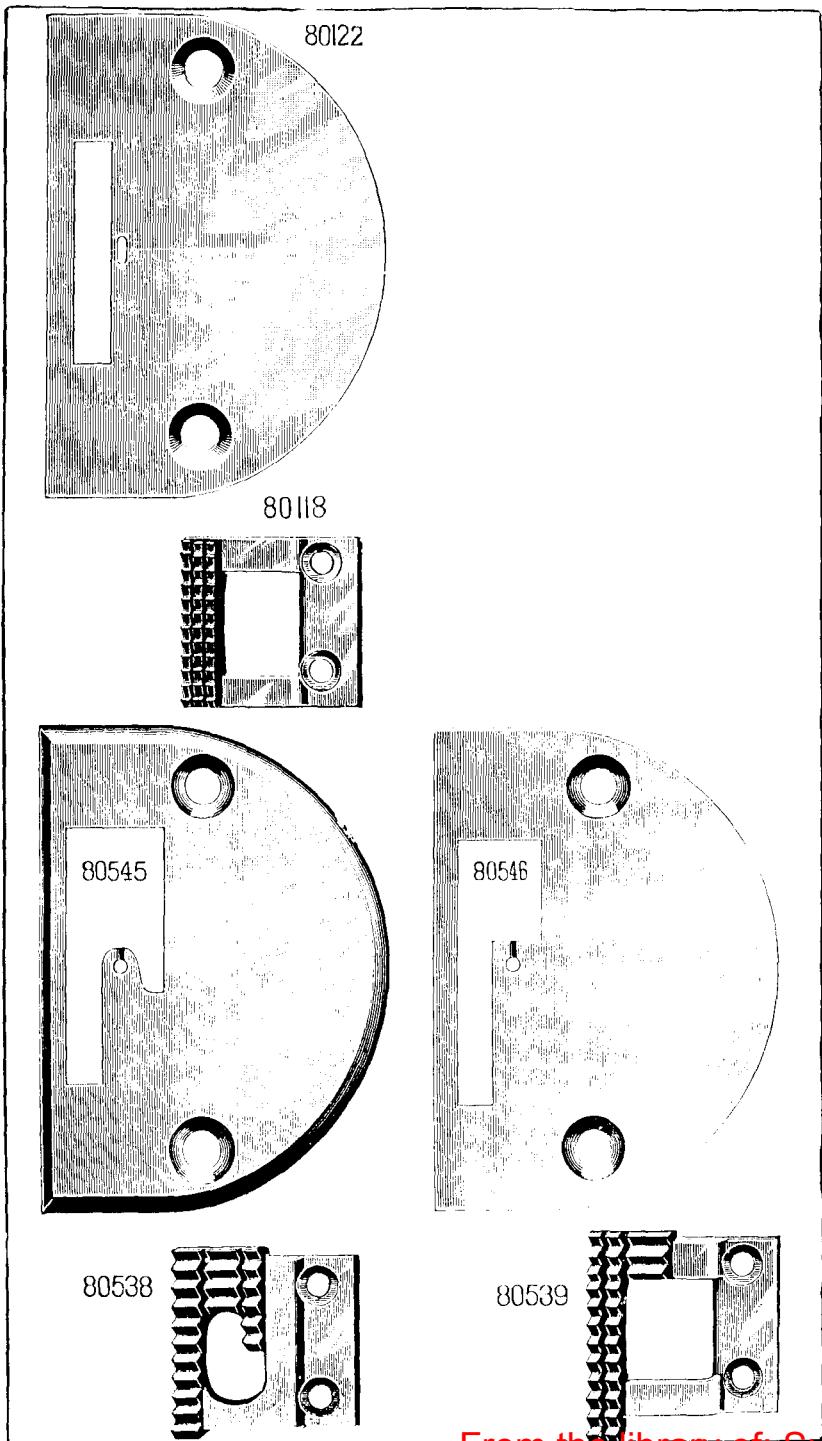
Full Size

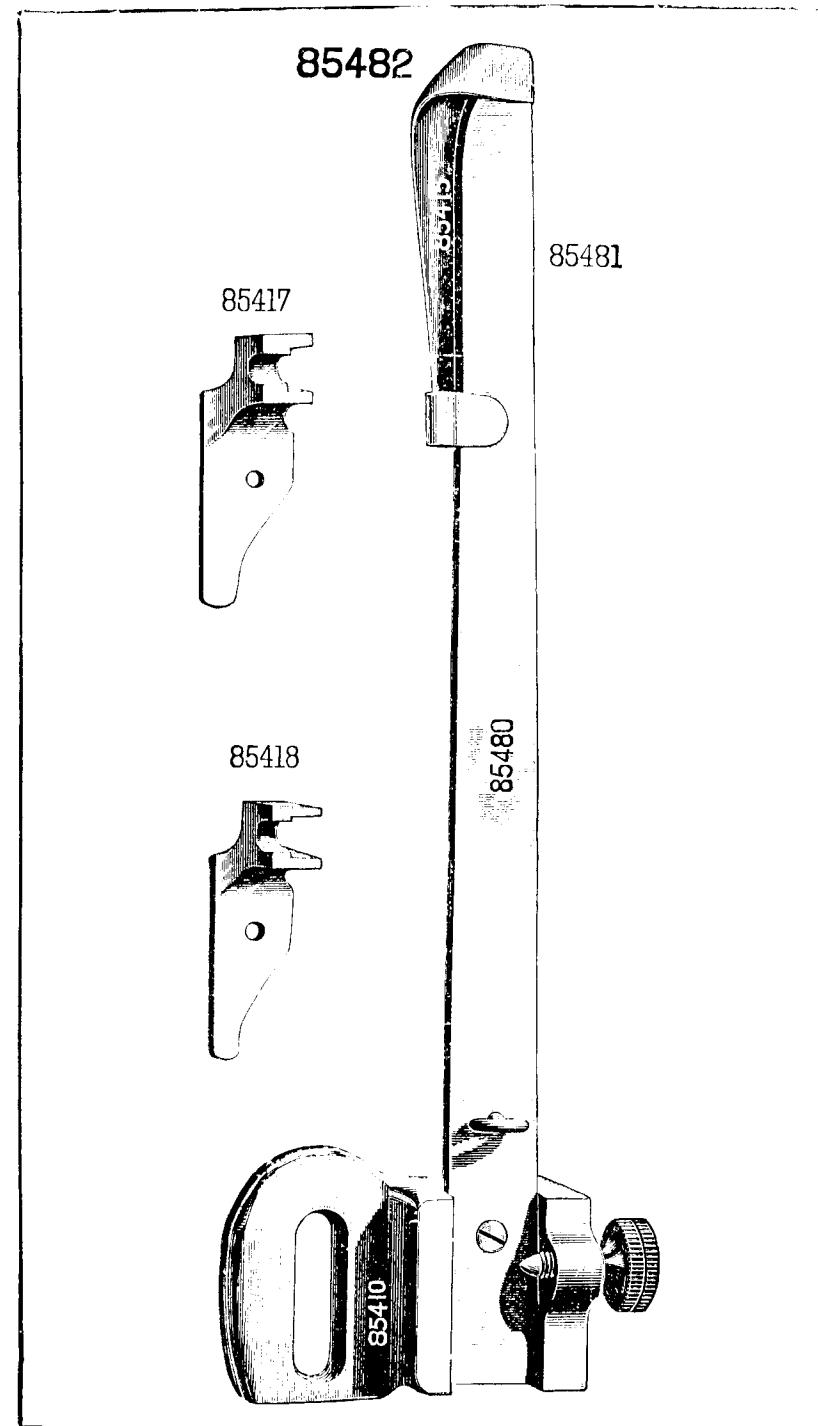
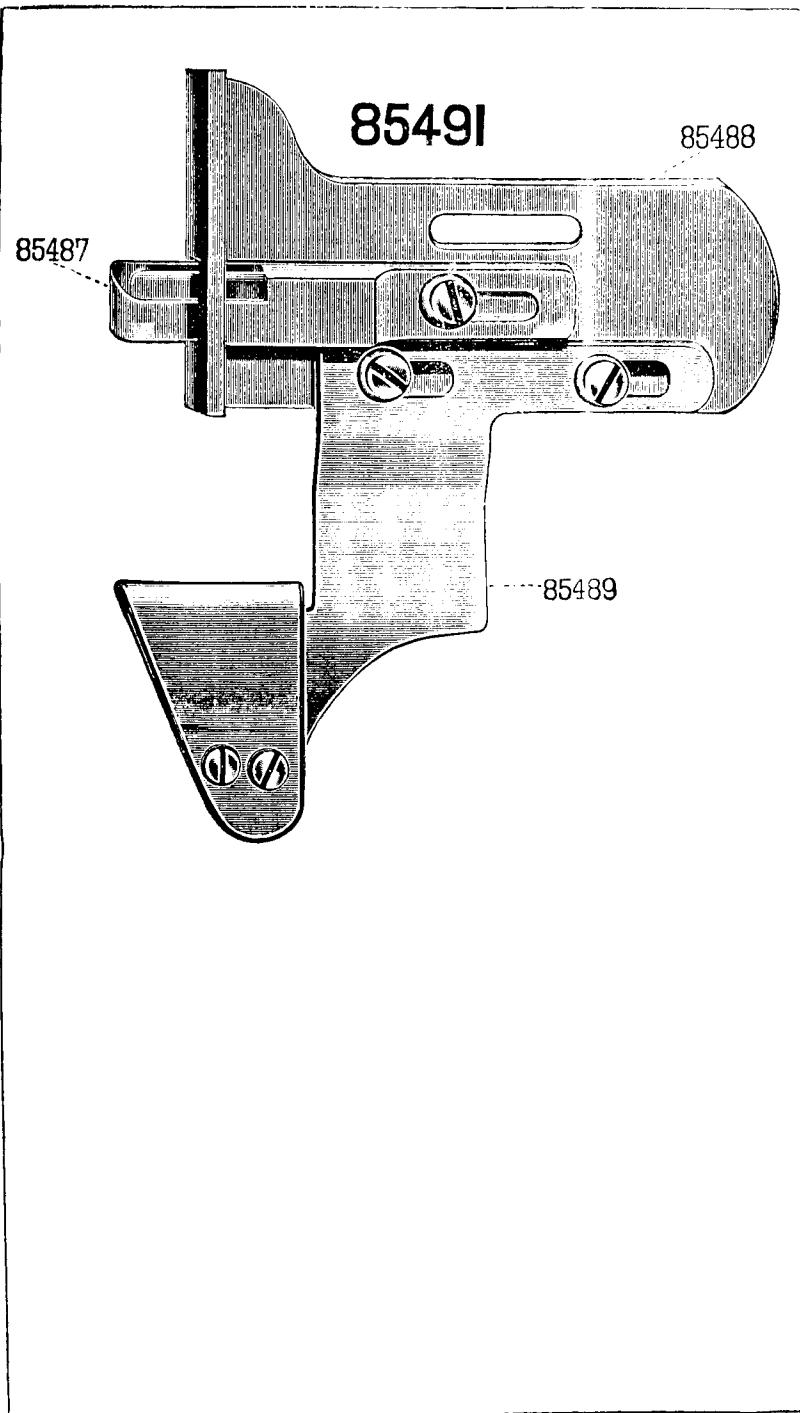
21

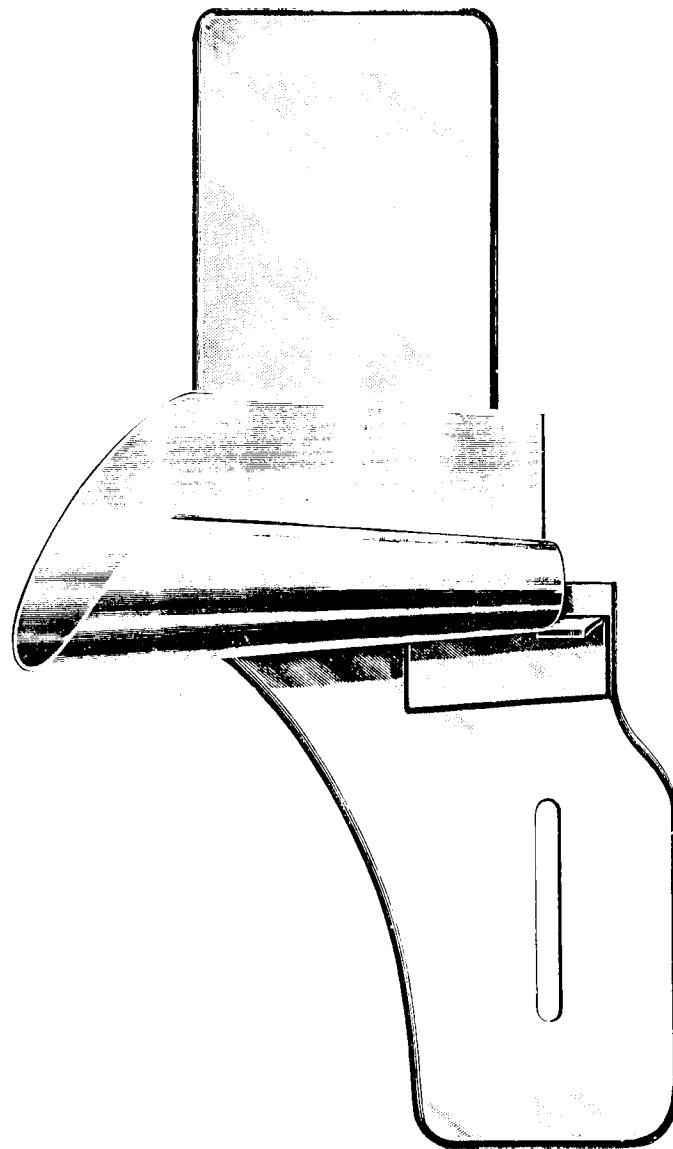
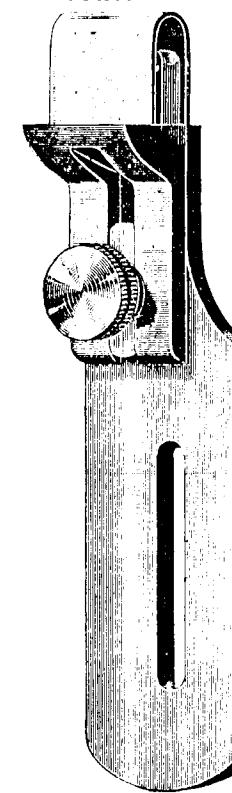
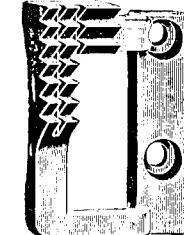
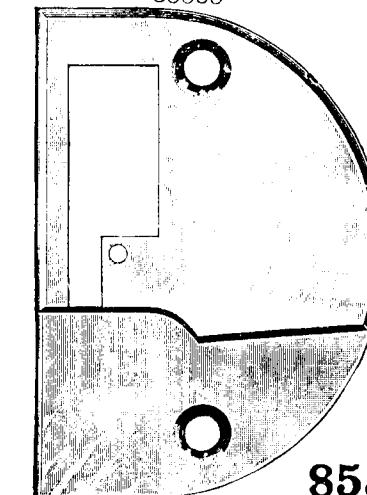
PLATE 107

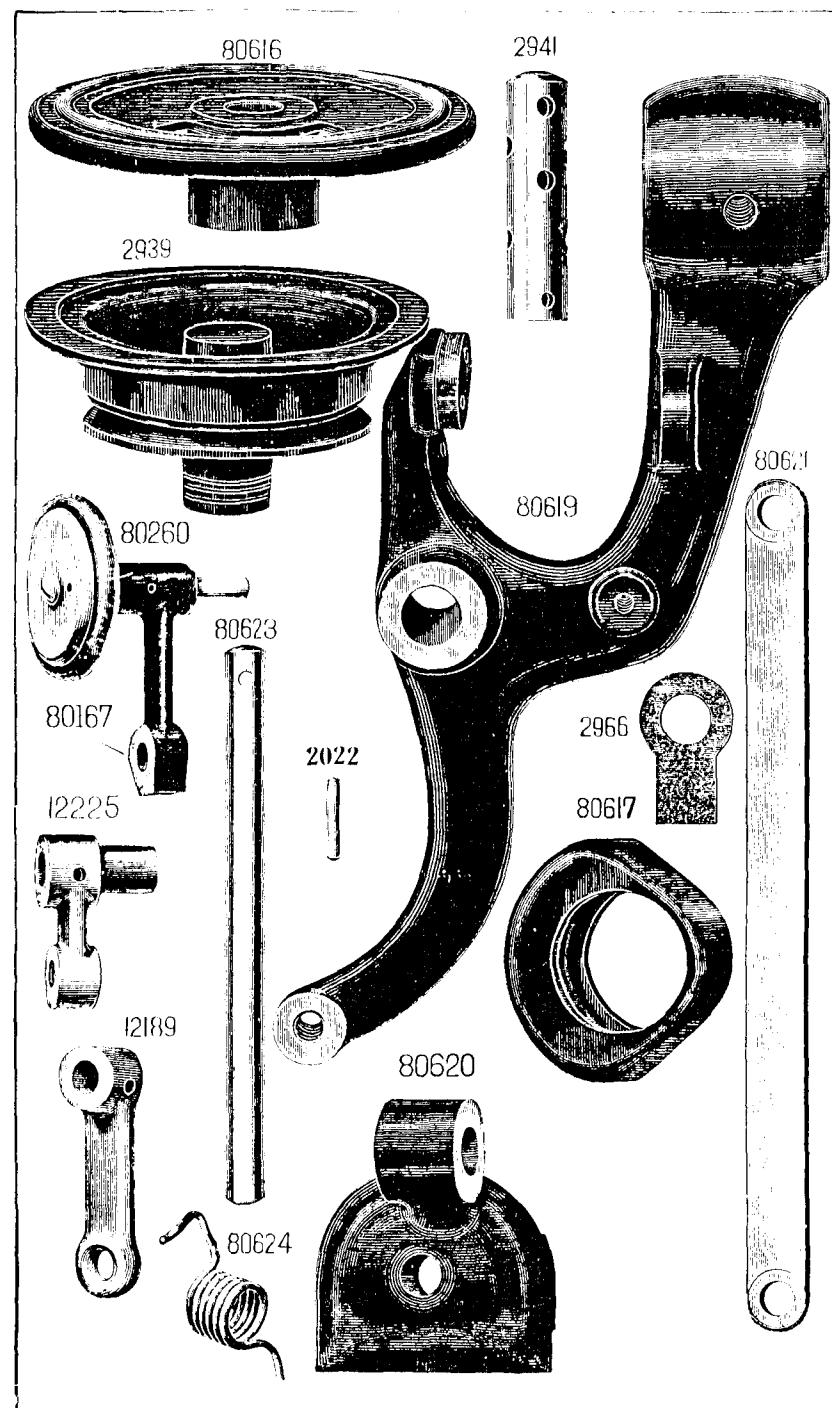
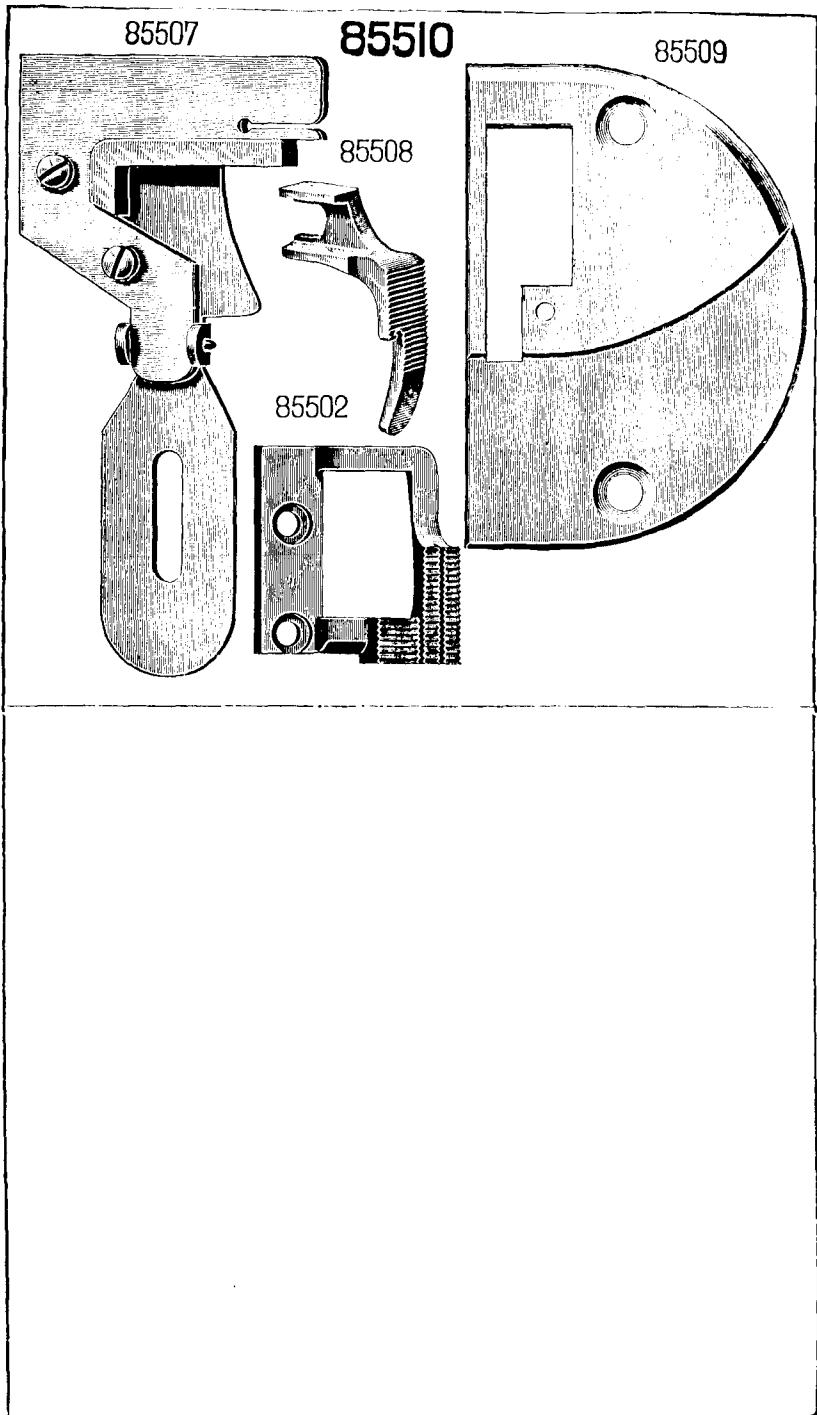


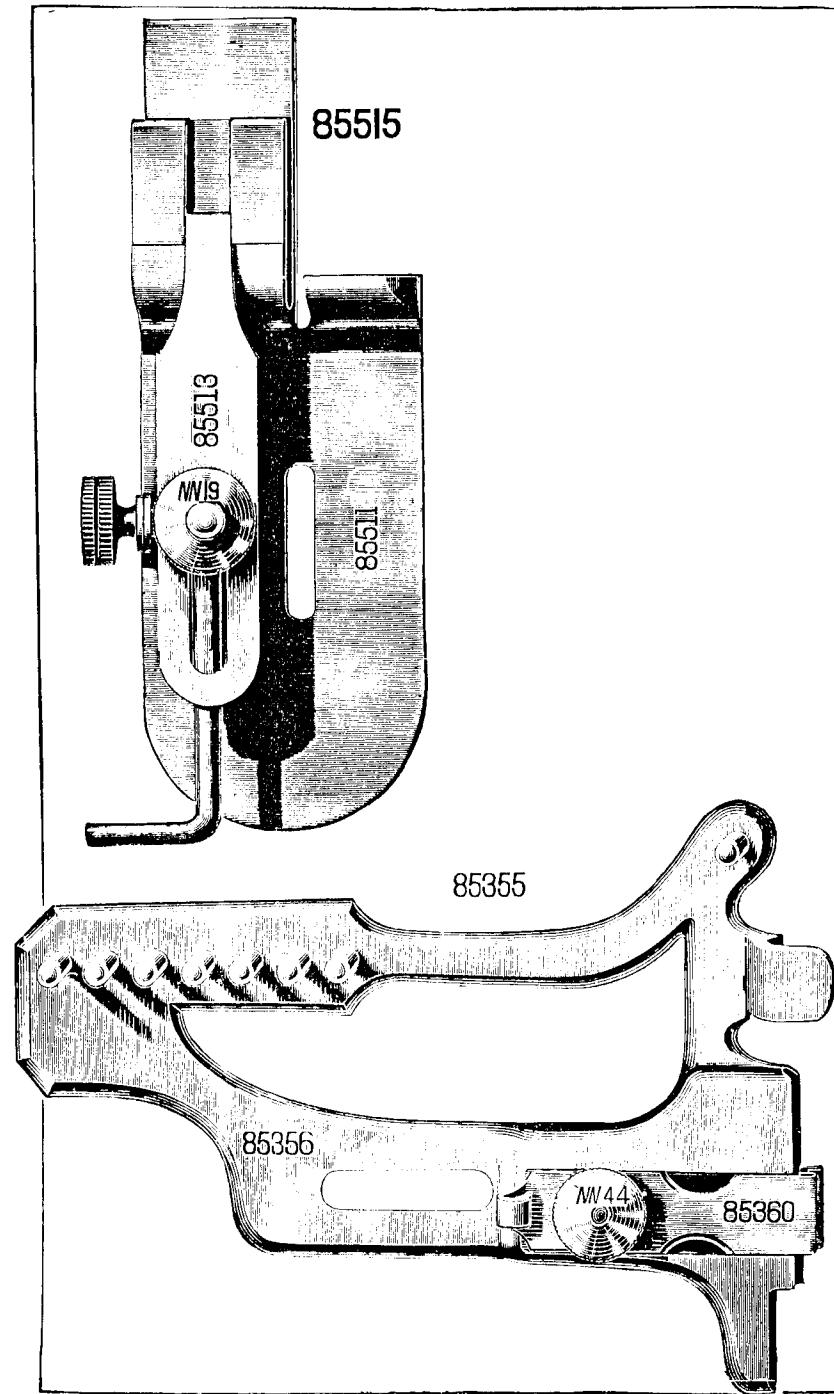
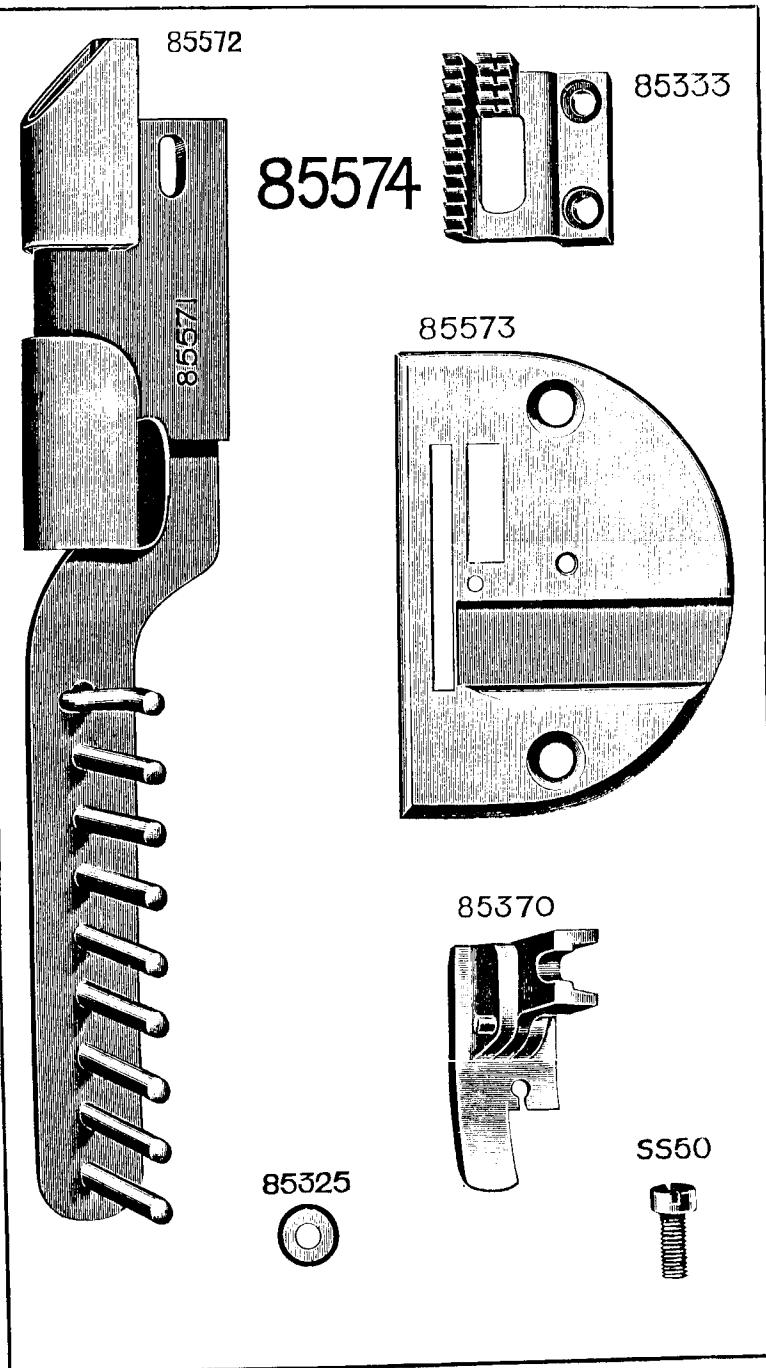


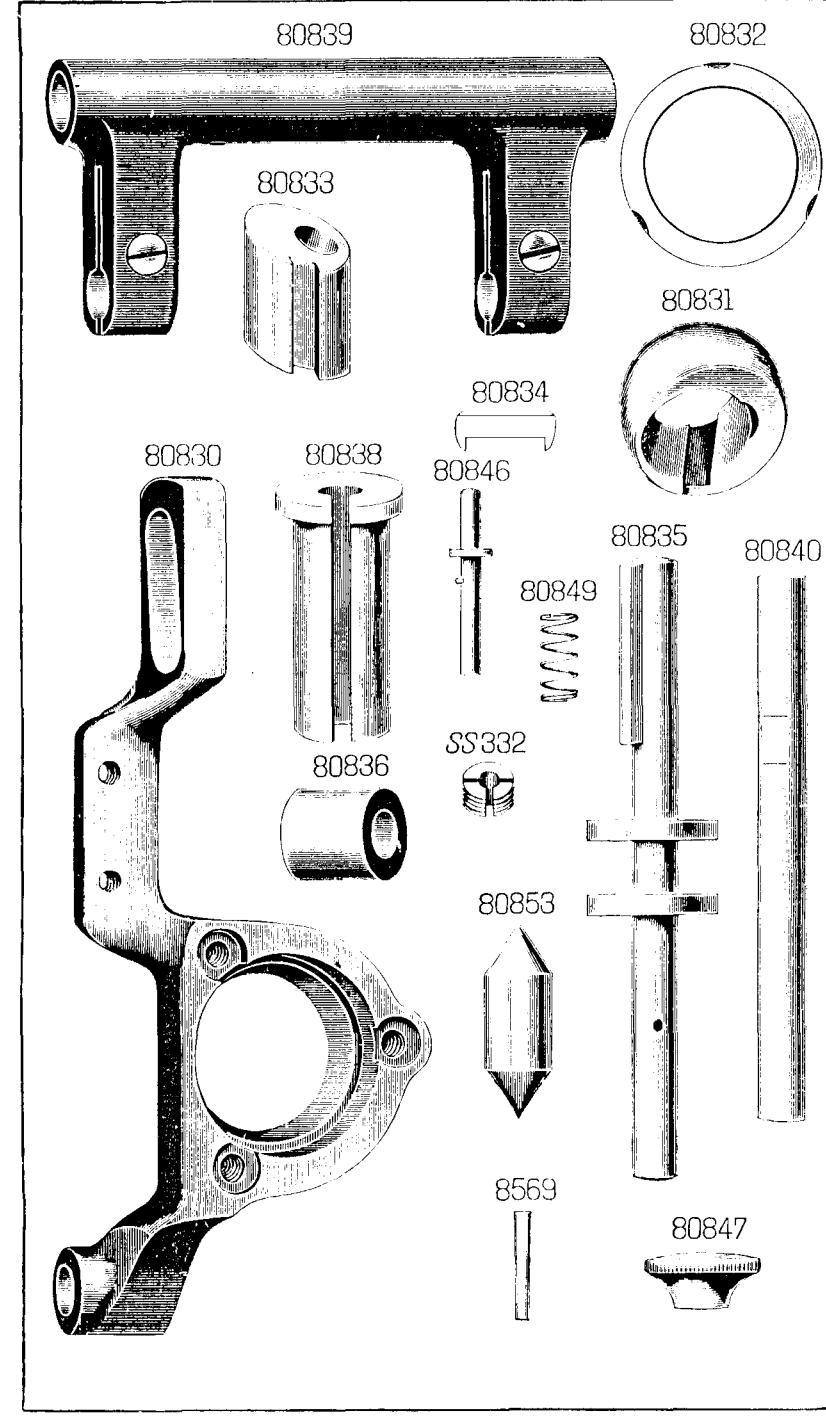
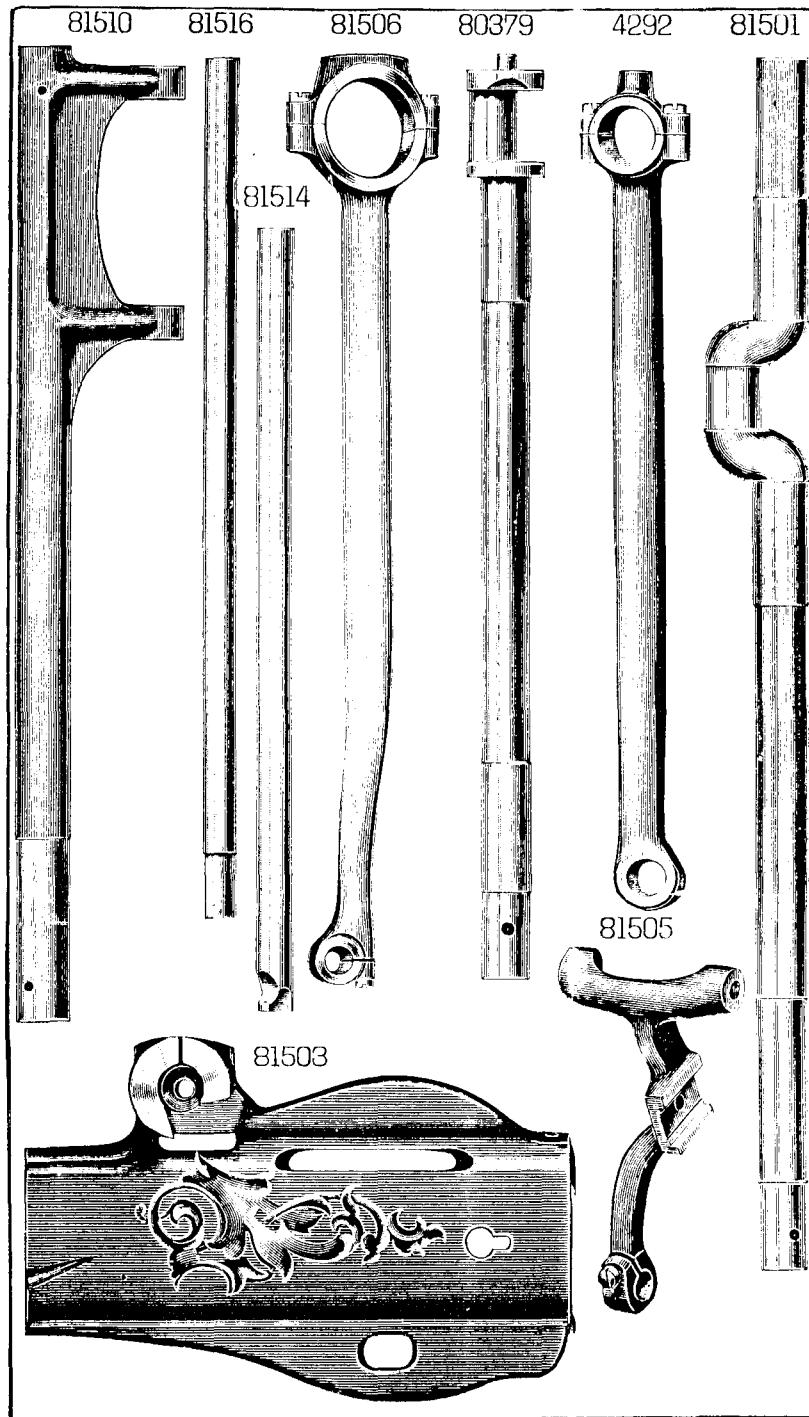




**85486****85497****85498****85499****85500****85501**

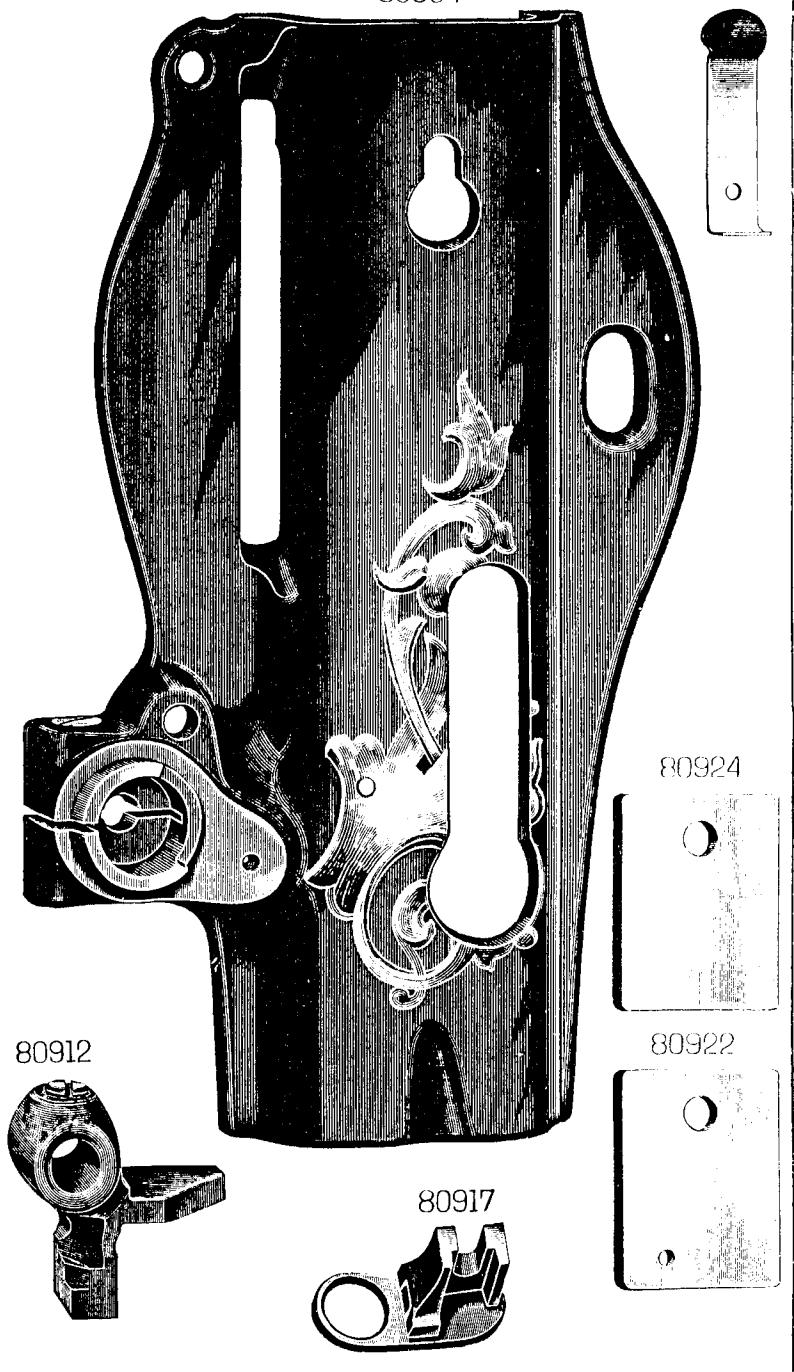






80904

80923

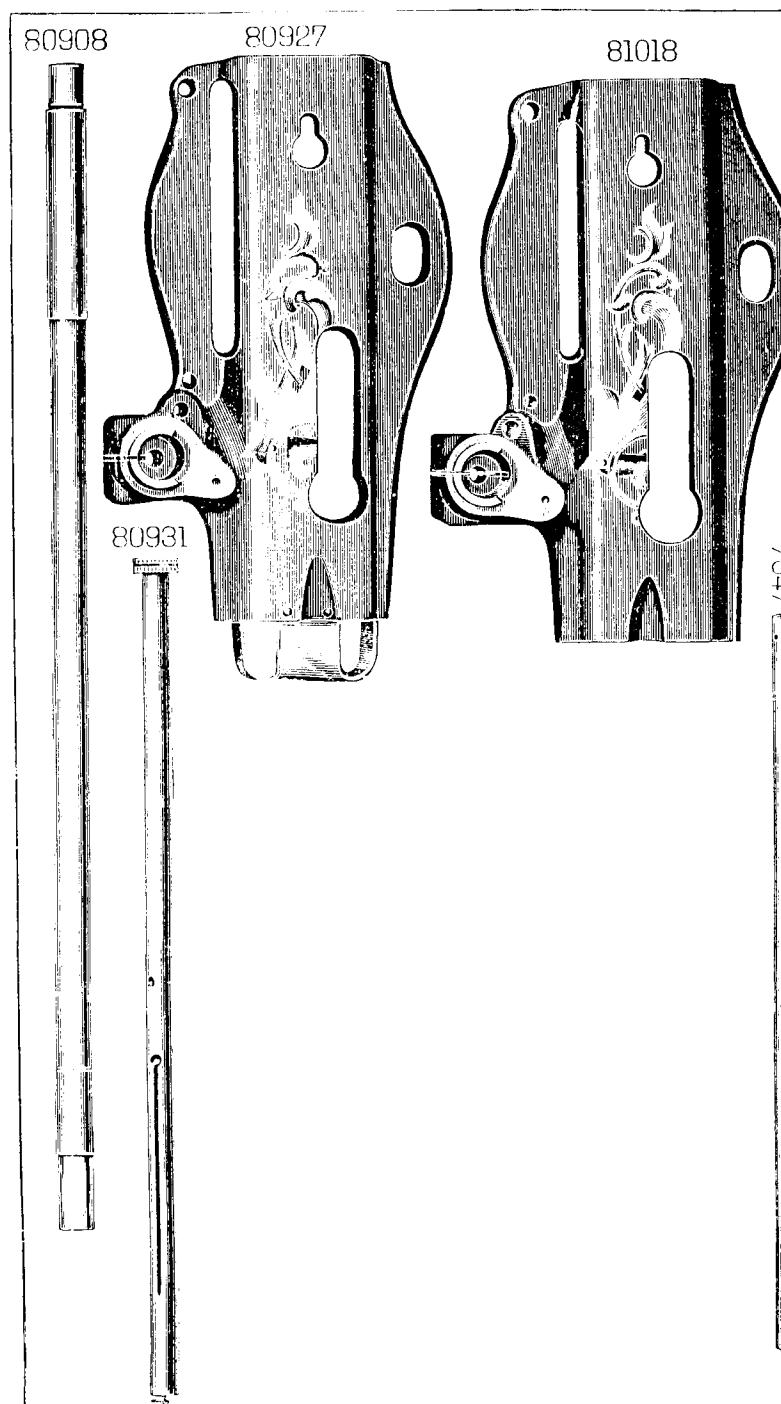


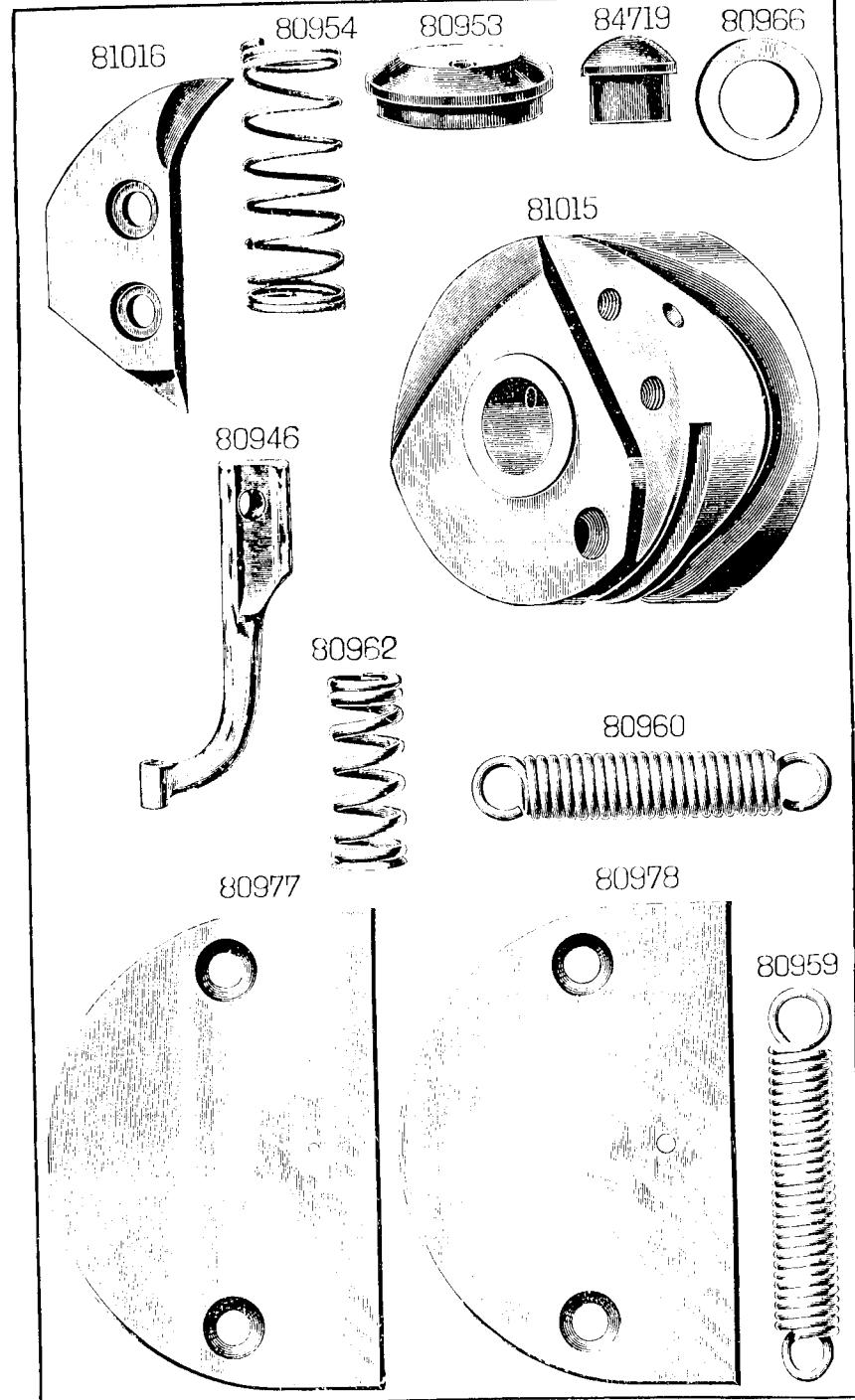
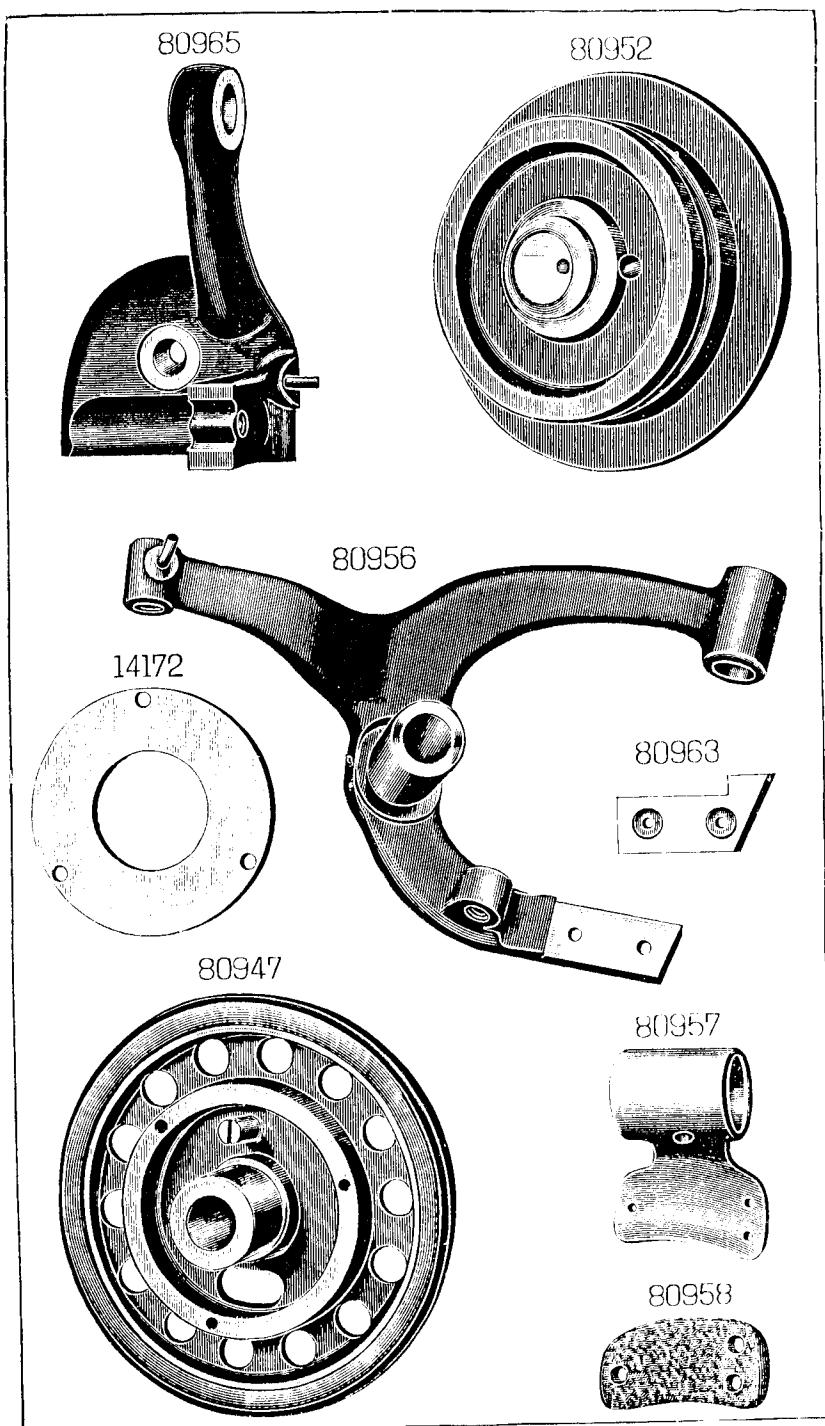
80908

