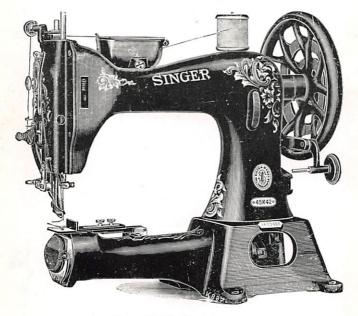
# LIST OF PARTS FOR MACHINES Nos. 45K37, 45K42 45K50 and 45K52



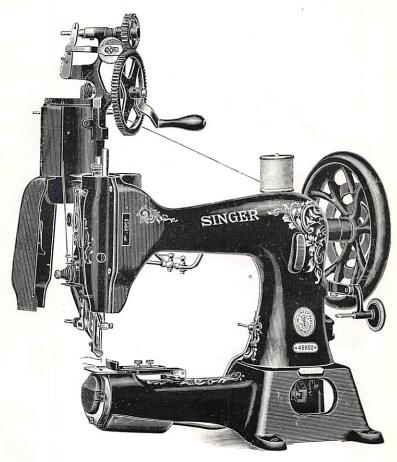
No. 45K42 Machine.

For the Illustrations of the Parts of these Machines refer to Form K2220 (Illustrations of Parts)

THE SINGER MANUFACTURING COMPANY



No. 45K50 Machine.



No. 45K52 Machine.

# Instructions for Ordering.

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

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

The prefix SS indicates Screws made only at Singer.

- " Nuts made only at Singer.
- RR Rollers and Studs made only at Singer.

The affix Letters (where shown) indicate the style of finish, as follows: -

- A. Hardened, Polished and Plated.
- B. Polished and Plated.
- C. Hardened only.
- D. Polished only.
- E. Soft, not Polished.
- F. Hardened and Polished.
- H. Blued.
- J. Plated only.
- K. Hardened and Plated.
- L. Brass or Gilt.
- M. Oxidised.
- P. Japanned.
- R. Merlized.
- T. Copper Plated.

#### In this series:

1 to 1500 and 50001 to 51500 are Screw Numbers.

1501 " 1800 are Nut Numbers.

1801 " 2000 " Roller

2001 " 50000 are numbers of machine parts, etc.

80001 " 100000 are numbers of machine parts, etc., made only at Singer.

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

# PARTS COMPLETE FOR

# Machine 45K37

FLAT BED, DROP FEED, NEEDLE BAR LINK, VIBRATING PRESSER, ½" Stitch, for CLOTH WORK.

No.	Plate									
*91080		Arm	with 4	46c, 824	99 and	1 8254	19			
8582	1062	11	Dowel	Pin (2)						
118e	311	. 11	Screw	(3)						
91615	1063	Arm	Shaft							
82499	869	"	11	Bushing	(back	(2)				
82549	1062	- 11	- 11	n	(fron	t)			***	
446c	311	11	11		Set S	crew	for 824	99		***
82400	871	11	11	Oil Tub	е.					
144d	311	11	11	Screw						
82402	867	Arm	Side (	Cover					***	
286d	311	11		п Т			v	***	***	
82403	871	11	Spool	Pin			***		***	
82404	238			heel (tw	*	The same of				•••
91002	-	. 11						ith two 43	4c	
434c	311			" Set	Screw					
			NOTE.	-No. 824	04 is se	nt wit	h this Ma	achine unless	otherwis	е
					spe	cined	on order			
+01110		Ded								
*91119	_	Bed						•••		
94801		Cran	le Con	nactina	Rod :	with 0	1802 0	4872 and t	wo 158e	
*94802		Gran	K COII	"						
94872		- 11		11	11	-	il Pad			
158e	311	11		11	11		crew			
98613		11		11			Stud			
98614		11		11	11	11		ottar Pin		
1668c				11	11	11		" " 1		
10000				***						
91081	275	Face	Plate							
SS45f	311	11		Screw (t						
91082	_							33d, 446c,		
01000								and 91081		
					200					

No.	Plate			
91008	873	Feed Bar with 80036		
94967	853	" Retaining Spring		
80036	1064	n n Pin		
313c	312	" Screw Centre (2)		
1519e	841	" " Nut (2)		
1010				
3032	869	Feed Cam with 446c		•••
446c	311	" Set Screw		
3033	869	Feed Connecting Link		•••
375c	312	Hinge Screw (2)		***
1518e	841	" " " Nut (2)		
91071	279	Feed Dog		
	312			
704c	312	11 11 Screw		•••
91072	272	Feed Forked Connection		
375c	312	" Hinge Screw		
1518e	841	" " Nut		
10100				
91014	873	Feed Lifting Rock Shaft		
91334		" " 91014 with 91335		
91335	870	" Crank with 1809 and two	157c	
157c	858	" " Clamping Screw		
1809	841	" Roller and Stud		
304c	312	" Screw Centre (2)		
1513j	841	" " " " Nut (2)		
91017	870	Feed Regulator		
1128e	841	Hinge Screw	***	•••
SS115d	841	" Thumb Screw	***	•••
01050	272	Feed Rock Shaft with 91169		
91073				
91338		0 1 10 1 100		
91337	870	C1		
157c	858	Clamping Screw	•••	•••
91169	1069	Retaining Spring Pin		•••
304c	312	Screw Centre (2)		
1513j	841	11 11 11 11 Nut (2)		
85527	873	Guide		
793d	311	Thumb Screw (2)		
1990	911	II THUMB Selew (2)	6000	10.00