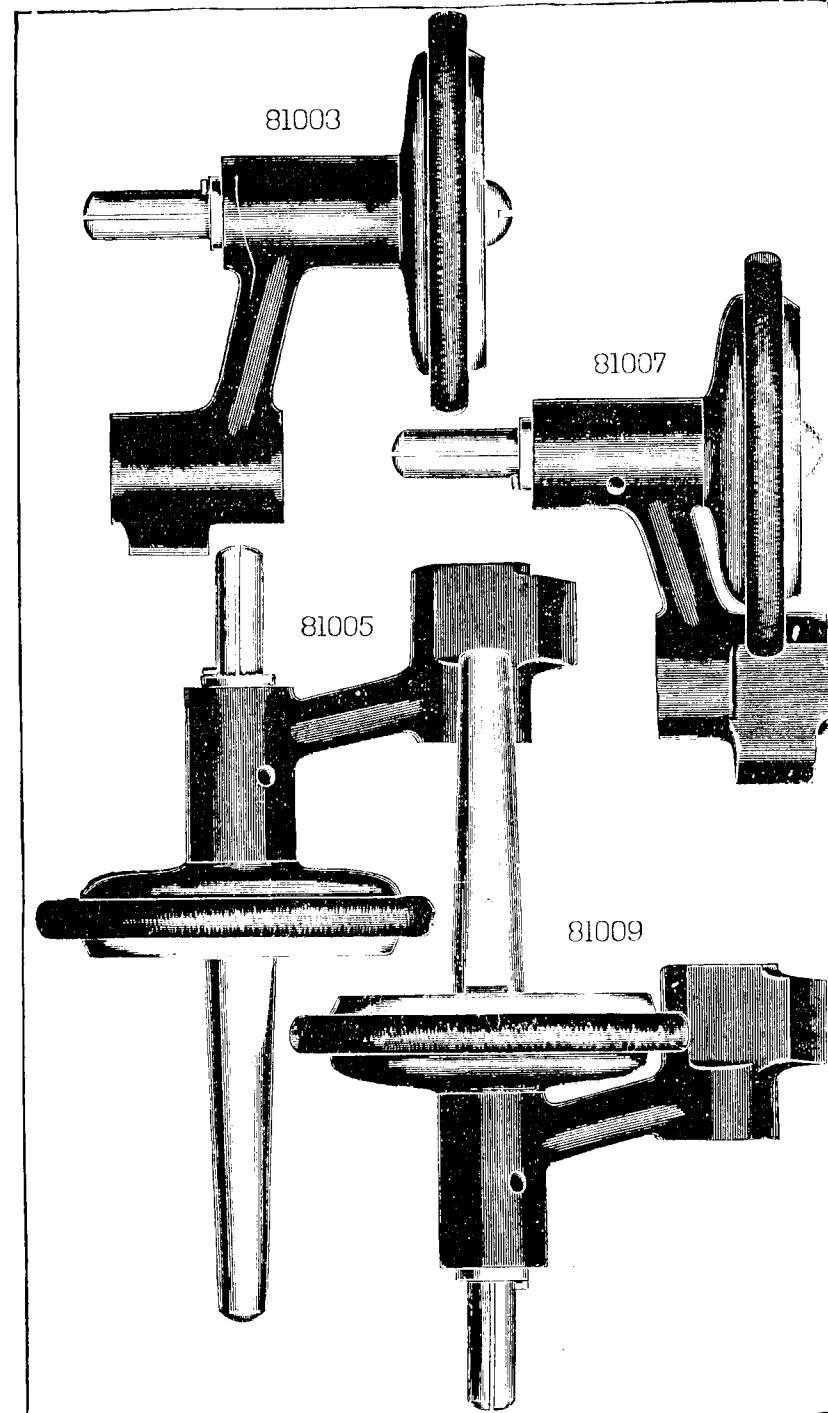
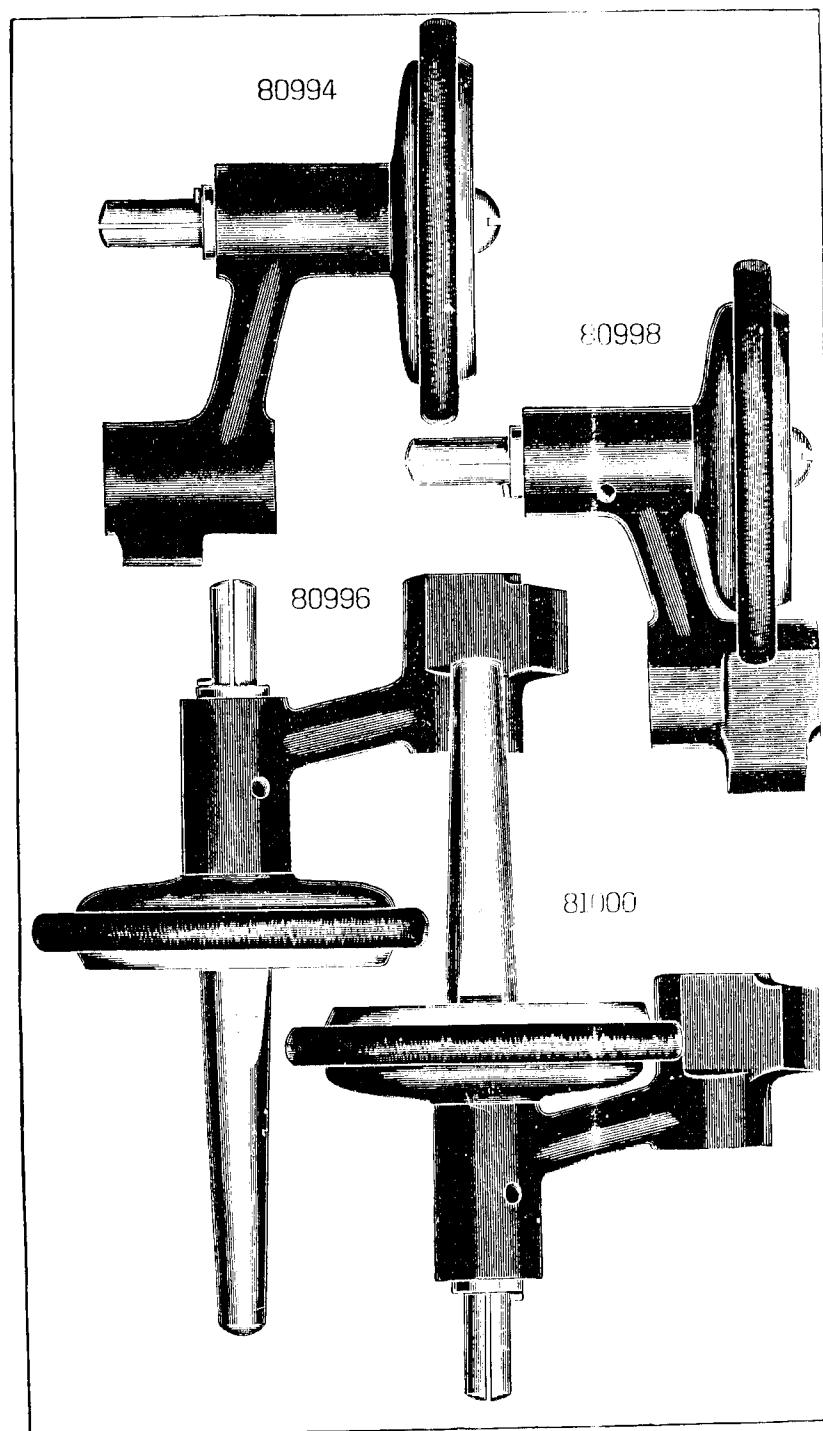
80927

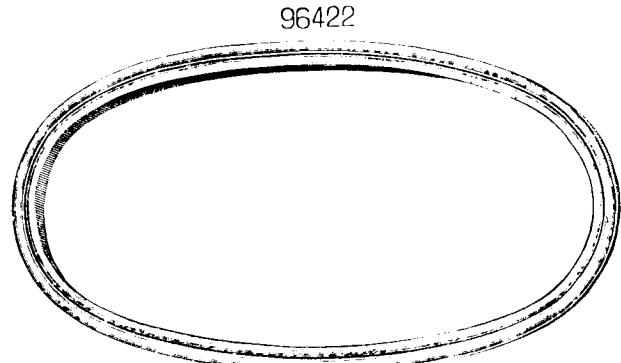
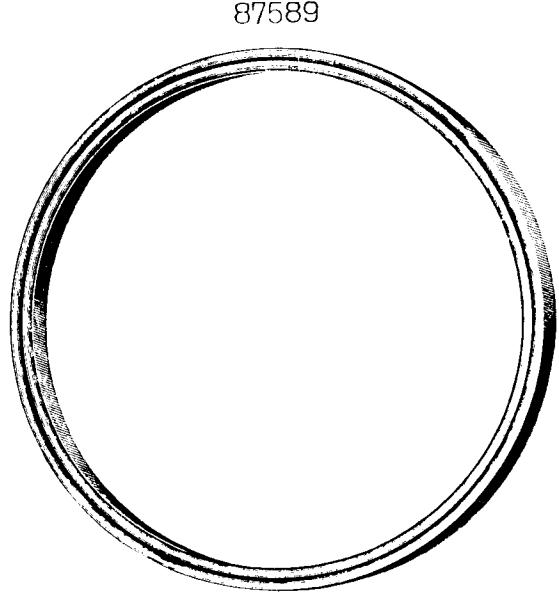
80931

81018

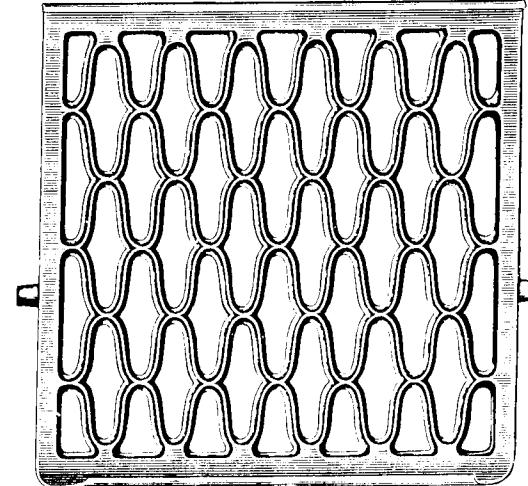








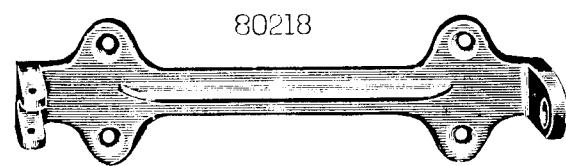
80250



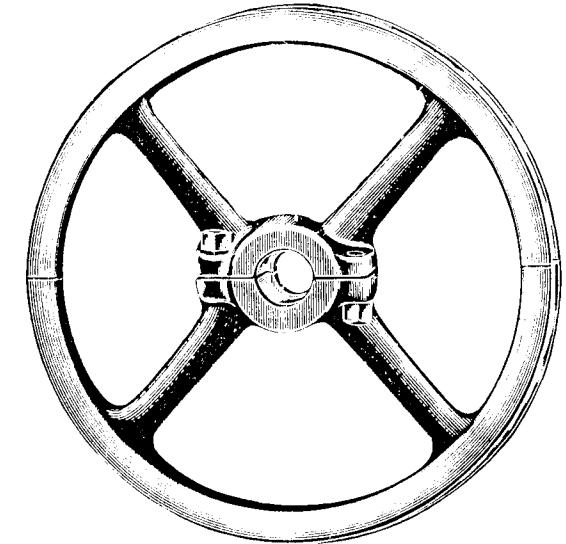
80220



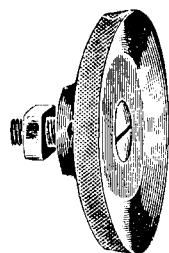
80218



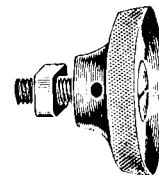
84275



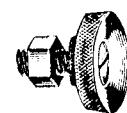
1839



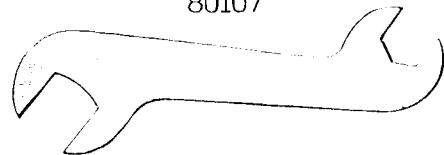
1842



1843



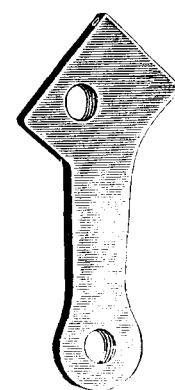
80107



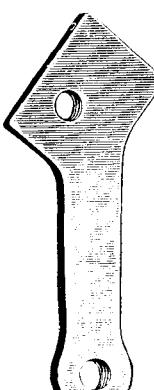
82462



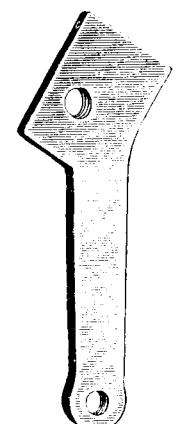
2204



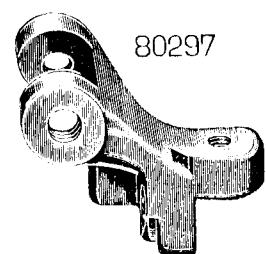
2203



2202



80297



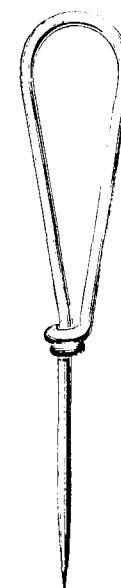
80105



35985

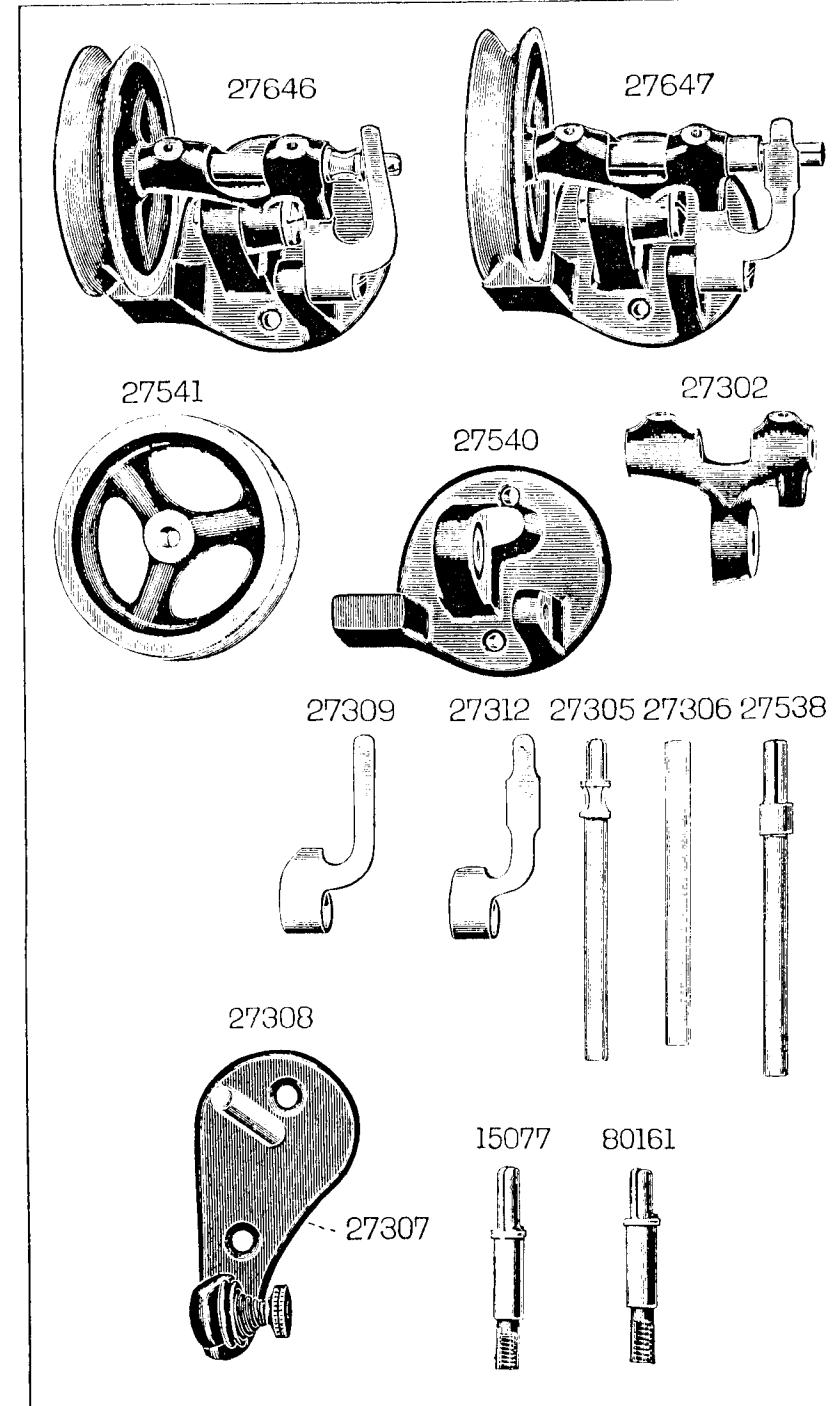
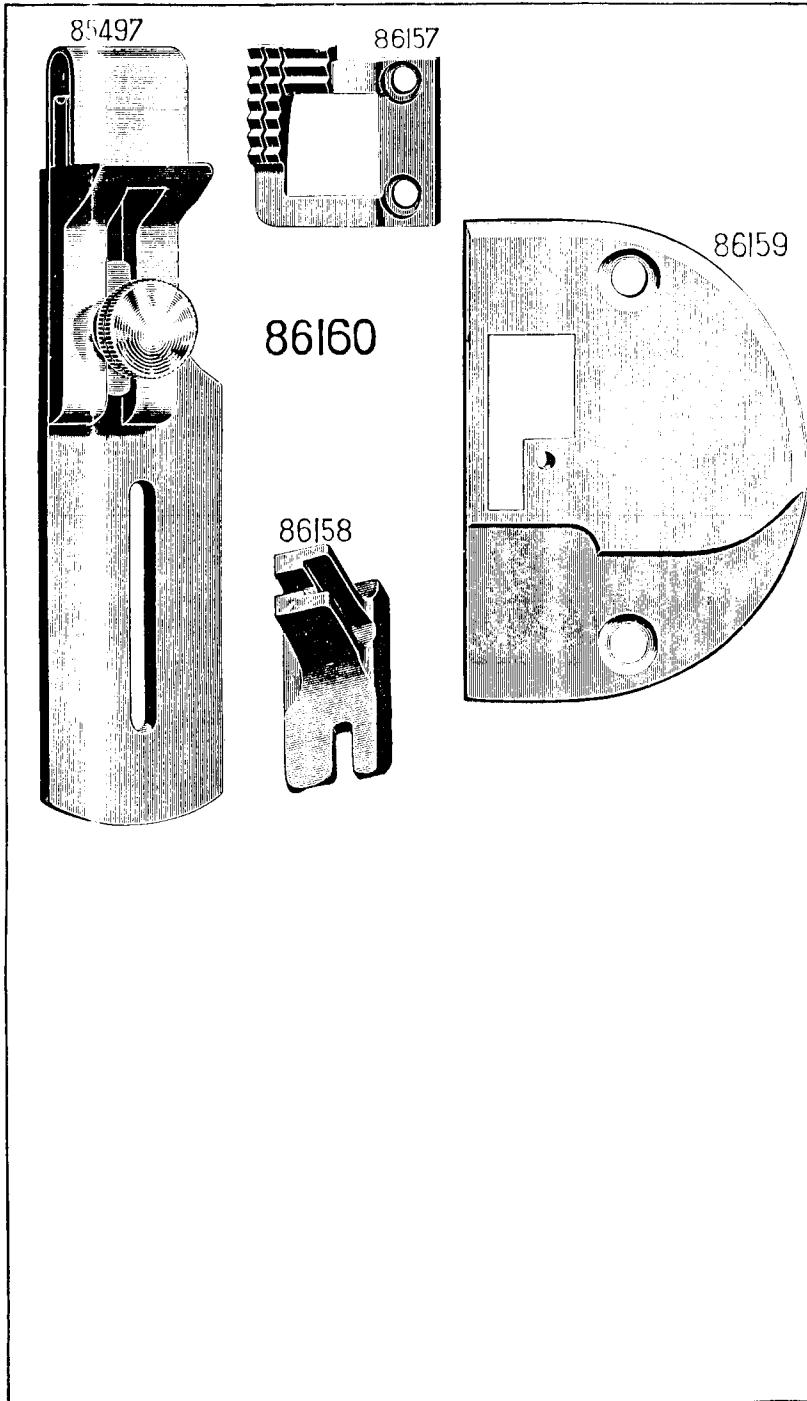


25539

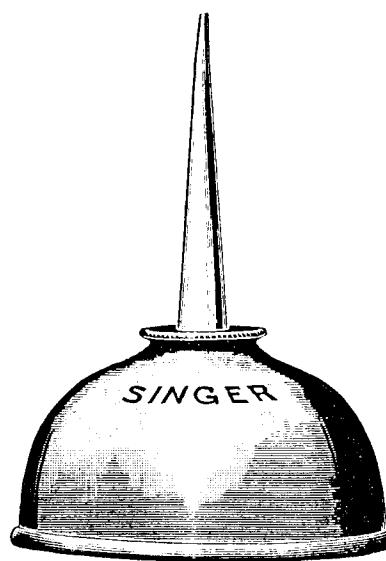


35983

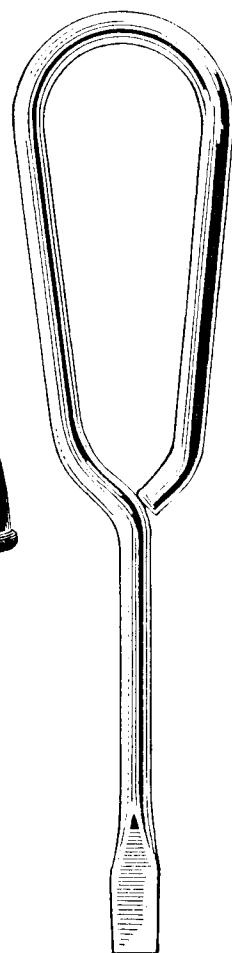




36569



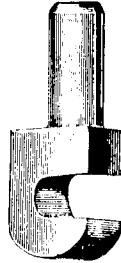
25537



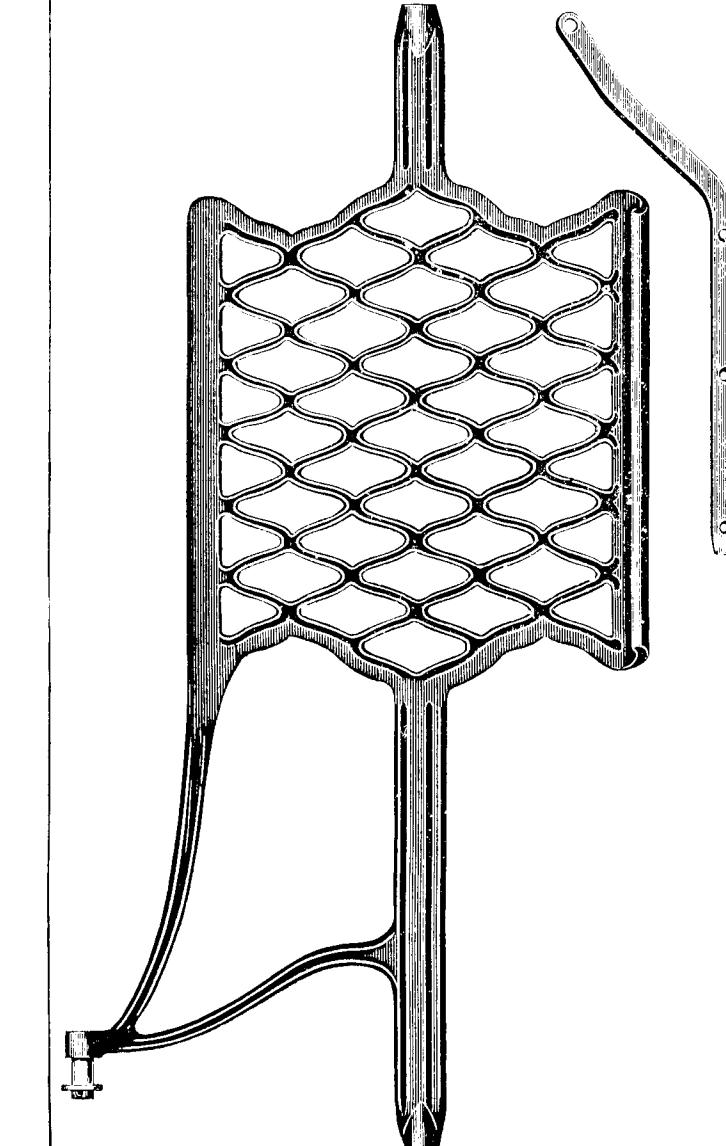
120378



12361



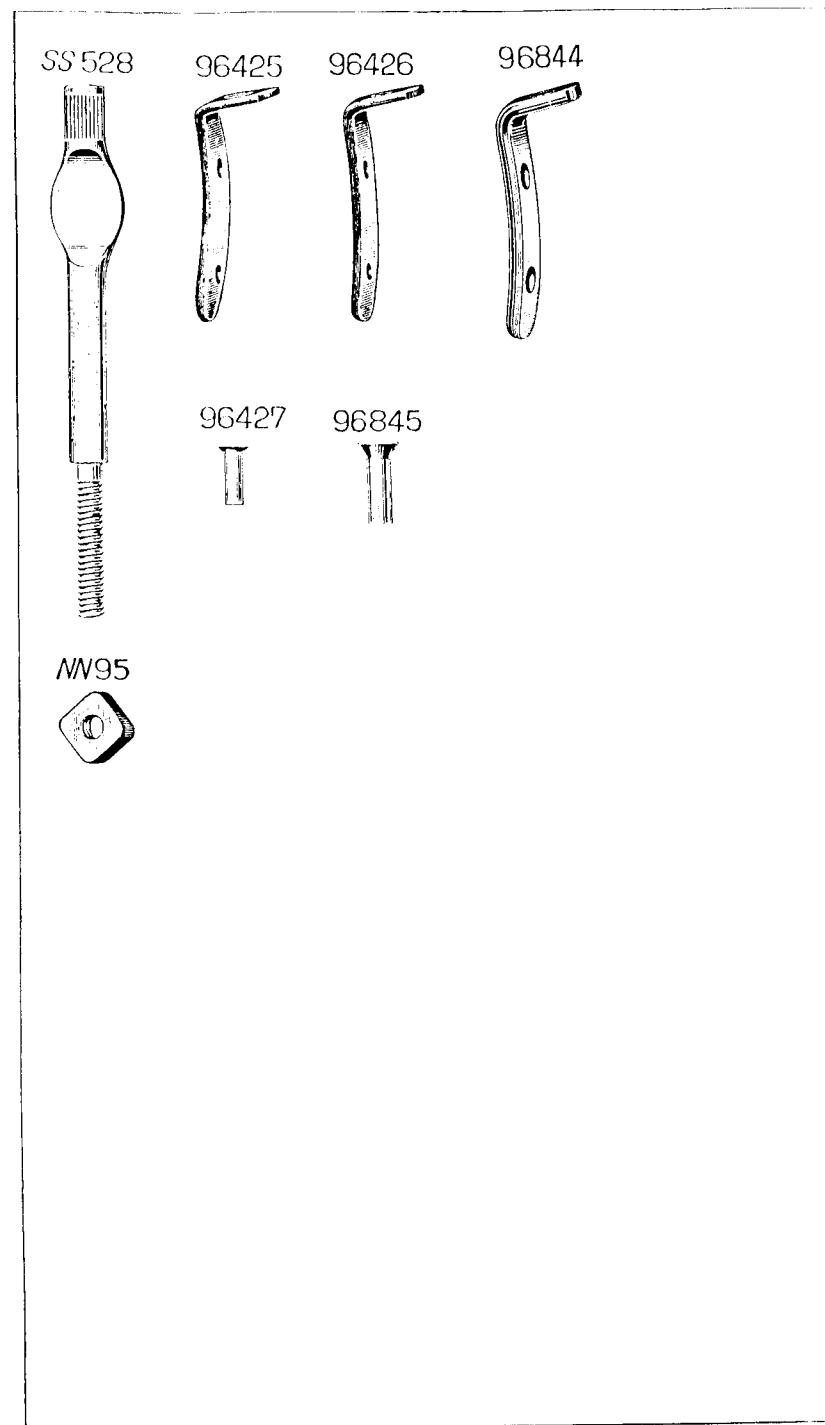
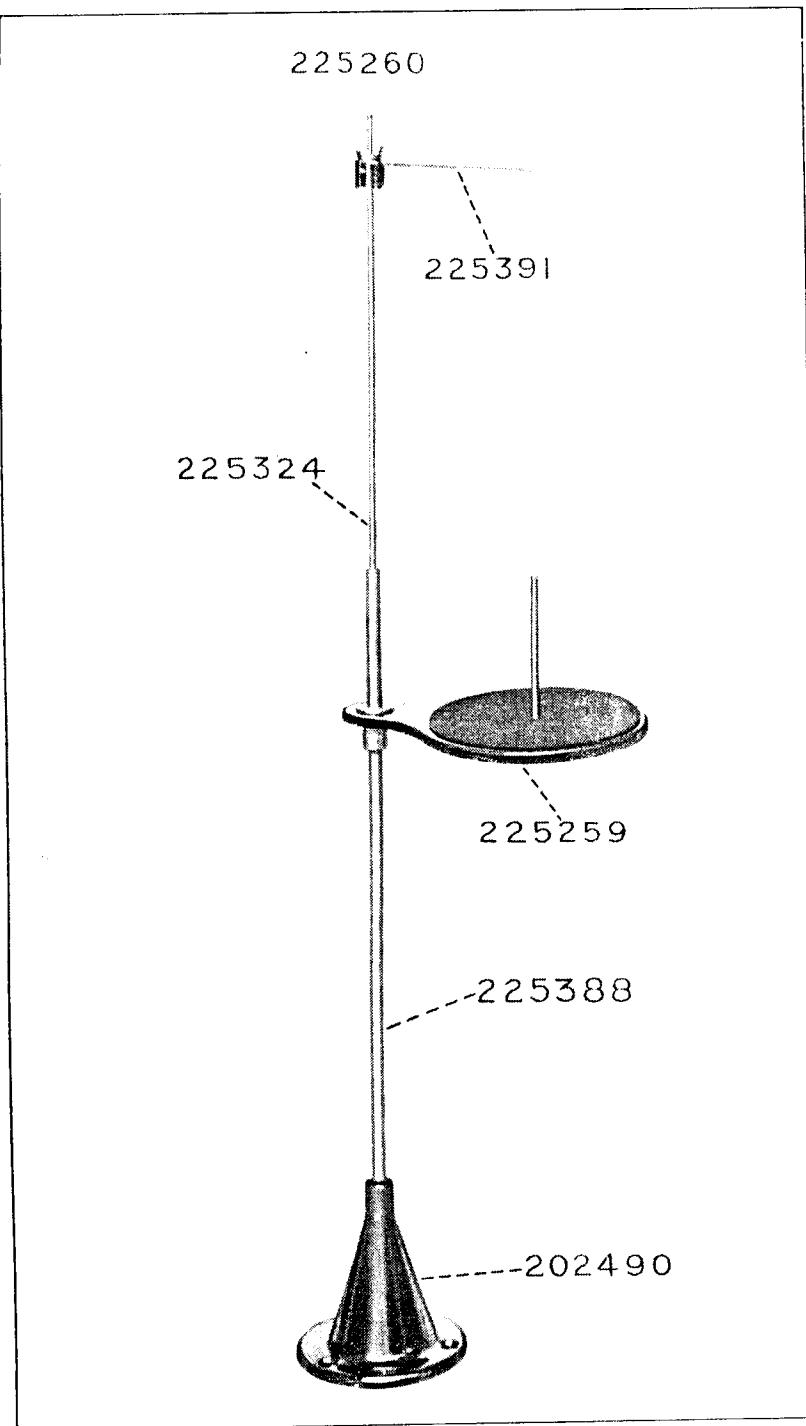
82767



88995

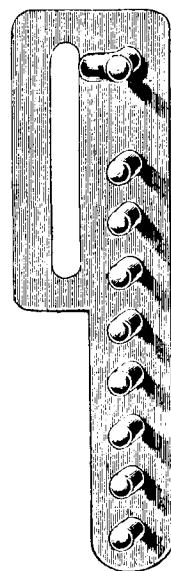
88994



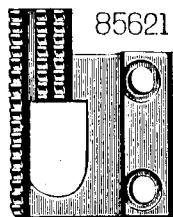


**85623**

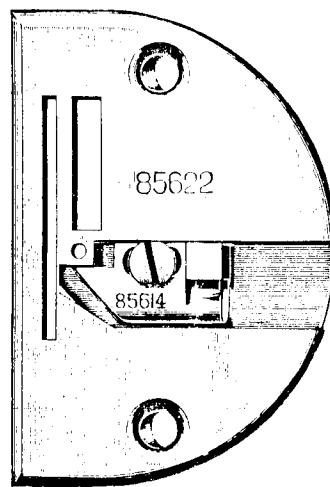
85321



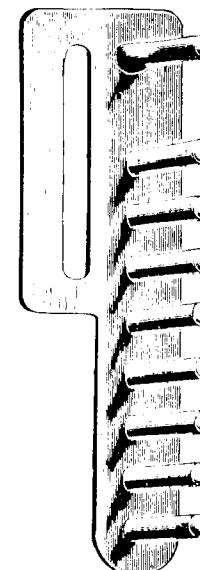
85621



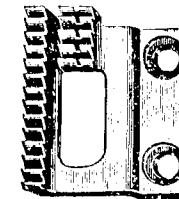
85618



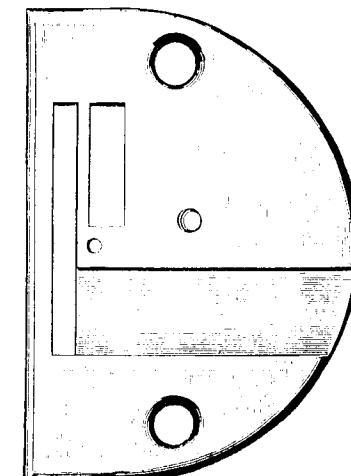
85321



85333



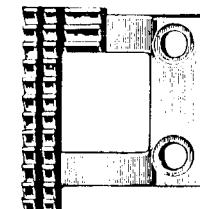
85332



85327

**85344**

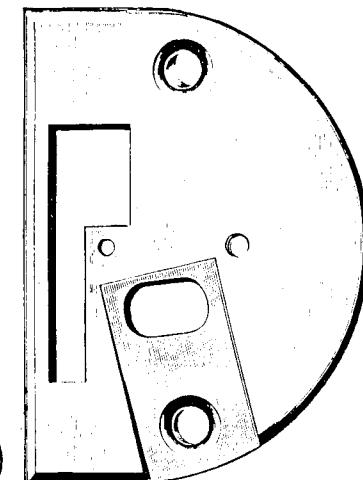
85345



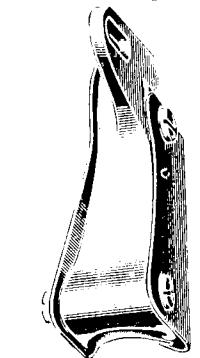
85343



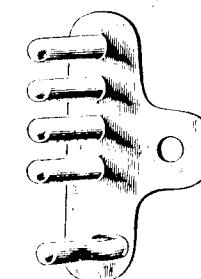
85346



85335

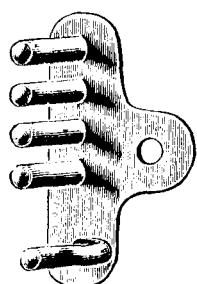


85339

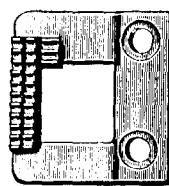


**85582**

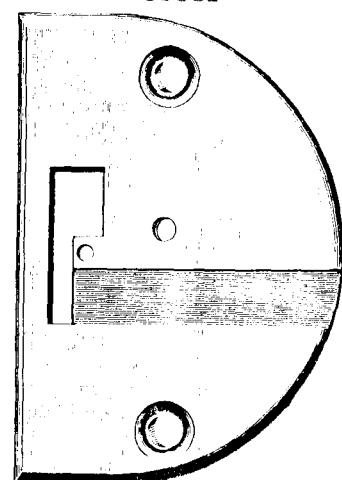
85339



85580



85581



85577



85325



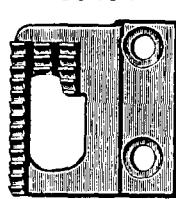
207

**85625**

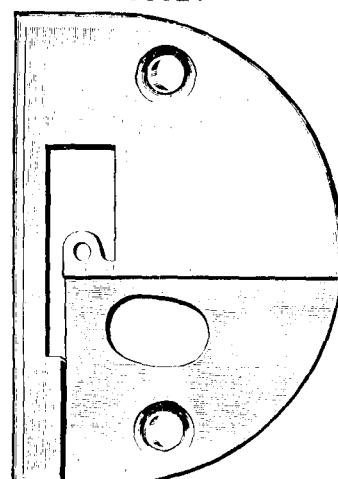
85348



85454



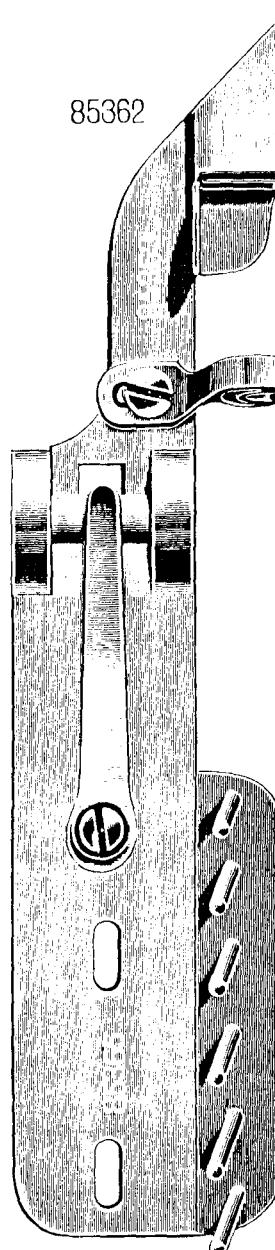
85624



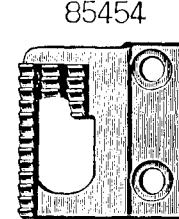
85354



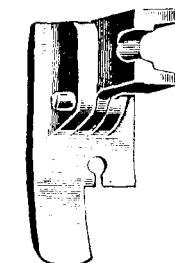
85362



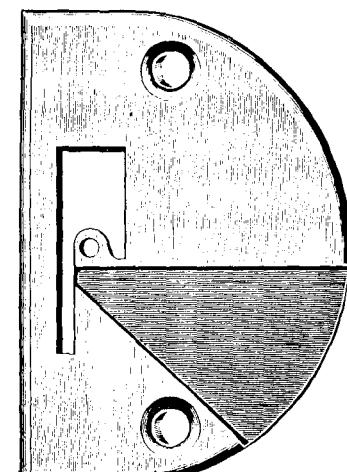
85364

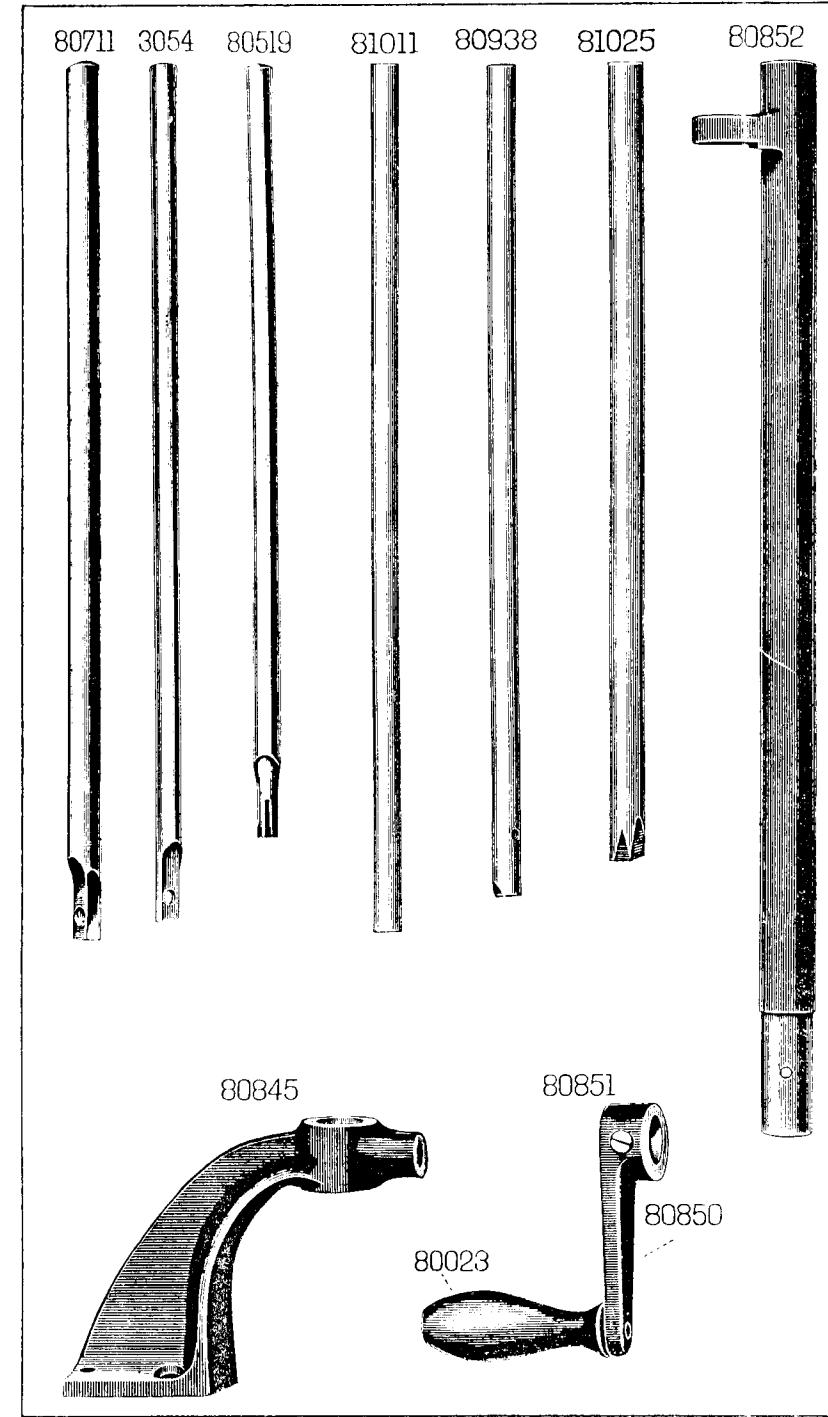
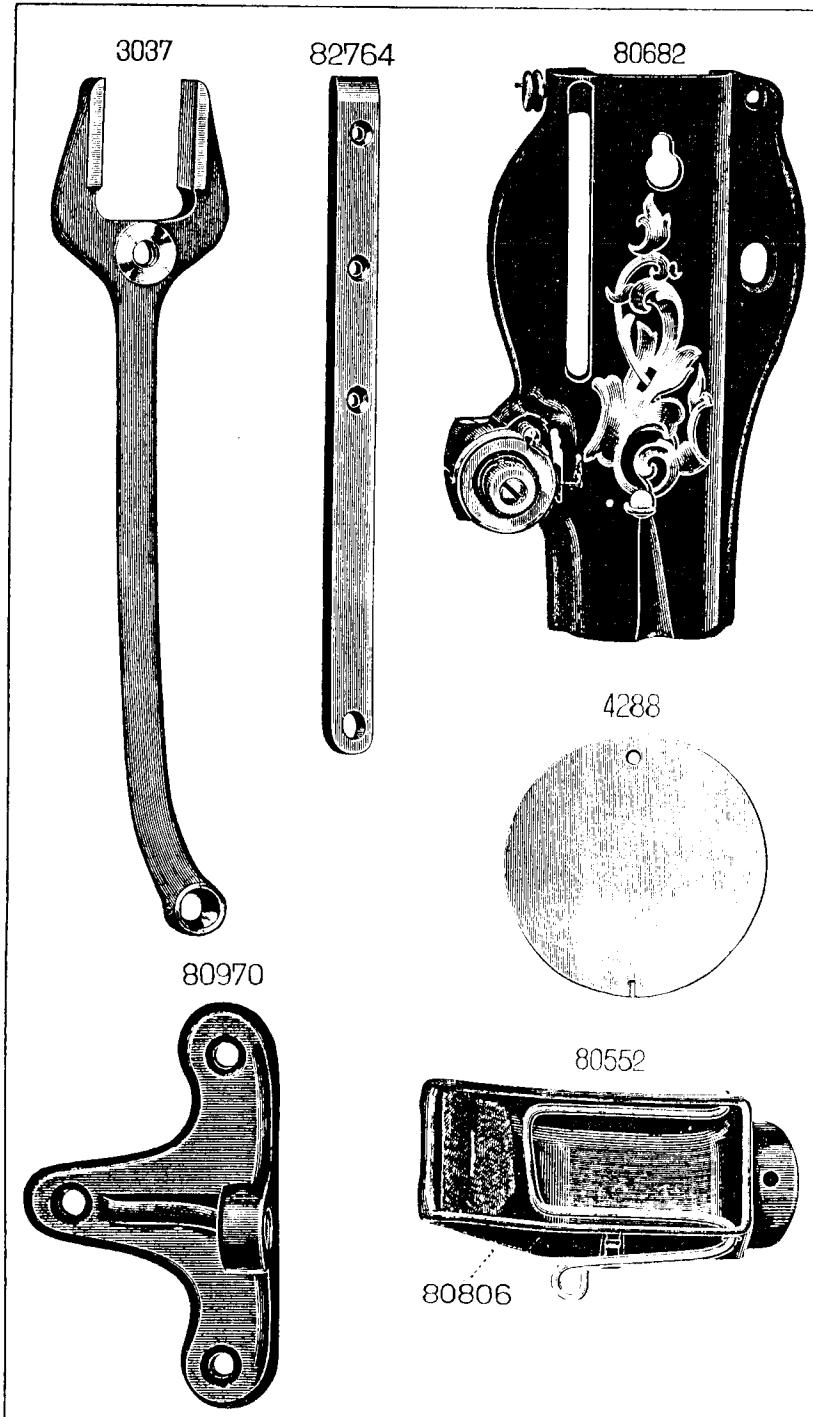


85370



85455

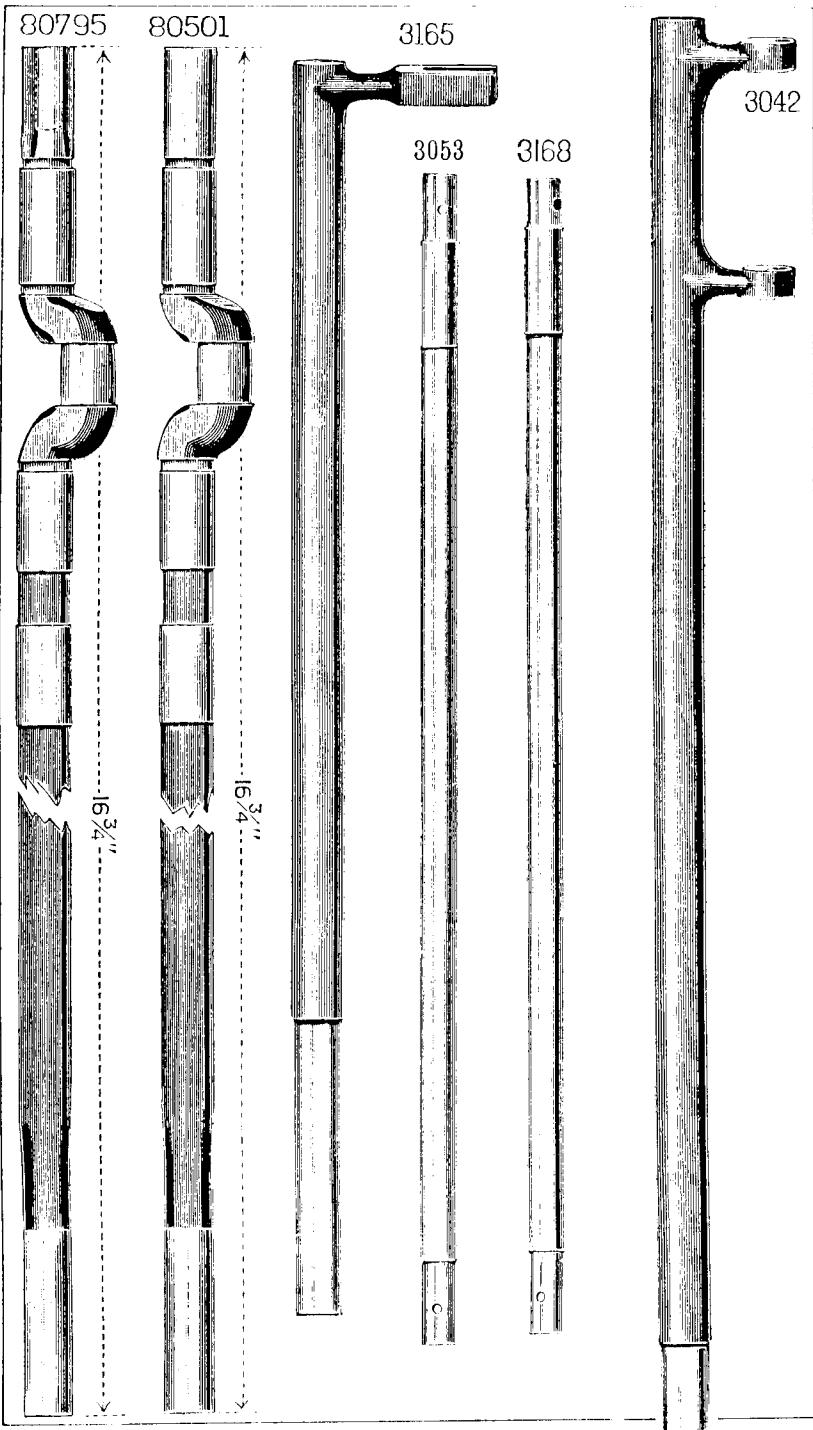




## PLATE 2440

60

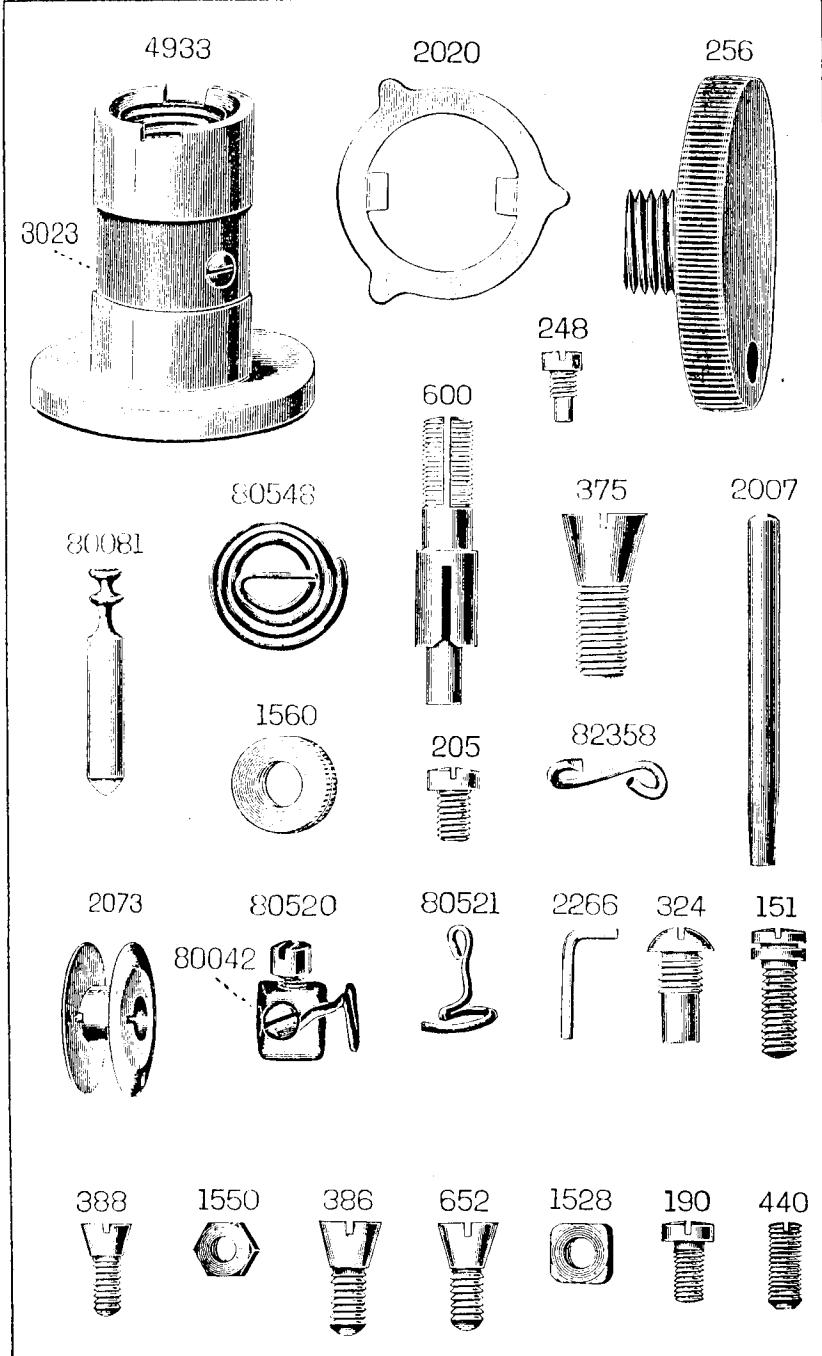
Half Size

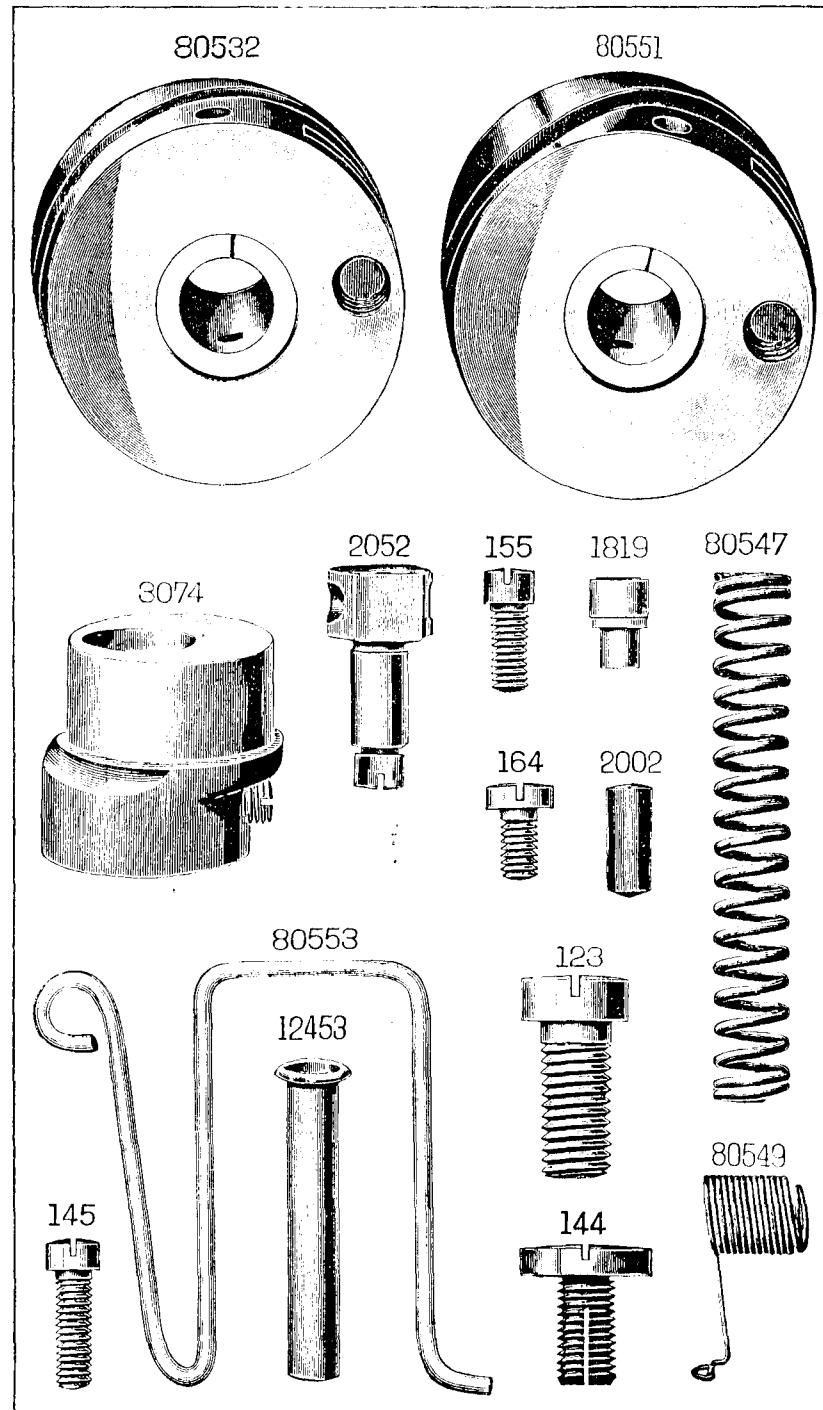
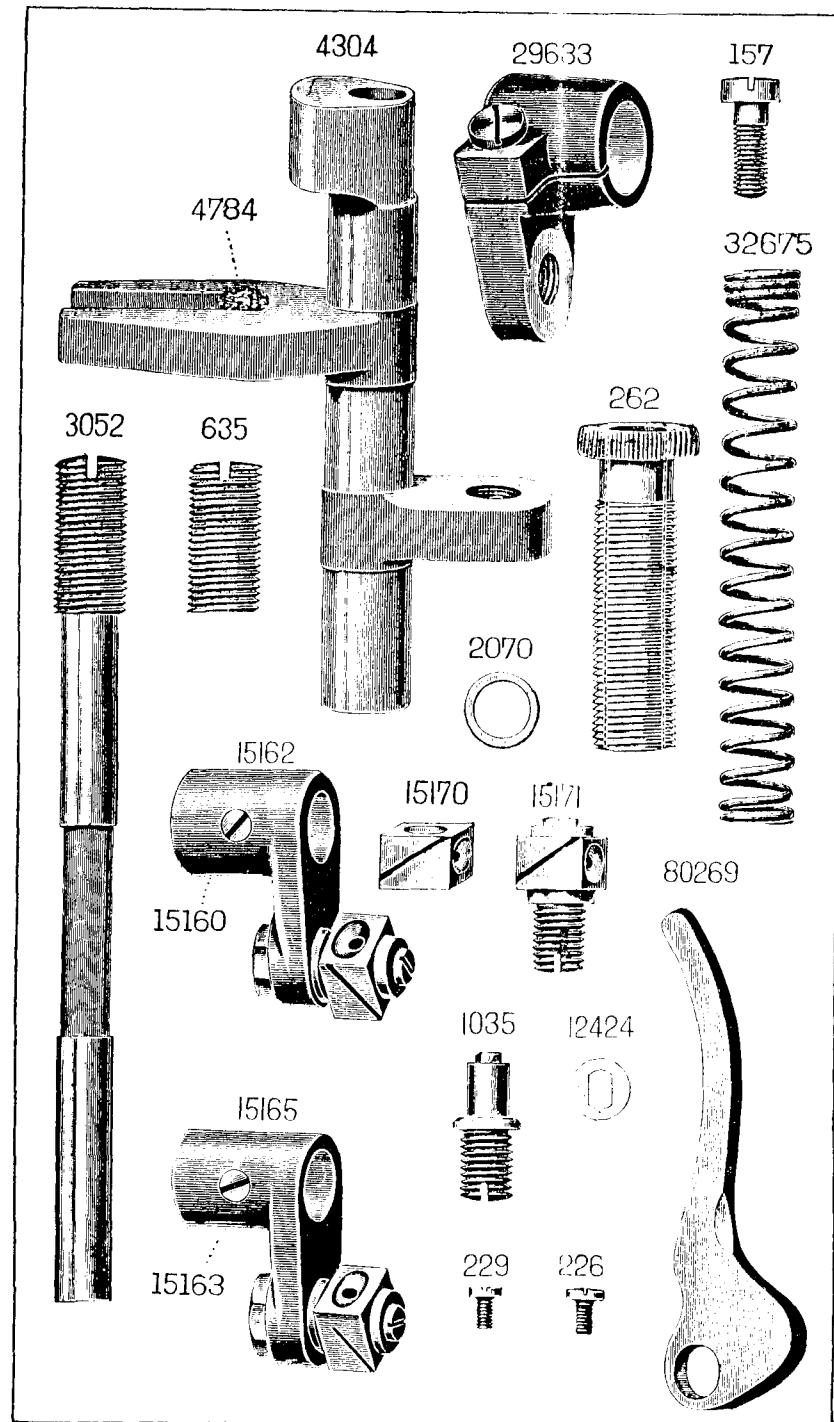


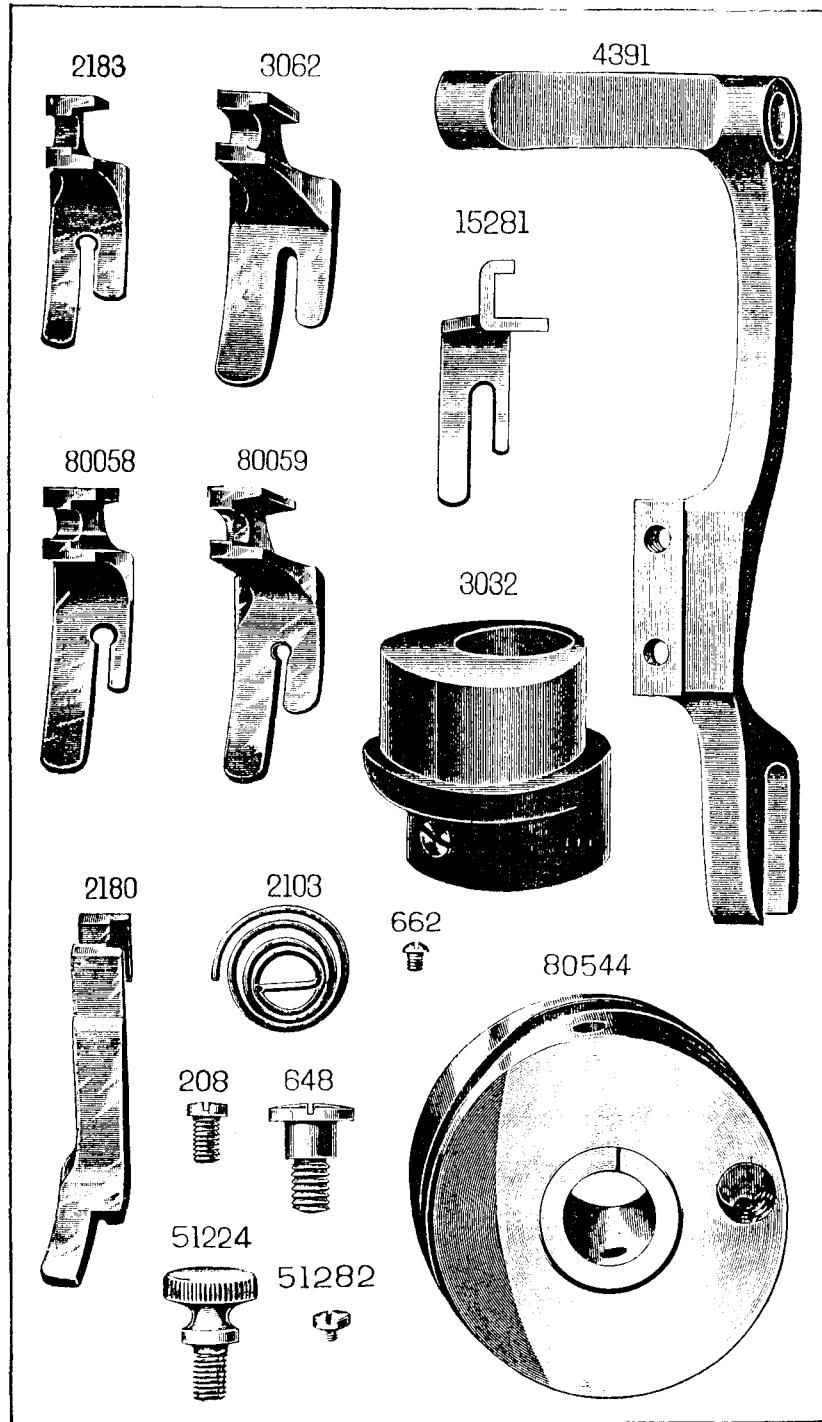
## Full Size

61

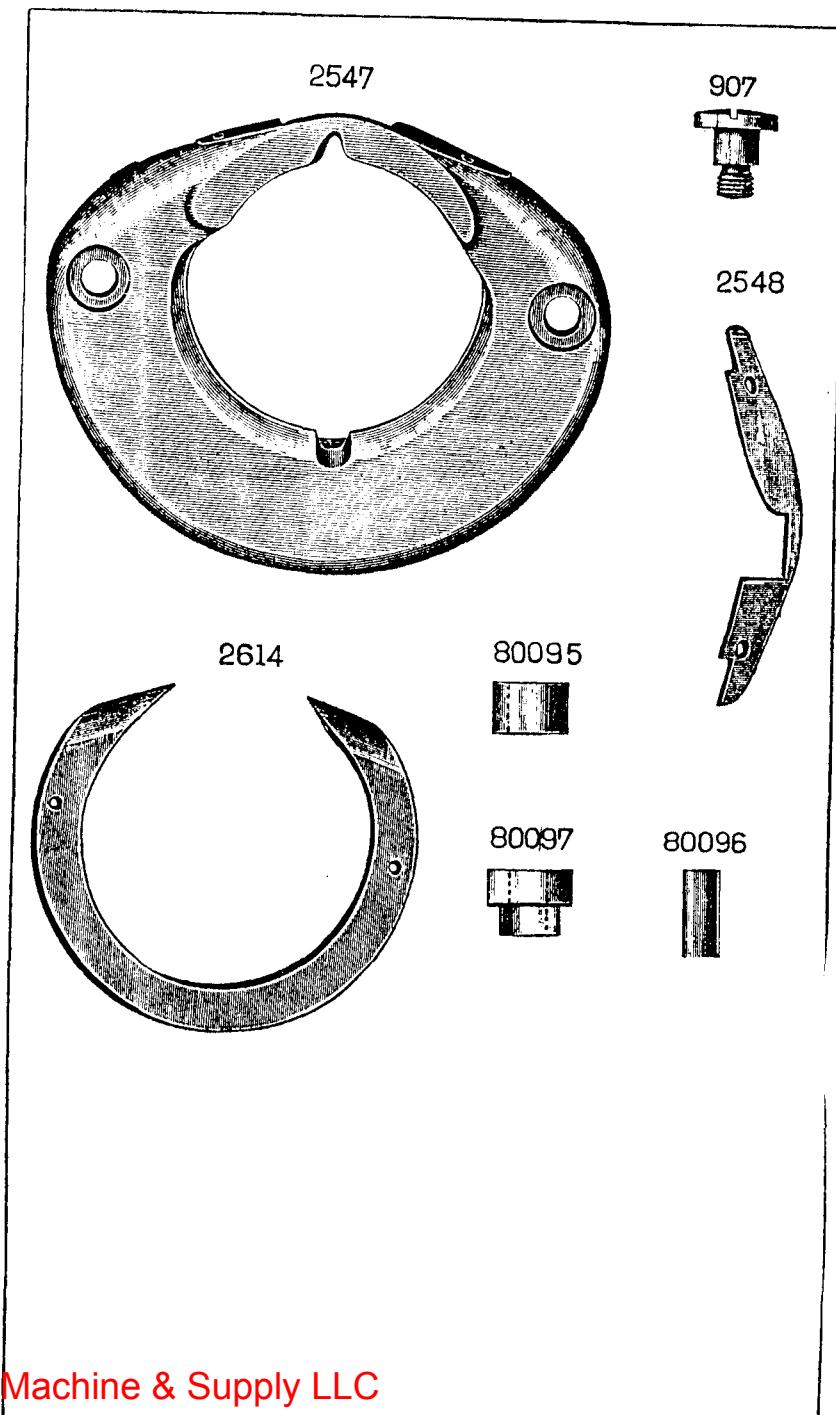
## PLATE 2441

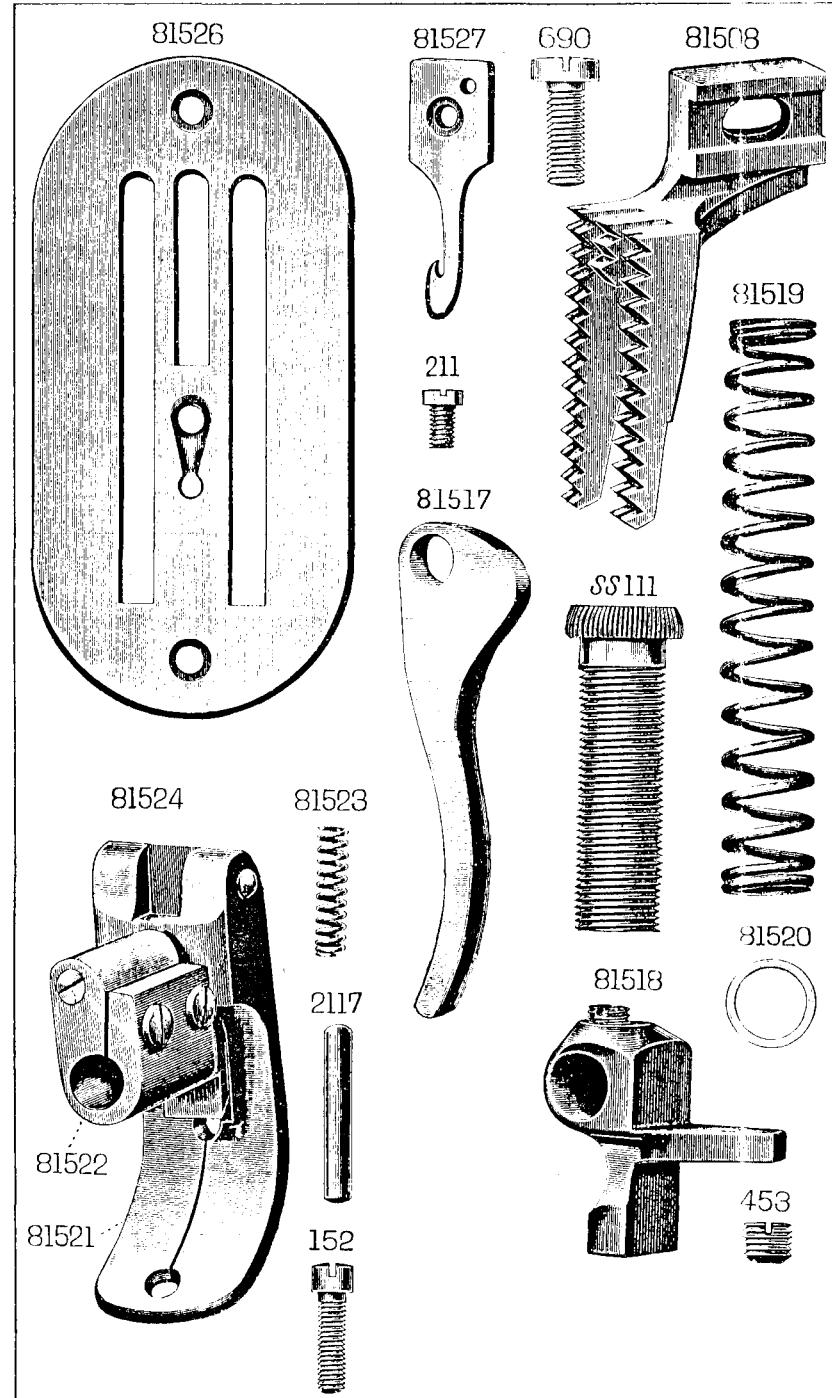
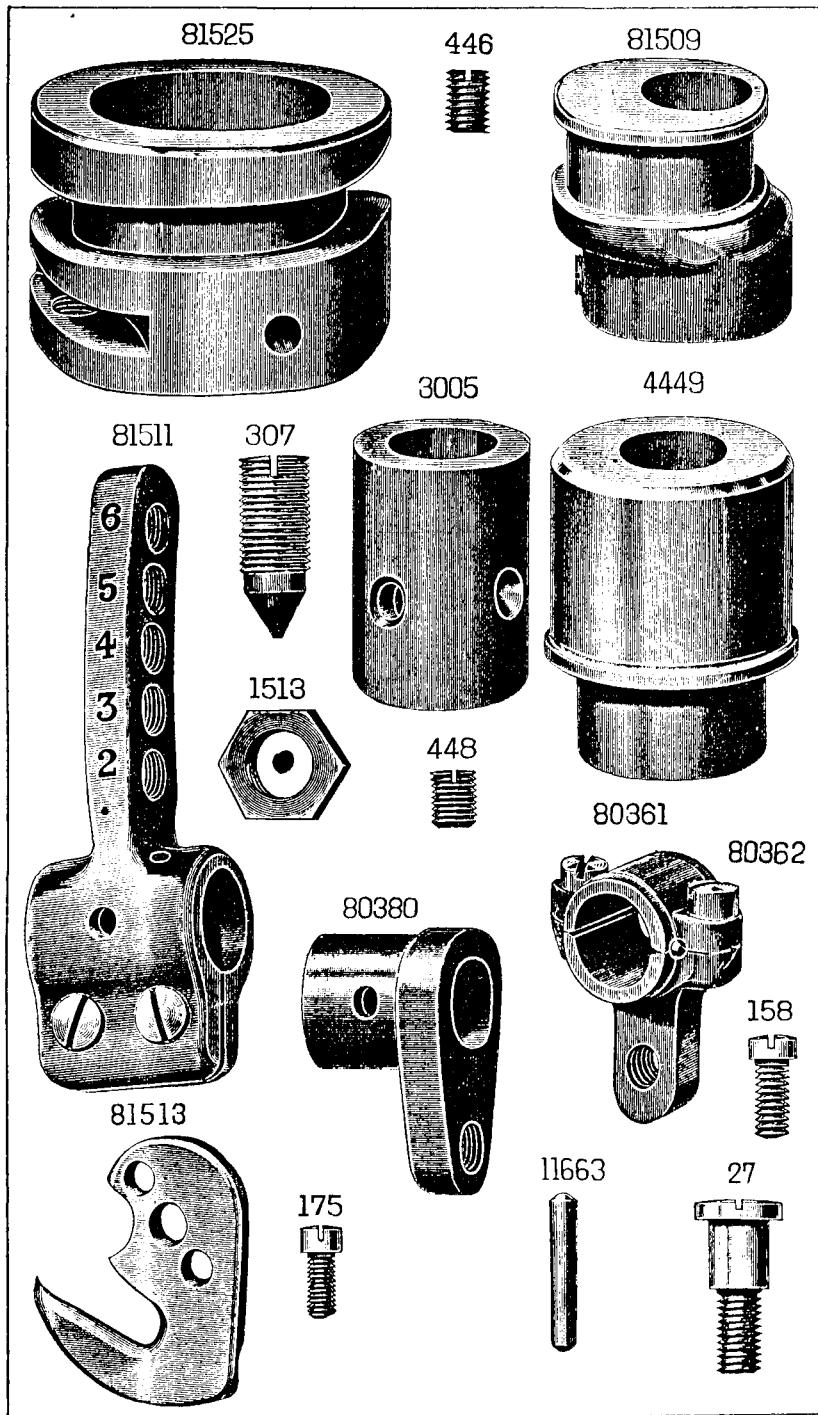


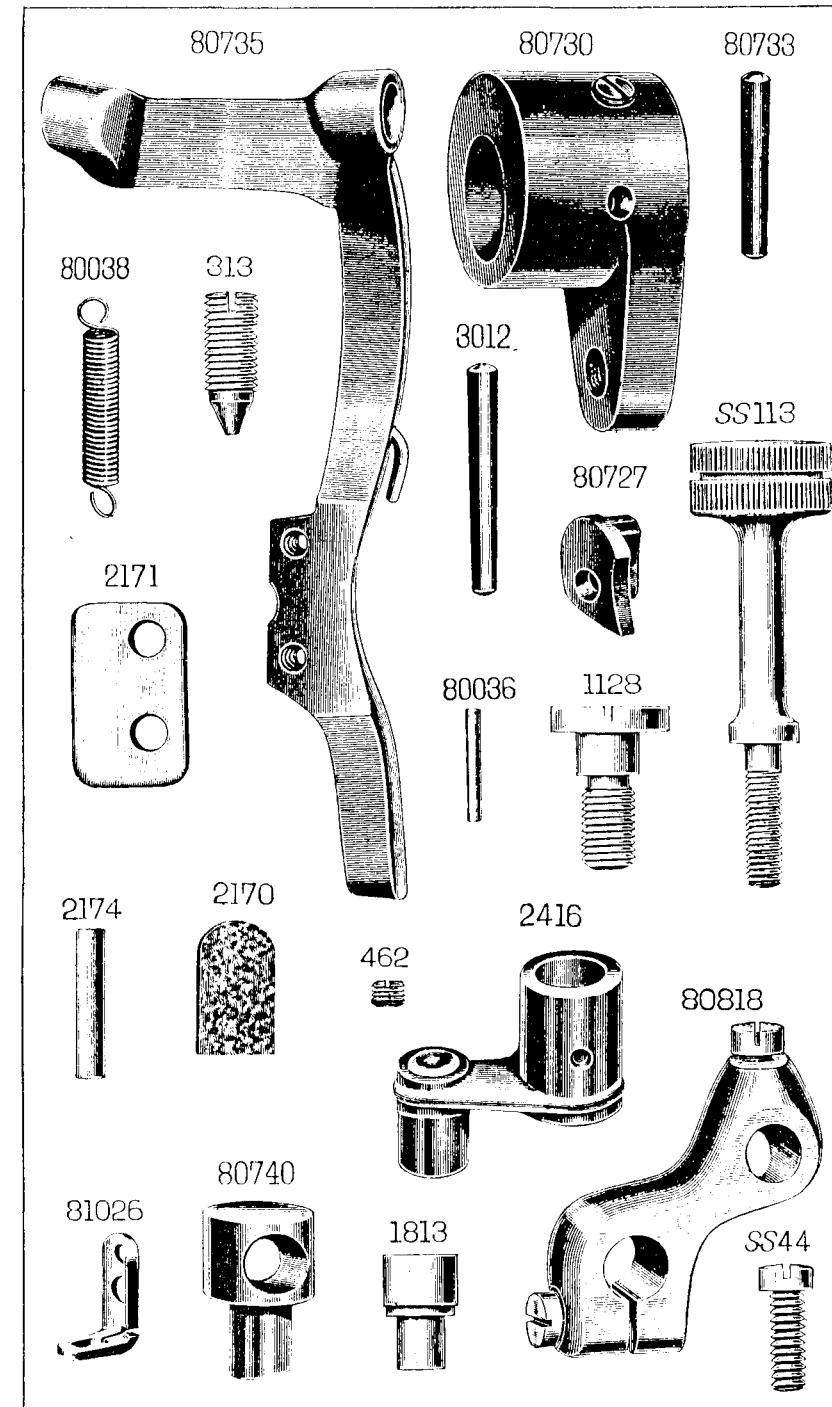
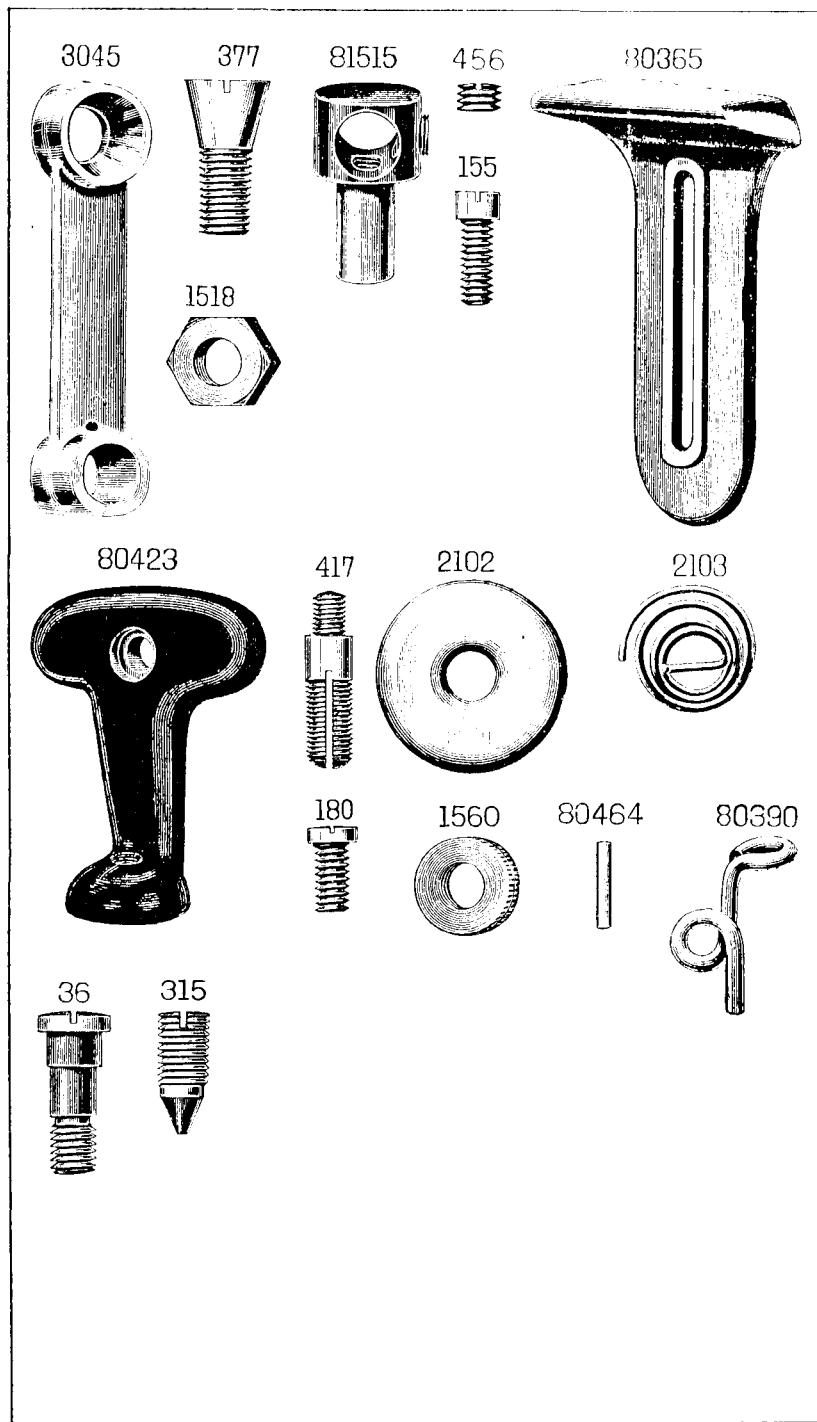


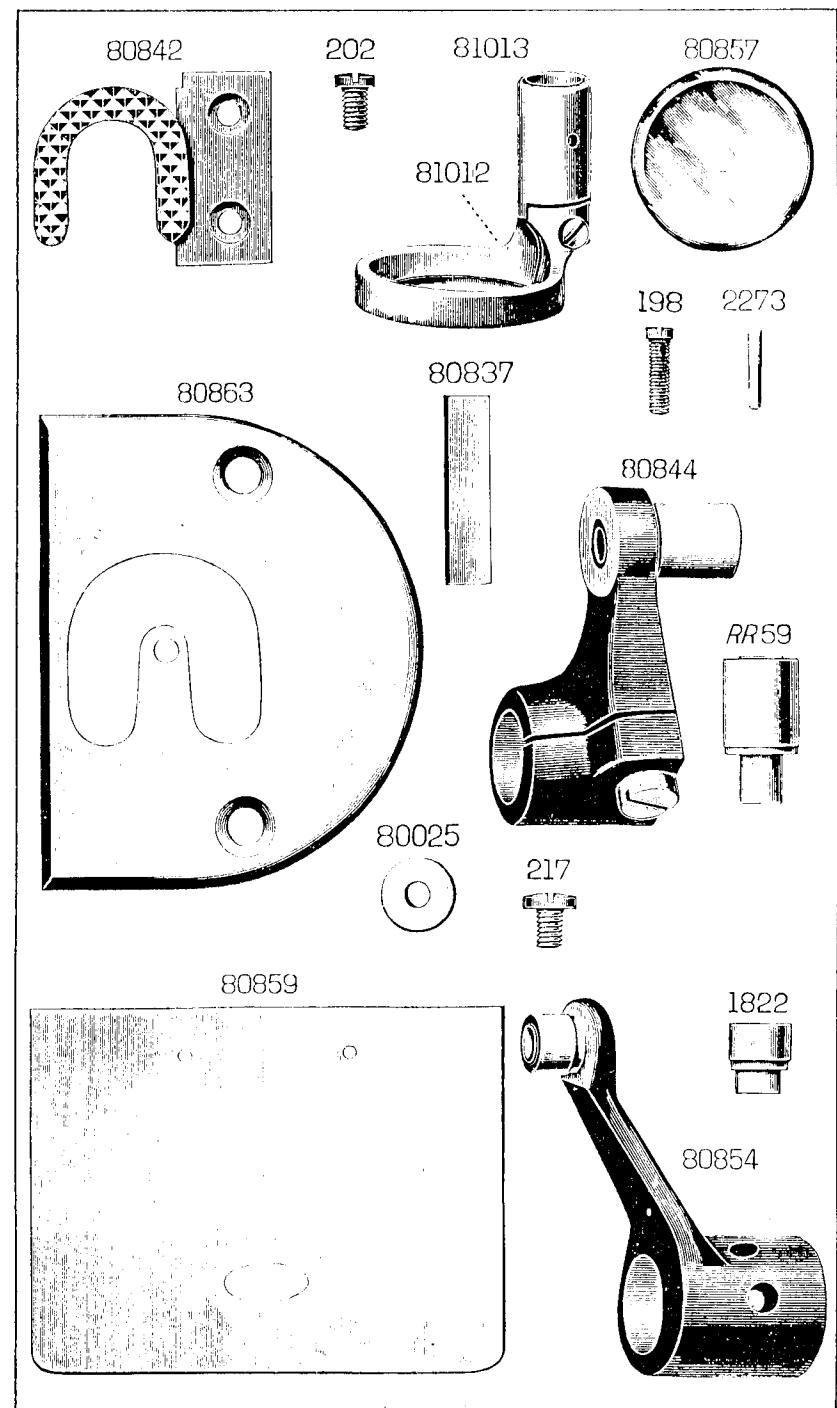
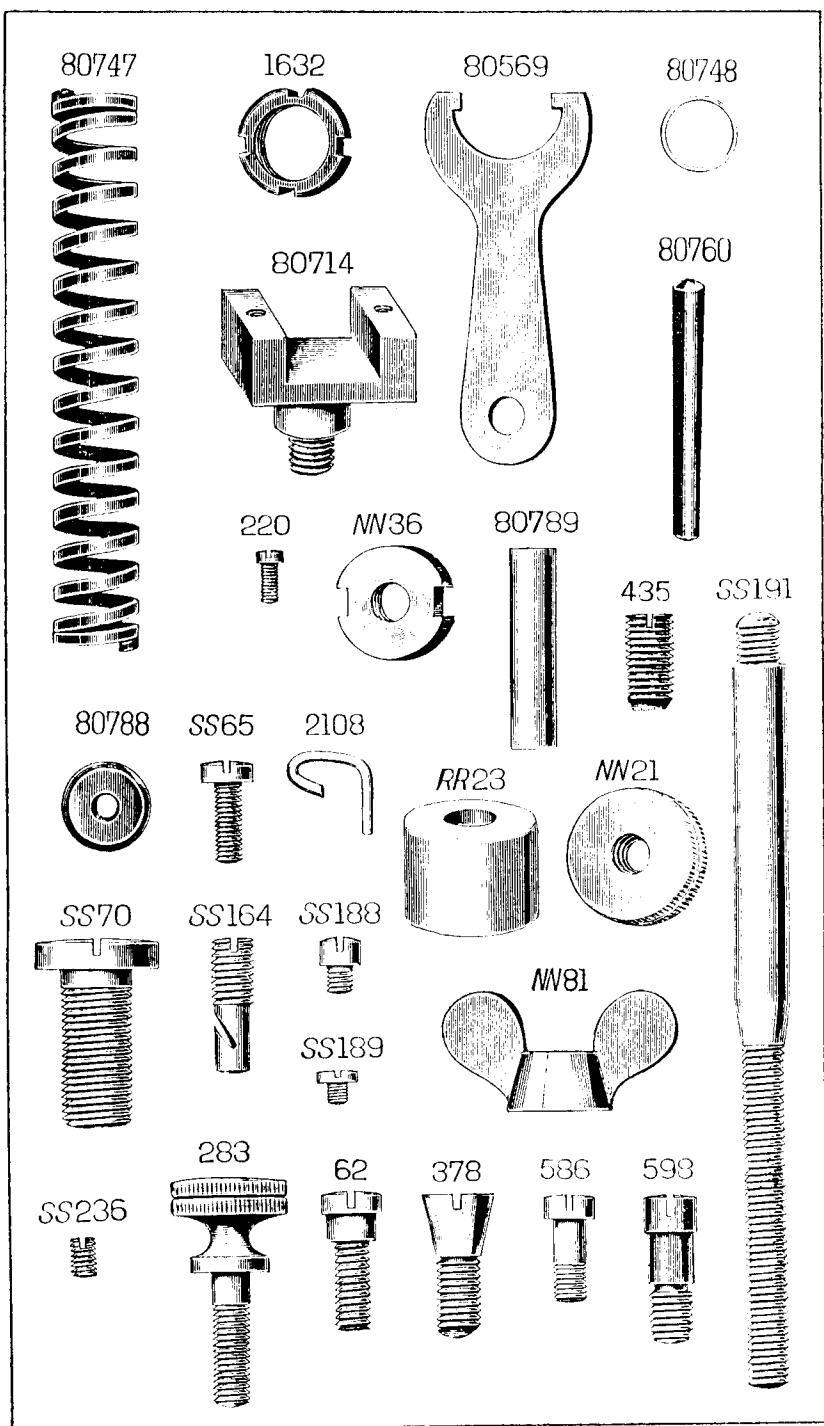


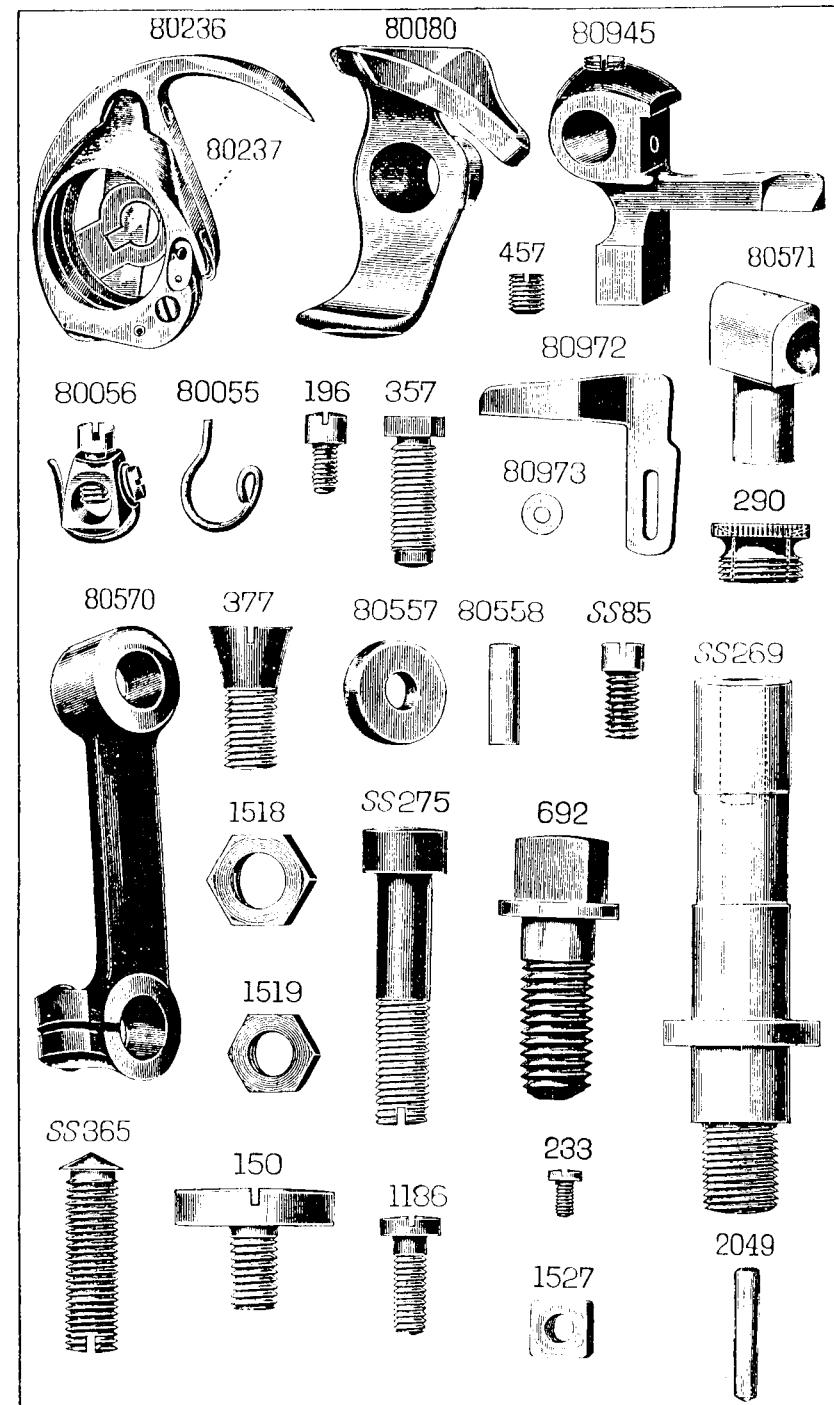
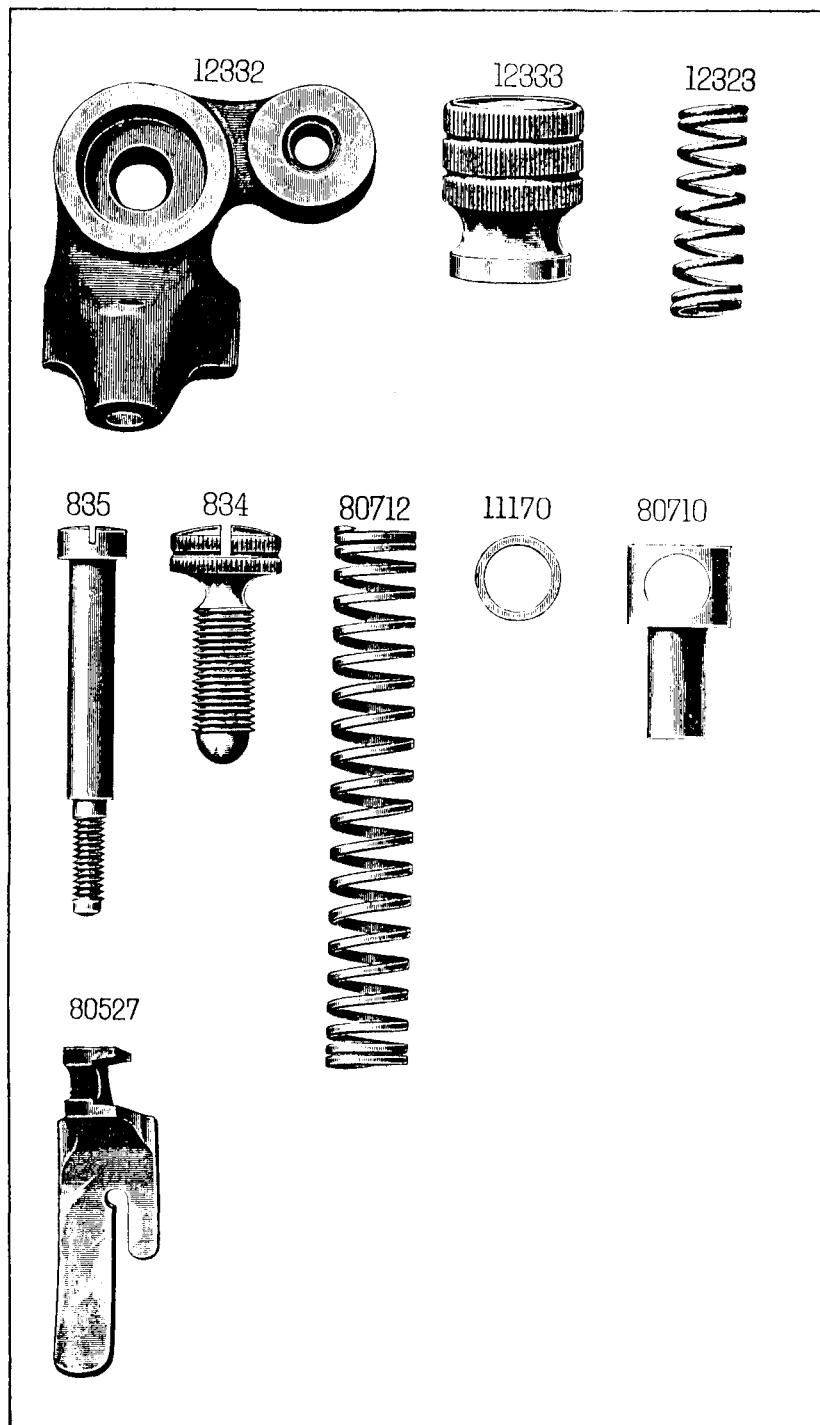
INSERT in FORM K5697 (List of Parts for 16K Machines)  
in place of PLATE 2445