N-	Dista		
No. 91083	Plate 293	Lifting Lever	
91086	293	91083 with 91084 and 91085	
91084	293	Adjusting Block	
91085		Hard Hinge Pin	
574d	293	TI 1. C	
1528d	1385	" " " Thumb Screw	
91087	293	Hinge Bracket	
SS45d	311	Screw (2)	
91088	293	" " Stud	
190d	312	" " Screw	
91089	293	Washer	
91090	293	" " 91087 with 91088	
RR26	293	" Roller and Screw Stud	
111120	200		
91091	819	Needle Bar	
91022	871	" Connection with two 158d	
158d	311	" " Clamping Screw	
91240	850	" " Link	
375c	312	" " Hinge Screw	***
1518e	841	" " " " " Nut	
82520	853	Needle Clamp	
156f	311	" Screw	
82521	853	" Thread Eyelet	
226d	841	" " Screw '	
82522	707	" complete, Nos. 156f, 226d, 82520 and 8	32521
91796	1333	Oil Box	
82459	1333	" " Cover	
82460	1329	" " Hinge Pin	
80106	1381	" " Latch Spring	
219f	311	" " Screw	
82462	1329	" " " Washer	
82463	1020	" Oil Pad (Cloth)	
SS50f	311	" " Screw	
82464	1329	" " Washer	
SS395f	1062	" " Stud Screw	
SS42f	1062	" " Set Screw	
91797	1063	Oil Box, complete, Nos. SS42f, SS50f, 219f, 80106, 824	59, 82460,
		82462 to 82464 and 91796	
98615		Oscillating Rock Shaft with 91025, 94972 and two 9	1026
00010			
98616		Oscillating Rock Shaft, complete, Nos. 1668c and	
			98615
6489	311	" " Hinge Pin	
1513j	841	" " " " Nut	
926c	312	" Screw Bearing	

No.	Plate	O W . D . O . C . D . N	
1513j	841	Oscillating Rock Shaft Hinge Pin Screw Bearing Nu	
91025	1064	" Steel Plate (bottom)	
94972	1329	" " (top)	
91026	1064	ıı ıı ıı ıı Rivet	
91028	873	Oscillating Shuttle Shaft	
91029	853	" " Bushing	
SS39c	311	" Set Screw	
91030	870	Collar with 453c	
453c	311	Set Screw	
91031	870	Crank with 453c and 1850	
11663	853		
1850	841		
		6.1.6	
453c	311	Set Screw	
91108	702	Presser Bar (round)	
91107	272	(flat) with 91112	
SS185f	1147	" (") Adjusting Screw	
NN35d	1148	" (") " Lock Nut	
91111		" (") Lower Guide Bracket with 157c a	
157c	293	GI	
91112	1070	D 1	pring Pin
RR41	1148		crow Stud
91113	851		
91112	1070		
91112	304	( ) m T 1 ( 11 ( 17 T	
157c	293		
91116	293	Clamping Screw Hinge Pin	
91464	851 1148		
448c			
82429	301	" " Lifter	
SS186d	307	" " Hinge Screw	
1518e	313	" " " " Nut	
91567	871	" Lifting Bracket with 446c	
446c	311	" Set Screw	
91416	756	" Tension Release	
190f	312	Binding	
95192		91567 with 91416 and tw	
283d	293	11 Locking Thumb Screw	
660101	000	D. C. D. L.	
SS316d	622	Presser Bar Screw Bushing	
NN45d	289	Jam Nut	
91075	307	" Spring	
91118	281	" Foot	
91120	281	n n	
793d	311	" Thumb Screw	***

NOTE.—No. 91120 is sent with this Machine unless other Presser Foot is specified on order.