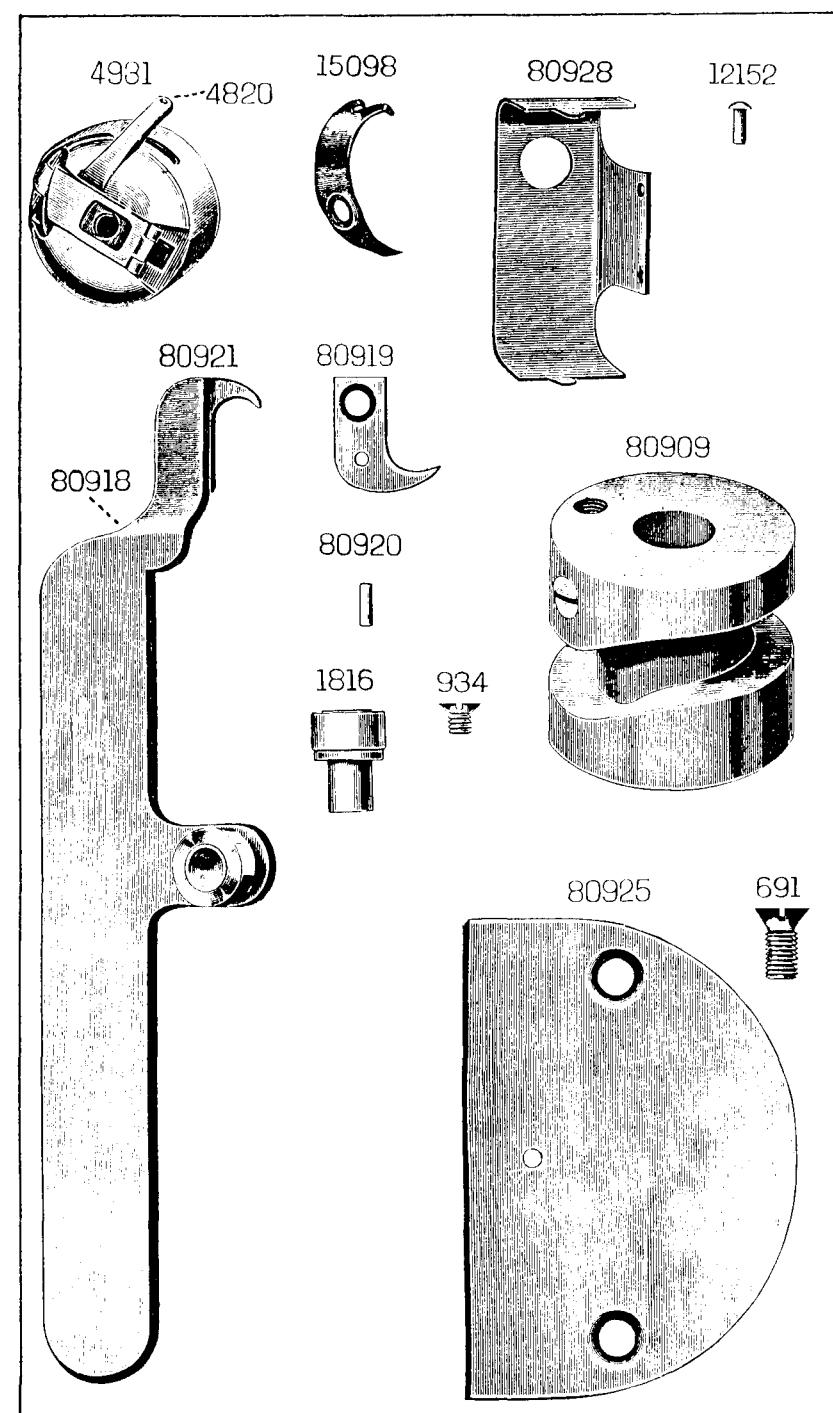
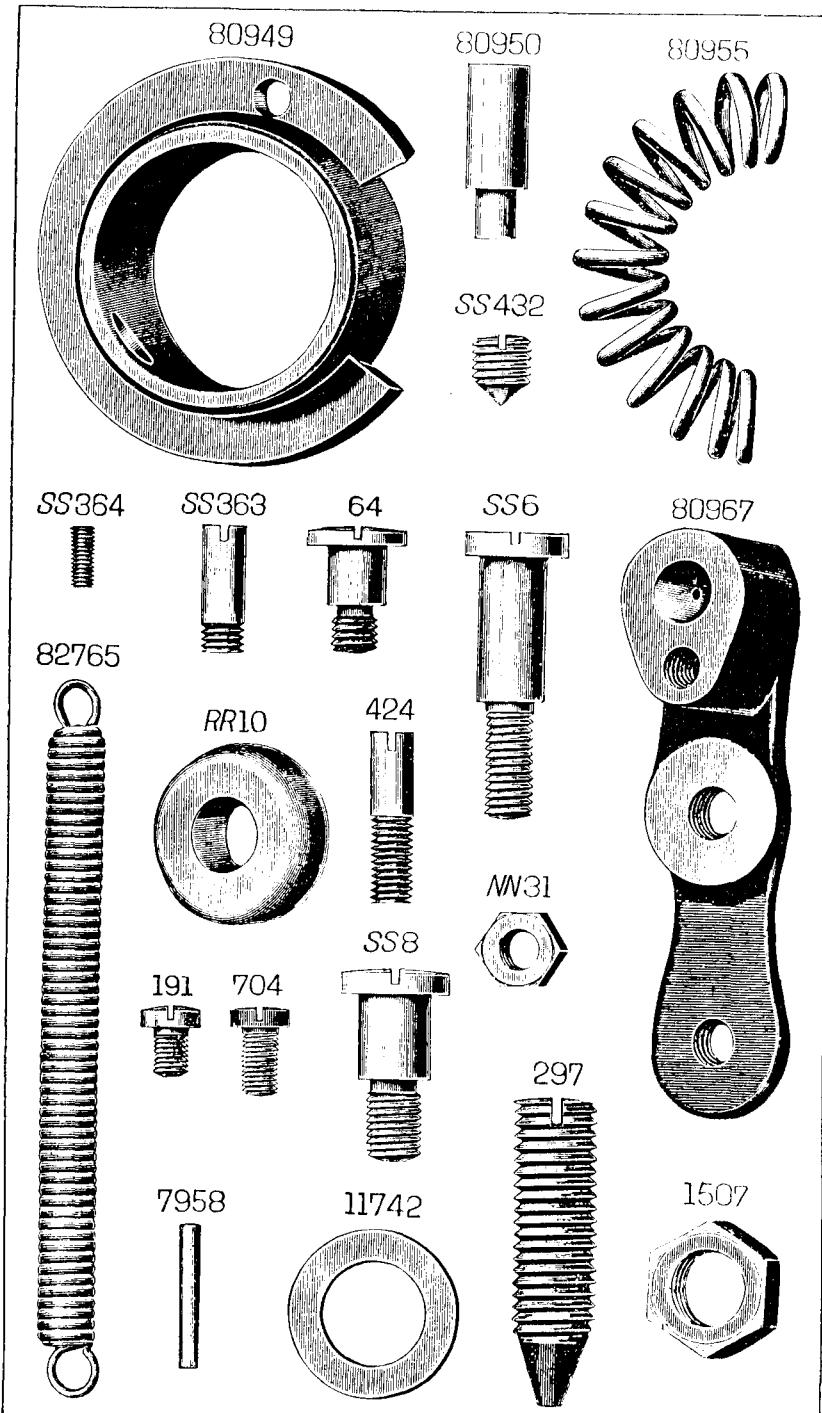


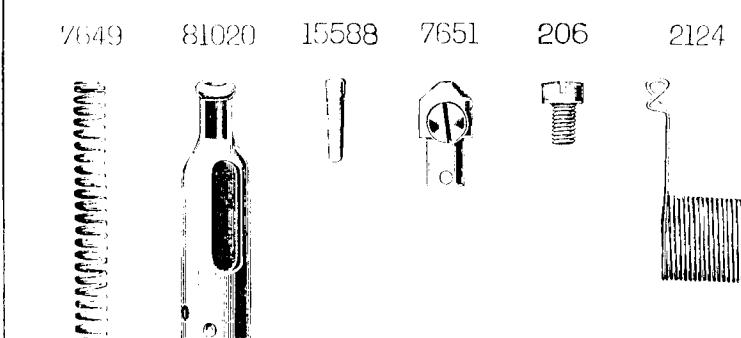
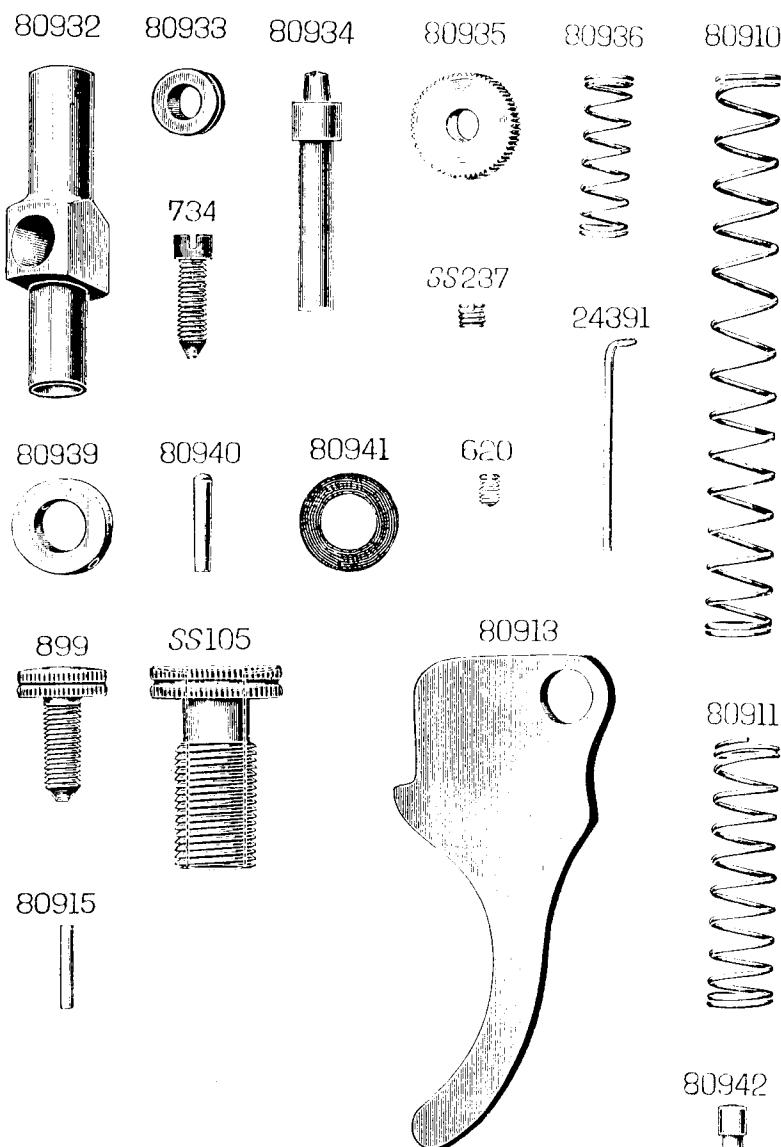


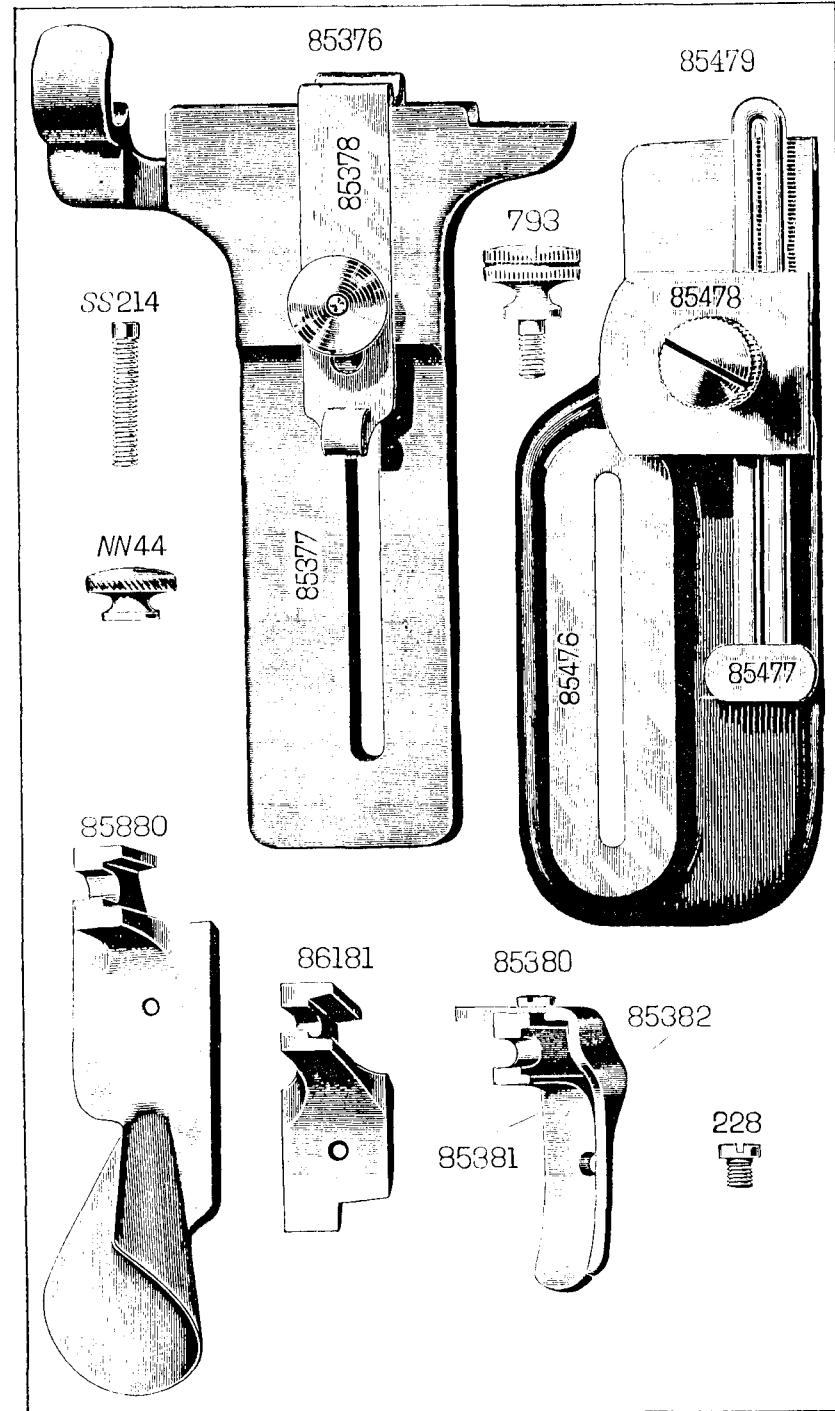
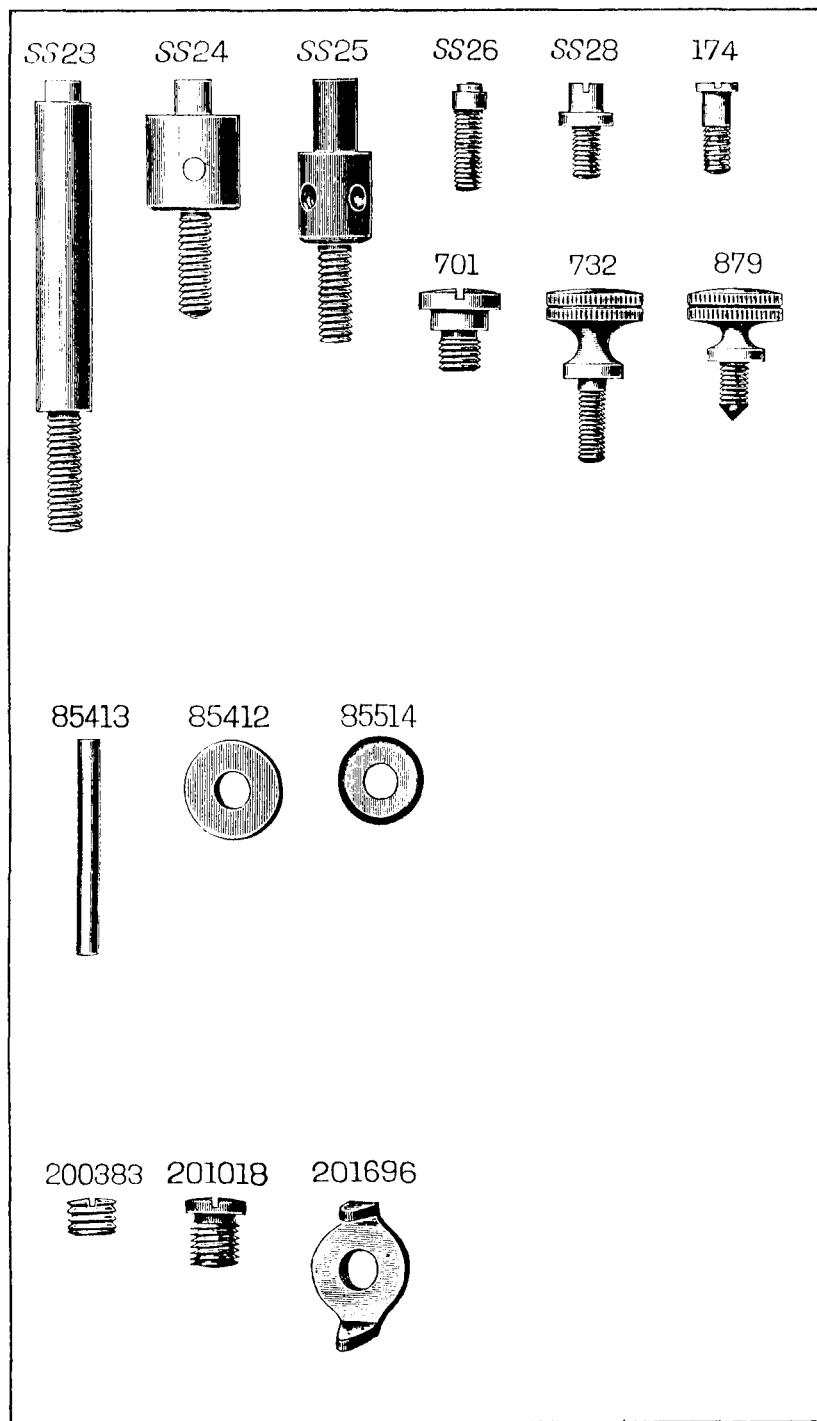


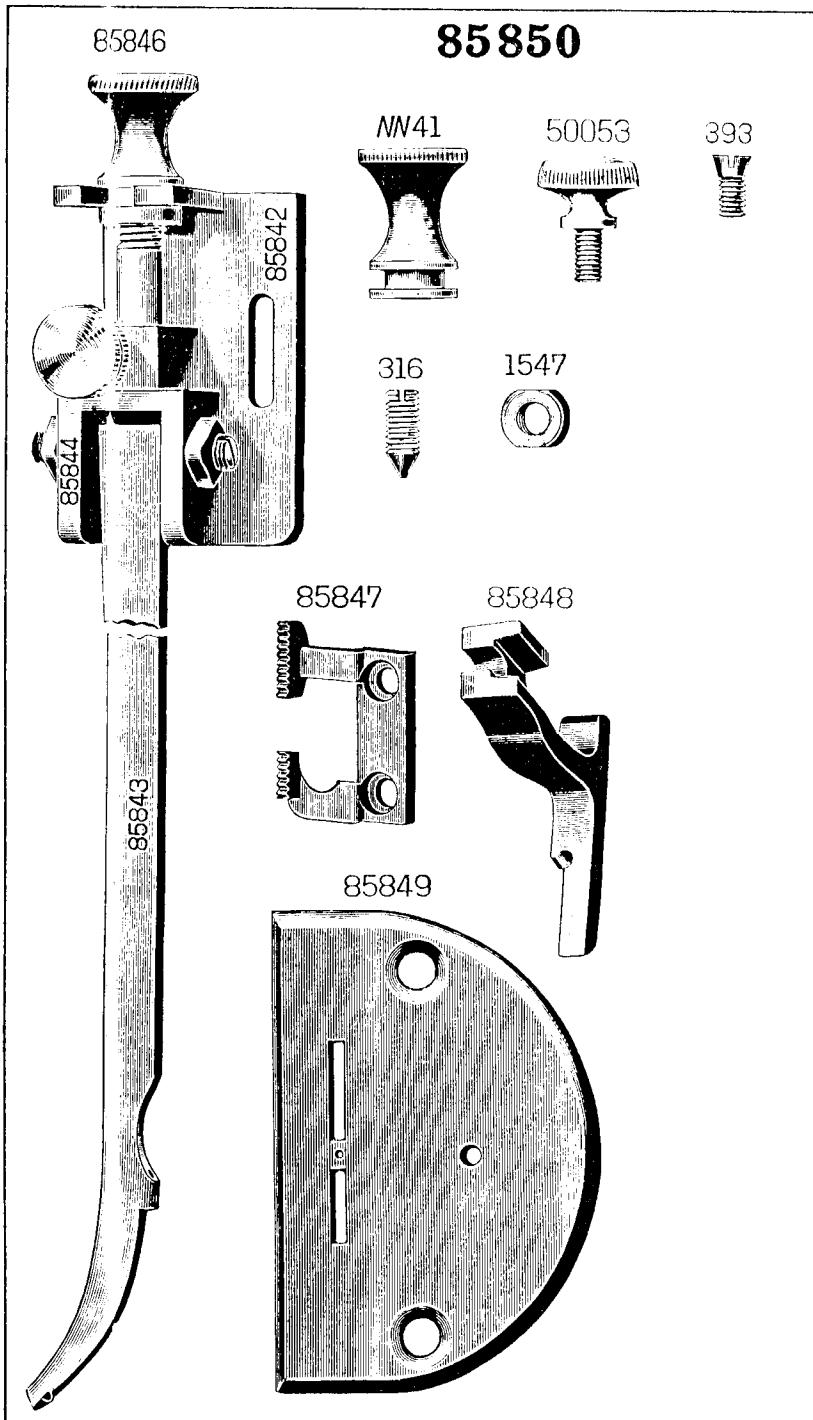
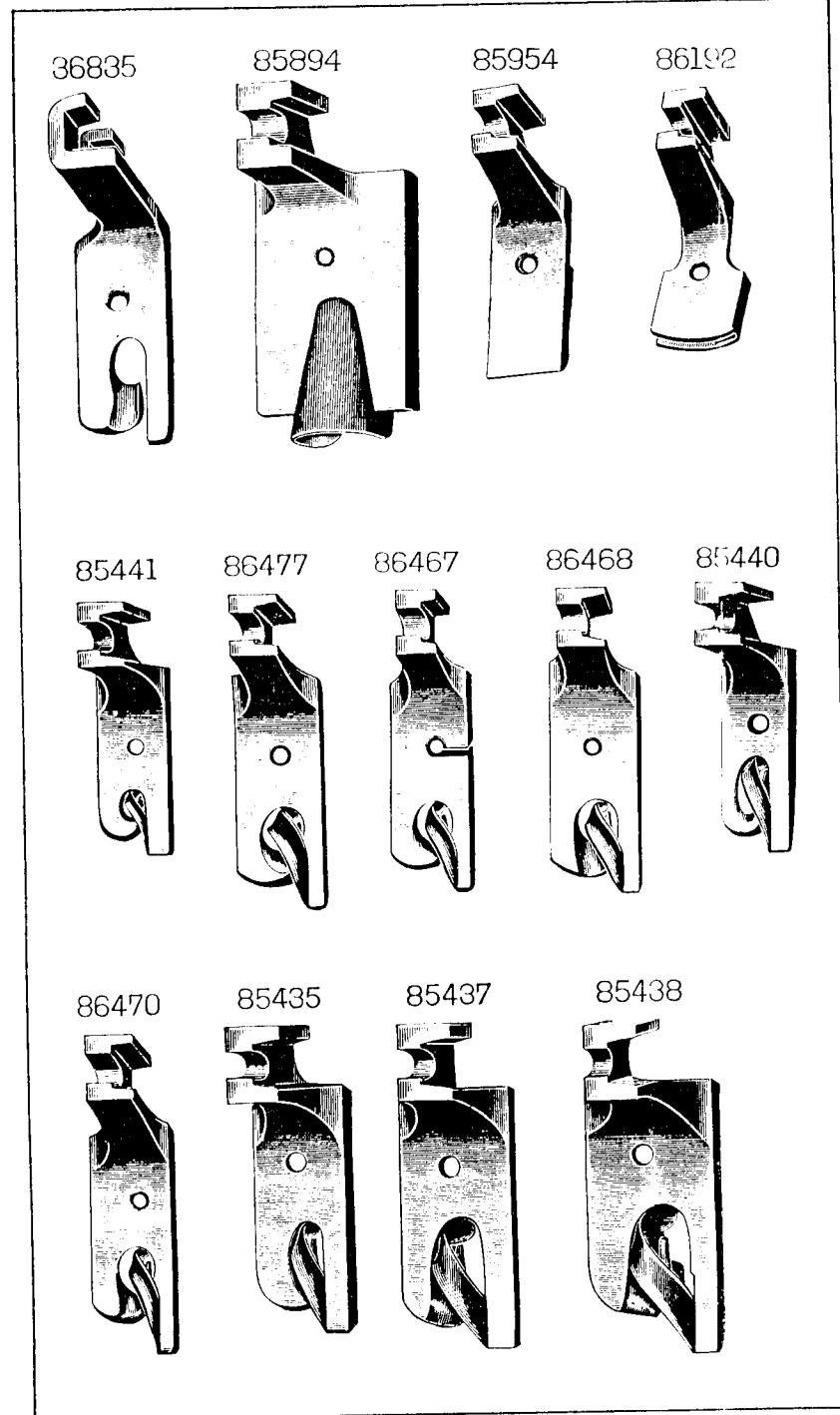










**85850**

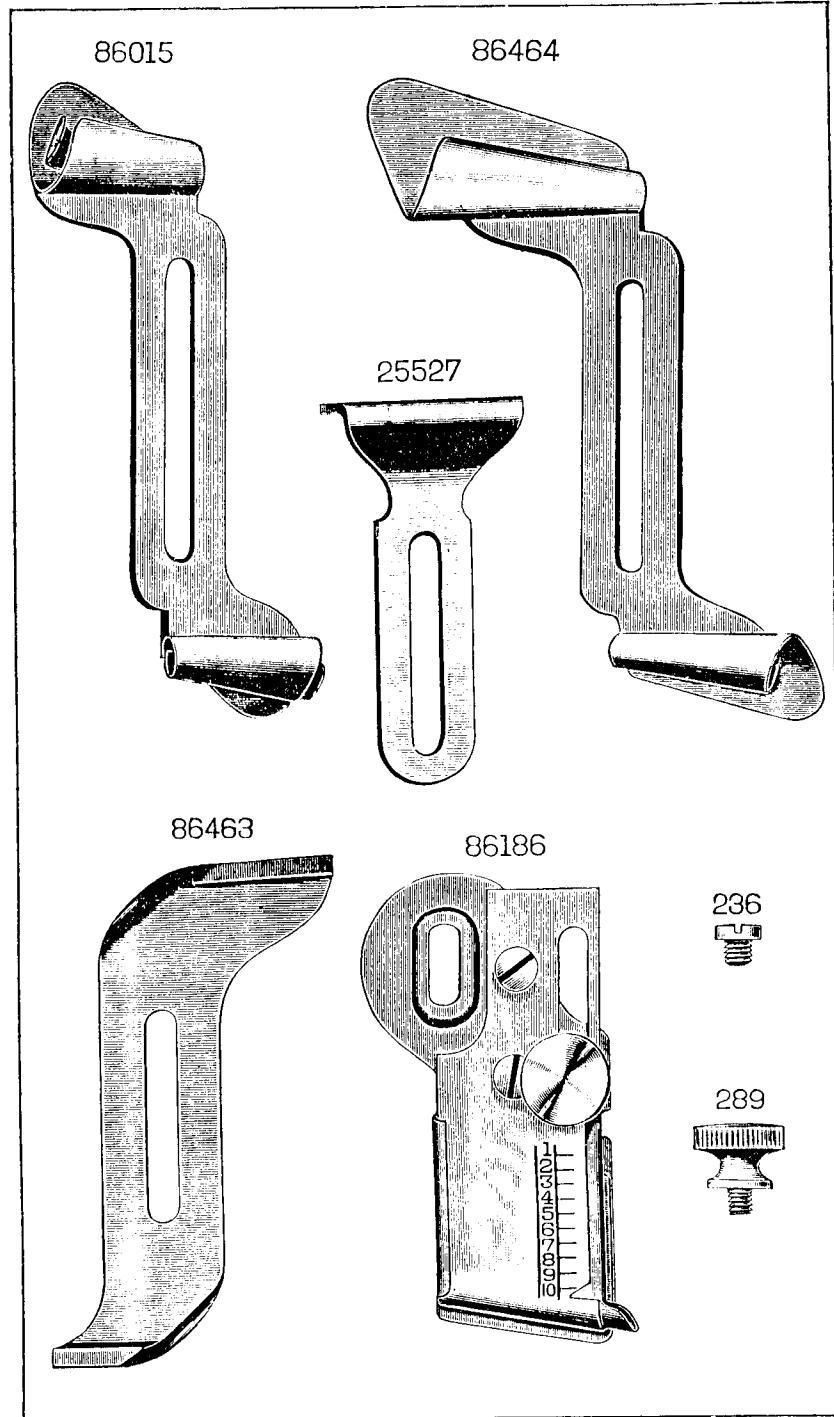
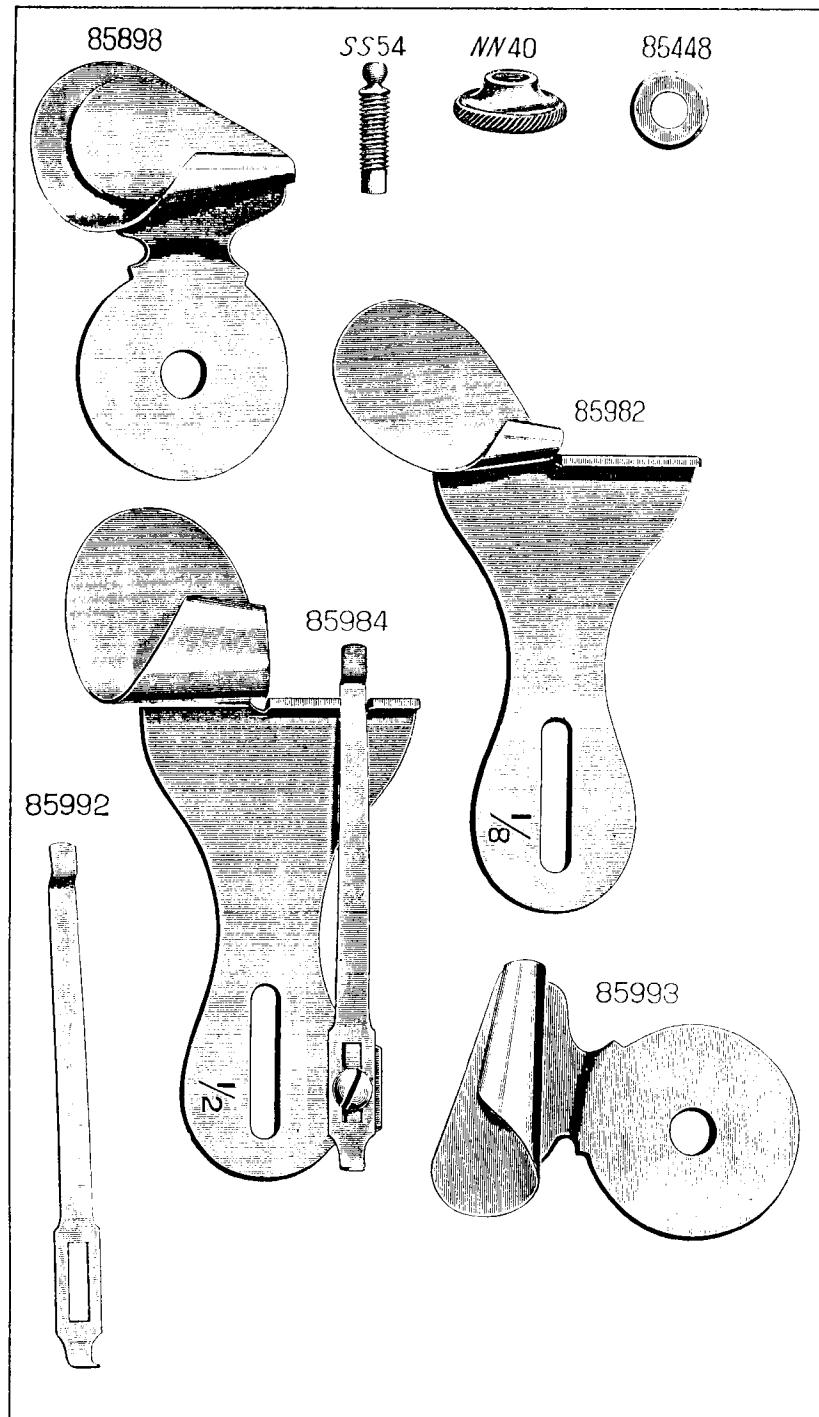
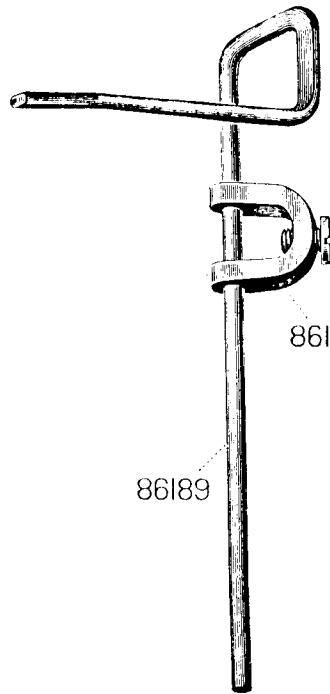


PLATE 2464

84

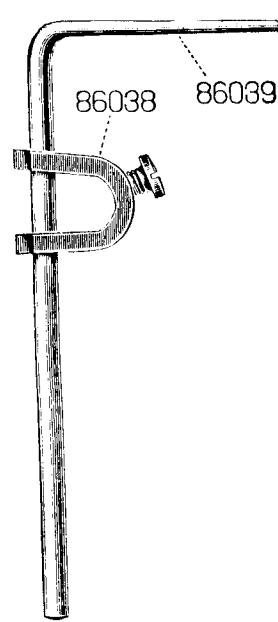
Full Size

86191



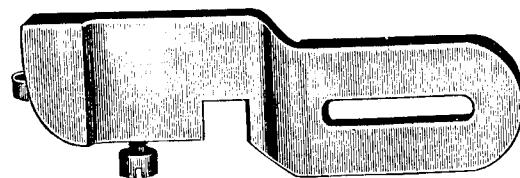
86190

86040



86189

85371



85375



Half Size

85

PLATE 2465

80876

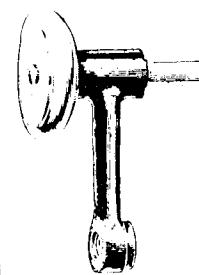
80875



2462

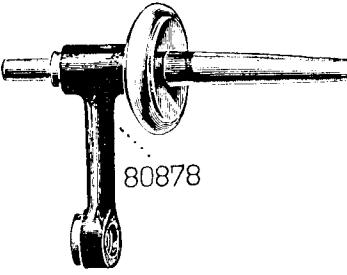
80878

80887



80879

80880

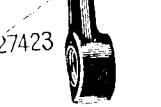


80880

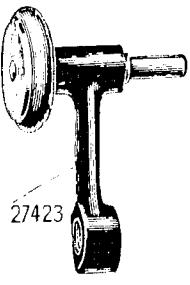
80882



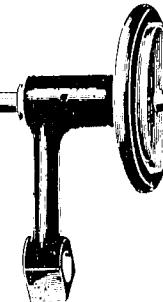
84106



84111



80258



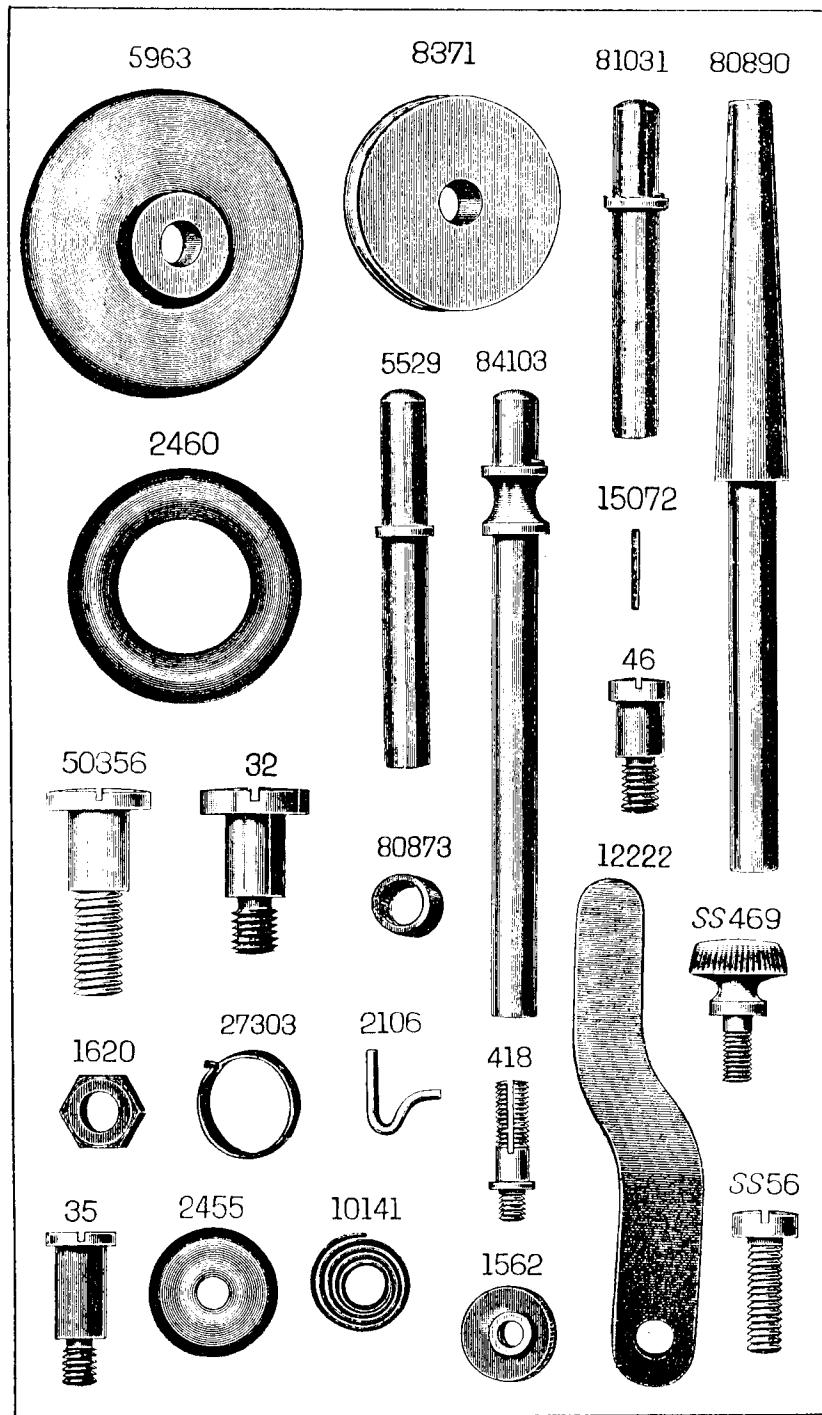
27423

27423

PLATE 2466

86

Full Size



Full Size

87

PLATE 2467

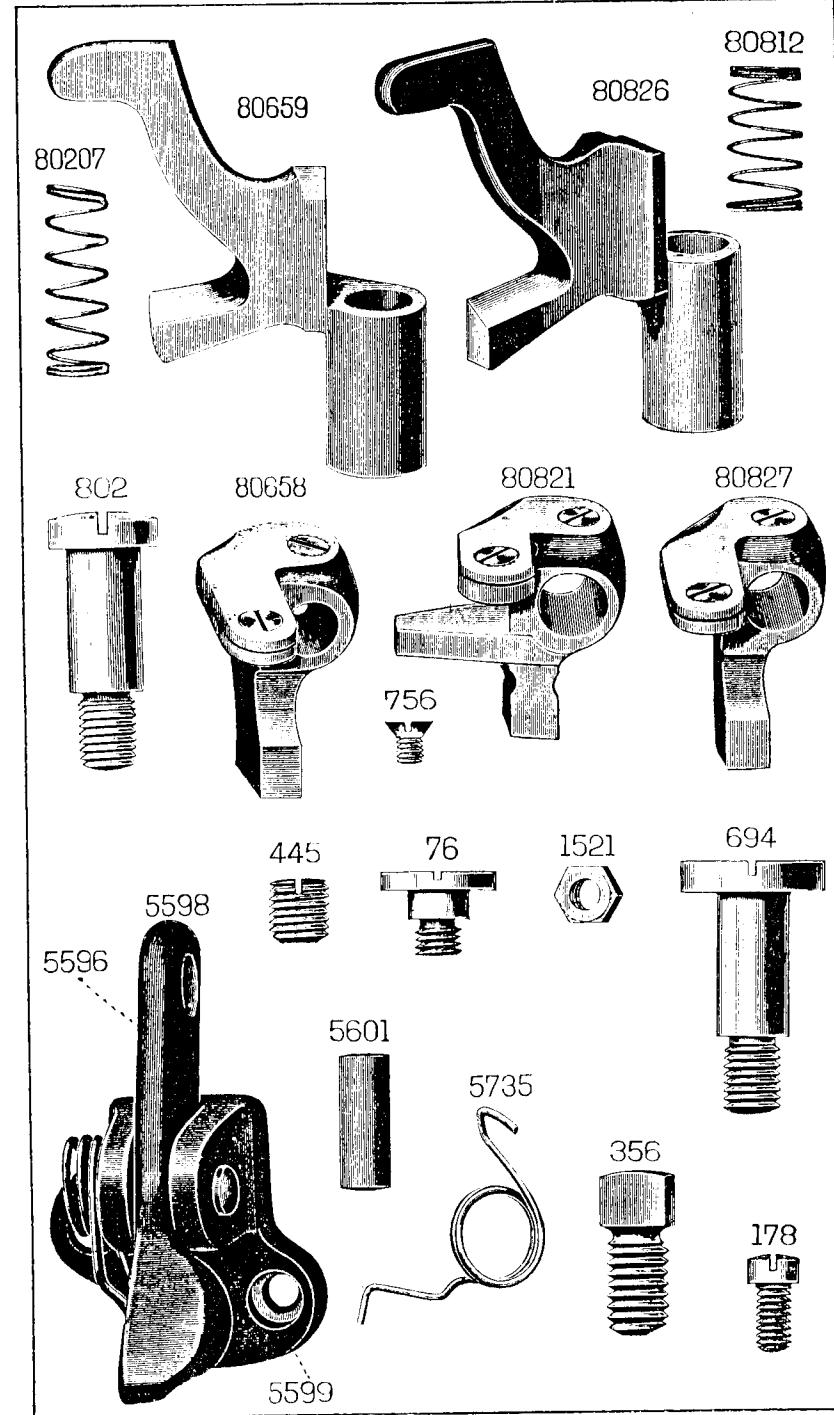


PLATE 2468

88

Half Size

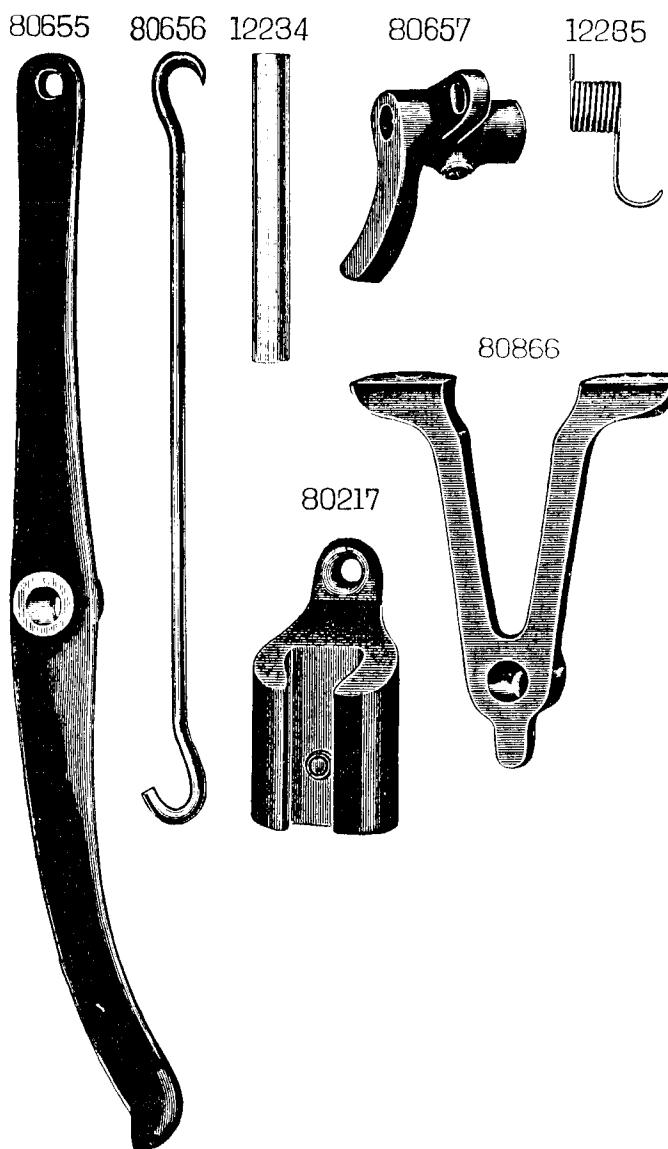
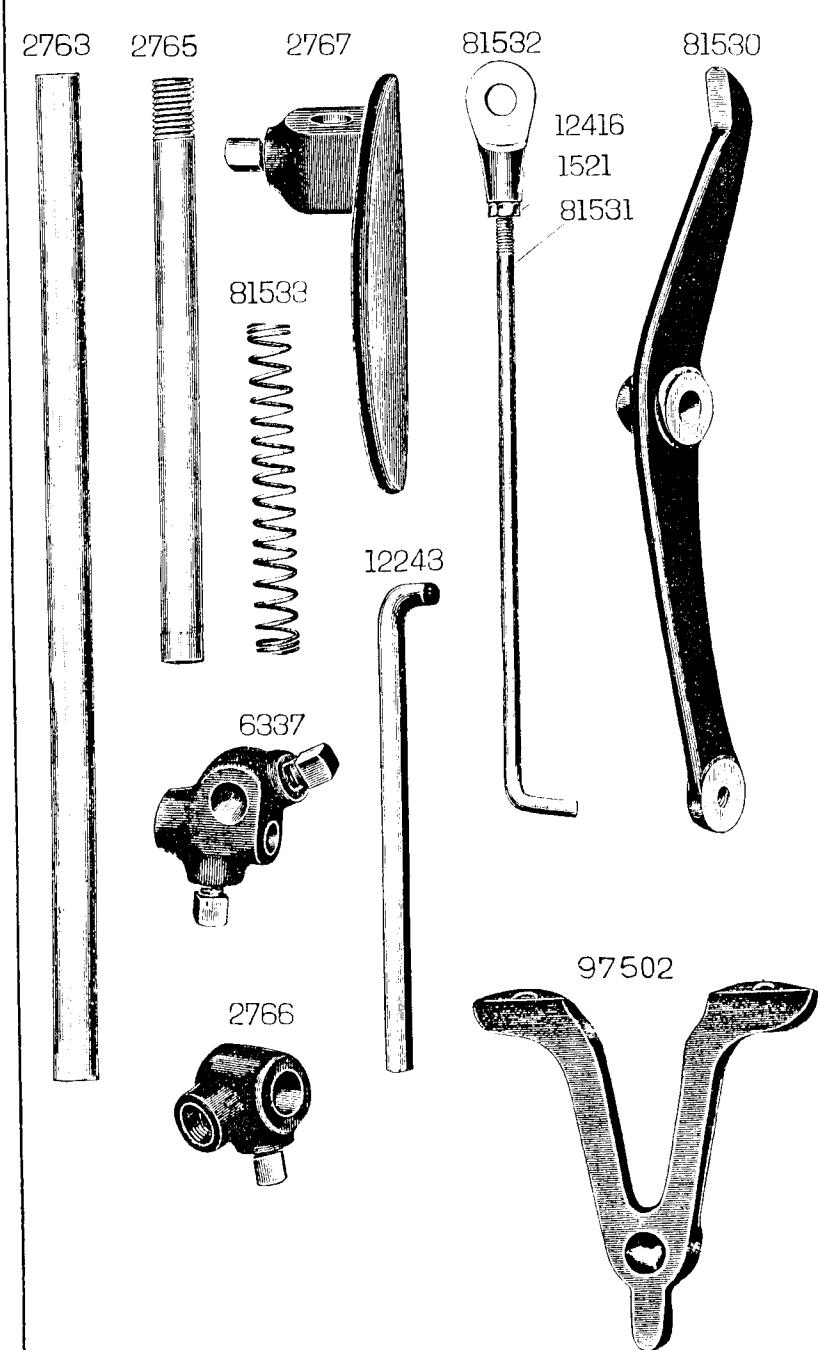


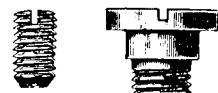
PLATE 2469

89

Half Size



SS163



65

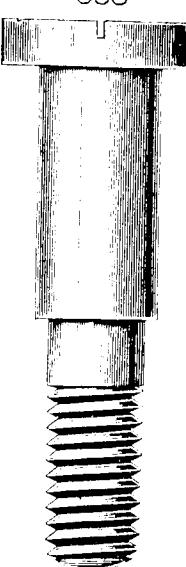
104



327



341



693



361



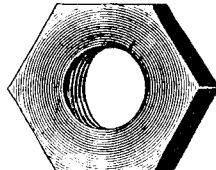
429



597



1579



1594



80212



## CONTENTS

	Page
No. 16K25 Machine Parts (Oscillating Shuttle) ... ... ...	101
" 16K28 " " ( " " " ) ... ... ...	108
" 16K33 " " (C.B. Shuttle) ... ... ...	115
" 16K39 " " ( " " ) ... ... ...	120
" 16K53 " " ( " " ) ... ... ...	121
" 16K55 " " ( " " ) ... ... ...	122
" 16K104 " " (Looper Mechanism) ... ... ...	145
" 16K107 " " (C.B. Shuttle) ... ... ...	125
" 16K110 " " ( " " ) ... ... ...	131
" 16K111 " " ( " " ) ... ... ...	134
" 16K113 " " ( " " ) ... ... ...	136
" 16K116 " " (Oscillating Shuttle) ... ... ...	109
" 16K117 " " (C.B. Shuttle) ... ... ...	137
" 16K119 " " ( " " ) ... ... ...	139
" 16K121 " " ( " " ) ... ... ...	141
Accessories ... ... ...	149
Attachments ... ... ...	150
Bobbin Winders ... ... ...	163
Knee Lifters ... ... ...	172
Obsolete Parts ... ... ...	176

## INSTRUCTIONS FOR ORDERING

101

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.
- A.A.** Buffed and Chromium Plated.
- A.B.** Hardened, Polished, Buffed and Chromium Plated.
- A.C.** Brown Baking Enamel Finish.
- A.D.** Grey Baking Enamel Finish.
- A.E.** Hardened, Bright Rumbled and Nickel Plated.
- A.F.** Hardened, Bright Rumbled and Nickel Plated, Bright Rumbled and Chromium Plated.
- A.J.** Polished, Nickel Plated and Chromium Plated.
- A.K.** Hardened, Polished, Nickel Plated and Chromium Plated.
- A.L.** Heat Treated for Toughness.
- B.** Polished, Nickel Plated and Buffed.
- C.** Hardened only.
- C.R.** Hardened and Merlized.
- D.** Polished only.
- E.** Soft, not Polished.
- F.** Hardened and Polished.
- F.J.** Hardened, Polished and Nickel Plated.
- G.** Bright Rumbled and Nickel Plated.
- H.** Blued.
- J.** Nickel Plated only.
- K.** Hardened and Nickel Plated.
- L.** Brass Plated.
- M.** Oxidized.
- N.** Japanned, Dull.
- P.** Japanned, Bright.
- P.P.** Wrinkle Finish.
- R.** Merlized.
- S.** Cadmium Plated.
- T.** Copper Plated.
- T.A.** Hardened, Polished, Copper and Nickel Plated and Buffed.
- T.B.** Copper and Nickel Plated and Polished.
- T.J.** Copper and Nickel Plated only.
- T.K.** Hardened, Copper and Nickel Plated.
- T.L.** Copper and Brass Plated.
- T.M.** Copper Plated and Oxidized.
- U.** Zinc Plated.
- V.** Silver Plated.
- W.** Polished and Nickel Plated.
- X.** Black Oxide for Iron and Steel.
- X.C.** Hardened and Black Oxide for Iron and Steel.
- Y.** Black Nickel Plated only.
- Z.** Chromium Plated.
- 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. 16K25 Machine

### Oscillating Shuttle. Wheel Feed. Roller Presser. For Leather.

No.	Plate										
*80892	—	<b>Arm</b> with 448c, 3005, 4449, 12453, 15404 and two 15405	...	...	...	...	...	...	...	...	...
2002	2443	" Dowel Pin (2)	...	...	...	...	...	...	...	...	...
12453	2443	" Oil Tube for intermediate bearing	...	...	...	...	...	...	...	...	...
123e	2443	" Screw (3) ...	...	...	...	...	...	...	...	...	...
80795	2440	<b>Arm Shaft</b> for Tight Wheel Machine	...	...	...	...	...	...	...	...	...
80501	2440	" " " Loose Wheel Machine	...	...	...	...	...	...	...	...	...
3005	2446	" " " Bushing (back)	...	...	...	...	...	...	...	...	...
448c	2446	" " " ( " ) Set Screw	...	...	...	...	...	...	...	...	...
4449	2446	" " " (front)	...	...	...	...	...	...	...	...	...
144c	2443	" " " Screw for 80795	...	...	...	...	...	...	...	...	...
4288	2438	<b>Arm Side Cover</b>	...	...	...	...	...	...	...	...	...
51224d	2444	" " " Thumb Screw	...	...	...	...	...	...	...	...	...
.2007	2441	" Spool Pin ...	...	...	...	...	...	...	...	...	...
81033	92	<b>Balance Wheel</b> (2 $\frac{3}{4}$ " pulley, heavy rim) with two 448c	...	...	...	...	...	...	...	...	...
80504	92	" " " (3" pulley, heavy rim) for stop motion	...	...	...	...	...	...	...	...	...
448c	2446	" " " Set Screw	...	...	...	...	...	...	...	...	...
<i>NOTE.—No. 81033 is supplied unless otherwise specified on order.</i>											
*80984	—	<b>Bed</b>	...	...	...	...	...	...	...	...	...
256 <sup>w</sup>	2441	<b>Clamp Stop Motion Clamp Screw</b>	...	...	...	...	...	...	...	...	...
248a	2441	" " " Stop Screw	...	...	...	...	...	...	...	...	...
2020	2441	" " " Washer	...	...	...	...	...	...	...	...	...
*3023	2441	" " " Flanged Bushing	...	...	...	...	...	...	...	...	...
4933	2441	" " " " 3023 with two 462&A <sup>L</sup> .	...	...	...	...	...	...	...	...	...
2022	133	" " " Pin	...	...	...	...	...	...	...	...	...
462&A <sup>L</sup> 2449	—	" " " Set Screw	...	...	...	...	...	...	...	...	...
3022j	—	<b>Clamp Stop Motion</b> , complete, Nos. 248a, 256 <sup>w</sup> , 2020 and 4933	...	...	...	...	...	...	...	...	...
4292	685	<b>Crank Connecting Rod</b> with 4349 and two 158e	...	...	...	...	...	...	...	...	...
*4349	—	" " " Cap	...	...	...	...	...	...	...	...	...
158e	2446	" " " Screw	...	...	...	...	...	...	...	...	...
375c	2441	" " " Hinge Screw	...	...	...	...	...	...	...	...	...
1518e	2448	" " " Nut	...	...	...	...	...	...	...	...	...

747

649

## No. 16K25 MACHINE PARTS

No.	Plate											
80518	104	<b>Face Plate</b>	...	...	...	...	...	...	...	...	...	...
164d	2443	" "	Screw	...	...	...	...	...	...	...	...	...
80696	—	<b>Face Plate</b> , complete, Nos. 145e, 233d, 460c, 2111, 80081, 80214 80259, 80518 and 82358	...	...	...	...	...	...	...	...	...	...
52165	107	<b>Feed Connecting Link</b>	...	...	...	...	...	...	...	...	...	...
375c	2441	" "	" Hinge Screw (2)	...	...	...	...	...	...	...	...	...
1518e	2448	" "	" " Nut (2)	...	...	...	...	...	...	...	...	...
3074	2443	<b>Feed Eccentric</b> with 446c	...	...	...	...	...	...	...	...	...	...
446c	2446	" " Set Screw	...	...	...	...	...	...	...	...	...	...
3037	2438	<b>Feed Forked Connection</b>	...	...	...	...	...	...	...	...	...	...
375c	2441	" " " Hinge Screw	...	...	...	...	...	...	...	...	...	...
1518e	2448	" " " Nut	...	...	...	...	...	...	...	...	...	...
3039	103	<b>Feed Regulator</b>	...	...	...	...	...	...	...	...	...	...
1128e	2449	" " Hinge Screw	...	...	...	...	...	...	...	...	...	...
818d	104	" " Thumb Screw	...	...	...	...	...	...	...	...	...	...
3042	2440	<b>Feed Rock Shaft</b>	...	...	...	...	...	...	...	...	...	...
3041	—	" " " 3042 with 29633	...	...	...	...	...	...	...	...	...	...
29633	2442	" " " Crank with 157c	...	...	...	...	...	...	...	...	...	...
157c	2442	" " " Clamping Screw	...	...	...	...	...	...	...	...	...	...
307c	2446	" " " Screw Centre (2)	...	...	...	...	...	...	...	...	...	...
1513j	2446	" " " Nut (2)	...	...	...	...	...	...	...	...	...	...
2664	—	<b>Feed Wheel</b> (fine teeth)	...	...	...	...	...	...	...	...	...	...
2258	96	" " (medium teeth)	...	...	...	...	...	...	...	...	...	...
15022	96	" " (coarse teeth)	...	...	...	...	...	...	...	...	...	...

NOTE.—No. 2258 is supplied unless otherwise specified on order.

80094	96	<b>Feed Wheel Driver</b> , complete, Nos. 2266, 80097, two each 80095 and 80096	...	...	...	...	...	...	...	...	...	...
80097	2445	" " Bushing	...	...	...	...	...	...	...	...	...	...
80095	2445	" " Collar	...	...	...	...	...	...	...	...	...	...
80096	2445	" " Rivet	...	...	...	...	...	...	...	...	...	...
80613	118	" " Link	...	...	...	...	...	...	...	...	...	...
324d	2441	" " Screw	...	...	...	...	...	...	...	...	...	...
80098	118	" " Spring	...	...	...	...	...	...	...	...	...	...
2266	2441	" " Hook	...	...	...	...	...	...	...	...	...	...
313c	2449	<b>Feed Wheel Driver</b> Link Screw Centre (2)	...	...	...	...	...	...	...	...	...	...
1519e	2453	" " " Nut (2)	...	...	...	...	...	...	...	...	...	...

## No. 16K25 MACHINE PARTS

No.	Plate											
80612	118	<b>Feed Wheel Frame</b> with 453c	...	...	...	...	...	...	...	...	...	...
80801	—	<b>Feed Wheel Frame</b> , complete, Nos. 151c, 152d, 164d, 240d, 2252 to 2255, 2258, 3077, 80093, 80099, 80612 and two 205d	...	...	...	...	...	...	...	...	...	...
3077	118	<b>Feed Wheel Frame Shaft</b>	...	...	...	...	...	...	...	...	...	...
453c	2447	" " " Set Screw	...	...	...	...	...	...	...	...	...	...
80093	118	" " Suspension Bracket	...	...	...	...	...	...	...	...	...	...
152d	118	" " " Adjusting Screw	...	...	...	...	...	...	...	...	...	...
164d	2443	" " " Binding Screw	...	...	...	...	...	...	...	...	...	...
2253	69	" " Friction Plate (back)	...	...	...	...	...	...	...	...	...	...
151c	2441	" " " ( " ) Screw	...	...	...	...	...	...	...	...	...	...
2252	69	" " " (front)	...	...	...	...	...	...	...	...	...	...
205d	2441	" " " ( " ) Screw	...	...	...	...	...	...	...	...	...	...
2254	118	" " Retaining Clutch	...	...	...	...	...	...	...	...	...	...
2255	69	" " Cap	...	...	...	...	...	...	...	...	...	...
205d	2441	" " " Screw	...	...	...	...	...	...	...	...	...	...
80099	118	" " Spring	...	...	...	...	...	...	...	...	...	...
240d	118	" " " Screw	...	...	...	...	...	...	...	...	...	...
80519	2439	<b>Needle Bar</b>	...	...	...	...	...	...	...	...	...	...
*3045	2448	" " Connecting Link	...	...	...	...	...	...	...	...	...	...
377c	2448	" " Hinge Screw	...	...	...	...	...	...	...	...	...	...
1518e	2448	" " " Nut	...	...	...	...	...	...	...	...	...	...
2052	2443	" " Stud with 155c	...	...	...	...	...	...	...	...	...	...
155c	2443	" " " Set Screw	...	...	...	...	...	...	...	...	...	...
290e	2453	" " Screw Bushing (2)	...	...	...	...	...	...	...	...	...	...
80042	2441	<b>Needle Clamp</b>	...	...	...	...	...	...	...	...	...	...
80520	2441	" " 80042 with 190f, 240f and 80521	...	...	...	...	...	...	...	...	...	...
190f	2453	" " Screw	...	...	...	...	...	...	...	...	...	...
80521	2441	" " Thread Eyelet	...	...	...	...	...	...	...	...	...	...
240f	118	" " " Screw	...	...	...	...	...	...	...	...	...	...
4304	2442	<b>Oscillating Rock Shaft</b> with 4784	...	...	...	...	...	...	...	...	...	...
3052	2442	" " Hinge Pin	...	...	...	...	...	...	...	...	...	...
1513j	2446	" " Nut	...	...	...	...	...	...	...	...	...	...
635c	2442	" " " Screw Bearing	...	...	...	...	...	...	...	...	...	...
1513j	2446	" " " Nut	...	...	...	...	...	...	...	...	...	...
4784	2442	" " Oil Pad	...	...	...	...	...	...	...	...	...	...
3053	2440	<b>Oscillating Shuttle Shaft</b>	...	...	...	...	...	...	...	...	...	...
15160	2442	" " Crank	...	...	...	...	...	...	...	...	...	...
*15161	—	" " 15160 with 1519e and 15171	...	...	...	...	...	...	...	...	...	...
15162	2442	" " 15161 with two 462&AL	...	...	...	...	...	...	...	...	...	...
2049	2453	" " Pin	...	...	...	...	...	...	...	...	...	...
307c	2446	<b>Feed Wheel Frame Shaft</b> Screw Centre (2)	...	...	...	...	...	...	...	...	...	...
1513j	2446	" " " Nut (2)	...	...	...	...	...	...	...	...	...	...
15169	2442	Oscillating Shuttle Shaft Crank 15425 with 15161 and two 462al	...	...	...	...	...	...	...	...	...	...
3425	—	Oscillating shuttle shaft crank	...	...	...	...	...	...	...	...	...	...

No.	Plate	Oscillating Shuttle Shaft Crank Set Screw	...	...
462f	2449	Slide Block	...	...
15170	2442	" " " " " 15170 with 226d,		
15171	2442	" " " " " 1035c and 12424		
226d	2442	" " " " " Cap Screw	...	
12424	2442	" " " " " Washer		
1035c	2442	" " " " " Screw Stud	...	
1519e	2453	" " " " " Nut		

3054	2439	Presser Bar	...	...	...	...	...
80269	2442	" " Lifter	...	...	...	...	...
689c	104	" " " Screw	...	...	...	...	...
1520r	104	" " " " Nut	...	...	...	...	...
80524	104	" " Lifting Bracket with 453c and 756c	...	...	...	...	...
453c	2447	" " " " Set Screw	...	...	...	...	...
756c	2467	" " " Thread Controller Clamping Screw	...	...	...	...	...
290e	2453	" " Screw Bushing	...	...	...	...	...
32675	2442	" " Spring	...	...	...	...	...
262j	2442	" " " Regulating Thumb Screw	...	...	...	...	...
2070	2442	" " " Washer	...	...	...	...	...

NOTE.—No. 80100 is only supplied when ordered and at an extra charge.

1867	—	Roller, $\frac{1}{16}$ " diam., coarse, with 388d and 1550j	...	...
1843	1381	" $\frac{1}{16}$ " " fine, " 388d " 1550j	...	...
1868	—	" $\frac{1}{16}$ " " coarse, " 652d " 1528j	...	...
1842	1381	" $\frac{1}{16}$ " " fine, " 386d " 1528j	...	...
1839	1381	" $\frac{1}{16}$ " " coarse, " 386d " 1528j	...	...
1869	—	" $\frac{1}{16}$ " " fine, " 386d " 1528j	...	...
2202	1381	Arm for 80298 and 80299	...	...
2203	1381	" " 80300 " 80301	...	...
2204	1381	" " 80302 " 80303	...	...
440f	2441	" " Adjusting Screw	...	...
1547j	2460	" " " " Nut	...	...
80297	1381	" " Bracket	...	...
316f	2460	" " " Screw Centre	...	...
1547j	2460	" " " " Nut	...	...
80106	1381	" " Lock Spring	...	...
SS50f	183	" " " Screw	...	...
82462	1381	" " " " Washer	...	...

No.	Plate	Roller Presser, $\frac{1}{16}$ " coarse roller, complete, Nos. SS50f, 440f, 1867, 2202, 80106, 80297, 82462, two 316f and three 1547j
80298	—	Roller Presser, $\frac{1}{16}$ " fine roller, complete, Nos. SS50f, 440f, 1843, 2202, 80106, 80297, 82462, two 316f and three 1547j
80300	—	Roller Presser, $\frac{1}{16}$ " coarse roller, complete, Nos. SS50f, 440f, 1868, 2203, 80106, 80297, 82462, two 316f and three 1547j

80301	—	Roller Presser, $\frac{1}{16}$ " fine roller, complete, Nos. SS50f, 440f, 1842, 2203 80106, 80297, 82462, two 316f and three 1547j
-------	---	--

80302	—	Roller Presser, $\frac{1}{16}$ " coarse roller, complete, Nos. SS50f, 440f, 1839, 2204, 80106, 80297, 82462, two 316f and three 1547j
-------	---	---

80303	—	Roller Presser, $\frac{1}{16}$ " fine roller, complete, Nos. SS50f, 440f, 1869, 2204, 80106, 80297, 82462, two 316f and three 1547j
-------	---	---

NOTE.—No. 80303 is supplied unless otherwise specified on order.

190d	2441	Roller Presser Screw	...	...	...	...	...
388d	2441	" Screw for 1843 and 1867	...	...	...	...	...
652d	2441	" " " 1868	...	...	...	...	...
386d	2441	" " " 1839, 1842 and 1869	...	...	...	...	...
1550j	2441	" " " Nut for 1843 and 1867	...	...	...	...	...
1528j	2441	" " " 1839, 1842, 1868 and 1869	...	...	...	...	...

2073	2441	Shuttle Bobbin	...	...	...	...	...
2211	22	" " Retaining Spring	...	...	...	...	...
2212	22	" " " " Rivet	...	...	...	...	...
*80199	22	" Body with 398e, 2082, 2084, 2211 and two 2212	...	...	...	...	...
*2075	22	" Cover	...	...	...	...	...
44001	—	" 2075 with 112e, 466al, 2078, 2080, 2086 and 2090	...	...	...	...	...
2076	22	" " Hinge Pin	...	...	...	...	...
2078	22	" Delivery Eye Thread Guard	...	...	...	...	...
2080	22	" " " " " Rivet	...	...	...	...	...
2082	22	" Main Spring	...	...	...	...	...
398e	22	" " " Screw	...	...	...	...	...
2084	22	" " " Steady Pin	...	...	...	...	...
2086	22	" Tension Spring	...	...	...	...	...
2090	22	" " " Plate	...	...	...	...	...
466al	22	" " " Regulating Screw	...	...	...	...	...
112e	22	" " " Screw	...	...	...	...	...
80200	22	Shuttle, complete, Nos. 2073, 2076, 44001 and 80199	...	...	...	...	...

No.	Plate						
*80256	—	<b>Shuttle Driver</b>	...	...	...	...	...
80257	22	" "	80256 with two 457c	...	...	...	...
2049	2453	" "	Pin	...	...	...	...
457c	2453	" "	Set Screw	...	...	...	...
2095	22	<b>Shuttle Race Back</b>	...	...	...	...	...
190c	2441	" "	" Screw	...	...	...	...
2096	22	" "	Body	...	...	...	...
158f	2446	" "	Screw (2)	...	...	...	...
2093	22	<b>Shuttle Race</b> , complete, Nos. 2095, 2096 and two 190c	...	...	...	...	...
4305	107	<b>Shuttle Race Slide</b>	...	...	...	...	...
80528	—	" "	4305 with 2824 and two 51282e	...	...	...	...
2824	107	" "	Spring	...	...	...	...
51282e	2444	" "	" Screw	...	...	...	...
2102	105	<b>Tension Disc</b>	...	...	...	...	...
80081	2441	" "	Release Pin	...	...	...	...
1560d	2441	" "	Regulating Thumb Nut	...	...	...	...
*600f	2441	" "	Screw Stud	...	...	...	...
16202	—	" "	600f with 1560d	...	...	...	...
145e	2443	" "	Clamping Screw	...	...	...	...
80548	2441	" "	Spring	...	...	...	...
80214	—	<b>Tension</b> , complete, Nos. 16202, 80548 and two 2102	...	...	...	...	...
80085	104	<b>Thread Controller</b>	...	...	...	...	...
82358	2441	<b>Thread Guard</b>	...	...	...	...	...
233d	2453	" "	Screw	...	...	...	...
2112	104	<b>Thread Retainer Guide Disc</b> with 2113	...	...	...	...	...
2113	104	" "	" Steady Pin	...	...	...	...
460c	104	" "	Set Screw	...	...	...	...
2114	104	" "	Spring	...	...	...	...
2115	104	" "	Stud	...	...	...	...
2111	104	<b>Thread Retainer Guide</b> , complete, Nos. 2112, 2114 and 2115	...	...	...	...	...
80532	2443	<b>Thread Take-up Cam</b> with 446c...	...	...	...	...	...
3012	2449	" " "	Pin	...	...	...	...
446c	2446	" " "	Set Screw	...	...	...	...
3072	109	<b>Thread Take-up Lever</b> with 1819	...	...	...	...	...
76c	2467	" " "	Hinge Screw	...	...	...	...
1819	2443	" " "	Roller and Stud	...	...	...	...
80259	106	" " "	Spring	...	...	...	...

No.	Plate						
80101	69	<b>Throat Plate</b> for size 9 to 14 Needles	...	...	...	...	...
80102	69	" " " 16 " 18 "	...	...	...	...	...
80103	69	" " " 19 " 22 "	...	...	...	...	...
80104	69	" " " 23 " 25 "	...	...	...	...	...
691f	2455	" " Screw (2)	...	...	...	...	...

NOTE.—No. 80102 is supplied unless otherwise specified on order.

No.	Plate						
80107	1381	<b>Wrench</b>	...	...	...	...	...
80865	—	<b>Drip Pan</b> with four wood screws $\frac{1}{2}$ " No. 5	...	...	...	...	...

No.	Plate						
*15404	—	<b>Trade Mark</b>	...	...	...	...	...

No.	Plate						
15405	—	" " Rivet	...	...	...	...	...

449

## No. 16K28 Machine

**Oscillating Shuttle. Wheel Feed. Roller Presser. For Waxed Thread.**

This machine is the same as 16K25 with the following exceptions:—

No.	Plate						
*80894	—	<b>Arm</b> with 448c, 3005, 4449, 12453, 15404 and two 15405	...	...	...	...	...
80554	—	<b>Balance Wheel</b> (two-speed 3½" and 5½" pulley) with two 448c	...	...	...	...	...
80707	—	<b>Face Plate</b> , complete, Nos. 145e, 233d, 460c, 2111, 80081, 80214, 80518, 80549 and 82358	...	...	...	...	...
2664	—	<b>Feed Wheel</b> (Fine Teeth)	...	...	...	...	...
2258	96	" " (Medium Teeth)	...	...	...	•	...
15022	96	" " (Coarse Teeth)	...	...	...	...	...

*NOTE.—No. 15022 is supplied unless otherwise specified on order.*

80806	2438	<b>Oil Box</b>	...	...	...	...	...
145d	2443	" " Screw	...	...	...	...	...
80553	2443	" " Thread Retaining Spring	...	...	...	...	...
80552	2438	<b>Oil Box</b> , complete, Nos. 80553 and 80806	...	...	...	...	...
80547	2443	<b>Presser Bar Spring</b>	...	...	...	...	...
80551	2443	<b>Thread Take-up Cam</b> with 446c (High Lift)	...	...	...	...	...
80550	109	" " Lever with 1819	...	...	...	...	...
80549	2443	" " Spring	...	...	...	...	...
80101	69	<b>Throat Plate</b> for size 9 to 14 Needles	...	...	...	...	...
80102	69	" " " " 16 " 18 "	...	...	...	...	...
80103	69	" " " " 19 " 22 "	...	...	...	...	...
80104	69	" " " " 23 " 25 "	...	...	...	...	...

*NOTE.—No. 80104 is supplied unless otherwise specified on order.*

## Parts Complete for No. 16K116 Machine

**Fanning, for Power. Oscillating High Point Shuttle. Positive Stop-motion. For High Speeds.**

No.	Plate						
*80555	—	<b>Arm</b> with 448c, 3005, 4449, 12453, 15404 and two 15405	...	...	...	...	...
2002	2443	" Dowel Pin (2)	...	...	...	...	...
12453	2443	" Oil Tube for intermediate bearing	...	...	...	...	...
123e	2443	" Screw (3)	...	...	...	...	...
80943	—	<b>Arm Shaft</b>	...	...	...	...	...
3005	2446	" " Bushing (back)	...	...	...	...	...
448c	2446	" " " ( " ) Set Screw	...	...	...	...	...
4449	2446	" " " (front)	...	...	...	...	...
4288	2438	<b>Arm Side Cover</b>	...	...	...	...	...
51224d	2444	" " " Thumb Screw	...	...	...	...	...
2007	2441	" Spool Pin	...	...	...	...	...
*80982	—	<b>Bed</b>	...	...	...	...	...
4292	685	<b>Crank Connecting Rod</b> with 4349 and two 158e	...	...	...	...	...
*4349	—	" " " Cap	...	...	...	...	...
158e	2446	" " " Screw	...	...	...	...	...
375c	2441	" " " Hinge Screw	...	...	...	...	...
1518e	2448	" " " " Nut	...	...	...	...	...
80518	104	<b>Face Plate</b>	...	...	...	...	...
164d	2443	" " Screw	...	...	...	...	...
80682	2438	<b>Face Plate</b> , complete, Nos. 145e, 233d, 460c, 2111, 80081, 80211, 80259, 80518 and 82358	...	...	...	...	...
80556	—	<b>Lifting Presser Plunger</b>	...	...	...	...	...
80685	107	" " " 80556 with 80557 and 80558	...	...	...	...	...
80557	2453	" " " Roller	...	...	...	...	...
80558	2453	" " " Pin	...	...	...	...	...
80559b	—	" " " Yoke	...	...	...	...	...
80686b	107	" " " 80559b with SS44b and 178b	...	...	...	...	...
SS44b	2449	" " " Clamping Screw	...	...	...	...	...
178b	2467	" " " Set Screw	...	...	...	...	...

No.	Plate								
80519	2439	<b>Needle Bar</b>	...	...	...	...	...	...	...
80570	2453	" "	Connecting Link with 175e	"	...	...	...	...	...
175e	2446	" "	"	Clamping Screw	"	...	...	...	...
377c	2448	" "	"	Hinge Screw	"	...	...	...	...
1518e	2448	" "	"	"	Nut	"	...	...	...
80571	2453	" "	"	Stud with SS85c	"	...	...	...	...
SS85c	2453	" "	"	Set Screw	"	...	...	...	...
290e	2453	" "	Screw Bushing (2)	"	...	...	...	...	...
80042	2441	<b>Needle Clamp</b>	...	AL	...	...	...	...	...
80056	2453	" "	80042 with 196L	240f and 80055	"	...	...	...	...
196L	2453	" "	Screw	"	...	...	...	...	...
80055	2453	" "	Thread Eyelet	"	...	...	...	...	...
240f	118	" "	"	"	Screw	"	...	...	...
4304	2442	<b>Oscillating Rock Shaft</b> with 4784	"	...	...	...	...	...	...
3052	2442	" "	Hinge Pin	"	...	...	...	...	...
1513j	2446	" "	"	"	Nut	"	...	...	...
635c	2442	" "	"	"	Screw Bearing	"	...	...	...
1513j	2446	" "	"	"	"	"	Nut	...	...
4784	2442	" "	"	"	Oil Pad	"	...	...	...
3053	2440	<b>Oscillating Shuttle Shaft</b>	"	...	...	...	...	...	...
15160	2442	" "	"	Crank	"	...	...	...	...
*15161	—	" "	"	"	15160 with 1519e and 15171	"	...	...	...
15162	2442	" "	"	"	15161 with two 462c	AL	...	...	...
2049	2453	" "	"	Pin	"	...	...	...	...
462c	2449	" "	"	"	Set Screw	"	...	...	...
15170	2442	" "	"	"	Slide Block	"	...	...	...
15171	2442	" "	"	"	"	15170 with 226d,	...	...	...
						1035c and 12424	...	...	...
226d	2442	" "	"	"	"	Cap Screw	...	...	...
12424	2442	" "	"	"	"	Washer	...	...	...
1035c	2442	" "	"	"	"	Screw Stud	...	...	...
1519e	2453	" "	"	"	"	"	Nut	...	...
3054	2439	<b>Presser Bar</b>	...	...	...	...	...	...	...
80269	2442	" "	Lifter	"	...	...	...	...	...
689c	104	" "	"	Screw	"	...	...	...	...
1520r	104	" "	"	"	Nut	"	...	...	...
80945	2453	" "	Lifting Bracket with 453c	"	...	...	...	...	...
453c	2447	" "	"	Set Screw	"	...	...	...	...
290e	2453	" "	Screw Bushing	"	...	...	...	...	...
32675	2442	" "	Spring	"	...	...	...	...	...
262j	2442	" "	"	Regulating Thumb Screw	"	...	...	...	...
1632c	2450	" "	"	"	Lock Nut	"	...	...	...
80560-	2450	" "	"	"	"	"	Wrench	44g	...
2070	2442	" "	"	"	Washer	"	...	...	...
15162	2442	Oscillating Shuttle Shaft Crank	15425 with	1519e, 15171 and two 462a	...	...	...	...	...
15425	—	Oscillating Shuttle Shaft Crank	15425 with	1519e, 15171 and two 462a	...	...	...	...	...

No.	Plate								
80946	889	<b>Presser Foot</b> (tube shaped)	"	...	...	...	...	...	...
190d	2441	" "	Screw	"	...	...	...	...	...
2073	2441	<b>Shuttle Bobbin</b>	"	...	...	...	...	...	...
2211	22	" "	Retaining Spring	"	...	...	...	...	...
2212	22	" "	" "	"	Rivet	"	...	...	...
*80237	2453	"	Body (high point) with 398e, 2082, 2084, 2211 and two	2212	...	...	...	...	...
*2075	22	"	Cover	"	...	...	...	...	...
44001	—	"	2075 with 112e, 466al, 2078, 2080, 2086 and 2090	...	...	...	...	...	...
2076	22	"	Hinge Pin	"	...	...	...	...	...
2078	22	"	Delivery Eye Thread Guard	"	...	...	...	...	...
2080	22	"	" "	"	Rivet	"	...	...	...
2082	22	"	Main Spring	"	...	...	...	...	...
398e	22	"	" "	"	Screw	"	...	...	...
2084	22	"	" "	"	Steady Pin	"	...	...	...
2086	22	"	Tension Spring	"	...	...	...	...	...
2090	22	"	" "	"	Plate	"	...	...	...
466al	22	"	" "	"	Regulating Screw	"	...	...	...
112e	22	"	" "	"	Screw	"	...	...	...
80236	2453	<b>Shuttle</b> (high point), complete, Nos. 2073, 2076, 44001 and 80237	...	...	...	...	...	...	...
*80242	—	<b>Shuttle Driver</b>	...	...	...	...	...	...	...
80080	2453	" "	80242 with two 457c	...	...	...	...	...	...
2049	2453	" "	Pin	"	...	...	...	...	...
457c	2453	" "	Set Screw	"	...	...	...	...	...
2095	22	<b>Shuttle Race Back</b>	...	...	...	...	...	...	...
190c	2441	" "	Screw	"	...	...	...	...	...
80241	109	" "	Body	"	...	...	...	...	...
158f	2446	" "	Screw (2)	"	...	...	...	...	...
80240	109	<b>Shuttle Race</b> , complete, Nos. 2095, 80241 and two 190c	...	...	...	...	...	...	...
4305	107	<b>Shuttle Race Slide</b>	...	...	...	...	...	...	...
80528	—	" "	4305 with 2824 and two 51282e	...	...	...	...	...	...
2824	107	" "	Spring	"	...	...	...	...	...
51282e	2444	" "	" "	"	Screw	"	...	...	...
80947	887	<b>Stop Motion Balance Wheel</b> with SS363e, SS364e, 80948 and two SS432c	...	...	...	...	...	...	...
80949	2454	" "	" "	"	Collar	"	...	...	...
80951	—	" "	" "	"	80949 with 80950	...	...	...	...
80950	2454	" "	" "	"	Stud	"	...	...	...
80952	887	" "	" "	"	Friction Pulley with 80953	...	...	...	...
80953	889	" "	" "	"	Centre Bearing	...	...	...	...
84719	889	" "	" "	"	(inside)	...	...	...	...
80954	889	" "	" "	"	Releasing Spring	...	...	...	...

No.	Plate							
2102	105	<b>Tension Disc</b>	...	...	...	...	...	...
80081	2441	" "	Release Pin	...	...	...	...	...
1560d	2441	" "	Regulating Thumb Nut	...	...	...	...	...
*600f	2441	" "	Screw Stud	...	...	...	...	...
16202	"	" "	" 600f with 1560d	...	...	...	...	...
145e	2443	" "	" Clamping Screw	...	...	...	...	...
2103	2444	" "	Spring	...	...	...	...	...
80211	"	<b>Tension</b> , complete, Nos. 2103, 16202 and two 2102	...	...	...	...	...	...
80972	2453	<b>Thread Controller</b>	...	...	...	...	...	...
229d	2442	" "	Screw	...	...	...	...	...
80973	2453	" "	" " Washer	...	...	...	...	...
82358	2441	<b>Thread Guard</b>	...	...	...	...	...	...
233d	2453	" "	Screw	...	...	...	...	...
2112	104	<b>Thread Retainer Guide Disc</b> with 2113	...	...	...	...	...	...
2113	104	" "	" " Steady Pin	...	...	...	...	...
460c	104	" "	Set Screw	...	...	...	...	...
2114	104	" "	Spring	...	...	...	...	...
2115	104	" "	Stud	...	...	...	...	...
2111	104	<b>Thread Retainer Guide</b> , complete, Nos. 2112, 2114 and 2115	...	...	...	...	...	...
81015	889	<b>Thread Take-up Cam</b> with 446c	...	...	...	...	...	...
81017	"	" "	81015 with 191c, 704c, 3012 and 81016	...	...	...	...	...
81016	889	" "	Lift Cam	...	...	...	...	...
191c	2454	" "	" " Set screw (short)	...	...	...	...	...
704c	2454	" "	" " " " (long)	...	...	...	...	...
3012	2449	" "	Pin	...	...	...	...	...
446c	2446	" "	Set Screw	...	...	...	...	...
80560	109	<b>Thread Take-up Lever</b> with 1819	...	...	...	...	...	...
76c	2467	" "	Hinge Screw	...	...	...	...	...
1819	2443	" "	Roller and Stud	...	...	...	...	...
80259	106	" "	Spring	...	...	...	...	...
80977	889	<b>Throat Plate</b> (fine needle hole)	...	...	...	...	...	...
80978	889	" "	(coarse needle hole)	...	...	...	...	...
691f	2455	" "	Screw (2)	...	...	...	...	...
NOTE.— No. 80978 is supplied unless otherwise specified on order.								
44212	"	<b>Drip Pan</b> with four wood screws $\frac{1}{2}$ " No. 5	...	...	...	...	...	...
*15404	"	<b>Trade Mark</b>	...	...	...	...	...	...
15405	"	" "	Rivet	...	...	...	...	...

**Parts Complete  
for  
No. 16K33 Machine**

**C.B. Shuttle. Drop Feed. For General Cloth Work.**

No.	Plate							
*80892	"	<b>Arm</b> with 448c, 3005, 4449, 12453, 15404 and two 15405	...	...	...	...	...	...
2002	2443	" " Dowel Pin (2)	...	...	...	...	...	...
12453	2443	" " Oil Tube, for intermediate bearing	...	...	...	...	...	...
123e	2443	" " Screw (3)	...	...	...	...	...	...
80795	2440	<b>Arm Shaft</b> for Tight Wheel Machine	...	...	...	...	...	...
80501	2440	" " " " Loose " "	...	...	...	...	...	...
3005	2446	" " " " Bushing (back)	...	...	...	...	...	...
448c	2446	" " " " ( " " ) Set Screw	...	...	...	...	...	...
4449	2446	" " " " (front)	...	...	...	...	...	...
144c	2443	" " " " Screw for 80795	...	...	...	...	...	...
4288	2438	<b>Arm Side Cover</b>	...	...	...	...	...	...
51224d	2444	" " " " Thumb Screw	...	...	...	...	...	...
2007	2441	" " Spool Pin	...	...	...	...	...	...
81033	92	<b>Balance Wheel</b> ( $2\frac{1}{4}$ " pulley, heavy rim) with two 448c	...	...	...	...	...	...
80504	92	" " " " (3" " " " " " " ) for stop motion	...	...	...	...	...	...
448c	2446	" " " " Set Screw	...	...	...	...	...	...
NOTE.— No. 81033 is supplied unless otherwise specified on order.								
*80982	"	<b>Bed</b>	...	...	...	...	...	...
256 <sup>w</sup>	2441	<b>Clamp Stop Motion Clamp Screw</b>	...	...	...	...	...	7/47
248a	2441	" " " " Stop Screw	...	...	...	...	...	...
2020	2441	" " " " Washer	...	...	...	...	...	...
*3023	2441	" " " " Flanged Bushing	...	...	...	...	...	...
4933	2441	" " " " " " 3023 with two 162 <sup>w</sup> AL	...	...	...	...	...	...
2022	133	" " " " Pin	...	...	...	...	...	...
462 <sup>w</sup> AL	2449	" " " " Set Screw	...	...	...	...	...	...
3022j	"	<b>Clamp Stop Motion</b> , complete, Nos. 248a, 256 <sup>w</sup> 2020 and 4933	...	...	...	...	...	...
4292	685	<b>Crank Connecting Rod</b> with 1349 and two 158e	...	...	...	...	...	...
*4349	"	" " " " Cap	...	...	...	...	...	...
158e	2446	" " " " Screw	...	...	...	...	...	...
375c	2441	" " " " Hinge Screw	...	...	...	...	...	...
1518e	2448	" " " " Nut	...	...	...	...	...	...

No.	Plate							
80518	104	<b>Face Plate</b>	...	...	...	...	...	...
164d	2443	" "	Screw	...	...	...	...	...
80682	2438	<b>Face Plate</b> , complete, Nos. 145e, 233d, 460c, 2111, 80081, 80211, 80259, 80518 and 82358		...	...	...	...	...
4391	2444	<b>Feed Bar</b>	...	...	...	...	...	...
313c	2449	" "	Screw Centre (2)	...	...	...	...	...
1519e	2453	" "	" "	Nut (2)	...	...	...	...
3032	2444	<b>Feed Cam</b> with 446c	...	...	...	...	...	...
446c	2446	" "	Set Screw	...	...	...	...	...
52165	107	<b>Feed Connecting Link</b>	...	...	...	...	...	...
375c	2441	" "	" "	Hinge Screw (2)	...	...	...	...
1518e	2448	" "	" "	" "	Nut (2)	...	...	...
2506	64	<b>Feed Dog</b> (General Work)	...	...	...	...	...	...
80113	64	" "	(Tailoring)	...	...	...	...	...
80114	64	" "	(General Cloth Work)	...	...	...	...	...
80538	121	" "	(Heavy Cloth)	...	...	...	...	...
80115	64	" "	(Shirt Work)	...	...	...	...	...
2088 <sup>L</sup>	2444	" "	Screw (2)	...	...	...	...	...
<i>NOTE. -No. 80113 is supplied unless otherwise specified on order.</i>								
3037	2438	<b>Feed Forked Connection</b>	...	...	...	...	...	...
375c	2441	" "	" "	Hinge Screw	...	...	...	...
1518e	2448	" "	" "	" "	Nut	...	...	...
3165	2440	<b>Feed Lifting Rock Shaft</b>	...	...	...	...	...	...
80540	—	" "	" "	3165 with 80541	...	...	...	...
80541	103	" "	" "	Crank with 157c and 1813	...	...	...	...
157c	2442	" "	" "	" " Clamping Screw	...	...	...	...
1813	2449	" "	" "	" " Roller and Stud	...	...	...	...
307c	2446	" "	" "	Screw Centre (2)	...	...	...	...
1513j	2446	" "	" "	" " Nut (2)	...	...	...	...
3039	103	<b>Feed Regulator</b>	...	...	...	...	...	...
1128e	2449	" "	Hinge Screw	...	...	...	...	...
818d	104	" "	Thumb Screw	...	...	...	...	...
3042	2440	<b>Feed Rock Shaft</b>	...	...	...	...	...	...
3041	—	" "	" "	3042 with 29633	...	...	...	...
29633	2442	" "	" "	Crank with 157c	...	...	...	...
157c	2442	" "	" "	" " Clamping Screw	...	...	...	...
307c	2446	" "	" "	Screw Centre (2)	...	...	...	...
1513j	2446	" "	" "	" " Nut (2)	...	...	...	...

*NOTE. -No. 80113 is supplied unless otherwise specified on order.*

No.	Plate	Guide ...	...	...	...	...	...	...
25527	2463	<b>Guide ...</b>	...	...	...	...	...	...
51224d	2444	"	Thumb Screw	...	...	...	...	...
80519	2439	<b>Needle Bar</b>	...	...	...	...	...	...
*3045	2448	"	"	Connecting Link	...	...	...	...
377c	2448	"	"	"	Hinge Screw	...	...	...
1518e	2448	"	"	"	"	Nut	...	...
2052	2443	"	"	"	Stud with 155c	...	...	...
155c	2443	"	"	"	Set Screw	...	...	...
290e	2453	"	"	Screw Bushing (2)	...	...	...	...
80042	2441	<b>Needle Clamp</b>	...	At	...	...	...	...
80520	2441	"	"	80042 with 196X 240f and 80521	...	...	...	...
196X	2453	"	"	Screw	...	...	...	...
80521	2441	"	"	Thread Eyelet	...	...	...	...
240f	118	"	"	"	Screw	...	...	...
4304	2442	<b>Oscillating Rock Shaft</b> with 4784	...	...	...	...	...	...
3052	2442	"	"	"	Hinge Pin	...	...	...
1513j	2446	"	"	"	"	Nut	...	...
635c	2442	"	"	"	"	Screw Bearing	...	...
1513j	2446	"	"	"	"	"	Nut	...
4784	2442	"	"	"	Oil Pad	...	...	...
3168	2440	<b>Oscillating Shuttle Shaft</b>	...	...	...	...	...	...
15163	2442	"	"	"	Crank	...	...	...
*15164	2442	"	"	"	"	15163 with 1519e and 15171	...	...
15165	2442	"	"	"	15164 with two	462X AL	...	...
2049	2453	"	"	"	Pin	...	...	...
462X AL	2449	"	"	"	Set Screw	...	...	...
15170	2442	"	"	"	Slide Block	...	...	...
15171	2442	"	"	"	"	15170 with 226d, 1035c and 12424	...	...
226d	2442	"	"	"	"	Cap Screw	...	...
12424	2442	"	"	"	"	"	Washer	...
1035c	2442	"	"	"	"	"	Screw Stud	...
1519e	2453	"	"	"	"	"	"	Nut
3054	2439	<b>Presser Bar</b>	...	...	...	...	...	...
80269	2442	"	"	Lifter	...	...	...	...
689c	104	"	"	Screw	...	...	...	...
1520r	104	"	"	"	Nut	...	...	...
80524	104	"	"	Lifting Bracket with 453c and 756c	...	...	...	...
453c	2447	"	"	"	Set Screw	...	...	...

No.	Plate						
756e	2467	<b>Presser Bar</b>	Lifting Bracket Thread Controller Clamping Screw				
290e	2453	" " "	Screw Bushing	...	...	...	...
32675	2442	" " "	Spring	...	...	...	...
262j	2442	" " "	Regulating Thumb Screw	...	...	...	...
2070	2442	" " "	Washer	...	...	...	...
15281	2444	<b>Presser Foot</b> for 2506	...	...	...	...	...
80058	2444	" " "	80113	...	...	...	...
2183	2444	" " "	80114	...	...	...	...
80059	2444	" " "	80115	...	...	...	...
3062	2444	" " "	80538	...	...	...	...
190d	2444	" " "	Screw	...	...	...	...