		No. 45K37 MACHINE PARTS.	11
No.	Plate		
95093	1467	Shuttle Bobbin	
95094	1467	" Cylinder	
91042	1467	" Hinge Pin	
91043	1467	" Latch Spring	
233f	1467	" " " " Screw	
98619	1697	" Frame	
95095	1467	Tension Spring	
SS377f	1467	" Adjusting Screw	
†98622	1697	Shuttle (Cylinder) 21 diam., complete, Nos. 233f, SS377f, 9	1042,
		91043, 95093 to 95095 and 98619	
†98607	1701	Shuttle Driver	
11663	853	п Рin	•••
91048	303	Shuttle Guard	
287d	858	" " Thumb Screw	
1549e	858	" " Lock Nut	
10400	000		
91049	302	Shuttle Race with 91051, 91052 and 91055	
94973	_	91049 with 91054 and two 401f	***
SS32f	858	Bearing Clamping Screw	
NN8e	858	" " " Nut	
91050	853	п п Сар	
91051	1064	" " Pin (short)	
91052	303	,, ,, ,, (long)	
91053	853	" " Spring	
41f	303	" " Screw	
91054	303	Loop Spreader	
401f	858	n n n Screw	
91055	1064	Position Pin	
91056	303	Shuttle Race (adjustable), complete, Nos. 41f, 287d, 1	549e,
		91048, 91050, 91053 and 94973	
01050	0=0	Chattle Done Clide (front)	
91058	873	Shuttle Race Slide (front)	
91059	873	Spring	****
337d	858	(heals)	
91077	868	(back)	
180f	311		
91060	-	91058 with 91059 and two 337d	***
SS317e	858	Tension Screw Stud	
1560d	858	" Regulating Thumb Nut	
446c	311	Set Screw	
82445	869	" Spring	
82446	871	Washer (Felt)	
82447	869	" (Steel)	
82448	1064	" Wheel	
82502	290	Tension, complete, Nos. SS317e, 1560d, 82445, 82448, two	each
		82446 and 82447	

†NOTE.—Shuttle Driver No. 98607 must be used in conjunction with Shuttle No. 98622 and vice versa. These new parts are not interchangeable with the old.

No.	Plate		
82551	1062	Thread Controlling Lever	
82525	869	" " Spring	
82455	871	" " Stop Pin	
91070	297	Thread Eyelet	
SS50f	311	" Screw	
82449	869	Thread Guard	
233d	311	" " Screw	
2102	1062	Thread Retainer Disc	
413e	311	" Screw Stud	
1560d	858	Regulating Thumb Nut	
2103	- 869	" " Spring	
82503	290	Thread Retainer, complete, Nos. 413e, 1560d, 2103 and to	vo
		2102	
			3-5-70
91618	_	Thread Take-up Cam with SS320c and SS370c	
91618 SS320c	841	The transfer of the control of the transfer of the control of the	
SS320c		" Set Screw	
	841	" Set Screw	
SS320c	841	" Set Screw " Timing Screw	
SS320c SS370c	841 1062	Thread Take-up Lever	
SS320c SS370c 91105	841 1062 —	Thread Take-up Lever	
SS320c SS370c 91105 91106	841 1062	Thread Take-up Lever  " " " 91105 with RR24 and 1519e " " Hinge Screw	
SS320c SS370c 91105 91106 SS22d	841 1062 — — 311	Thread Take-up Lever  " " " 91105 with RR24 and 1519e " " Hinge Screw " " Roller and Screw Stud	
SS320c SS370c 91105 91106 SS22d RR24	841 1062 — 311 280	Thread Take-up Lever	
SS320c SS370c 91105 91106 SS22d RR24	841 1062 — 311 280 280	Thread Take-up Lever  " " " 91105 with RR24 and 1519e " " Hinge Screw " " Roller and Screw Stud " " Nut	
SS320c SS370c 91105 91106 SS22d RR24 1519e	841 1062 — 311 280	Thread Take-up Lever  " " " 91105 with RR24 and 1519e " " Hinge Screw " " Roller and Screw Stud " " Nut  Throat Plate for 91071	
\$\$320c \$\$370c 91105 91106 \$\$522d \$\$R\$24 1519e 91078 91079	841 1062 — 311 280 280 282 1064	Thread Take-up Lever  " " " 91105 with RR24 and 1519e " " Hinge Screw " " Roller and Screw Stud " " " Nut  Throat Plate for 91071 " " 91011 for Book Stitching	
\$\$320c \$\$370c 91105 91106 \$\$522d \$\$R\$24 1519e 91078	841 1062 — 311 280 280	Thread Take-up Lever	
\$\$320c \$\$370c 91105 91106 \$\$522d \$\$R\$24 1519e 91078 91079	841 1062 — 311 280 280 282 1064	Thread Take-up Lever	
\$\$320c \$\$370c 91105 91106 \$\$522d \$\$R\$24 1519e 91078 91079	841 1062 — 311 280 280 282 1064	Thread Take-up Lever	

# PARTS COMPLETE FOR

# Machine 45K50

FLAT BED, Top and Bottom Feed, Needle Bar Link, maximum length of stitch ½ inch, maximum thickness of material ½ inch. Specially intended for Pamphlet Stitching, but is suitable for many classes

of Leather and Textile Work calling for strength of Feed.