NOTE. No. 80058 is supplied unless otherwise specified on order.

2518	23	<b>Shuttle Bobbin</b>	...	...	...	...	...
*62730	—	" " " Case	...	...	...	...	747

15277	23	<b>Shuttle Bobbin</b> Case with 5911, 592e, 2975, 15141 and 15278	...	...	...	...	747
-------	----	---	-----	-----	-----	-----	-----

15141	—	" " " Hinge, complete, Nos. 2973, 2974 and 15140	...	...	...	...	...
-------	---	--	-----	-----	-----	-----	-----

15140	23	" " " Latch	...	...	...	...	...
2973	23	" " " Lever	...	...	...	...	...
2974	23	" " " Fulerum Pin	...	...	...	...	...
2975	23	" " " Spring	...	...	...	...	...
592e	23	" " " Stop screw	...	...	...	...	...

45027	—	" " " Position Finger	...	...	...	...	...
2523	—	" " " Rivet	...	...	...	...	...

2515	23	" " " Body	...	...	...	...	...
5911	23	" " " Tension Regulating Screw	...	...	...	...	...
15278	23	" " " Spring	...	...	...	...	...

125018	—	<b>Shuttle</b> $\frac{1}{8}$ " diam., complete, Nos. 2515, 2518 and 15277	...	...	...	...	...
--------	---	---	-----	-----	-----	-----	-----

*2542	—	<b>Shuttle Driver</b>	...	...	...	...	...
2441	23	" " " 2542 with two 462e AL	...	...	...	...	647
2049	2453	" " " Pin	...	...	...	...	...
462e AL	2449	" " " Set Screw	...	...	...	...	...

2531	23	<b>Shuttle Race Back</b>	...	...	...	...	...
2532	23	" " " Position Pin	...	...	...	...	...
2533	23	" " " Spring	...	...	...	...	1249 3/48

648N	2444	" " " Screw	...	...	...	...	4
2530	23	" " " Body	...	...	...	...	...
15437	—	" " " 2530 with 2535, two each 662d and 2532	...	...	...	...	...
2535	23	" " " Cap	...	...	...	...	...

662d	2444	" " " Screw	...	...	...	...	...
145d	2443	" " " Screw (2)	...	...	...	...	...

No.	Plate						
56807	2528	<b>Shuttle Race</b> , complete, Nos. 648N 2531, 2532 and 15437	...	...	...	...	125080
4305	107	<b>Shuttle Race Slide</b>	...	...	...	...	...
80528	—	" " " 4305 with 2824 and two 51282e	...	...	...	...	...
2824	107	" " " Spring	...	...	...	...	...
51282e	2444	" " " Screw	...	...	...	...	...
2102	105	<b>Tension Disc</b>	...	...	...	...	...
80081	2441	" " " Release Pin	...	...	...	...	...
1560d	2441	" " " Regulating Thumb Nut	...	...	...	...	...
*600f	2441	" " " Screw Stud	...	...	...	...	...
16202	—	" " " 600f with 1560d	...	...	...	...	...
145e	2443	" " " Clamping Screw	...	...	...	...	...
2103	2444	" " " Spring	...	...	...	...	...
80211	—	<b>Tension</b> , complete, Nos. 2103, 16202, and two 2102	...	...	...	...	...
80085	104	<b>Thread Controller</b>	...	...	...	...	...
82358	2441	<b>Thread Guard</b>	...	...	...	...	...
233d	2453	" " " Screw	...	...	...	...	...
2112	104	<b>Thread Retainer Guide Disc</b> with 2113	...	...	...	...	...
2113	104	" " " Steady Pin	...	...	...	...	...
460e	104	" " " Set Screw	...	...	...	...	...
2114	104	" " " Spring	...	...	...	...	...
2115	104	" " " Stud	...	...	...	...	...
2111	104	<b>Thread Retainer Guide</b> , complete, Nos. 2112, 2114 and 2115	...	...	...	...	...
80544	2444	<b>Thread Take-up Cam</b> with 446e	...	...	...	...	...
3012	2449	" " " Pin	...	...	...	...	...
446e	2446	" " " Set Screw	...	...	...	...	...
3072	109	<b>Thread Take-up Lever</b> with 1819	...	...	...	...	...
76e	2467	" " " Hinge Screw	...	...	...	...	...
1819	2443	" " " Roller and Stud	...	...	...	...	...
80259	106	" " " Spring	...	...	...	...	...
2831	64	<b>Throat Plate</b> for 2506	...	...	...	...	...
80119	64	" " " 80113	...	...	...	...	...
2897	64	" " " 80114	...	...	...	...	...
80120	64	" " " 80115	...	...	...	...	...
80545	121	" " " 80538	...	...	...	...	...
691f	2455	" " " Screw (2)	...	...	...	...	...
NOTE. No. 80119 is supplied unless otherwise specified on order.							
44212	—	<b>Drip Pan</b> , with four wood screws $\frac{1}{2}$ " No. 5	...	...	...	...	...
*15404	—	<b>Trade Mark</b>	...	...	...	...	...
15405	—	" " " Rivet	...	...	...	...	...

## No. 16K39 Machine

### C.B. Shuttle. Drop Feed. Lifting Presser.

This machine is the same as 16K33 with the following exceptions:

No.	Plate	Arm with 448c, 3005, 4449, 12453, 15404 and two 15405							
*80893	—	Lifting Presser Plunger	...	...	...	...	...	...	...
80556	—	...	...	...	...	...	...	...	...
80685	107	" " "	80556 with 80557 and 80558	...	...	...	...	...	...
80557	2453	" " "	Roller	...	...	...	...	...	...
80558	2453	" " "	" Pin	...	...	...	...	...	...
80559b	—	" " "	Yoke	...	...	...	...	...	...
80686b	107	" " "	" 80559b with SS44b and 178b	...	...	...	...	...	...
SS44b	2449	" " "	" Clamping Screw	...	...	...	...	...	...
178b	2467	" " "	" Set Screw	...	...	...	...	...	...
80570	2453	Needle Bar Connecting Link with 175e	...	...	...	...	...	...	...
175e	2446	" " "	" Clamping Screw	...	...	...	...	...	...
80571	2453	" " "	Stud with SS85e	...	...	...	...	...	...
SS85e	2453	" " "	" Set Screw	...	...	...	...	...	...
80056	2453	Needle Clamp 80042 with 196 <sup>Ak</sup> , 240f and 80055	...	...	...	...	...	...	skg
80055	2453	" " Thread Eyelet	...	...	...	...	...	...	...
80979	—	Presser Bar	...	...	...	...	...	...	...
1632c	2450	" " "	Spring Regulating Thumb Screw Lock Nut	...	...	...	...	...	...
<del>80569</del>	2450	" " "	" " " " " " " " " " Wrench	...	...	...	...	...	4/49
80566	109	Thread Take-up Cam with 446c	...	...	...	...	...	...	...
80563	—	" " "	80566 with 80567 and two 704e	...	...	...	...	...	...
80564	109	" " "	80566 with 80568 and two 704e (High Lift)	...	...	...	...	...	...
80567	109	" " "	Lifting Cam for 80563	...	...	...	...	...	...
80568	109	" " "	" 80564	...	...	...	...	...	...
704e	2454	" " "	" Screw	...	...	...	...	...	...
NOTE: No. 80563 is supplied unless No. 80564 is specified on order.									
80560	109	Thread Take-up Lever with 1819	...	...	...	...	...	...	...

*NOTE: No. 80563 is supplied unless No. 80564 is specified on order.*

80560 109 Thread Take-up Lever with 1819 ... ...

This machine is the same as 16K33 with the following exceptions:

No.	Plate							
80118	121	<b>Feed Dog</b>	...	...	...	...	...	...
2180	2444	<b>Presser Foot</b>	...	...	...	...	...	...
<i>NOTE. - No. 2180 is only supplied when ordered and at an extra charge</i>								
1867		<b>Roller</b> , $\frac{9}{16}$ " diam., coarse, with 388d and 1550j	...	...	...	...	...	...
1843	1381	" " $\frac{9}{16}$ " " fine, " 388d " 1550j	...	...	...	...	...	...
1868		" $\frac{7}{8}$ " " coarse, " 652d " 1528j	...	...	...	...	...	...
1842	1381	" $\frac{7}{8}$ " " fine, " 386d " 1528j	...	...	...	...	...	...
1839	1381	" $1\frac{1}{16}$ " " coarse, " 386d " 1528j	...	...	...	...	...	...
1869		" $1\frac{1}{16}$ " " fine, " 386d " 1528j	...	...	...	...	...	...
2202	1381	Arm for 80298 and 80299	...	...	...	...	...	...
2203	1381	" " 80300 " 80301	...	...	...	...	...	...
2204	1381	" " " 80302 " 80303	...	...	...	...	...	...
4401	2441	" " Adjusting Screw	...	...	...	...	...	...
1547j	2440	" " " Nut	...	...	...	...	...	...
80297	1381	" " Bracket	...	...	...	...	...	...
316f	2460	" " " Screw Centre	...	...	...	...	...	...
1547j	2460	" " " " " Nut	...	...	...	...	...	...
80106	1381	" " Flock Spring	...	...	...	...	...	...
SS50f	183	" " " " " Screw	...	...	...	...	...	...
82462	1381	" " " " " " Washer	...	...	...	...	...	...
80298		<b>Roller Presser</b> , $\frac{9}{16}$ " coarse roller, complete, Nos. SS50f, 440f, 1867, 2202, 80106, 80297, 82462, two 316f and three 1547j	...	...	...	...	...	...
80299		<b>Roller Presser</b> , $\frac{9}{16}$ " fine roller, complete, Nos. SS50f, 440f, 1843, 2202, 80106, 80297, 82462, two 316f, and three 1547j	...	...	...	...	...	...
80300		<b>Roller Presser</b> , $\frac{7}{8}$ " coarse roller, complete, Nos. SS50f, 440f, 1868, 2203, 80106, 80297, 82462, two 316f and three 1547j	...	...	...	...	...	...
80301		<b>Roller Presser</b> , $\frac{7}{8}$ " fine roller, complete, Nos. SS50f, 440f, 1842, 2203, 80106, 80297, 82462, two 316f, and three 1547j	...	...	...	...	...	...
80302		<b>Roller Presser</b> , $1\frac{1}{16}$ " coarse roller complete, Nos. SS50f, 440f, 1839, 2204, 80106, 80297, 82462, two 316f, and three 1547j	...	...	...	...	...	...
80303		<b>Roller Presser</b> , $1\frac{1}{16}$ " fine roller, complete, Nos. SS50f, 440f, 1869, 2204, 80106, 80297, 82462, two 316f, and three 1547j	...	...	...	...	...	...
<i>NOTE. - No. 80303 is supplied unless otherwise specified on order.</i>								
190d	2441	<b>Roller Presser Screw</b> ...	...	...	...	...	...	...
388d	2441	" " Screw for 1843 and 1867	...	...	...	...	...	...
652d	2441	" " " 1868	...	...	...	...	...	...
386d	2441	" " " 1839, 1842 and 1869	...	...	...	...	...	...
1550j	2441	" " " Nut for 1843 and 1867	...	...	...	...	...	...
1528j	2441	" " " " 1839, 1842, 1868 and 1869	...	...	...	...	...	...
80122	121	<b>Throat Plate</b> , for 80118	...	...	...	...	...	...
80107	1381	<b>Wrench</b> ...	...	...	...	...	...	...

# No. 16K55 Machine

## G.B. Shuttle. Wheel Feed. Roller Presser. For Leather

This machine is the same as 16K33 with the following exceptions:-

No.	Plate	Part	...	...	...	...	...	...	...	...	...
*80984	—	<b>Bed</b>	...	...	...	...	...	...	...	...	...
80696	—	<b>Face Plate</b> , complete, Nos. 145e, 233d, 460e, 2111, 80081, 80214, 80259, 80518 and 82358	...	...	...	...	...	...	...	...	...
3074	2443	<b>Feed Eccentric</b> with 446c	...	...	...	...	...	...	...	...	...
446c	2446	“ “ “ Set Screw	...	...	...	...	...	...	...	...	...
2664	—	<b>Feed Wheel</b> (fine teeth) ...	...	...	...	...	...	...	...	...	...
2258	96	“ “ “ (medium teeth) ...	...	...	...	...	...	...	...	...	...
15022	96	“ “ “ (coarse teeth) ...	...	...	...	...	...	...	...	...	...
NOTE. —No. 2258 is supplied unless otherwise specified on order.											
80094	96	<b>Feed Wheel Driver</b> , complete, Nos. 2266, 80097, two each 80095 and 80096	...	...	...	...	...	...	...	...	...
80097	2445	“ “ “ Bushing	...	...	...	...	...	...	...	...	...
80095	2445	“ “ “ Collar	...	...	...	...	...	...	...	...	...
80096	2445	“ “ “ Rivet	...	...	...	...	...	...	...	...	...
80613	118	“ “ “ Link	...	...	...	...	...	...	...	...	...
324d	2441	“ “ “ Screw	...	...	...	...	...	...	...	...	...
80098	118	“ “ “ Spring	...	...	...	...	...	...	...	...	...
2266	2441	“ “ “ Hook	...	...	...	...	...	...	...	...	...
80612	118	<b>Feed Wheel Frame</b> with 453c	...	...	...	...	...	...	...	...	...
80801	—	<b>Feed Wheel Frame</b> , complete, Nos. 151c, 152d, 164d, 240d, 2252 to 2255, 2258, 3077, 80093, 80099, 80612 and two 205d	...	...	...	...	...	...	...	...	...
3077	118	<b>Feed Wheel Frame Shaft</b>	...	...	...	...	...	...	...	...	...
453c	2447	“ “ “ Set Screw	...	...	...	...	...	...	...	...	...
80093	118	“ “ “ Suspension Bracket	...	...	...	...	...	...	...	...	...
152d	118	“ “ “ “ “ Adjusting Screw	...	...	...	...	...	...	...	...	...
164d	2443	“ “ “ “ “ Binding Screw	...	...	...	...	...	...	...	...	...
2253	69	“ “ “ Friction Plate (back) ...	...	...	...	...	...	...	...	...	...
151c	2441	“ “ “ “ “ ( “ ) Screw	...	...	...	...	...	...	...	...	...
2252	69	“ “ “ “ “ (front) ...	...	...	...	...	...	...	...	...	...
205d	2441	“ “ “ “ “ ( “ ) Screw	...	...	...	...	...	...	...	...	...

## No. 16K55 MACHINE PARTS

No.	Plate	Part	...	...	...	...	...	...	...	...	...
2254	118	<b>Feed Wheel Retaining Clutch</b> ...	...	...	...	...	...	...	...	...	...
2255	69	“ “ “ Cap	...	...	...	...	...	...	...	...	...
205d	2441	“ “ “ Screw ...	...	...	...	...	...	...	...	...	...
80099	118	“ “ “ Spring	...	...	...	...	...	...	...	...	...
240d	118	“ “ “ Screw	...	...	...	...	...	...	...	...	...

No.	Plate	Part	...	...	...	...	...	...	...	...	...
80100	69	<b>Presser Foot</b> ...	...	...	...	...	...	...	...	...	...

NOTE. —No. 80100 is only supplied when ordered and at an extra charge.

1867	—	<b>Roller</b> , $\frac{9}{16}$ " diam., coarse, with 388d and 1550j	...	...	...	...	...	...	...	...	...
1843	1381	“ “ “ fine, ...	...	...	...	...	...	...	...	...	...
1868	—	“ “ “ coarse, ...	...	...	...	...	...	...	...	...	...
1842	1381	“ “ “ fine, ...	...	...	...	...	...	...	...	...	...
1839	1381	“ “ “ coarse, ...	...	...	...	...	...	...	...	...	...
1869	—	“ “ “ fine, ...	...	...	...	...	...	...	...	...	...
2202	1381	Arm for 80298 and 80299 ...	...	...	...	...	...	...	...	...	...
2203	1381	“ “ “ 80300 ...	...	...	...	...	...	...	...	...	...
2204	1381	“ “ “ 80302 ...	...	...	...	...	...	...	...	...	...
440f	2441	Adjusting Screw ...	...	...	...	...	...	...	...	...	...
1547j	2460	Nut ...	...	...	...	...	...	...	...	...	...
80297	1381	Bracket ...	...	...	...	...	...	...	...	...	...
316f	2460	Screw Centre ...	...	...	...	...	...	...	...	...	...
1547j	2460	Nut ...	...	...	...	...	...	...	...	...	...
80106	1381	Lock Spring ...	...	...	...	...	...	...	...	...	...
SS50f	183	Screw ...	...	...	...	...	...	...	...	...	...
82462	1381	Washer ...	...	...	...	...	...	...	...	...	...
80298	—	<b>Roller Presser</b> , $\frac{9}{16}$ " coarse roller, complete, Nos. SS50f, 440f, 1843, 2202, 80106, 80297, 82462, two 316f and three 1547j ...	...	...	...	...	...	...	...	...	...
80299	—	<b>Roller Presser</b> , $\frac{9}{16}$ " fine roller, complete, Nos. SS50f, 440f, 1843, 2202, 80106, 80297, 82462, two 316f, and three 1547j ...	...	...	...	...	...	...	...	...	...
80300	—	<b>Roller Presser</b> , $\frac{7}{8}$ " coarse roller, complete, Nos. SS50f, 440f, 1868, 2203, 80106, 80297, 82462, two 316f and three 1547j ...	...	...	...	...	...	...	...	...	...
80301	—	<b>Roller Presser</b> , $\frac{7}{8}$ " fine roller, complete, Nos. SS50f, 440f, 1842, 2203, 80106, 80297, 82462, two 316f, and three 1547j ...	...	...	...	...	...	...	...	...	...
80302	—	<b>Roller Presser</b> , $\frac{11}{16}$ " coarse roller, complete, Nos. SS50f, 440f, 1839, 2204 80106, 80297, 82462, two 316f, and three 1547j ...	...	...	...	...	...	...	...	...	...
80303	—	<b>Roller Presser</b> , $\frac{11}{16}$ " fine roller, complete, Nos. SS50f, 440f, 1869, 2204, 80106, 80297, 82462, two 316f, and three 1547j ...	...	...	...	...	...	...	...	...	...

NOTE. —No. 80303 is supplied unless otherwise specified on order.

No.	Plate						
190d	2441	<b>Roller Presser Screw</b>	...	...	...	...	...
388d	2441	"	Screw for 1843 and 1867	...	...	...	...
652d	2441	"	"	1868	...	...	...
386d	2441	"	"	1839, 1842 and 1869	...	...	...
1550j	2441	"	"	Nut for 1843 and 1867	...	...	...
1528j	2441	"	"	"	1839, 1842, 1868 and 1869	...	...
2614	2445	<b>Shuttle Race Back</b>	...	...	...	...	...
907d	2445	"	"	"	Spring Screw	...	...
2547	2445	"	"	Body	...	...	...
15438	---	"	"	2547 with 2548, two each	662d and 2532	...	...
2548	2445	"	"	Cap	...	...	...
2546	---	<b>Shuttle Race</b> , complete, Nos. 907d, 2445, 2614 and 15438	145880 1533	3/48	12/49		
80548	2441	<b>Tension Spring</b>	...	...	...	...	...
80214	---	<b>Tension</b> , complete, Nos. 16202, 80548 and two 2102	...	...	...	...	...
80101	69	<b>Throat Plate</b> for size 9 to 14 Needles	...	...	...	...	...
80102	69	"	"	16 to 18	"	...	...
80103	69	"	"	19 to 22	"	...	...
80104	69	"	"	23 to 25	"	...	...
691f	2455	"	"	Screw	...	...	...
NOTE. No. 80102 is supplied unless otherwise specified on order.							
80407	1381	<b>Wrench</b>	...	...	...	...	... 6/49
80865	---	<b>Drip Pan</b> with four wood screws $\frac{1}{2}$ " No. 5	...	...	...	...	...

**Parts Complete**

for

**No. 16K107 Machine****C.B. Shuttle. Top and Bottom Feed. High Lift.  
For Welting, Rug Binding, etc.**

No.	Plate						
*80718	---	<b>Arm</b> with 448c, 3005, 15404 and two 15405	...	...	...	...	...
2002	2443	"	Dowel Pin (2)	...	...	...	...
123e	2443	"	Screw (3)	...	...	...	...
80721	95	<b>Arm Shaft</b>	...	...	...	...	...
3005	2446	"	Bushing (back)	...	...	...	...
448c	2446	"	"	( " ) Set Screw	...	...	...
144c	2443	"	Screw	...	...	...	...
80719	93	<b>Arm Side Cover</b> (front)	...	...	...	...	...
SS56d	2466	"	"	( " ) Screw	...	...	...
80720	95	"	"	(back)	...	...	...
283d	2450	"	"	( " ) Thumb Screw	...	...	...
80722	93	<b>Balance Wheel</b> (3 $\frac{1}{4}$ " pulley, heavy rim), with two 435c	...	...	...	...	...
435c	2450	"	"	Set Screw	...	...	...
*80985	---	<b>Bed</b>	...	...	...	...	...
80724	95	<b>Crank Connecting Rod</b> with 81014 and two 158e	...	...	...	...	...
*81014	---	"	"	Cap	...	...	...
158c	2446	"	"	Screw	...	...	...
375c	2441	"	"	Hinge Screw	...	...	...
1518e	2448	"	"	"	Nut	...	...
80737	93	<b>Face Plate</b>	...	...	...	...	...
164d	2443	"	Screw (top)	...	...	...	...
207d	2442	"	"	(bottom)	...	...	...
80738	---	<b>Face Plate</b> , complete, Nos. 145c, 233d, 2108, 80081, 80211, 80259, 80688 and 80737	...	...	...	...	...
80735	2449	<b>Feed Bar</b> with 80036	...	...	...	...	...
80038	2449	"	"	Retaining Spring	...	...	...
80036	2449	"	"	"	Pin	...	...
313c	2449	"	"	"	Screw Centre (2)	...	...
1519e	2453	"	"	"	Nut (2)	...	...

No.	Plate								
3032	2444	<b>Feed Cam</b> with 446c	...	...	...	...	...	...	...
446c	2446	" " Set Screw	...	...	...	...	...	...	...
52165	107	<b>Feed Connecting Link</b>	...	...	...	...	...	...	...
375c	2441	" " " Hinge Screw (2)	...	...	...	...	...	...	...
1518e	2448	" " " Nut (2)	...	...	...	...	...	...	...
80736	107	<b>Feed Dog</b>	...	...	...	...	...	...	...
2088	2444	" " Screw (2)	...	...	...	...	...	...	12/49
80726	95	<b>Feed Forked Connection</b>	...	...	...	...	...	...	...
375c	2441	" " " Hinge Screw	...	...	...	...	...	...	...
1518e	2448	" " " Nut	...	...	...	...	...	...	...
3165	2440	<b>Feed Lifting Rock Shaft</b>	...	...	...	...	...	...	...
80540	"	" " " 3165 with 80541	...	...	...	...	...	...	...
80541	103	" " " Crank with 157c and 1813	...	...	...	...	...	...	...
157c	2442	" " " Clamping Screw	...	...	...	...	...	...	...
1813	2449	" " " Roller and Stud	...	...	...	...	...	...	...
307c	2446	" " " Screw Centre (2)	...	...	...	...	...	...	...
1513j	2446	" " " Nut (2)	...	...	...	...	...	...	...
3039	103	<b>Feed Regulator</b>	...	...	...	...	...	...	...
1128e	2449	" " Hinge Screw	...	...	...	...	...	...	...
SS113d	2449	" " Thumb Screw	...	...	...	...	...	...	...
80727	2449	" " " Marker	...	...	...	...	...	...	...
80728	96	<b>Feed Rock Shaft</b> with 80036	...	...	...	...	...	...	...
80729	"	" " " 80728 with 80730	...	...	...	...	...	...	...
80731	103	" " " Bracket (front)	...	...	...	...	...	...	...
80732	103	" " " (back)	...	...	...	...	...	...	...
SS70e	2450	" " " Screw	...	...	...	...	...	...	...
80734	96	" " " Stay Rod	...	...	...	...	...	...	...
190d	2441	" " " " " Screw	...	...	...	...	...	...	...
80733	2449	" " " " Steady Pin	...	...	...	...	...	...	...
80730	2449	" " " " Crank with 446c	...	...	...	...	...	...	...
3012	2449	" " " " Pin	...	...	...	...	...	...	...
446c	2446	" " " " Set Screw	...	...	...	...	...	...	...
80036	2449	" " " " Retaining Spring Pin	...	...	...	...	...	...	...
307c	2446	" " " " Screw Centre (2)	...	...	...	...	...	...	...
1513j	2446	" " " " Nut (2)	...	...	...	...	...	...	...
80556		<b>Lifting Presser Plunger</b>	...	...	...	...	...	...	...
80685	107	" " " 80556 with 80557 and 80558	...	...	...	...	...	...	...
80557	2453	" " " Roller	...	...	...	...	...	...	...
80558	2453	" " " " Pin	...	...	...	...	...	...	...
80818	2449	" " " " Yoke	...	...	...	...	...	...	...
80819	"	" " " 80818 with SS44b and 178b	...	...	...	...	...	...	...
SS44b	2449	" " " " Clamping Screw	...	...	...	...	...	...	...
178b	2467	" " " " Set Screw	...	...	...	...	...	...	...

## No. 16K107 MACHINE PARTS

No.	Plate										
80746	105	<b>Presser Bar Lifter</b>	...	...	...	...	...	...	...	...	...
598c	2450	" " "	Hinge Screw	...	...	...	...	...	...	...	...
1547c	2460	" " "	" " Nut	...	...	...	...	...	...	...	...
80745	103	" " "	Lifting Bracket with 453c	...	...	...	...	...	...	...	...
453c	2447	" " "	Set Screw	...	...	...	...	...	...	...	...
80747	2450	" " "	Spring	...	...	...	...	...	...	...	...
SS111e	2447	" " "	Regulating Thumb Screw	...	...	...	...	...	...	...	...
1632c	2450	" " "	" " Lock Nut	...	...	...	...	...	...	...	...
<del>80569</del>	2450	" " "	" " " Wrench $\frac{1}{4}$ g	...	...	...	...	...	...	...	...
80748	2450	" " "	Washer	...	...	...	...	...	...	...	...
80755	—	<b>Reel Holder Rod</b>	...	...	...	...	...	...	...	...	...
80756	95	" " "	80755 with SS191d	...	...	...	...	...	...	...	...
<del>196A</del>	2453	" " "	Set Screw	...	...	...	...	...	...	...	...
SS191d	2450	" " "	Spool Pin	...	...	...	...	...	...	...	...
NN21d	2450	" " "	" " Jam Nut	...	...	...	...	...	...	...	...
80757	106	" " "	" " Washer (leather)	...	...	...	...	...	...	...	...
80754	—	<b>Reel Holder (top)</b> , complete, Nos. 196A, 80756, two each NN21d $\frac{1}{4}$ g and 80757	...	...	...	...	...	...	...	...	...
2518	23	<b>Shuttle Bobbin</b>	...	...	...	...	...	...	...	...	...
*62739	—	" " Case	...	...	...	...	...	...	...	...	...
15277	23	" " " complete Nos. 591c, 592e, 2975, 15141 and 15278 $\frac{1}{4}$ g	...	...	...	...	...	...	...	...	...
15277	23	<b>Shuttle Bobbin Case</b> with 591c, 592e, 2975, 15141 and 15278 $\frac{1}{4}$ g	...	...	...	...	...	...	...	...	...
15140	23	" " " Hinge, complete, Nos. 2973, 2974 and 15140	...	...	...	...	...	...	...	...	...
2973	23	" " " Latch	...	...	...	...	...	...	...	...	...
2974	23	" " " Lever	...	...	...	...	...	...	...	...	...
2975	23	" " " Fulcrum Pin	...	...	...	...	...	...	...	...	...
592e	23	" " " Spring	...	...	...	...	...	...	...	...	...
15027	—	" " " Step Screw	...	...	...	...	...	...	...	...	...
2523	—	" " " Position Finger	...	...	...	...	...	...	...	...	...
2515	23	" " " Rivet	...	...	...	...	...	...	...	...	...
591f	23	" " Body	...	...	...	...	...	...	...	...	...
15278	23	" " Tension Regulating Screw	...	...	...	...	...	...	...	...	...
125018	—	<b>Shuttle</b> , $1\frac{1}{8}$ " diam., complete, Nos. 2515, 2518 and 15277	...	...	...	...	...	...	...	...	...
*2542	—	<b>Shuttle Driver</b>	...	...	...	...	...	...	...	...	...
2441	23	" " " 2542 with two 462c $\frac{1}{4}$ g	...	...	...	...	...	...	...	...	...
2049	2453	" " " Pin	...	...	...	...	...	...	...	...	...
<del>462c</del>	2449	" " " Set Screw	...	...	...	...	...	...	...	...	...
2531	23	<b>Shuttle Race Back</b>	...	...	...	...	...	...	...	...	...
2532	23	" " " Position Pin	...	...	...	...	...	...	...	...	...
<del>2533</del>	23	" " " Spring	...	...	...	...	...	...	...	...	...
648d	2444	" " " Screw	...	...	...	...	...	...	...	...	...
2530	23	" " " Body	...	...	...	...	...	...	...	...	...
15437	—	" " " 2530 with 2535, two each 662d and 2532	...	...	...	...	...	...	...	...	...

## No. 16K107 MACHINE PARTS

No.	Plate										
2535	23	<b>Shuttle Race Cap</b>	...	...	...	...	...	...	...	...	...
662d	2444	" " " Screw	...	...	...	...	...	...	...	...	...
145d	2443	" " " Screw (2)	...	...	...	...	...	...	...	...	...
<del>56887</del>	<del>2528</del>	<del>Shuttle Race, complete, Nos. 648d, 2531, 2533 and 15437</del>	<del>...</del>								
4305	107	<b>Shuttle Race Slide</b>	...	...	...	...	...	...	...	...	...
80528	—	" " " 4305 with 2824 and two 51282e	...	...	...	...	...	...	...	...	...
2824	107	" " " Spring	...	...	...	...	...	...	...	...	...
51282e	2444	" " " Screw	...	...	...	...	...	...	...	...	...
80758	93	<b>Side Rock Shaft</b>	...	...	...	...	...	...	...	...	...
80761	—	" " " 80758 with 80759	...	...	...	...	...	...	...	...	...
80759	105	" " " Connection Crank with 148c	...	...	...	...	...	...	...	...	...
80760	2450	" " " Pin	...	...	...	...	...	...	...	...	...
448c	2446	" " " Set Screw	...	...	...	...	...	...	...	...	...
80714	2450	" " " Hinged Joint	...	...	...	...	...	...	...	...	...
80762	—	" " " 80714 with NN36d, 80763 and two 220d	...	...	...	...	...	...	...	...	...
80763	—	" " " Cap	...	...	...	...	...	...	...	...	...
220d	2450	" " " Screw	...	...	...	...	...	...	...	...	...
NN36d	2450	" " " Nut	...	...	...	...	...	...	...	...	...
<del>80569</del>	2450	" " " Wrench	...	...	...	...	...	...	...	...	$\frac{1}{4}$ g
80764	—	" " " Quadrant with SS236c	...	...	...	...	...	...	...	...	...
80768	95	" " " 80764 with RR23 and 80789	...	...	...	...	...	...	...	...	...
80772	106	" " " Cam with two 448c	...	...	...	...	...	...	...	...	...
RR23	2450	" " " Roller	...	...	...	...	...	...	...	...	...
80789	2450	" " " Pin	...	...	...	...	...	...	...	...	...
448c	2446	" " " Set Screw	...	...	...	...	...	...	...	...	...
2117	2447	" " " Pin	...	...	...	...	...	...	...	...	...
80773	105	" " " Pitman	...	...	...	...	...	...	...	...	...
80776	—	" " " 80773 with 240d, 80774 and 80775	...	...	...	...	...	...	...	...	...
80774	106	" " " Bushing	...	...	...	...	...	...	...	...	...
378c	2450	" " " Hinge Screw	...	...	...	...	...	...	...	...	...
1520r	104	" " " Nut	...	...	...	...	...	...	...	...	...
80775	107	" " " Stitch Marker	...	...	...	...	...	...	...	...	...
240d	118	" " " Screw	...	...	...	...	...	...	...	...	...
SS236c	2450	" " " Set Screw	...	...	...	...	...	...	...	...	...
80770	106	" " " Shaft	...	...	...	...	...	...	...	...	...
80771	107	" " " Collar with two 453c	...	...	...	...	...	...	...	...	...
453c	2447	" " " Set Screw	...	...	...	...	...	...	...	...	...
80769	106	" " " Spring	...	...	...	...	...	...	...	...	...
SS164c	2450	" " " Hook	...	...	...	...	...	...	...	...	...
190c	2441	" " " Screw	...	...	...	...	...	...	...	...	...

No.	Plate	Part Description	Dimensions	Notes
80766	103	Side Rock Shaft Quadrant Stitch Regulator Bolt	... ...	
*196d	2453	" " " " " " " " Screw (top)	... ...	
SS188d	2450	" " " " " " " " (bottom)	... ...	
80767	107	" " " " " " " " Stop Washer	... ...	
NN84d	2450	" " " " " " " " Wing Nut	... ...	
307e	2446	" " " " " " " " Screw Centre	... ...	
1513j	2446	" " " " " " " " Nut	... ...	
80778	106	Spool Holder Base with 80782	... ...	
62d	2450	" " " " Binding Screw	... ...	
80779	106	" " " " " " " " Spring Washer	... ...	
80780	106	" " " " Spool Pin with 80781	... ...	
80781	106	" " " " " " " " Plate	... ...	
80782	106	" " " " " " " " Hook Pin	... ...	747
80777	---	Spool Holder (swinging), complete, Nos. 62d and 80778 to 80780		
2102	105	Tension Disc	... ...	
80081	2441	" " Release Pin	... ...	
1560d	2441	" " Regulating Thumb Nut	... ...	
*600f	2441	" " Screw Stud	... ...	
16202	---	" " " " 600f with 1560d	... ...	
145e	2443	" " " " Clamping Set screw	... ...	
2103	2441	" " Spring	... ...	
80211	---	Tension, complete, Nos. 2103, 16202 and two 2102	... ...	
2108	2450	Thread Guard	... ...	
80784	105	Thread Take-up Cam with 146c	... ...	
80785	---	" " " " 80784 with 80786 and two 704e	... ...	
80786	105	" " " " Lifting Cam	... ...	
704e	2454	" " " " " " Screw	... ...	
3012	2449	" " " " Pin	... ...	
446e	2446	" " " " Set Screw	... ...	
80783	106	Thread Take-up Lever with 1819	... ...	
76e	2467	" " " " Hinge Screw	... ...	
1819	2443	" " " " Roller and Stud	... ...	
80259	106	Thread Take-up Spring	... ...	
80688	106	" " " " Regulator Plate	... ...	
233d	2453	" " " " " " " " Screw	... ...	
80787	107	Throat Plate for 80736	... ...	
691f	2455	" " " " Screw (2)	... ...	
SS65d	2450	Welting Gauge Binding Screw	... ...	
80788	2450	" " " " " " " " Washer	... ...	
80823	---	Drip Pan with six wood screws $\frac{1}{2}$ " No. 5	... ...	
*15404	---	Trade Mark	... ...	
15405	---	" " " " Rivet	... ...	

## No. 16K110 Machine

### C.B. Shuttle, Wheel Feed, Roller Presser, For Waxed Thread.

This machine is the same as 16K33 with the following exceptions:--

No.	Plate	Part Description	Dimensions	Notes
*80894		Arm with 448c, 3005, 4449, 12453, 15404 and two 15405		
80554		Balance Wheel (two-speed, $3\frac{1}{8}$ " and $5\frac{1}{8}$ " pulley) with two 448c...		
*80984		Bed	... ...	
80707		Face Plate, complete, Nos. 145e, 233d, 460c, 2111, 80081, 80214, 80518, 80549 and 82358	... ...	
3074	2443	Feed Eccentric with 446c	... ...	
446e	2446	" " " " Set Screw	... ...	
2664		Feed Wheel (fine teeth)	... ...	
2258	96	" " " " (medium teeth)	... ...	
15022	96	" " " " (coarse teeth)	... ...	
NOTE. -No. 15022 is supplied unless otherwise specified on order.				
80094	96	Feed Wheel Driver, complete, Nos. 2266, 80097, two each 80095 and 80096		
80097	2445	" " " " Bushing	... ...	
80095	2445	" " " " Collar	... ...	
80096	2445	" " " " " " Rivet	... ...	
80613	118	" " " " Link	... ...	
324d	2441	" " " " " " Screw	... ...	
80098	118	" " " " Spring	... ...	
2266	2441	" " " " " " Hook	... ...	
80612	118	Feed Wheel Frame with 453c	... ...	
80801		" " " " " " complete, Nos. 151c, 152d, 164d, 240d, 2252 to 2255, 2258, 3077, 80093, 80099, 80612 and two 205d	... ...	
3077	118	Feed Wheel Frame Shaft	... ...	
453c	2447	" " " " " " Set Screw	... ...	
80093	118	" " " " Suspension Bracket	... ...	
152d	118	" " " " " " " " Adjusting Screw	... ...	
164d	2443	" " " " " " " " Binding Screw	... ...	
2253	69	" " " " Friction Plate (back)	... ...	
151c	2441	" " " " " " " " ( " " ) Screw	... ...	
2252	69	" " " " " " " " (front)	... ...	
205d	2441	" " " " " " " " ( " " ) Screw	... ...	

No.	Plate	Feed Wheel Retaining Clutch	Cap	Screw	Spring	Screw
2254	118					
2255	69	" " "	" Cap	"	"	"
205d	2441	" " "	" " Screw	"	"	"
80099	118	" " "	" " Spring	"	"	"
240d	118	" " "	" " Screw	"	"	"
80806	2438	<b>Oil Box</b>				
145d	2443	" " Screw	"	"	"	"
80553	2443	" " Thread Retaining Spring				
80552	2438	<b>Oil Box</b> , complete, Nos. 80553 and 80806				
80547	2443	<b>Presser Bar Spring</b>				
80100	69	<b>Presser Foot</b>				

NOTE.—No. 80100 is only supplied when ordered and at an extra charge.

1867	—	<b>Roller</b> , $\frac{9}{16}$ " diam., coarse, with 388d and 1550j				
1843	1381	" $\frac{9}{16}$ " " fine, " 388d " 1550j				
1868	—	" $\frac{3}{8}$ " " coarse, " 652d " 1528j				
1842	1381	" $\frac{3}{8}$ " " fine, " 386d " 1528j				
1839	1381	" $1\frac{1}{4}$ " " coarse, " 386d " 1528j				
1869	—	" $1\frac{1}{4}$ " " fine, " 386d " 1528j				
2202	1381	Arm for 80298 and 80299				
2203	1381	" " " 80300 " 80301				
2204	1381	" " " 80302 " 80303				
440f	2441	" " Adjusting Screw				
1547j	2460	" " " " Nut				
80297	1381	" " Bracket				
316f	2460	" " " Screw Centre				
1547j	2460	" " " " Nut				
80106	1381	" " Lock Spring				
SS50f	183	" " " " Screw				
82462	1381	" " " " Washer				
80298	—	<b>Roller Presser</b> , $\frac{9}{16}$ " coarse roller, complete, Nos. SS50f, 440f, 1867, 2202, 80106, 80297, 82462, two 316f and three 1547j				
80299	—	<b>Roller Presser</b> , $\frac{9}{16}$ " fine roller, complete, Nos. SS50f, 440f, 1843, 2202, 80106, 80297, 82462, two 316f and three 1547j				
80300	—	<b>Roller Presser</b> , $\frac{3}{8}$ " coarse roller, complete, Nos. SS50f, 440f, 1868, 2203, 80106, 80297, 82462, two 316f and three 1547j				
80301	—	<b>Roller Presser</b> , $\frac{3}{8}$ " fine roller, complete, Nos. SS50f, 440f, 1842, 2203, 80106, 80297, 82462, two 316f and three 1547j				
80302	—	<b>Roller Presser</b> , $1\frac{1}{4}$ " coarse roller, complete, Nos. SS50f, 440f, 1839, 2204, 80106, 80297, 82462, two 316f and three 1547j				
80303	—	<b>Roller Presser</b> , $1\frac{1}{4}$ " fine roller, complete, Nos. SS50f, 440f, 1869, 2204, 80106, 80297, 82462, two 316f and three 1547j				

NOTE.—No. 80303 is supplied unless otherwise specified on order.

No.	Plate	<b>Roller Presser Screw</b>				
190d	2441	" " Screw for 1843 and 1867				
388d	2441	" " " 1868				
652d	2441	" " " 1839, 1842 and 1869				
386d	2441	" " " Nut for 1843 and 1867				
1550j	2441	" " " 1839, 1842, 1868 and 1869				
1528j	2441	" " " 1839, 1842, 1868 and 1869				
2614	2445	<b>Shuttle Race Back</b>				
907d	2445	" " " Spring Screw				
2547	2445	" " " Body				
15438	—	" " " 2547 with 2548, two each 662d and 2532				
2548	2445	" " " Cap				
2546	—	<b>Shuttle Race</b> , complete, Nos. 907d, 2533, 2614, and 15438				<i>3/48</i>
80548	2441	<b>Tension Spring</b>				
80214	—	<b>Tension</b> , complete, Nos. 16202, 80548 and two 2102				
80550	109	<b>Thread Take-up Lever with 1819</b>				
80549	2443	" " " Spring				
80101	69	<b>Throat Plate</b> for size 9 to 14 Needles				
80102	69	" " " 16 " 18 " "				
80103	69	" " " 19 " 22 " "				
80104	69	" " " 23 " 25 " "				
691f	2455	" " " Screw (2)				
80107	1381	<b>Wrench</b>				<i>6/44</i>
80865	—	<b>Drip Pan</b> with four wood screws $\frac{1}{2}$ " No. 5				

NOTE.—No. 80104 is supplied unless otherwise specified on order.

No. 16K111 Machine

**C.B. Shuttle, Universal Feed, with Feed Controlling Handle on bottom.**  
**For Lettering, Scroll Tracing, etc.**

This machine is the same as 16K33 with the following exceptions:

No.	Plate								
*80986		<b>Bed</b>	...	...	...	...	...	...	...
80696		<b>Face Plate</b> , complete, Nos. 145e, 233d, 460e, 2111, 80081, 80214, 80259, 80518 and 82358	...	...	...	...	...	...	...
80830	751	<b>Feed Bar</b>	...	...	...	...	...	...	...
80831	751	" " " Ball Joint	...	...	...	...	...	...	...
80832	751	" " " " Cap...	...	...	...	...	...	...	...
217d	2151	" " " " " Screw (3)	...	...	...	...	...	...	...
80833	751	" " " " Eccentric (angled)	...	...	...	...	...	...	...
8569	751	" " " " " Pin	...	...	...	...	...	...	...
80834	751	" " " " Gib...	...	...	...	...	...	...	...
80835	751	" " " " Spindle with 80837	...	...	...	...	...	...	...
80836	751	" " " " " Bush (for Bed)	...	...	...	...	...	...	...
80837	2151	" " " " " Key	...	...	...	...	...	...	...
80838	751	" " " " " Sleeve	...	...	...	...	...	...	...
80839	751	" " " Bracket with two 175d	...	...	...	...	...	...	...
175d	2146	" " " " Adjusting Screw	...	...	...	...	...	...	...
80840	751	" " " " Spindle	...	...	...	...	...	...	...
80841	-	<b>Feed Dog</b> (fine)...	...	...	...	...	...	...	...
80842	2451	" " " (coarse)	...	...	...	...	...	...	...
202e	2451	" " " Setew (2)	...	...	...	...	...	...	...

NOTE. - No. 80842 is supplied unless otherwise specified on order.

80843	-	<b>Feed Lifting Rock Shaft 3165 with 80844 ...</b>						...
80844	2451	"	"	"	"	Crank with RR59 and 157e		
RR59	2451	"	"	"	"	"	Roller and Stud	...
80845	2439	<b>Feed Motion Bracket</b>						...
158d	2446	"	"	"	Binding Screw (2)		...	...
80846	751	"	"	"	Spindle with 80848			...
80847	751	"	"	"	"	Head	...	...
80848	-	"	"	"	"	Position Pin	...	...
SS332c	751	"	"	"	"	Screw	...	...
80849	751	"	"	"	"	Spring	...	...
2049	2453	"	"	"	Steady Pin (2)		...	...

No.	Plate	Feed Motion Controlling Handle (wood) ...					
80023	2439	"	"	"	"	Lever with 453e	...
80850	2439	"	"	"	"	Set Screw	...
153e	2447	"	"	"	"	Spindle	...
8433	2451	"	"	"	"	Washer (brass)	...
80025	2451	"	"	"	"		
80851	2439	Feed Motion Controlling Handle, complete, Nos. 8433, 80023, 80025 and 80850					
80852	2439	Feed Rock Shaft					
80853	751	"	"	"	Centre (double)	...	...
80854	2451	"	"	"	Crank with 4624 and 1822	...	...
1822	2451	"	"	"	Roller and Stud	...	...
80056	2453	Needle Clamp 80042 with 196A, 240f and 80055					
80055	2453	"	"	Thread Eyelet	...	...	...
81011	2439	Presser Bar					
81012	2451	Presser Foot Frame with 198d					
198d	2451	"	"	Adjusting Screw	...	...	...
80857	2451	"	"	Disk (Glass)	...	...	...
2273	2451	"	"	Position Pin	...	...	...
81013	2451	Presser Foot (circular), complete, Nos. 80857 and 81012					
80859	2451	Shuttle Race Slide					
80860	2451	"	"	80859 with 2824 and two 51282e	...	...	...
80548	2441	Tension Spring					
80214	2441	Tension, complete, Nos. 16202, 80548 and two 2102					
80861	2451	Throat Plate (fine needle hole)					
80862	2451	"	"	(medium needle hole)	...	...	...
80863	2451	"	"	(coarse ...)	...	...	...
NOTE.	No. 80842 is supplied unless otherwise specified on order.						
80843	-	Feed Lifting Rock Shaft 3165 with 80844 ...					
80844	2451	"	"	Crank with RR59 and 157e	...	...	...
RR59	2451	"	"	Roller and Stud	...	...	...
NOTE.	No. 80863 is supplied unless otherwise specified on order.						
81034	2451	Feed Motion Controller, Complete, Nos. SS332e, 8569, 80830 to 80836, 80838 to 80840, (80845 to) 80845-80847, (80849) 80851, 80853, 80854 and three 217d					

*NOTE.* No. 80863 is supplied unless otherwise specified on order.

Feed Motion Controller, Complete, Nos. SS332c,  
8569, 80830 to 80836, 80838 to 80840, (80845 to) 80845-  
80847 (80849) 80851, 80853, 80854 and three? 7d

## No. 16K113 Machine

### C.B. Shuttle. Reversible Drop Feed. For Cloth.

This machine is the same as 16K33 with the following exceptions: - -

No.	Plate							
*80895	.....	<b>Arm</b>	with 448c, 3005, 4449, 12453, 15404 and two 15405					
80539	121	<b>Feed Dog</b>	...	...	...	...	...	...
44003	96	<b>Feed Forked Connection</b>	...	...	...	...	...	...
12332	2452	<b>Feed Regulator and Reverser</b>	...	...	...	...	...	...
12333	2452	" "	Handle	...	...	...	...	...
12323	2452	" "	"	Friction Spring	...	...	...	...
835d	2452	" "	"	Screw	...	...	...	...
834d	2452	" "	Thumb Screw	...	...	...	...	...
81025	2439	<b>Needle Bar</b>	...	...	...	...	...	...
81027	.....	" "	81025 with 1906, 240f, and 81026	...	...	...	...	...
80710	2452	" "	Connecting Stud with 155c	...	...	...	...	...
81026	2449	" "	Thread Guide	...	...	...	...	...
240f	118	" "	" "	Screw	...	...	...	...
skr 1906 <sup>Ak</sup>	2453	"	Set Screw	...	...	...	...	...
80711	2439	<b>Presser Bar</b>	...	...	...	...	...	...
80821	2467	" "	Lifting Bracket with 453c and 756c	...	...	...	...	...
80712	2452	" "	Spring	...	...	...	...	...
SS111e	2447	" "	"	Regulating Thumb Screw	...	...	...	...
11170	2452	" "	"	Washer	...	...	...	...
80527	2452	<b>Presser Foot</b>	...	...	...	...	...	...
80546	121	<b>Throat Plate</b>	...	...	...	...	...	...

**C.B. Shuttle. No Feed. For Darning Linen Table Cloths, Napkins, Sheets,  
Towels, etc.**

This machine is the same as 16K33, less Feed Parts, with the following exceptions:

No.	Plate	Arm with 448c, 3005, 4449, 12453, 15404 and two 15405	...
*80902			
*80987		<b>Bed</b> ...	...
80904	883	<b>Face Plate</b> ...	...
80905	-	<b>Face Plate</b> , complete, Nos. 145c, 233d, 2108, 80081, 80211, 80259, 80688 and 80904	...
80938	2439	<b>Needle Bar</b> ...	...
80929	"	" 80938 with SS237c, 620c and 24391	...
24391	2456	" " Thread Guard ...	...
620c	2456	" " " " Set Screw ...	...
SS237c	2456	" Set Screw ...	...
80908	886	<b>Oscillating Shuttle Shaft</b> ...	...
80909	2455	" " " Cam with two 448c	...
448c	2446	" " " " Set Screw ...	...
80913	2456	<b>Presser Bar Lifter</b> ...	...
80910	2456	" " Spring (upper) ...	...
80911	2456	" " " (lower) ...	...
262j	2442	" " " (" ") Regulating Thumb Screw ...	...
80912	883	" " Spring Bracket with 453c ...	...
80914	-	<b>Presser Foot Bracket</b> ...	...
80915	2456	" " Hinge Pin ...	...
80916	-	" " Sole ...	...
80917	883	<b>Presser Foot</b> (hinged), complete, Nos. 80914 to 80916	...
4820	2455	<b>Shuttle Bobbin Case Position Finger</b> ...	...
4931	2455	<b>Shuttle Bobbin Case</b> with 591f, 592e, 2975, 15098 and 15141	747
15098	2455	" Tension Spring ...	...
4821	-	<b>Shuttle</b> , 1 1/8" diam., complete, Nos. 2515, 2518 and 4931	...

No.	Plate							
4305h	107	<b>Shuttle Race Slide</b>	...	...	...	...	...	...
80528h		" " "	4305h with 2824h and two 51282e			...		
2824h	107	" " "	Spring	...	...	...	...	...
2108	2450	<b>Thread Guard</b>	...	...	...	...	...	...
80921	2455	<b>Thread Spreader</b> , complete, Nos. 934d, 1816, 80918 and 80919						
80922	883	" " " Cap (front)	...	...	...	...	...	...
80923	883	" " " (" " ) Steady Spring	...	...	...	...	...	...
2404d	118	" " " (" " ) " " " Screw	...	...	...	...	...	...
80924	883	" " " (back)	...	...	...	...	...	...
180d	953	" " " Screw	...	...	...	...	...	...
80918	2455	" " " Carrier	...	...	...	...	...	...
80919	2455	" " " Hook with 80920	...	...	...	...	...	...
80920	2455	" " " Pin	...	...	...	...	...	...
934d	2455	" " " Screw	...	...	...	...	...	...
1816	2455	" " " Roller and Stud	...	...	...	...	...	...
80688	106	<b>Thread Take-up Spring Regulator Plate</b>	...	...				
233d	2453	" " " " " " " Screw	...	...				
80925h	2455	<b>Throat Plate</b>	...	...	...	...	...	...
69th	2455	" " " Screw (2)	...	...	...	...	...	...

## No. 16K119 Machine

G.B. Shuttle. No Feed. For Darning or Mending Lace Curtains.

This machine is the same as 16K33, less Feed Parts, with the following exceptions:

No.	Plate							
*80926		<b>Arm</b> with 448c, 3005, 4449, 12453, 15104 and two 15105	...	...	...	...	...	...
*80987		<b>Bed</b>	...	...	...	...	...	...
80927	886	<b>Face Plate</b> with 80928 and two 12452	...	...	...	...	...	...
80928	2455	" " " Needle Guard	...	...	...	...	...	...
12152	2455	" " " " " Rivet	...	...	...	...	...	...
80930		<b>Face Plate</b> , complete, Nos. 145e, 233d, 2108, 80081, 80211, 80259, 80688, 80927 and 80942	...	...	...	...	...	...
80931	886	<b>Needle Bar</b> with SS237c, 620e, 899d and 24391	...	...	...	...	...	...
899d	2456	" " " Cap Screw	...	...	...	...	...	...
80932	2456	" " " Connecting Stud	...	...	...	...	...	...
80937		" " " " " 80932 with 7341 and 80933 to 80936	...	...	...	...	...	...
80933	2456	" " " " " Bush	...	...	...	...	...	...
7341	2456	" " " " " Set Screw	...	...	...	...	...	...
80934	2456	" " " " " Stop Bolt	...	...	...	...	...	...
80935	2456	" " " " " Head	...	...	...	...	...	...
80936	2456	" " " " " Spring	...	...	...	...	...	...
80910	2456	" " " Spring	...	...	...	...	...	...
80939	2456	" " " " " Collar	...	...	...	...	...	...
80940	2456	" " " " " Rivet	...	...	...	...	...	...
80941	2456	" " " " " Washer (feather)	...	...	...	...	...	...
24391	2456	" " " Thread Guard	...	...	...	...	...	...
620e	2456	" " " " " Set Screw	...	...	...	...	...	...
SS237c	2456	" " " Set Screw	...	...	...	...	...	...
80908	886	<b>Oscillating Shuttle Shaft</b>	...	...	...	...	...	...
80909	2455	" " " " " Cam with two 448c	...	...	...	...	...	...
448c	2446	" " " " " Set Screw	...	...	...	...	...	...
80942	2456	<b>Presser Bar Lifter Stop Pin</b>	...	...	...	...	...	...
SS105d	2456	" " " Screw Bushing	...	...	...	...	...	...
4820	2455	<b>Shuttle Bobbin Case Position Finger</b>	...	...	...	...	...	...
4931	2455	<b>Shuttle Bobbin Case</b> with 591f, 592e, 2975, 15098 and 15141	...	...	...	...	...	7/47
15098	2455	" " " Tension Spring	...	...	...	...	...	...

No.	Plate							
4821	---	<b>Shuttle, 1<math>\frac{1}{8}</math>" diam., complete, Nos. 2515, 2518 and 4931</b>						
4305h	107	<b>Shuttle Race Slide</b>	...	...	...	...	...	...
80528h	...	...	...	...	4305h with 2824h and two 51282e			
2824h	107	...	...	...	Spring	...	...	...
2108	2450	<b>Thread Guard</b>	...	...	...	...	...	...
80921	2455	<b>Thread Spreader, complete, Nos. 934d, 1816, 80918 and 80919</b>						
80922	883	...	...	Cap (front)	...	...	...	...
80923	883	...	...	...	( " ) Steady Spring	...	...	...
240d	118	...	...	...	( " ) " "	...	Screw	...
80924	883	...	...	...	(back)	...	...	...
180d	953	...	...	...	Screw	...	...	...
80918	2455	...	...	Carrier	...	...	...	...
80919	2455	...	...	Hook with 80920	...	...	...	...
80920	2455	...	...	...	Pin	...	...	...
934d	2455	...	...	...	Screw	...	...	...
1816	2455	...	...	...	Roller and Stud	...	...	...
80688	106	<b>Thread Take-up Spring Regulator Plate</b>						
233d	2453	...	...	...	...	...	Screw	...
80925h	2455	<b>Throat Plate</b>	...	...	...	...	...	...
			C. 1900 (2)					

## Parts Complete

for

## No. 16K121 Machine

**C.B. Shuttle. No Feed. Clamp Stop Motion. For Darning and Embroidery Work.**

No.	Plate		Arm with 448c, 3005, 4449, 12453, 15404 and two 15405						...
*80892			"	Dowel Pin (2)	...	...	...	...	...
2002	2443	"	"	Oil Tube, for intermediate bearing	...	...	...	...	...
12453	2443	"	Screw	...	...	...	...	...	...
123e	2443	"							
80501	2440	<b>Arm Shaft</b>	...	...	...	...	...	...	...
4449	2446	"	"	Bushing (front)	...	...	...	...	...
3005	2446	"	"	" (back)	...	...	...	...	...
448c	2446	"	"	" (" ) Set Screw	...	...	...	...	...
4288	2438	<b>Arm Side Cover</b>	...	...	...	...	...	...	...
51224d	2444	"	"	"	Thumb Screw	...	...	...	...
2007	2441	"	Spool Pin	...	...	...	...	...	...
80504	92	<b>Balance Wheel</b> (3" pulley, heavy rim)	...	...	...	...	...	...	...
*80982	-	<b>Bed</b>	...	...	...	...	...	...	...
256jw	2441	<b>Clamp Stop Motion</b>	Clamp Screw	...	...	...	...	...	7/47
248a	2441	"	" Stop Screw	...	...	...	...	...	
2020	2441	"	"	" Washer	...	...	...	...	
*3023	2441	"	"	Flanged Bushing	...	...	...	...	
4933	2441	"	"	"	3023 with two 462k AL	...	...	...	6/47
2022	133	"	"	"	Pin	...	...	...	
462k	2449	"	"	"	Set Screw	...	...	...	
3022j	-	<b>Clamp Stop Motion</b> , complete, Nos. 248a, 256jw, 2020 and 4933	"	"	"	...	...	...	
4292	685	<b>Crank Connecting Rod</b> with 4349 and two 158e	...	...	...	...	...	...	
*4349	-	"	"	Cap	...	...	...	...	
158e	2446	"	"	" Screw	...	...	...	...	
375c	2441	"	"	Hinge Screw	...	...	...	...	
1518e	2448	"	"	" Nut	...	...	...	...	

## No. 16K121 MACHINE PARTS

No.	Plate	Description	... ...											
81018	886	<b>Face Plate</b>	...	...	...	...	...	...	...	...	...	...	...	...
164d	2443	" " " Screw	...	...	...	...	...	...	...	...	...	...	...	...
81019	—	<b>Face Plate</b> , complete, Nos. 145e, 233d, 2108, 2124, 80081, 80211, 80688, 80942 and 81018	...	...	...	...	...	...	...	...	...	...	...	...
7647	886	<b>Needle Bar</b>	...	...	...	...	...	...	...	...	...	...	...	...
*3045	2148	" " Connecting Link	...	...	...	...	...	...	...	...	...	...	...	...
377c	2148	" " " " Hinge Screw	...	...	...	...	...	...	...	...	...	...	...	...
1518e	2448	" " " " Nut	...	...	...	...	...	...	...	...	...	...	...	...
2052	2443	" " " Stud with 155c	...	...	...	...	...	...	...	...	...	...	...	...
155c	2443	" " " Set Screw	...	...	...	...	...	...	...	...	...	...	...	...
290e	2453	" " Screw Bushing (2)	...	...	...	...	...	...	...	...	...	...	...	...
81020	2457	" " Yielding Presser	...	...	...	...	...	...	...	...	...	...	...	...
15588	2457	" " " Pin	...	...	...	...	...	...	...	...	...	...	...	...
7649	2457	" " " Spring	...	...	...	...	...	...	...	...	...	...	...	...
81021	—	<b>Needle Bar</b> , complete, Nos. 2273, 7647, 7649, 7651, 15588 and 81020	...	...	...	...	...	...	...	...	...	...	...	...
7651	2457	<b>Needle Clamp</b> with 206f...	...	...	...	...	...	...	...	...	...	...	...	...
2273	2451	" " " Pin	...	...	...	...	...	...	...	...	...	...	...	...
206f	2457	" " Set Screw	...	...	...	...	...	...	...	...	...	...	...	...
4304	2442	<b>Oscillating Rock Shaft</b> with 4784	...	...	...	...	...	...	...	...	...	...	...	...
3052	2442	" " " Hinge Pin	...	...	...	...	...	...	...	...	...	...	...	...
1513j	2446	" " " " Nut	...	...	...	...	...	...	...	...	...	...	...	...
635c	2442	" " " " Screw Bearing	...	...	...	...	...	...	...	...	...	...	...	...
1513j	2446	" " " " " " Nut	...	...	...	...	...	...	...	...	...	...	...	...
4784	2442	" " " Oil Pad	...	...	...	...	...	...	...	...	...	...	...	...
3168	2440	<b>Oscillating Shuttle Shaft</b>	...	...	...	...	...	...	...	...	...	...	...	...
15163	2442	" " " Crank	...	...	...	...	...	...	...	...	...	...	...	...
*15164	—	" " " 15163 with 1519e and 15171	...	...	...	...	...	...	...	...	...	...	...	...
15165	2442	" " " 15164 with two 462a <sub>AL</sub>	...	...	...	...	...	...	...	...	...	...	...	...
2049	2453	" " " Pin	...	...	...	...	...	...	...	...	...	...	...	...
462a <sub>AL</sub>	2449	" " " Set Screw	...	...	...	...	...	...	...	...	...	...	...	...
15170	2442	" " " Slide Block	...	...	...	...	...	...	...	...	...	...	...	...
15171	2442	" " " " 15170 with 226d, 1035c and 12424	...	...	...	...	...	...	...	...	...	...	...	...
226d	2442	" " " " Cap Screw	...	...	...	...	...	...	...	...	...	...	...	...
12424	2442	" " " " Washer	...	...	...	...	...	...	...	...	...	...	...	...
1035c	2442	" " " " Screw Stud	...	...	...	...	...	...	...	...	...	...	...	...
1519e	2453	" " " " Nut	...	...	...	...	...	...	...	...	...	...	...	...
15165	2442	Oscillating Shuttle Shaft Crank 15426 with 1519e, 15171 and two 462a <sub>AL</sub>	...	...	...	...	...	...	...	...	...	...	...	...

From the library of: Superior Sewing Machine & Supply LLC

## No. 16K121 MACHINE PARTS

No.	Plate	Description	... ...	... ...										
80269	2442	<b>Presser Bar Lifter</b>	...	...	...	...	...	...	...	...	...	...	...	...
689c	104	" " " Screw	...	...	...	...	...	...	...	...	...	...	...	...
1520r	104	" " " Nut	...	...	...	...	...	...	...	...	...	...	...	...
80942	2456	" " " Stop Pin	...	...	...	...	...	...	...	...	...	...	...	...
290e	2453	" " Screw Bushing	...	...	...	...	...	...	...	...	...	...	...	...
262j	2442	" " Spring Regulating Thumb Screw	...	...	...	...	...	...	...	...	...	...	...	...
2518	23	<b>Shuttle Bobbin</b>	...	...	...	...	...	...	...	...	...	...	...	...
*62739	—	" " " Case	...	...	...	...	...	...	...	...	...	...	...	...
15277	23	<b>Shuttle Bobbin</b> Case with 591f, 592e, 2975, 15141 and 15278 ... <i>7/47</i>	...	...	...	...	...	...	...	...	...	...	...	...
15141	—	" " Hinge complete, Nos. 2973, 2974 and 15140	...	...	...	...	...	...	...	...	...	...	...	...
15110	23	" " Latch	...	...	...	...	...	...	...	...	...	...	...	...
2973	23	" " Lever	...	...	...	...	...	...	...	...	...	...	...	...
2974	23	" " Eulerum Pin	...	...	...	...	...	...	...	...	...	...	...	...
2975	23	" " Spring	...	...	...	...	...	...	...	...	...	...	...	...
592e	23	" " Stop Screw	...	...	...	...	...	...	...	...	...	...	...	...
15027	—	" " Position Finger	...	...	...	...	...	...	...	...	...	...	...	...
2523	—	" " " Rivet	...	...	...	...	...	...	...	...	...	...	...	...
2515	23	" Body	...	...	...	...	...	...	...	...	...	...	...	...
591f	23	" Tension Regulating Screw	...	...	...	...	...	...	...	...	...	...	...	...
15278	23	" " Spring	...	...	...	...	...	...	...	...	...	...	...	...
125018	—	<b>Shuttle</b> , $1\frac{1}{8}$ diam., complete, Nos. 2515, 2518 and 15277	...	...	...	...	...	...	...	...	...	...	...	...
*2542	—	<b>Shuttle Driver</b>	...	...	...	...	...	...	...	...	...	...	...	...
2441	23	" 2542 with two 462a <sub>AL</sub>	...	...	...	...	...	...	...	...	...	...	...	...
2049	2453	" " Pin	...	...	...	...	...	...	...	...	...	...	...	<i>4/49</i>
462a <sub>AL</sub>	2449	" " Set Screw	...	...	...	...	...	...	...	...	...	...	...	...
2531	23	<b>Shuttle Race Back</b>	...	...	...	...	...	...	...	...	...	...	...	...
2532	23	" " Position Pin	...	...	...	...	...	...	...	...	...	...	...	...
2533	23	" " Spring	...	...	...	...	...	...	...	...	...	...	...	<i>12/49</i>
648Nj	2411	" " " Screw	...	...	...	...	...	...	...	...	...	...	...	...
2530	23	" Body	...	...	...	...	...	...	...	...	...	...	...	...
15437	—	" 2530 with 2535, two each 662d and 2532 ...	...	...	...	...	...	...	...	...	...	...	...	...
2535	23	" Cap	...	...	...	...	...	...	...	...	...	...	...	...
662d	2414	" " Screw	...	...	...	...	...	...	...	...	...	...	...	...
145d	2443	" " (2) Screw	...	...	...	...	...	...	...	...	...	...	...	...
2528	—	<b>Shuttle Race</b> , complete, Nos. 648Nj, 2531, <del>2532</del> and 15437	...	...	...	...	...	...	...	...	...	...	<i>3/48</i>	<i>12/5080</i>
80887	—	...	...	...	...	...	...	...	...	...	...	...	...	...
4305h	107	<b>Shuttle Race Slide</b>	...	...	...	...	...	...	...	...	...	...	...	...
80528h	—	" 4305h with 2824h and two 51282e	...	...	...	...	...	...	...	...	...	...	...	...
2824h	107	" Spring	...	...	...	...	...	...	...	...	...	...	...	...
51282e	2414	" " Screw	...	...	...	...	...	...	...	...	...	...	...	...

No.	Plate							
2102	105	<b>Tension Disc</b>	...	...	...	...	...	...
80081	2441	" " Release Pin	...	...	...	...	...	...
1560d	2441	" Regulating Thumb Nut	...	...	...	...	...	...
*600f	2441	" Screw Stud	...	...	...	...	...	...
16202	"	" " 600f with 1560d	...	...	...	...	...	...
145e	2443	" " " Clamping Screw	...	...	...	...	...	...
2103	2444	" Spring	...	...	...	...	...	...
80211	---	<b>Tension</b> , complete, Nos. 2103, 16202 and two 2102	...	...	...	...	...	...
2108	2450	<b>Thread Guard</b>	...	...	...	...	...	...
80544	2444	<b>Thread Take-up Cam</b> with 146c...	...	...	...	...	...	...
3012	2449	" " " Pin	...	...	...	...	...	...
446c	2446	" " " Set Screw	...	...	...	...	...	...
3072	109	<b>Thread Take-up Lever</b> with 1819	...	...	...	...	...	...
76c	2467	" " " Hinge Screw	...	...	...	...	...	...
1819	2443	" " " Roller and Stud	...	...	...	...	...	...
2124	2457	" " " Spring	...	...	...	...	...	...
80688	106	" " " Regulator Plate	...	...	...	...	...	...
233d	2453	" " " " " Screw	...	...	...	...	...	...
80925h	2455	<b>Throat Plate</b>	...	...	...	...	...	...
691h	2455	" " " Screw (2)	...	...	...	...	...	...
44212	---	<b>Drip Pan</b> with four wood screws $\frac{1}{2}$ " No. 5	...	...	...	...	...	...
*15404	---	<b>Trade Mark</b>	...	...	...	...	...	...
15405	"	" " Rivet	...	...	...	...	...	...

## Parts Complete

for

## No. 16K104 Machine

**Single-Chain Stitch, with Looper Mechanism. 2 to 6 Stitches to inch.**

**For Sack and Dye Work.**

No.	Plate							
*81500		<b>Arm</b> with 448c, 3005, 4449, 15404 and two 15405	...	...	...	...	...	...
2002	2443	" Dowel Pin (2)	...	...	...	...	...	...
123e	2443	" Screw (3)	...	...	...	...	...	...
4288	2438	" Side Cover	...	...	...	...	...	...
51224d	2444	" " " " " Thumb Screw	...	...	...	...	...	...
81501	685	<b>Arm Shaft</b>	...	...	...	...	...	...
3005	2446	" " " Bushing (back)	...	...	...	...	...	...
448c	2446	" " " " ( " " ) Set Screw	...	...	...	...	...	...
4449	2446	" " " " (front) Screw	...	...	...	...	...	...
144c	2443	" " " Screw	...	...	...	...	...	...
81033	92	<b>Balance Wheel</b> ( $2\frac{3}{4}$ " pulley, heavy rim) with two 448c	...	...	...	...	...	...
448c	2446	" " " Set Screw	...	...	...	...	...	...
*81502		<b>Bed</b>	...	...	...	...	...	...
4292	685	<b>Crank Connecting Rod</b> with 4349 and two 158e	...	...	...	...	...	...
*4349	"	" " " Cap	...	...	...	...	...	...
158e	2446	" " " " " Screw	...	...	...	...	...	...
375c	2441	" " " " " Hinge Screw	...	...	...	...	...	...
1518e	2448	" " " " " " Nut	...	...	...	...	...	...
81503	685	<b>Face Plate</b>	...	...	...	...	...	...
81504	"	" " " complete, Nos. 145e, 460c, 2111, 80211 and 81503	...	...	...	...	...	...
164d	2443	" " " Screw	...	...	...	...	...	...
81505	685	<b>Feed Bar</b> with 175a	...	...	...	...	...	...
175a	2446	" " " Adjusting Screw	...	...	...	...	...	...
315c	2448	" " " Screw Centre (2)	...	...	...	...	...	...
1519e	2453	" " " " " Nut (2)	...	...	...	...	...	...
81506	685	<b>Feed Connecting Rod</b> with 81507 and three 158e	...	...	...	...	...	...
158e	2446	" " " " " Adjusting Screw	...	...	...	...	...	...
*81507	"	" " " Cap	...	...	...	...	...	...
158e	2446	" " " " " Screw	...	...	...	...	...	...
27d	2446	" " " " " Hinge Screw	...	...	...	...	...	...
1520r	104	" " " " " Nut	...	...	...	...	...	...

No.	Plate							
81508	2447	<b>Feed Dog</b>	...	...	...	...	...	...
690d	2447	" " Screw	...	...	...	...	...	...
81509	2446	<b>Feed Eccentric</b> with two 446e	...	...	...	...	...	...
446c	2446	" " Set Screw	...	...	...	...	...	...
80361	2446	<b>Feed Lifting Link</b> with 80362 and two 158e	...	...	...	...	...	...
*80362	2446	" " " Cap	...	...	...	...	...	...
158e	2446	" " " Screw	...	...	...	...	...	...
27d	2446	" " " Hinge Screw	...	...	...	...	...	...
1520r	104	" " " " Nut	...	...	...	...	...	...
81510	685	<b>Feed Rock Shaft</b>	...	...	...	...	...	...
81512	-	" " " 81510 with 81511	...	...	...	...	...	...
81511	2446	" " " Crank with two 180e	...	...	...	...	...	...
180e	953	" " " " Adjusting Screw	...	...	...	...	...	...
307c	2446	" " " Screw Centre (2)	...	...	...	...	...	...
1513j	2446	" " " " Nut (2)	...	...	...	...	...	...
2117	2447	" " " Steady Pin	...	...	...	...	...	...
80365	2448	<b>Guide</b> ...	...	...	...	...	...	...
793d	2459	" Thumb Screw	...	...	...	...	...	...
81513	2446	<b>Looper</b>	...	...	...	...	...	...
80379	685	" Rock Shaft	...	...	...	...	...	...
80381	-	" " " 80379 with 80380	...	...	...	...	...	...
80380	2446	" " " Crank	...	...	...	...	...	...
11663	2446	" " " " Pin	...	...	...	...	...	...
175d	2446	" " Screw (2)	...	...	...	...	...	...
81514	685	<b>Needle Bar</b>	...	...	...	...	...	...
*3045	2448	" " Connecting Link	...	...	...	...	...	...
377c	2448	" " " " Hinge Screw	...	...	...	...	...	...
1518e	2448	" " " " Nut	...	...	...	...	...	...
81515	2448	" " " Stud with 155e and 456K <sup>L</sup>	...	...	...	...	...	...
155e	2443	" " " " Clamping Screw	...	...	...	...	...	...
456K <sup>L</sup>	2448	" " " " Set Screw	...	...	...	...	...	...
211c	2447	" Set Screw	...	...	...	...	...	...
81516	685	<b>Presser Bar</b>	...	...	...	...	...	...
81517	2447	" " Lifter	...	...	...	...	...	...
36c	2448	" " " Screw	...	...	...	...	...	...
81518	2447	" " " Lifting Bracket with 453c	...	...	...	...	...	...
453c	2447	" " " " Set Screw	...	...	...	...	...	...
81519	2447	" " " Spring	...	...	...	...	...	...
SS111e	2447	" " " Regulating Thumb Screw	...	...	...	...	...	...
81520	2447	" " " Washer	...	...	...	...	...	...

No.	Plate										
81524	2447	<b>Presser Foot</b> , complete, Nos. 446e, 2117, 81521 to 81523 and two 152d									
81521	2447	"	"	Base	...	...	...	...	...		
81522	2447	"	"	Bracket	...	...	...	...	...		
152d	2447	"	"	Clamping Screw	...	...	...	...	...		
2117	2447	"	"	Hinge Pin	...	...	...	...	...		
81523	2447	"	"	Spring	...	...	...	...	...		
446e	2446	"	"	Screw	...	...	...	...	...		
2102	105	<b>Tension Disc</b> ...									
1560d	2441	"	Regulating Thumb Nut		...	...	...	...	...		
*600f	2441	"	Screw Stud		...	...	...	...	...		
16202	-	"	"	600f with 1560d	...	...	...	...	...		
145e	2443	"	"	Clamping Screw	...	...	...	...	...		
2103	2444	"	Spring ...		...	...	...	...	...		
80211	-	<b>Tension</b> , complete, Nos. 2103, 16202 and two 2102 ...									
80390	2448	<b>Thread Guide</b> (side of arm) ...									
175d	2446	"	"	Screw	...	...	...	...	...		
-80423	2448	<b>Thread Retainer Bracket</b> ...									
-4800f	953	"	"	"	Screw	...	...	...	...		
2102	105	"	"	Tension Disc	...	...	...	...	"		
1560b	2441	"	"	"	Regulating Thumb Nut	...	...	...	"		
447b	2448	"	"	"	Screw Stud	...	...	...	"		
2103	2444	"	"	"	Spring	...	...	...	"		
80424	-	<b>Thread Retainer</b> , complete, Nos. 417b, 1560b, 2103, 80423 and two 2102									
2112	104	<b>Thread Retainer Guide Disc</b> with 2113 ...									
2113	104	"	"	"	Steady Pin	...	...	...	...		
460e	104	"	"	"	Set Screw	...	...	...	...		
2114	104	"	"	"	Spring	...	...	...	...		
2115	104	"	"	"	Stud	...	...	...	...		
2111	104	<b>Thread Retainer Guide</b> , complete, Nos. 2112, 2114 and 2115...									
81525	2446	<b>Thread Take-up Cam</b> with 446c...									
11663	2446	"	"	"	Pin	...	...	...	...		
446e	2446	"	"	"	Set Screw	...	...	...	...		
3072	109	<b>Thread Take-up Lever</b> with 1819 ...									
76e	2467	"	"	"	Hinge Screw	...	...	...	...		
1819	2443	"	"	"	Roller and Stud	...	...	...	...		
81526	2447	<b>Throat Plate</b> ...									
81527	2447	"	"	Loop Holder	...	...	...	...	...		
211d	2447	"	"	"	Screw	...	...	...	...		
80464	2448	"	"	"	Steady Pin	...	...	...	...		
202d	2451	"	"	Screw (2)	...	...	...	...	...		
80312	-	<b>Drip Pan</b> with four wood screws $\frac{1}{2}$ " No. 5 ...									
*15404	-	<b>Trade Mark</b> ...									
15405	-	"	"	Rivet	...	...	...	...	...		

## Accessories

Accessories supplied with Nos. 16K25, 16K28 and 16K116 Machines.

No.	Date	Part No.	Description	Quantity	Unit	Cost
2073	2444	Bobbins (#) 2	... ...	...	...	\$1.00
12361	1434	Machine Hinge Connection (2)	... ...	...	...	\$1.00
36569	1434	Oiler	... ...	...	...	\$1.00
25537	1434	Screw Driver (machine)	... ...	...	...	\$1.00
120378	1434	... ... (shuttle tension)	... ...	...	...	\$1.00
80107	1381	Wrench for 1528, 1517 and 1550, for 16K25 and 16K28 Machines	... ...	...	...	\$1.00
80569	2450	Wrench for 1632, for 16K116 Machine	... ...	...	...	\$1.00
82765	2451	<b>Stop Motion Starting Lever Pitman Spring</b>	... ...	...	...	\$1.00

**Accessories supplied with Nos. 16K33, 16K39, 16K53, 16K55, 16K107, 16K110, 16K111, 16K113, 16K117, 16K119 and 16K121 Machines.**

No.	Plate							
2518	23	Bobbin (3) <del>2</del> <sup>3/4</sup> ...	...	...	...	...	...	...
87589	1221	Darning Hoop (round, birch) 8" diam.	7 <sup>m</sup>	high, for 16K117 Machine				
12361	1434	Machine Hinge Connection (2)	...	...	...	...	...	...
36569	1434	Oiler ...	...	...	...	...	...	...
25537	1434	Screw Driver (machine) ...	...	...	...	...	...	...
120378	1434	" " (shuttle tension) ...	...	...	...	...	...	...
80569	2450	Wrench for 1632 and NN36, for 16K39 and 16K107 Machines...						
80107	1381	Wrench for 1528, 1547 and 1550, for 16K53, 16K55 and 16K110 Machines						

**Accessories supplied with No. 16K104 Machine.**

# Attachments

## ATTACHMENT for Stitching Whip Stocks, for 16K107 Machine.

No.	Plate								
85503	—	Base	...	...	...	...	...	...	...
85504	—	“ Guide Plate	...	...	...	...	...	...	...
85506	—	“ “ “ (top)	...	...	...	...	...	...	...
240d	118	“ “ “ ( “ ) Screw	...	...	...	...	...	...	...
85505	—	“ “ “ Hinge Pin	...	...	...	...	...	...	...
85502	130	Feed Dog	...	...	...	...	...	...	...
85507	130	Guide, complete, Nos. 85503 to 85506 and two 240d	...	...	...	...	...	...	...
85508	130	Presser Foot	...	...	...	...	...	...	...
85509	130	Throat Plate	...	...	...	...	...	...	...
85510	130	<b>Whip Stock Attachment</b> , complete, Nos. 85502 and 85507 to 85509	...	...	...	...	...	...	...

## BINDERS

When ordering send sample of binding and material to be bound.

## BINDER $\frac{7}{8}$ " (swing), for Bedding and Mattress Work, for 16K33 Machine.

No.	Plate								
85365	2413	Base	...	...	...	...	...	...	...
85366	—	“ Hinge Pin	...	...	...	...	...	...	...
85367	2413	“ Spring	...	...	...	...	...	...	...
207d	2412	“ “ Screw	...	...	...	...	...	...	...
85325	183	“ “ “ Washer	...	...	...	...	...	...	...
85368	—	“ Tape Tension Pin	...	...	...	...	...	...	...
85454	2412	Feed Dog	...	...	...	...	...	...	...
85363	2413	Folder and Bracket	...	...	...	...	...	...	...
85364	2413	“ Tape Guide	...	...	...	...	...	...	...
207d	2412	“ “ “ Screw	...	...	...	...	...	...	...
85362	2413	“ complete, Nos. 85325, 85363 to 85367, two 207d and six 85368	...	...	...	...	...	...	...
85328	—	Presser Foot Bracket	...	...	...	...	...	...	...
85329	—	“ “ “ Hinge Pin	...	...	...	...	...	...	...
85449	—	“ “ “ Sole	...	...	...	...	...	...	...
85370	183	“ “ “ (hinged), complete, Nos. 85328, 85329 and 85449...	...	...	...	...	...	...	...
85455	2413	Throat Plate	...	...	...	...	...	...	...
85456	2413	<b>Binder</b> , complete, Nos. 176d, 85325, 85362, 85370, 85454 and 85455	...	...	...	...	...	...	...
176d	81	Binder Screw	...	...	...	...	...	...	...
85325	183	“ “ “ Washer	...	...	...	...	...	...	...

## ATTACHMENTS

## BINDER for Cap Peak Work, for 16K33 Machine.

No.	Plate								
85457	81	Feed Dog	...	...	...	...	...	...	...
85160	—	Folder (top)	...	...	...	...	...	...	...
207d	2412	“ ( “ ) Binding Screw	...	...	...	...	...	...	...
85461	—	“ (bottom)...	...	...	...	...	...	...	...
SS50d	183	“ ( “ ) Binding Screw	...	...	...	...	...	...	...
85459	—	Base	...	...	...	...	...	...	...
85162	—	Roller Guide, complete, Nos. 701d, 85463 and 85464	...	...	...	...	...	...	...
SS50d	183	“ “ “ Binding Screw	...	...	...	...	...	...	...
85463	—	“ “ “ Bucket	...	...	...	...	...	...	...
85464	—	“ “ “ Roller	...	...	...	...	...	...	...
701d	2458	“ “ “ “ Screw	...	...	...	...	...	...	...
176d	81	“ Screw	...	...	...	...	...	...	...
85325	183	“ “ “ Washer	...	...	...	...	...	...	...
85458	81	“ complete, Nos. 85459 to 85462, two 207d and four SS50d	...	...	...	...	...	...	...
85465	81	Presser Foot	...	...	...	...	...	...	...
85466	81	Throat Plate	...	...	...	...	...	...	...
85467	81	<b>Binder</b> , complete, Nos. 85457, 85458, 85465, 85466 two each 176d and 85325	...	...	...	...	...	...	...

## BINDER for Cardigan Jackets, for 16K33 Machine.

No.	Plate								
85345	2410	Feed Dog	...	...	...	...	...	...	...
85336	—	Folder Base	...	...	...	...	...	...	...
85337	—	Folding Plate (top)	...	...	...	...	...	...	...
85338	—	“ “ “ (bottom)	...	...	...	...	...	...	...
233d	2453	“ “ “ Screw	...	...	...	...	...	...	...
SS50d	183	“ Screw	...	...	...	...	...	...	...
85325	183	“ “ “ Washer	...	...	...	...	...	...	...
85335	2410	“ complete, Nos. 85336 to 85338 and four 233d	...	...	...	...	...	...	...
85343	2410	Presser Foot	...	...	...	...	...	...	...
85324	—	Tape Tension Pin (bent) ...	...	...	...	...	...	...	...
85323	—	“ “ “ (straight)	...	...	...	...	...	...	...
85340	—	“ “ “ Plate	...	...	...	...	...	...	...
207d	2412	“ “ “ Screw	...	...	...	...	...	...	...
85325	183	“ “ “ Washer	...	...	...	...	...	...	...
85339	2410	Tape Tension, complete, Nos. 85324, 85340 and four 85323	...	...	...	...	...	...	...
85346	2410	Throat Plate	...	...	...	...	...	...	...
85344	2410	<b>Binder</b> , complete, Nos. SS50d, 207d, 85335, 85339, 85343, 85345, 85346 and two 85325 ...	...	...	...	...	...	...	...

**BINDER  $\frac{7}{16}$ ", for Cloth, for 16K33 Machine.**

No.	Plate	Feed Dog	...	...	...	...	...	...
85580	2412	Folder	...	...	...	...	...	...
207d	2412	"	Screw	...	...	...	...	...
85325	183	"	"	Washer	...	...	...	...
85577	2412	Presser Foot	...	...	...	...	...	...
85324	-	Tape Tension Pin (bent)	...	...	...	...	...	...
85323	-	"	"	"	(straight)	...	...	...
85340	-	"	"	Plate	...	...	...	...
207d	2412	"	"	Screw	...	...	...	...
85325	183	"	"	"	Washer	...	...	...
85339	2410	Tape Tension, complete, Nos. 85324, 85340 and four 85323	...	...	...	...	...	...
85581	2412	Throat Plate	...	...	...	...	...	...
85582	2412	<b>Binder</b> , complete, Nos. 85320, 85339, 85577, 85580, 85581, two each 207d and 85325	...	...	...	...	...	...

**BINDER (adjustable) for Horse Rugs, for 16K33 Machine.**

No.	Plate	Base and Folder	...	...	...	...	...	...
85511	189	"	Screw Stud	...	...	...	...	...
SS25d	2458	"	Guide (top)	...	...	...	...	...
85513	189	"	"	Thumb Nut	...	...	...	...
NN19d	122	"	"	"	Washer	...	...	...
85514	2458	"	"	"	Wire	...	...	...
85512	-	"	"	"	Thumb Screw	...	...	...
50053d	2460	"	"	"	"	...	...	...
85515	189	<b>Binder</b> , complete, Nos. NN19d, SS25d, 176d, 50053d and 85511 to 85514	...	...	...	...	...	...
176d	81	Binder Screw	...	...	...	...	...	...

**BINDER (adjustable) for General Work, for 16K33 Machine.**

No.	Plate	Base	...	...	...	...	...	...
85356	189	"	Tape Guide Pin	...	...	...	...	...
85358	-	"	"	Tension Pin	...	...	...	...
85357	-	"	"	"	Guide (bottom) with SS26e	...	...	...
85359	-	"	"	"	Screw Stud	...	...	...
SS26e	2458	"	"	"	(top)	...	...	...
85360	189	"	"	"	Thumb Nut	...	...	...
NN44d	2459	"	"	"	"	...	...	...
85355	189	<b>Binder</b> , complete, Nos. NN44d, 732d, 85356, 85358 to 85360, 85514 and seven 85357	...	...	...	...	...	...
732d	2458	Binder Thumb Screw	...	...	...	...	...	...
85514	2458	"	"	"	Washer	...	...	...

**BINDER  $\frac{1}{2}$ ", for Hosiery, Stay Work, etc., for 16K33 Machine.**

No.	Plate	Feed Dog	...	...	...	...	...	...
85333	183	Folder	...	...	...	...	...	...
85320	-	"	Screw	...	...	...	...	...
SS50d	183	"	"	Washer	...	...	...	...
85328	-	Presser Foot Bracket	...	...	...	...	...	...
85329	-	"	"	"	Hinge Pin	...	...	...
85330	-	"	"	"	Sole	...	...	...
85327	2410	"	"	"	(hinged), complete, Nos. 85328 to 85330	...	...	...
85324	-	Tape Tension Pin (bent)	...	...	...	...	...	...
85323	-	"	"	"	(straight)	...	...	...
85322	-	"	"	Plate	...	...	...	...
SS50d	183	"	"	Screw	...	...	...	...
85325	183	"	"	"	Washer	...	...	...
85321	2409	"	"	"	complete, Nos. 85322, 85324 and eight 85323	...	...	...
85332	2410	Throat Plate	...	...	...	...	...	...
85331	2410	<b>Binder</b> , complete, Nos. 85320, 85321, 85325, 85327, 85332, 85333 and two SS50d	...	...	...	...	...	...

**BINDER  $\frac{1}{2}$ ", for Leather, for 16K33 Machine.**

No.	Plate	Feed Dog	...	...	...	...	...	...
85154	2412	Folder Base	...	...	...	...	...	...
85349	-	"	Guide (bottom)	...	...	...	...	...
85351	-	"	"	Thumb Nut	...	...	...	...
233d	2453	"	"	"	Screw	...	...	...
85350	-	"	"	"	(top)	...	...	...
85352	-	"	"	"	Wire Guide	...	...	...
85348	2412	"	"	"	complete, Nos. 85349 to 85352 and two 233d	...	...	...
176d	81	"	"	"	Screw	...	...	...
85325	183	"	"	"	Washer	...	...	...
85354	2412	Presser Foot	...	...	...	...	...	...
85624	2412	Throat Plate	...	...	...	...	...	...
85625	2412	<b>Binder</b> , complete, Nos. 176d, 85325, 85348, 85351, 85451 and 85624	...	...	...	...	...	...

**BINDER (adjustable) for Leather, for 16K33 Machine.**

No.	Plate	Base	...	...	...	...	...	...
85377	2459	Guide (bottom) with SS214e	...	...	...	...	...	...
85379	-	"	Screw	...	...	...	...	...
SS214e	2459	"	"	Thumb Nut	...	...	...	...
85378	2459	"	"	"	(top)	...	...	...
NN44d	2459	"	"	"	Wire Guide	...	...	...
85376	2459	<b>Binder</b> , complete, Nos. NN44d, 176d, 85325 and 85377 to 85379	...	...	...	...	...	...
176d	81	Binder Screw	...	...	...	...	...	...
85325	183	"	"	"	Washer	...	...	...

## **BINDER $\frac{7}{8}$ ", for Mattress Work, for 16K33 Machine.**

No.	Plate							
85571	183	Base and Folder	...	...	...	...	...	...
85572	183	Binder only, complete, Nos. 85324, 85571 and eight	85323	...	...	...	...	...
SS50d	183	" Screw	...	...	...	...	...	...
85325	183	" " Washer	...	...	...	...	...	...
85333	183	Feed Dog	...	...	...	...	...	...
85328	---	Presser Foot Bracket	...	...	...	...	...	...
85329	---	" " " Hinge Pin	...	...	...	...	...	...
85449	---	" " Sole	...	...	...	...	...	...
85370	183	Presser Foot (hinged), complete, Nos. 85328, 85329 and 85449	...	...	...	...	...	...
85324	---	Tape Tension Pin (bent)	...	...	...	...	...	...
85323	---	" " " (straight)	...	...	...	...	...	...
85573	183	Throat Plate	...	...	...	...	...	...
85574	183	<b>Binder</b> , complete, Nos. SS50d, 85325, 85333, 85370, 85572 and 85573	...	...	...	...	...	...

BINDER  $\frac{1}{2}$ ", for Stay Work, for 16K33 Machine.

No.	Plate							
85621	2409	Feed Dog	...	...	...	...	...	...
85614	2409	Folder	...	...	...	...	...	...
SS65d	2450	"	Screw	...	...	...	...	...
85325	183	"	"	Washer	...	...	...	...
85615	....	Presser Foot	Bracket	...	...	...	...	...
85616	....	"	"	Hinge Pin	...	...	...	...
85617	....	"	"	Sole	...	...	...	...
85618	2409	Presser Foot (hinged), complete, Nos. 85615 to 85617					...	...
85324	....	Tape Tension	Pin (bent)	...	...	...	...	...
85323	....	"	" (straight)	...	...	...	...	...
85322	....	"	"	Plate	...	...	...	...
SS50d	183	"	"	Screw	...	...	...	...
85325	183	"	"	"	Washer	...	...	...
85321	2409	"	"	complete, Nos. 85322, 85324 and eight 85323	...	...	...	...
85622	2409	Throat Plate		...	...	...	...	...
<b>85623</b>	<b>2409</b>	<b>Binder</b> , complete, Nos. SS50d, SS65d, 85321, 85614, 85618, 85621, 85622 and two 85325					...	...

## BINDER (adjustable) for Horse Clothing, for 16K107 Machine.

No.	Date	Description	...	...	...	...	...
85469	122	Base and Guide ...	...	...	...	...	...
85470	...	" Adjustable Tension Pin	...	...	...	...	...
85471	...	" Tension Pin	...	...	...	...	...
SS23d	2458	" " " Screw Stud	...	...	...	...	...
NN19d	122	" " " " Thumb Nut	...	...	...	...	...
85472	...	Guide (bottom) ...	...	...	...	...	...
793d	2459	" ( " ) Thumb Screw	...	...	...	...	...
85473	122	" (top) ...	...	...	...	...	...
85474	...	" ( " ) Position Pin	...	...	...	...	...
NN19d	122	" ( " ) Thumb Nut	...	...	...	...	...
85412	2458	" ( " ) " " Washer	...	...	...	...	...
SS24d	2458	" Screw Stud	...	...	...	...	...
85475	122	<b>Binder</b> , complete, Nos. SS23d, SS24d, 793d, 85412, 85469, 85470, 85472 to 85474, two NN19d and eight 85471					

## BINDER (adjustable) for Horse Rugs, for 16K107 Machine.

No.	Date								
85476	2459	Base	...	...	...	...	...	...	...
85477	2459	"	Guide (wire)	...	...	...	...	...	...
85478	2459	"	"	Clamp Plate	...	...	...	...	...
793d	2459	"	"	"	Thumb Screw	...	...	...	...
<b>85479</b>	<b>2459</b>	<b>Binder</b> , complete, Nos. 793d and 85476 to 85478				...	...	...	...
176d	81	Binder Screw	...	...	...	...	...	...	...

GORDERS.

*When ordering state size or number of cards to the inch.*

CORDER (adjustable) for Fine Cording, for 16K33 Machine.

No.	Plate	Base	...	...	...	...	...	...	...
85842	2460	Corder	only,	complete,	Nos.	NN41d,	393e,	50053d,	85842 to 85845, two each 316e and 1547d
SS50d	183	Corder Screw	...	...	...	...	...	...	...
85847	2460	Feed Dog	...	...	...	...	...	...	...
85843	2460	Finger Arm	...	...	...	...	...	...	...
85844	2460	...	...	Adjustable Bracket	...	...	...	...	...
85845	...	...	...	...	Block	...	...	...	...
393e	2460	...	...	...	...	Screw...	...	...	...
316e	2460	...	...	...	...	Screw Centre	...	...	...
1547d	2460	...	...	...	...	...	...	...	...
NN41d	2460	...	...	...	...	Nut	...	...	...
50053d	2460	...	...	...	...	Thumb Nut...	...	...	...
85848	2460	Presser Foot	...	...	...	...	...	Set Screw	...
85849	2460	Throat Plate	...	...	...	...	...	...	...
85850	2460	<b>Corder</b> , complete	Nos.	SS50d and 85846 to 85849					

**CORDER for Top Cording, for 16K33 Machine.**

No.	Plate	Base	...	...	...	...	...	...	...
85410	125	Base	...	...	...	...	...	...	...
85481	125	Corder only, complete, Nos. SS28b, 879d, 85410, 85413 and 85480							
SS44d	2449	"	Screw	...	...	...	...	...	...
85412	2458	"	"	Washer	...	...	...	...	...
85480	125	Guide Finger with 85414, 85415 and two 85416							
SS28b	2458	"	"	Adjusting Screw	...	...	...	...	...
85414	"	"	"	Eyeclet	...	...	...	...	...
85413	2458	"	"	Hinge Pin	...	...	...	...	...
879d	2458	"	"	Locking Thumb Screw	...	...	...	...	...
85415	125	"	"	Tip	...	...	...	...	...
85416	"	"	"	Rivet	...	...	...	...	...
85417	125	Presser Foot (coarse)	...	...	...	...	...	...	...
+85418	125	"	"	(fine)	...	...	...	...	...
85482	125	<b>Corder</b> , complete, Nos. SS44d, 85412, 85417 and 85481							

*+Used with but not included in 85482.***CORDER GUIDE (adjustable) for 16K33 Machine.**

No.	Plate	Extension Guide	...	...	...	...	...	...	...
85382	2459	Extension Guide	...	...	...	...	...	...	...
228d	2459	"	"	Screw	...	...	...	...	...
85381	2459	Presser Foot	...	...	...	...	...	...	...
85380	2459	<b>Corder Guide</b> , complete, Nos. 228d, 85381 and 85382							

86181	2459	<b>Cording Foot</b> (grooved on right side) for 16K33 Machine	...						
85880	2459	<b>Cording and Hemming Foot</b>	...	...	...	...	...	...	...

**DARNING and EMBROIDERY HOOPS**

## (plain, birch)

No.	Plate	Round, $5\frac{5}{8}$ " diam. $\times 7\frac{7}{8}$ " high	...	...	...	...	...	...	...
87586	--	"	7"	"	$\times 7\frac{7}{8}$ "	"	...	...	...
96416	"	"	"	"	"	"	...	...	...
87589	1221	"	8"	"	$\times 7\frac{7}{8}$ "	"	...	...	...
87593	"	"	10"	"	$\times \frac{5}{16}$ "	"	...	...	...
87595	"	"	12"	"	$\times \frac{1}{2}$ "	"	...	...	...
96422	1221	Oval, $9'' \times 4\frac{1}{2}'' \times 7\frac{7}{8}$ " high	...	...	...	...	...	...	...
87597	--	"	12"	$\times 5\frac{1}{2}$ "	$\times 7\frac{7}{8}$ "	"	...	...	...

**DARNING and EMBROIDERY HOOPS**

## (with clamp, birch)

No.	Plate	Round, $5\frac{5}{8}$ " diam. $\times 7\frac{7}{8}$ " high, with SS528j, NN95j, two 96425 and four 96427	...	...	...	...	...	...	...
96417	--	"	7"	"	$\times 7\frac{7}{8}$ "	"	"	"	SS528j, NN95j, two 96426 and four 96427
96418	"	"	"	"	"	"	"	"	SS528j, NN95j, two 96426 and four 96427
96419	"	"	8"	"	$\times 7\frac{7}{8}$ "	"	"	"	SS528j, NN95j, two 96426 and four 96427
96420	"	"	10"	"	$\times \frac{5}{16}$ "	"	"	"	SS528j, NN95j, two 96426 and four 96427
96421	"	"	12"	"	$\times \frac{1}{2}$ "	"	"	"	SS528j, NN95j, two 96844 and four 96845
96423	--	Oval, $9'' \times 4\frac{1}{2}'' \times 7\frac{7}{8}$ " high, with SS528j, NN95j, 96425, 96426 and four 96427	...	...	...	...	...	...	...
96424	--	"	12"	$\times 5\frac{1}{2}$ "	$\times 7\frac{7}{8}$ "	"	"	"	SS528j, NN95j, 96425, 96426 and four 96427
96425	2399	Clamping Bracket for 96417, 96418 and 96424	...	...	...	...	...	...	...
96426	2399	"	"	"	96418 to 96420, 96423 and 96424	...	...	...	...
96844	2399	"	"	"	96421	...	...	...	...
96427	2399	"	"	"	Rivet for 96417 to 96420, 96423 and 96424	...	...	...	...
96845	2399	"	"	"	96421	...	...	...	...
SS528j	2399	"	"	"	Screw	...	...	...	...
NN95j	2399	"	"	"	Nut	...	...	...	...
36835	2461	<b>Felling Foot</b> , $\frac{3}{2}$ " fell	...	...	...	...	...	...	...
85894	2461	"	"	"	$\frac{5}{16}$ " fell	...	...	...	...
No.	Plate	Folder for Umbrellas ( $\frac{1}{8}$ " to $\frac{1}{2}$ ", in grades of $\frac{1}{32}$ ")	...	...	...	...	...	...	...
85898	2462	When ordering state width of fold.	...	...	...	...	...	...	...
85447	88	Folder Base with SS54e	...	...	...	...	...	...	...
SS54e	2462	"	"	"	Stud Screw	...	...	...	...
NN40d	88	"	"	"	Thumb Nut	...	...	...	...
85448	88	"	"	"	Washer	...	...	...	...
85446	--	<b>Folder Base</b> , complete, Nos. NN40d, 85447 and 85448, for use with 85898	...	...	...	...	...	...	...

**FOLDER for 16K33 Machine.**

## GATHERING FEET for 16K33 Machine.

No. Plate Gathering Foot ... ... ... ... ...  
121441 85954 2461 n n (slotted) ... ... ... ...  
121441 86198 2461 n n (slotted) ... ... ... ... 747

## GUIDES

No.	Plate						
25527	2463	Guide for 16K33 Machine	...	...	...	...	...
86463	2463	" (double end) for 16K33 Machine	...	...	...	...	...

## HEMMERS for 16K33 Machine.

*When ordering state width of hem.*

No.	Plate							
85982	2462	Hemmer (1" and $\frac{3}{8}$ ")	...	...	...	...	...	...
85984	2462	" (1", $\frac{5}{8}$ ", $\frac{3}{4}$ ", $\frac{1}{2}$ ", $\frac{5}{8}$ ", $\frac{3}{4}$ ", 1" and $1\frac{1}{2}$ ") with 240d and 85992..	...	...	...	...	...	...
+85992	2462	" Spring for 85984	...	...	...	...	...	...
	240d	118	" "	Screw	...	...	...	...

<sup>†</sup> When ordering state size of Hemmer.

85993	2462	Hemmer for Umbrellas ( $\frac{1}{16}$ " to $\frac{3}{32}$ " in grades of $\frac{1}{32}$ ")	...	...
86005	88	" ( $\frac{1}{16}$ " to $\frac{3}{32}$ " in grades of $\frac{1}{16}$ ")	...	...
86008	88	(1" to $1\frac{1}{2}$ " " " " $\frac{1}{8}$ ")	...	...
86010	88	( $1\frac{3}{8}$ " and $1\frac{1}{2}$ ")	...	...
85447	88	Base with SS54e	...	...
SS54e	2462	" " Stud Screw	...	...
NN40d	88	" " " " Thumb Nut	...	...
85448	88	" " " " " " Washer	...	...
85446	--	Hemmer Base, complete, Nos. NN40d, 85447 and 85448, for use with 85993, 86005, 86008 and 86010	...	...
86011	1159	Hemmer ( $\frac{1}{8}$ , $\frac{3}{16}$ , 1" and $1\frac{1}{2}$ ", heavy)	...	...
85425	--	" (double end, $\frac{1}{8}$ " and $1\frac{1}{2}$ ")	...	...
86014	1159	" (" " " $\frac{3}{16}$ " " $1\frac{1}{2}$ ")	...	...
86015	2462	" " " " " " "	...	...

86015	2463	u	(	u	u	16"	u	4")	...	...	...
86464	2463	u	(	u	u	8"	u	1")	...	...	...
85424	1159	u	(	u	u	1"	u	1{", heavy)	...	...	...

86016	—	—	(	—	—	—	—	—	)	...	...
86017	—	—	(	—	—	—	—	—	)	...	...
86018	—	—	(	—	—	—	—	—	)	...	...
86019	—	—	(	—	—	—	—	—	)	...	...

## HEMMER (adjustable) for 16K33 Machine.

No.	Plate		Hemmer	Base Guide	...	...	...	...	...
86183			"	Guide (bottom)	...	...	...	...	...
86184			"	" (top)	...	...	...	...	...
86185			"	" (" ) Screw	...	...	...	...	...
236e	2463		"	" (" ) Thumb Screw	...	...	...	...	...
289b	2463								
<b>86186</b>	<b>2463</b>	<b>Hemmer</b>	<b>, complete, Nos. 289b, 86183 to 86185 and two 236e</b>						

85486 128 Hemmer (large) for Blankets, for 16IS107 Machine ... ...

## HEMMER FEET for 16K33 Machine.

No.	Plate							
85444	2461	$\frac{1}{16}$ " hem, for Silk	...	...	...	...	...	...
86477	2461	$\frac{1}{16}$ " and $\frac{1}{4}$ " hem, for Silk	...	...	...	...	...	...
86467	2461	$\frac{3}{32}$ " hem, for General Work	...	...	...	...	...	...
86468	2461	$\frac{3}{32}$ " n. n. Handkerchiefs	...	...	...	...	...	...
85440	2461	$\frac{3}{32}$ " n. solid pin, for Handkerchiefs	...	...	...	...	...	...
86470	2461	$\frac{5}{32}$ " n. for General Work	...	...	...	...	...	...
85435	2461	$\frac{3}{16}$ " n. ....	...	...	...	...	...	...
86022	2461	$\frac{1}{16}$ " n. wide hole	...	...	...	...	...	...
85437	2461	$\frac{1}{4}$ " n. for Flannel	...	...	...	...	...	...
85438	2461	$\frac{9}{32}$ " and $\frac{1}{16}$ " hem, for Towels, Napery, etc.	...	...	...	...	...	...

## QUILTER for 16K33 Machine.

No.	Plate							
86190	2464	Clamp with 207d	...	...	...	...	...	...
	207d	" Screw	...	...	...	...	...	...
86189	2464	Rod	...	...	...	...	...	...
<b>86191</b>	<b>2161</b>	<b>Quilter</b> , complete, Nos. 86189 and 86190	...	...	...	...	...	...

**QUILTER for 16K33 Machine.**

No.	Plate	Clamp with 207d	"	"	"	"	"
86038	2464	Clamp with 207d	"	"	"	"	"
207d	2412	"	Screw	"	"	"	"
86039	2464	Rod	"	"	"	"	"
<b>86040</b>	<b>2464</b>	<b>Quilter, complete, Nos. 86038 and 86039</b>	<b>"</b>	<b>"</b>	<b>"</b>	<b>"</b>	<b>"</b>

**TUBULAR TRIMMING ATTACHMENT for making  $\frac{3}{32}$ ",  $\frac{1}{8}$ " and  $\frac{5}{32}$ " Trimmings, for 16K33 Machine.**

No.	Plate	Presser Foot (strip folding) with tube	"	"	"	"	"
35984	1419	Presser Foot (strip folding) with tube	"	"	"	"	"
25539	1419	Stiletto...	"	"	"	"	"
†35983	1419	Strip Wire	"	"	"	"	"
†35985	1419	<b>Tubular Trimming Attachment, complete, Nos. 25539, 35983 and 35984</b>	<b>"</b>	<b>"</b>	<b>"</b>	<b>"</b>	<b>"</b>

† When ordering state size of trimming.

**Welting Attachments****WELTING ATTACHMENT for Railway Carriage Cushions, for 16K33 Machine.**

No.	Plate	Base and Folder	"	"	"	"	"
85495			"	"	"	"	"
86157	1420	Feed Dog	"	"	"	"	"
86158	1420	Presser Foot	"	"	"	"	"
86159	1420	Throat Plate	"	"	"	"	"
85496		Top Guide	"	"	"	"	"
793d	2459	" " " Thumb Screw	"	"	"	"	"
85497	129	Welter only, complete, Nos. 793d, 85495 and 85496	"	"	"	"	"
<b>86160</b>	<b>1420</b>	<b>Welting Attachment, complete, Nos. 85497 and 86157 to 86159</b>	<b>"</b>	<b>"</b>	<b>"</b>	<b>"</b>	<b>"</b>

**WELTING ATTACHMENT for Railway Carriage Cushions, for 16K107 Machine.**

No.	Plate	Base and Folder	"	"	"	"	"
85495			"	"	"	"	"
85498	129	Feed Dog	"	"	"	"	"
85199	129	Presser Foot	"	"	"	"	"
85500	129	Throat Plate	"	"	"	"	"
85496		Top Guide	"	"	"	"	"
793d	2459	" " " Thumb Screw	"	"	"	"	"
85497	129	Welter only, complete, Nos. 793d, 85495 and 85496	"	"	"	"	"
<b>85501</b>	<b>129</b>	<b>Welting Attachment, complete, Nos. 85497 to 85500</b>	<b>"</b>	<b>"</b>	<b>"</b>	<b>"</b>	<b>"</b>

**WELTING ATTACHMENT (adjustable) for Piping on Military Trousers, for 16K107 Machine.**

No.	Plate	Piping Folder Bracket	"	"	"	"	"
85489	124						
207d	2412	" " " Screw	"	"	"	"	"
85325	183	" " " " Washer	"	"	"	"	"
85490							
174d	2458	" " " Tongue	"	"	"	"	"
85487	124	" " " " Screw	"	"	"	"	"
85488	124	" " " Guide	"	"	"	"	"
SS50d	183	" " " Base	"	"	"	"	"
85325	183	" " " " Screw	"	"	"	"	"
85325	183	" " " " Washer	"	"	"	"	"
<b>85491</b>	<b>124</b>	<b>Welting Attachment, complete, Nos. SS50d, 85487 to 85490, two each 174d, 207d and three 85325</b>	<b>"</b>	<b>"</b>	<b>"</b>	<b>"</b>	<b>"</b>

**WELTING GUIDE for Leather, for 16K33 Machine.**

No.	Plate	Guide	Base	Screw	only, complete, Nos. 196d, 85373 and 85374	Presser Foot
85371	2464	Welting Guide, complete, Nos. 85372 and 85375				
85373	196d	Guide	Base	Screw		
85374	2453	Guide	Base	Screw		
85375	2464	Guide	Base	Screw		

**Bobbin Winders****Bobbin Winder (friction) for 16K25 Machine, for Loose Wheel.**

No.	Plate	Bracket	Frame	Hinge Screw	Friction Wheel (leather)	Washer	Screw	Spindle with 15072	Bobbin Position Pin	Flange	Spring	Screw	Bobbin Winder, complete, Nos. 1801, 788d, 12170, 80990 and 80994	Bobbin Winder Screw	
80990	953	Bracket	Frame												
80991	953	Frame													
80994	951	"	complete, Nos. 333r, 5960, 5961 and 80991 to 80993												
788d	953	"	Hinge Screw												
5960	953	Friction Wheel (leather)													
5961	953	"	"	Washer											
333r	953	"	"	"	Screw										
80992	953	Spindle with 15072													
15072	2466	"	Bobbin Position Pin												
80993	953	"	Flange												
12170	953	Spring													
1801	953	"	Screw												
80995		<b>Bobbin Winder, complete, Nos. 1801, 788d, 12170, 80990 and 80994</b>													
SS56d	2466	Bobbin Winder Screw													

**Bobbin Winder (friction) for 16K25 Machine, for Loose Wheel.**

(Export only.)

No.	Plate	Bracket	Frame	Hinge Screw	Friction Wheel (leather)	Washer	Screw	Spindle with 15072	Bobbin Position Pin	Flange	Spring	Screw	Bobbin Winder, complete, Nos. 1801, 788d, 12170, 80990 and 80996	Bobbin Winder Screw	
80990	953	Bracket	Frame												
80991	953	Frame													
80996	951	"	complete, Nos. 5960, 5961, 80164 and 80991 to 80993												
788d	953	"	Hinge Screw												
5960	953	Friction Wheel (leather)													
5961	953	"	"	Washer											
80992	953	Spindle with 15072													
15072	2466	"	Bobbin Position Pin												
80164	953	"	for Spool in place of 333r												
80993	953	"	Flange												
12170	953	Spring													
1801	953	"	Screw												
80997		<b>Bobbin Winder, complete, Nos. 1801, 788d, 12170, 80990 and 80996</b>													
SS56d	2466	Bobbin Winder Screw													

#### **Bobbin Winder (friction) for 16K25 Machine, for Tight Wheel.**

No.	Plate							
80990	953	Bracket	...	...	...	...	...	...
80991	953	Frame	...	...	...	...	...	...
80998	951	" complete, Nos. 333r, 5960, 5961 and 80991 to 80993						
788d	953	" Hinge Screw	...	...	...	...	...	...
5960	953	Friction Wheel (leather)	...	...	...	...	...	...
5961	953	" " Washer	...	...	...	...	...	...
333r	953	" " " Screw	...	...	...	...	...	...
80992	953	Spindle with 15072	...	...	...	...	...	...
15072	2466	" Bobbin Position Pin	...	...	...	...	...	...
80993	953	" Flange	...	...	...	...	...	...
12170	953	Spring	...	...	...	...	...	...
180f	953	" Screw	...	...	...	...	...	...
80999		<b>Bobbin Winder</b> , complete, No. 180f, 788d, 12170, 80990 and 80998	...	...	...	...	...	...
SS56d	2466	Bobbin Winder Screw	...	...	...	...	...	...

#### **Bobbin Winder (friction) for 16K25 Machine, for Tight Wheel**

(Export only.)

No.	Plate							
80990	953	Bracket	...	...	...	...	...	...
80991	953	Frame	...	...	...	...	...	...
81000	951	" complete, Nos. 5960, 5961, 80164 and 80991 to 80993	...	...	...	...	...	...
788d	953	" Hinge Screw	...	...	...	...	...	...
5960	953	Friction Wheel (leather)	...	...	...	...	...	...
5961	953	" " Washer	...	...	...	...	...	...
80992	953	Spindle with 15072	...	...	...	...	...	...
15072	2466	" Bobbin Position Pin	...	...	...	...	...	...
80164	953	" for Spool in place of 333	...	...	...	...	...	...
80993	953	" Flange	...	...	...	...	...	...
12170	953	Spring	...	...	...	...	...	...
180f	953	" Screw	...	...	...	...	...	...
<b>81001</b>	<b>--</b>	<b>Bobbin Winder</b> , complete, Nos. 180f, 788d, 12170, 80990 and 81000	...	...	...	...	...	...
SS56d	2466	Bobbin Winder Screw	...	...	...	...	...	...

**Bobbin Winder (hinged) for 16K28 Machine, for Tight Wheel.**

No.	Plate							
30875	2465	Frame	...	...	...	...	...	...
30876	2465	" complete, Nos. 2460, 2462, 8371 and 80875	...	...	...	...	...	...
2460	2466	Friction Ring (rubber)	...	...	...	...	...	...
8371	2466	Pulley	...	...	...	...	...	...
2462	2465	Spindle with 15072	...	...	...	...	...	...
5072	2466	" Bobbin Position Pin	...	...	...	...	...	...
30882	2465	Spring	...	...	...	...	...	...
<b>0867</b>	<b>2466</b>	<b>Bobbin Winder, complete, Nos. 80876 and 80882</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>...</b>	<b>...</b>
46d	2466	" "	Hinge Screw	...	...	...	...	...

Bobbin Winder (hinged) for 16K28 Machine, for Tight Wheel.

(Export only.)

No.	Plate							
80878	2465	Frame	...	...	...	...	...	...
80879	2465	"	complete, Nos. 2460, 15072, 80873, 80878, 80880 and 80981					
2460	2466	Friction Ring (rubber)	...	...	...	...	...	...
80981		Pulley	...	...	...	...	...	...
80880	2465	Spindle...	...	...	...	...	...	...
15072	2466	"	Bobbin Position Pin	...	...	...	...	...
80873	2466	"	Collar	...	...	...	...	...
80882	2465	Spring	...	...	...	...	...	...
<b>0883</b>		<b>Bobbin Winder,</b>	<b>complete, Nos. 80879 and 80882</b>					
46d	2466	"	"	Hinge Screw	...	...	...	...

**Bobbin Winder (friction) for 16K33, 16K39, 16K53, 16K55, 16K111, 16K113,  
16K117 and 16K119 Machines, for Loose Wheel.**

## 16K117 and 16K119

No.	Part	Bracket	...	...	...	...	...	...
80990	953	Bracket	...	...	...	...	...	...
80991	953	Frame	...	...	...	...	...	...
81003	952	" complete, Nos. 333r, 5960, 5961, 80991, 80993 and 81002						
788d	953	" Hinge Screw	...	...	...	...	...	...
5960	953	Friction Wheel (leather)	...	...	...	...	...	...
5961	953	" " Washer	...	...	...	...	...	...
333r	953	" " " " Screw	...	...	...	...	...	...
81002	953	Spindle with 15072	...	...	...	...	...	...
15072	2466	" Bobbin Position Pin	...	...	...	...	...	...
80993	953	" Flange	...	...	...	...	...	...
12170	953	Spring	...	...	...	...	...	...
180f	953	" Screw	...	...	...	...	...	...
1004	--	<b>Bobbin Winder</b> , complete, Nos. 180f, 788d, 12170, 80990 and 81003	...	...	...	...	...	...
85561	956	Bobbin Winder Screw	...	...	...	...	...	...

**Bobbin Winder (friction) for 16K33, 16K39, 16K53, 16K55, 16K111, 16K113,  
16K117 and 16K119 Machines, for Loose Wheel.** *6/49*

(Export only.)

No.	Plate	Bracket	...	...	...	...	...	...
80990	953	Bracket	...	...	...	...	...	...
80991	953	Frame	...	...	...	...	...	...
81005	952	" complete, Nos. 5960, 5961, 80164, 80991, 80993 and 81002	...	...	...	...	...	...
788d	953	" Hinge Screw	...	...	...	...	...	...
5960	953	Friction Wheel (leather)	...	...	...	...	...	...
5961	953	" " " Washer	...	...	...	...	...	...
81002	953	Spindle with 15072	...	...	...	...	...	...
15072	2466	" Bobbin Position Pin	...	...	...	...	...	...
80164	953	" for Spool in place of 333r	...	...	...	...	...	...
80993	953	" Flange	...	...	...	...	...	...
12170	953	Spring	...	...	...	...	...	...
180f	953	" Screw	...	...	...	...	...	...
81006		<b>Bobbin Winder</b> , complete, Nos. 180f, 788d, 12170, 80990 and 81005	...	...	...	...	...	...
SS56d	2466	Bobbin Winder Screw	...	...	...	...	...	...

**Bobbin Winder (friction) for 16K33, 16K39, 16K53, 16K55, 16K111, 16K113,  
16K117 and 16K119 Machines, for Tight Wheel.** *6/49*

No.	Plate	Bracket	...	...	...	...	...	...
80990	953	Bracket	...	...	...	...	...	...
80991	953	Frame	...	...	...	...	...	...
81007	952	" complete, Nos. 333r, 5960, 5961, 80991, 80993 and 81002	...	...	...	...	...	...
788d	953	" Hinge Screw	...	...	...	...	...	...
5960	953	Friction Wheel (leather)	...	...	...	...	...	...
5961	953	" " " Washer	...	...	...	...	...	...
333r	953	" " " " Screw	...	...	...	...	...	...
81002	953	Spindle with 15072	...	...	...	...	...	...
15072	2466	" Bobbin Position Pin	...	...	...	...	...	...
80993	953	" Flange	...	...	...	...	...	...
12170	953	Spring	...	...	...	...	...	...
180f	953	" Screw	...	...	...	...	...	...
81008		<b>Bobbin Winder</b> , complete, Nos. 180f, 788d, 12170, 80990 and 81007	...	...	...	...	...	...
SS56d	2466	Bobbin Winder Screw	...	...	...	...	...	...

**Bobbin Winder (friction) for 16K33, 16K39, 16K53, 16K55, 16K111, 16K113,  
16K117 and 16K119 Machines, for Tight Wheel.** *6/49*

(Export only.)

No.	Plate	Bracket	...	...	...	...	...	...
80990	953	Bracket	...	...	...	...	...	...
80991	953	Frame	...	...	...	...	...	...
81009	952	" complete, Nos. 5960, 5961, 80164, 80991, 80993 and 81002	...	...	...	...	...	...
788d	953	" Hinge Screw	...	...	...	...	...	...
5960	953	Friction Wheel (leather)	...	...	...	...	...	...
5961	953	" " " Washer	...	...	...	...	...	...
81002	953	Spindle with 15072	...	...	...	...	...	...
15072	2466	" Bobbin Position Pin	...	...	...	...	...	...
80164	953	" for Spool in place of 333r	...	...	...	...	...	...
80993	953	" Flange	...	...	...	...	...	...
12170	953	Spring	...	...	...	...	...	...
180f	953	" Screw	...	...	...	...	...	...
81010		<b>Bobbin Winder</b> , complete, Nos. 180f, 788d, 12170, 80990 and 81009	...	...	...	...	...	...
SS56d	2466	Bobbin Winder Screw	...	...	...	...	...	...

**Bobbin Winder (hinged) for 16K110 Machine, for Tight Wheel.**

No.	Plate	Frame	...	...	...	...	...	...
80875	2465	Frame	...	...	...	...	...	...
80887	2465	" complete, Nos. 2460, 8371, 80875 and 81031	...	...	...	...	...	...
2460	2466	Friction Ring (rubber)	...	...	...	...	...	...
8371	2466	Pulley	...	...	...	...	...	...
81031	2466	Spindle	...	...	...	...	...	...
80882	2465	Spring	...	...	...	...	...	...
80870		<b>Bobbin Winder</b> , complete, Nos. 80882 and 80887	...	...	...	...	...	...
46d	2466	" " " Hinge Screw	...	...	...	...	...	...

**Bobbin Winder (hinged) for 16K110 Machine, for Tight Wheel.**

No.	Plate	Frame	...	...	...	...	...	...
80878	2465	Frame	...	...	...	...	...	...
80889	2465	" complete, Nos. 2460, 15072, 80873, 80878, 80890 and 80981	...	...	...	...	...	...
2460	2466	Friction Ring (rubber)	...	...	...	...	...	...
80981	2466	Pulley	...	...	...	...	...	...
80890	2466	Spindle	...	...	...	...	...	...
15072	2466	" Bobbin Position Pin	...	...	...	...	...	...
80873	2466	" Collar	...	...	...	...	...	...
80882	2465	Spring	...	...	...	...	...	...
80891		<b>Bobbin Winder</b> , complete, Nos. 80882 and 80889	...	...	...	...	...	...
46d	2466	" " " Hinge Screw	...	...	...	...	...	...

**Bobbin Winder (eccentric) for 16K107 Machine, for Tight Wheel.**

No.	Plate	Part	... ...	... ...	... ...	... ...	... ...	... ...
80817	-	Eccentric	...	...	...	...	...	...
SS469d	2466	"	Thumb Screw	...	...	...	...	...
80791	-	Frame	...	...	...	...	...	...
2460	2466	Friction Ring (rubber)	...	...	...	...	...	...
8371	2466	Pulley	...	...	...	...	...	...
80792	-	Spindle	...	...	...	...	...	...
80793	-	"	80792 with 8371	...	...	...	...	...
80794	93	<b>Bobbin Winder</b> , complete, Nos. SS469d, 2460, 80791, 80793 and 80817	...	...	...	...	...	...
SS56d	2466	Bobbin Winder Screw	...	...	...	...	...	...

**Bobbin Winder (friction) for Oscillating Shuttle Machines, for Singer Driving Attachment.**

No.	Plate	Part	... ...	... ...	... ...	... ...	... ...	... ...
27423	2465	Frame	...	...	...	...	...	...
84106	2465	"	complete, Nos. 2460, 2462, 8371 and 27423	...	...	...	...	...
2460	2466	Friction Ring (rubber)	...	...	...	...	...	...
8371	2466	Pulley	...	...	...	...	...	...
2462	2465	Spindle with 15072	...	...	...	...	...	...
15072	2466	"	Bobbin Position Pin	...	...	...	...	...
12222	2466	Spring	...	...	...	...	...	...
180f	953	"	Screw	...	...	...	...	...
84105	-	<b>Bobbin Winder</b> , complete, Nos. 180f, 12222 and 84106	...	...	...	...	...	...
46d	2466	"	"	Hinge Screw	...	...	...	...

**Bobbin Winder (friction) for C.B. Machines, for Singer Driving Attachment.**

No.	Plate	Part	... ...	... ...	... ...	... ...	... ...	... ...
27423	2465	Frame	...	...	...	...	...	...
84111	2465	"	complete, Nos. 2460, 5529, 8371 and 27423	...	...	...	...	...
2460	2466	Friction Ring (rubber)	...	...	...	...	...	...
8371	2466	Pulley	...	...	...	...	...	...
5529	2466	Spindle	...	...	...	...	...	...
12222	2466	Spring	...	...	...	...	...	...
180f	953	"	Screw	...	...	...	...	...
84110	-	<b>Bobbin Winder</b> , complete, Nos. 180f, 12222 and 84111	...	...	...	...	...	...
46d	2466	"	"	Hinge Screw	...	...	...	...

**Bobbin Winder (swinging automatic, right hand) for 2073.**

No.	Plate	Part	... ...	... ...	... ...	... ...	... ...	... ...
27540	1428	Base	...	...	...	...	...	...
27302	1428	Frame	...	...	...	...	...	...
50356b	2466	"	Hinge Screw	...	...	...	...	...
1620j	2466	"	"	Nut	...	...	...	...
27303	2466	"	Spring	...	...	...	...	...
27541	1428	Pulley	...	...	...	...	...	...
27305	1428	Spindle	...	...	...	...	...	...
27306	1428	Spool Pin	...	...	...	...	...	...
11241	-	"	"	Washer (cloth)	...	...	...	...
27307	1428	"	Stand	...	...	...	...	...
27308	1428	Spool Stand	complete, Nos. 418e, 1562j, 2106, 10141, 11241, 27306, 27307, two each 2455 and wood screws 1" No. 10	...	...	...	...	...
As No. 27308 can be supplied either plated or japanned, it is necessary to state which is required.								
27309	1428	Stop Latch	...	...	...	...	...	...
35b	2466	"	"	Hinge Screw	...	...	...	...
2155	2466	Tension Disc	...	...	...	...	...	...
1562j	2466	"	Regulating Thumb Nut	...	...	...	...	...
418e	2466	"	Screw Stud	...	...	...	...	...
10141	2466	"	Spring	...	...	...	...	...
2106	2466	"	Thread Guide	...	...	...	...	...
27646	1428	Bobbin Winder, Nos. 35b, 1620j, 27302, 27303, 27305, 27309, 27540, 27541, 50356b and two wood screws 1" No. 7	...	...	...	...	...	...
27543	-	<b>Bobbin Winder</b> , complete, Nos. 27308 and 27646	...	...	...	...	...	...

**Bobbin Winder (swinging automatic, right hand) for 2073,  
for 16K116 Machine.**

No.	Plate	Base	...	...	...	...	...	...	...	...	...	...
84104	-	Base	...	...	...	...	...	...	...	...	...	...
27302	1428	Frame	...	...	...	...	...	...	...	...	...	...
32d	2466	" Hinge Screw	...	...	...	...	...	...	...	...	...	...
27303	2466	" Spring	...	...	...	...	...	...	...	...	...	...
2448		Pulley	...	...	...	...	...	...	...	...	...	...
84103	2466	Spindle with 15072	...	...	...	...	...	...	...	...	...	...
15072	2466	" Bobbin Position Pin	...	...	...	...	...	...	...	...	...	...
27306	1428	Spool Pin	...	...	...	...	...	...	...	...	...	...
11241	" "	Washer (cloth)	...	...	...	...	...	...	...	...	...	...
27307	1428	Stand	...	...	...	...	...	...	...	...	...	...
27308	1428	Spool Stand, complete, Nos. 418e, 1562j, 2106, 10141, 11241, 27306, 27307, two each 2455 and wood screws 1" No. 10	...	...	...	...	...	...	...	...	...	...

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

27309	1428	Stop Latch	...	...	...	...	...	...	...	...	...	...
35b	2466	" " Hinge Screw	...	...	...	...	...	...	...	...	...	...
2455	2466	Tension Disc	...	...	...	...	...	...	...	...	...	...
1562j	2466	" Regulating Thumb Nut	...	...	...	...	...	...	...	...	...	...
418e	2466	" Screw Stud	...	...	...	...	...	...	...	...	...	...
10141	2466	" Spring	...	...	...	...	...	...	...	...	...	...
2106	2466	" Thread Guide	...	...	...	...	...	...	...	...	...	...
84848	-	Bobbin Winder, Nos. 32d, 35b, 2448, 27302, 27303, 27309, 84103, 84104 and two wood screws 1" No. 7 R.H.	...	...	...	...	...	...	...	...	...	...
84849		<b>Bobbin Winder</b> , complete, Nos. 27308 and 84848	...	...	...	...	...	...	...	...	...	...

**Bobbin Winder (swinging automatic, right hand) for 2518**

No.	Plate	Base	...	...	...	...	...	...	...	...	...	...
27540	1428	Frame	...	...	...	...	...	...	...	...	...	...
27302	1428	" Hinge Screw	...	...	...	...	...	...	...	...	...	...
50356b	2466	" " Nut	...	...	...	...	...	...	...	...	...	...
1620j	2466	" Spring	...	...	...	...	...	...	...	...	...	...
27541	1428	Pulley	...	...	...	...	...	...	...	...	...	...
*27849		Spindle	...	...	...	...	...	...	...	...	...	...
27538	1428	" 27849 with 15072, 27850 and 41828	...	...	...	...	...	...	...	...	...	...
15072	2466	Bobbin Position Pin	...	...	...	...	...	...	...	...	...	...
*27850		Collar	...	...	...	...	...	...	...	...	...	...
41828		" " Pin	...	...	...	...	...	...	...	...	...	...
27306	1428	Spool Pin	...	...	...	...	...	...	...	...	...	...
11241	" "	Washer (cloth)	...	...	...	...	...	...	...	...	...	...
27307	1428	Stand	...	...	...	...	...	...	...	...	...	...
27308	1428	Spool Stand, complete, Nos. 418e, 1562j, 2106, 10141, 11241, 27306, 27307, two each 2455 and wood screws 1" No. 10	...	...	...	...	...	...	...	...	...	...

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

27312	1428	Stop Latch	...	...	...	...	...	...	...	...	...	...
35b	2466	" " Hinge Screw	...	...	...	...	...	...	...	...	...	...
2455	2466	Tension Disc	...	...	...	...	...	...	...	...	...	...
1562j	2466	" Regulating Thumb Nut	...	...	...	...	...	...	...	...	...	...
418e	2466	" Screw Stud	...	...	...	...	...	...	...	...	...	...
10141	2466	" Spring	...	...	...	...	...	...	...	...	...	...
2106	2466	" Thread Guide	...	...	...	...	...	...	...	...	...	...
84848	-	Bobbin Winder, Nos. 32d, 35b, 2448, 27302, 27303, 27309, 84103, 84104 and two wood screws 1" No. 7 R.H.	...	...	...	...	...	...	...	...	...	...
84849		<b>Bobbin Winder</b> , complete, Nos. 27308 and 84848	...	...	...	...	...	...	...	...	...	...
27647	1428	Bobbin Winder, Nos. 35b, 1620j, 27302, 27303, 27312, 27538, 27540, 27541, 50356b and two wood screws 1" No. 7	...	...	...	...	...	...	...	...	...	...
27544		<b>Bobbin Winder</b> , complete, Nos. 27308 and 27647	...	...	...	...	...	...	...	...	...	...

## Knee Lifters

### KNEE LIFTER for 16K33, 16K39 and 16K53 Machines.

No.	Plate											
80655	2468	<b>Arm Lever</b>	...	...	...	...	...	...	...	...	...	...
80656	2468	" " " Connecting Pitman	...	...	...	...	...	...	...	...	...	...
694d	2467	" " " Hinge Screw	...	...	...	...	...	...	...	...	...	...
80657	2468	<b>Bell Crank with 445c</b>	...	...	...	...	...	...	...	...	...	...
12243	2469	" " " Lifting Lever	...	...	...	...	...	...	...	...	...	...
80203	"	" " " " 12243 with 6337	...	...	...	...	...	...	...	...	...	...
6337	2469	" " " " Bracket with two 356c	...	...	...	...	...	...	...	...	...	...
356c	2467	" " " " Set Screw	...	...	...	...	...	...	...	...	...	...
445c	2467	" " " Set Screw	...	...	...	...	...	...	...	...	...	...
12234	2468	" " " Shaft	...	...	...	...	...	...	...	...	...	...
12235	2468	" " " Spring	...	...	...	...	...	...	...	...	...	...
2767	2469	<b>Knee Plate with 356c</b>	...	...	...	...	...	...	...	...	...	...
2765	2469	" " " Arm <i>w/1507E</i>	...	...	...	...	...	...	...	...	...	...
2768	"	" " " " 2765 with 2766 and 2767	...	...	...	...	...	...	...	...	...	...
2766	2469	" " " " Bracket with 356c	...	...	...	...	...	...	...	...	...	...
356c	2467	" " " " Set Screw	...	...	...	...	...	...	...	...	...	...
356c	2467	" " " Set Screw	...	...	...	...	...	...	...	...	...	...
80659	2467	<b>Presser Bar Arm Lever Raising Bracket</b>	...	...	...	...	...	...	...	...	...	...
80207	"	" " " " " " Spring	...	...	...	...	...	...	...	...	...	...
80658	2467	" " " " Bracket with 453c and 756c	...	...	...	...	...	...	...	...	...	...
756c	2467	" " " " Clamping Screw	...	...	...	...	...	...	...	...	...	...
453c	2447	" " " " Set Screw	...	...	...	...	...	...	...	...	...	...
2763	2469	<b>Rock Shaft</b>	...	...	...	...	...	...	...	...	...	...
80262	"	" " " " 2763 with 2768 and 80203	...	...	...	...	...	...	...	...	...	...
97502	2469	" " " " Bracket	...	...	...	...	...	...	...	...	...	...
" "	"	" " " " Screw (wood) 1" No. 10	...	...	...	...	...	...	...	...	...	...
80653	--	<b>Knee Lifter, complete, Nos. 694d, 12234, 12235, 80207, 80262, 80655 to 80659, two 97502 and four wood screws 1" No. 10</b>	...	...	...	...	...	...	...	...	...	...

*1507E 2454 Rock shaft knee plate arm bracket Partion nut*

### KNEE LIFTER for 16K25, 16K28, 16K55 and 16K110 Machines.

This is the same as No. 80653 with the following exceptions:--

No.	Plate											
80866	2468	<b>Rock Shaft Bracket</b>	...	...	...	...	...	...	...	...	...	...
80654		<b>Knee Lifter, complete, Nos. 694d, 12234, 12235, 80207, 80262, 80655 to 80659, two 80866 and four wood screws 1" No. 10</b>	...	...	...	...	...	...	...	...	...	...

### KNEE LIFTER for 16K113 Machine.

This is the same as No. 80653 with the following exceptions:--

No.	Plate											
80826	2467	<b>Presser Bar Arm Lever Raising Bracket</b>	...	...	...	...	...	...	...	...	...	...
80812	2467	" " " " " " Spring	...	...	...	...	...	...	...	...	...	...
80827	2467	" " " " Bracket with 453c and 756c	...	...	...	...	...	...	...	...	...	...

No.	Plate											
80814	--	<b>Knee Lifter, complete, Nos. 694d, 12234, 12235, 80207, 80262, 80655 to 80657, 80812, 80826, 80827, two 97502 and four wood screws 1" No. 10</b>	...	...	...	...	...	...	...	...	...	...

### KNEE LIFTER for 16K104 Machine.

No.	Plate									
81530	2469	<b>Arm Lever</b>	...	...	...	...	...	...	...	...
81531	2469	" "	Connecting Pitman	...	...	...	...	...	...	...
81532	2469	" "	" "	81531 with 1521e and 12416	...	...	...	...	...	...
12416	2469	" "	" "	Joint	...	...	...	...	...	...
76d	2467	" "	" "	Hinge Screw	...	...	...	...	...	...
1521e	2467	" "	" "	Lock Nut	...	...	...	...	...	...
802d	2467	" "	Hinge Screw	...	...	...	...	...	...	...
5596	2467	<b>Bell Crank</b>	...	...	...	...	...	...	...	...
5599	2467	" "	Bracket	...	...	...	...	...	...	...
178c	2467	" "	" "	Screw	...	...	...	...	...	...
5601	2467	" "	Hinge Pin	...	...	...	...	...	...	...
5735	2467	" "	Spring	...	...	...	...	...	...	...
5598	2467	<b>Bell Crank</b> , complete, Nos. 5596, 5599, 5601 and 5735	...	...	...	...	...	...	...	...
12243	2469	" "	Lifting Lever	...	...	...	...	...	...	...
80203	" "	" "	" "	12243 with 6337	...	...	...	...	...	...
6337	2469	" "	" "	Bracket with two 356c	...	...	...	...	...	...
356c	2467	" "	" "	" "	Set Screw	...	...	...	...	...
2767	2469	<b>Knee Plate</b> with 356c	...	...	...	...	...	...	...	...
2765	2469	" "	Arm <del>w/1507E</del>	...	...	...	...	...	...	...
2768	" "	" "	2765 with 2766 and 2767	...	...	...	...	...	...	...
2766	2469	" "	Bracket with 356c	...	...	...	...	...	...	...
356c	2467	" "	" "	Set Screw	...	...	...	...	...	...
356c	2467	" "	Set Screw	...	...	...	...	...	...	...
80826	2467	<b>Presser Bar Arm Lever Raising Bracket</b>	...	...	...	...	...	...	...	...
80812	" "	" "	" "	" "	Spring	...	...	...	...	...
80827	2467	" "	Bracket with 453c and 756c	...	...	...	...	...	...	...
756c	2467	" "	Clamping Screw	...	...	...	...	...	...	...
453c	2417	" "	Set Screw	...	...	...	...	...	...	...
81533	2469	" "	Spring	...	...	...	...	...	...	...
2763	2469	<b>Rock Shaft</b>	...	...	...	...	...	...	...	...
80262	" "	2763 with 2768 and 80203	...	...	...	...	...	...	...	...
97502	2469	" "	Bracket	...	...	...	...	...	...	...
" "	" "	" "	Screw (wood) 1" No. 10	...	...	...	...	...	...	...
81534		<b>Knee Lifter</b> , complete, Nos. 76d, 802d, 5598, 80262, 80812, 80826, 80827, 81530, 81532, 81533, two each 178c, 97502 and four wood screws 1" No. 10	...	...	...	...	...	...	...	...

*1507E 2454 Rock shaft knee plate arm bracket position nut*

### Thread Unwinder

For One Spool of Thread.

#### For 16K104 Machine

(supplied with machine)

No.	Plate									
225259	2212	<b>Spool Rest</b> with 201018c	...	...	...	...	...	...	...	...
150203	" "	Cushion (felt)	...	...	...	...	...	...	...	...
225388	2212	Rod	...	...	...	...	...	...	...	...
200383c	2458	" "	Set Screw	...	...	...	...	...	...	...
201018c	2458	" "	Set Screw	...	...	...	...	...	...	...
202490	2212	Stand with 200383c	...	...	...	...	...	...	...	...
225391	2212	<b>Thread Guide</b>	...	...	...	...	...	...	...	...
201696j	2458	" "	Lock Nut	...	...	...	...	...	...	...
225326	" "	Position Cup	...	...	...	...	...	...	...	...
225324	2212	" "	Rod with 208e and 225322	...	...	...	...	...	...	...
208e	2444	" "	Screw	...	...	...	...	...	...	...
225322	" "	" "	Washer	...	...	...	...	...	...	...
225260	2212	<b>Thread Unwinder</b> , complete, Nos. 150203, 201696j, 202490, 225259, 225324, 225326, 225388, 225391, and three wood screws $\frac{1}{8}$ " No. 12	...	...	...	...	...	...	...	...

27739      **Thread Cone** (wood) for large cones  
 225390      " " " Holder for inverted cones

*NOTE: Nos. 27739 and 225390 are used with, but not included in 225260.*

## DRIVING ATTACHMENT

for use with arms Nos. 80555, 80708, 80805 and 80807

for

## Oscillating Shuttle Machines.

No.	Date	Bobbin Winder Frame	...	...	...	...	...	...
80167	133	Bobbin Winder Frame	...	...	...	...	...	...
80258	2465	"	"	"	complete, Nos. 333r, 5960, 5961, 5963,			80161 and 80167
32d	2466	"	"	"	Hinge Screw	...	...	...
5960	953	"	"	"	Friction Wheel (leather)	...	...	...
5961	953	"	"	"	"	Washer	...	...
333r	953	"	"	"	"	"	Screw	...
80161	1128	"	"	"	Spindle with 15072	...	...	...
15072	2466	"	"	"	Bobbin Position Pin	...	...	...
5963	2466	"	"	"	Flange	...	...	...
12222	2466	"	"	"	Spring	...	...	...
180f	953	"	"	"	Screw	...	...	...
80790	--	Bobbin Winder (friction), complete, Nos. 180f, 12222 and 80258						
80619	133	Driving Arm with 429c	...	...	...	...	...	...
80620	133	"	"	Bracket	...	...	...	...
693e	2470	"	"	"	Hinge Screw...	...	...	...
1579e	2470	"	"	"	"	Nut	...	...
692e	2453	"	"	"	Screw	...	...	...
2928	--	"	"	"	Brake (leather)	...	...	...
3021	--	"	"	"	Rivet	...	...	...
80105	--	"	"	Cover (for Oil Box)	...	...	...	...
104d	2470	"	"	"	Hinge Screw	...	...	...
2939	133	"	"	Friction Pulley, 3"	...	...	...	...
12306	--	"	"	"	"	2½"	...	...
2940	--	"	"	"	"	Centre Bearing	...	...
2941	133	"	"	"	"	Stud (hollow)	...	...
429c	2470	"	"	"	"	Set Screw	...	...
80621	133	"	"	Pitman	...	...	...	...
12225	133	"	"	"	Crank	...	...	...
80615	--	"	"	"	12225 with 12189, 80623, 80624 and			two 2022
65d	2470	"	"	"	Hinge Screw	...	...	...
2022	133	"	"	"	Pin	...	...	...
80623	133	"	"	"	Shaft	...	...	...
80624	133	"	"	"	Spring	...	...	...
65d	2470	"	"	"	Hinge Screw	...	...	...

No.	Plate							
341d	2470	Driving Arm	Regulating Screw	...	...	...	...	...
1594e	2470	"	"	"	Nut	...	...	...
80618		Driving Arm, complete, Nos. 32d, 104d, 341d, 692e, 693e, 1579e, 1594e, 2928, 2939 to 2941, 80105, 80619, 80620, 80790 and two 3021						
80616	133	Friction Wheel with 2943, 80212 and two SS163e						
2943		"	"	Ring (leather)	...	...	...	...
80212	2470	"	"	"	Stop Pin	...	...	...
SS163e	2470	"	"	Set Screw	...	...	...	...
84275	1361	Shaft Driving Pulley (10" diam., sectional, grooved), with two						597e
597e		"	"	"	Clamping Screw	...	...	...
80617	133	Oil Cup	...	...	...	...	...	
327d	2470	"	"	Screw	...	...	...	...
2966	133	"	"	Washer (felt)	...	...	...	...
80250	1361	Treadle,	...	...	...	...	...	
84683		"	80250 with 80217 to 80219 and four wood screws $1\frac{1}{2}$ "					No. 14
80219		"	Bearing Pin	...	...	...	...	
12189	133	"	Connecting Rod Crank	...	...	...	...	
2022	133	"	"	"	Pin	...	...	
80218	1361	"	Floor Bracket	...	...	...	...	
		"	"	"	Screw (wood) $1\frac{1}{2}$ " No. 14	...	...	
80217	2468	"	Slide with 356e	...	...	...	...	
356e	2467	"	"	Set Screw	...	...	...	
80221		Treadle Pitman Rod (upper)	...	...	...	...	...	
80222		"	"	(lower)	...	...	...	
80223		"	"	"	Clamp with 361e	...	...	
361e	2470	"	"	"	Set Screw	...	...	
80220	1361	Treadle Pitman, complete, Nos. 80221 to 80223	...	...				
80215		Treadle and Pitman, complete, Nos. 80220 and 84683	...	...				
80614		<b>Driving Attachment</b> , complete, Nos. 327d, 2966, 80215, 80615	...	...				

### DRIVING ATTACHMENT

for use with Arms Nos. 80555, 80660, 80674, 80708, 80715, 80805 and 80807  
for G.B. Shuttle Machines.

This is the same as No. 80614 with the following exceptions:

No.	Plate	Description
80260	133	Bobbin Winder Frame complete, Nos. 333r, 5960, 5961, 5963, 15077 and 80167
15077	1428	" " Spindle with 15072
80639	-	Bobbin Winder (friction), complete, Nos. 1801, 12222 and 80260
80626	-	Driving Arm complete, Nos. 32d, 164d, 341d, 692e, 693e, 1579e, 1594e, 2928, 2939 to 2941, 80105, 80619, 80620, 80639 and two 3021
80625	-	<b>Driving Attachment</b> , complete, Nos. 327d, 2966, 80215, 80615 to 80617, 80621, 80626, 84275 and two 65d

## Numerical List of Parts

No.	Plate	Description
SS6d	2454	Stop Motion Starting Lever Hinge Screw Stud for 80742 and 80971 ... ...
SS8f	2454	Stop Motion Starting Lever Roller Screw Stud for 80742 and 80971 ... ...
RR10	2454	Stop Motion Starting Lever Roller for 80742 and 80971 ... ... ...
NN19d	122	Binder Base Tension Screw Stud Thumb Nut for 85475 ... ... ...
NN19d	122	Binder Guide (top) Thumb Nut for 85475 and 85515 ... ... ...
NN21d	2450	Reel Holder Rod Spool Pin Jam Nut for 80754 ... ... ...
RR23	2450	Side Rock Shaft Quadrant Cam Roller for 80768 ... ... ...
SS23d	2458	Binder Base Tension Screw Stud for 85475
SS24d	2458	Binder Guide Screw Stud for 85475 ...
SS25d	2458	Binder Base Screw Stud for 85515 ...
SS26e	2458	Binder Guide (bottom) Screw Stud for 85359,
27d	2446	Feed Connecting Rod Hinge Screw for 16K104 Machine ... ...
27d	2446	Feed Lifting Link Hinge Screw for 16K104 Machine ... ...
SS28b	2458	Corder Guide Finger Adjusting Screw for 85481 ... ...
NN31e	2454	Stop Motion Starting Lever Hinge Screw Stud Lock Nut for 80742 and 80971 ...
32d	2466	Bobbin Winder Frame Hinge Screw for 80618, 80626 and 84848 ... ...
35b	2466	Bobbin Winder Stop Latch Hinge Screw for 27646, 27647, and 84848 ... ...
36c	2448	Presser Bar Lifter Screw for 16K104 Machine
NN36d	2450	Side Rock Shaft Hinged Joint Nut for 80762
NN40d	2462	Folder Base Stud Screw Thumb Nut for 85446 ... ...
NN40d	2462	Hemmer Base Stud Screw Thumb Nut for 85446 ... ...
NN41d	2460	Corder Finger Arm Adjustable Bracket Thumb Nut for 85846 ... ...
NN44d	2459	Binder Guide Thumb Nut for 85355 and 85376, ... ...
SS41b	2449	Lifting Presser Plunger Yoke Clamping Screw for 80686b and 80819 ... ...
SS44d	2449	Corder Screw for 85482 ... ...
16d	2466	Bobbin Winder Hinge Screw for 80867, 80870, 80883, 80891, 84105 and 84110 ...