No. Plate Arm with 446c, 82499 and 82549 ... \*91121 8582 302 Dowel Pin (2) Screw (3) ... 118e 311 91615 1063 Arm Shaft 82499 292 Bushing (back) 82549 1071 (front) Set Screw for 82499 311 446c Oil Tube 82400 706 144d 311 Screw 274 Arm Side Cover 91191 " Thumb Screw 286d 308 82403 289 Spool Pin 91418 623 Alternating Feed Presser Bar Connecting Link 91434 622 Adjusting 145f 311 Screw " Adjusting 293 NN34dScrew Wing Nut Link Hinge Screw 52f 311 Slide Block 91125 306 with 91686 " Slide Block Pin 91686 1074 52f 311 " " Spring 91626 306 11 Alternating Feed Presser Bar Connecting Link, complete, 95193 Nos. NN34d, 145f, 91125, 91420, 91434 and 91626

No.	Plate		
91421	622	Alternating Feed Presser Bar Guide Bracket	
389f	311	Screw	***
389f	311	" " Screw	
91156	306	Washer	
91419	622	" Slide Block	* ***
RR52	622	Roller and Stu	ıd
404c	622	" " " " " Screw	
11162	622	" " " " Washer	
91420	622	Alternating Feed Presser Bar Slide Block, complete,	Nos.
		RR52, 404c, 11162 and 91419	
91002	-	Balance Wheel (two-speed) (heavy) with two 434c	
434c	311	ıı Set Screw	
*91119		Pad	
-91119		Bed	***
91128	272	Crank Connecting Rod with 91005, 94872 and two 158e	
*91005		" " Cap	
94872		" " Oil Pad	
158e	311	" " Screw	
98613		" " Hinge Stud	
98614	-	" Cottar Pin	
1668c	_	" " Nut	
91343	492	Face Plate	
SS44f	311	" Screw (to attach to machine) (3)	
0.7.0.1.1			
91344	-	Face Plate, complete, Nos. 233d, 446c, 82449, 82455, 8	2502,
		82525, 82551, 91343 and 95191	• • • •
91008	276	Feed Bar with 80036	
94967	853	" " Retaining Spring	
80036	1064	" " Pin	
313c	312	Screw Centre (2)	
1519e	280	" " Nut (2)	
	-	(2)	
91132	304	Feed Cam with 446c	***
446c	311	" Set Screw	
3033	295	Feed Connecting Link	
375c	312	Hinge Screw (2)	***
1518e	313	" " " Nut (2)	•••
91011	279	Feed Dog (for Book Stitching)	
704c	312	reed Dog (for Book Stitching)	
,010	3.2		
91133	276	Feed Forked Connection	
375c	312	" Hinge Screw	
1518e	313	" " Nut	
		The state of the s	***

No.	Plate		
91014	271	Feed Lifting Rock Shaft	
		01014 11 01007	
91334		2 1 11 2000 11 12	
91335	358		• • •
157c	293	" " Clamping Screw	
1809	280	" " Roller and Stud	
304c	312	" Screw Centre (2)	
1513j	279	" " " Nut (2)	•••
91134	304	Feed Regulator	
1128e	307	" Hinge Screw	
SS115d	313	" Thumb Screw	
247f	311	Feed Regulating Position Screw	
91135	306		
SS94e	311	771 1 NT-1	
NN52d	280		
91136	304	Washer	***
SS95d	311	" Thumb Screw	
91073	272	Feed Rock Shaft with 91169	
91338	-	" " 91073 with 91337	
91337	358	" " Crank with two 157c	
157c	293	" " Clamping Screw	
91169	1069	" " Retaining Spring Pin	
304c	312	Screw Centre (2)	
1513j	279	" " Nut (2)	
1010]	210	" " " " " " " " " " " " " " " " " " " "	
0.7.10.5	220	D 1 Cl - 6	
91435	623	Feed Shaft	
91437	623	" " Fork with 446c	
446c	311	" Set Screw	
91436	623	" " Lever	
7d	311	" " Hinge Screw	
1512e		n n n n Nut	***
93328	707	" Thread Eyelet	
92646	305	n n Pin	
85527	172	Guide	
793d	289	Thumb Screw (2)	
91141	276	and Presser Bar Spring Bracket	
91144	294	" " " Bell Crank	
91145	287	" " Connectin	g
		Bracket with SS45d and 18	
SS45d	311	" Bracket Bell Crank Connecting	
00.00	0	Bracket Clamping Scr	
1816	280	Bell Crank Connection	
1010	200	Bracket Roller and S	
		Dittollor Atoller than to	-

No.	Plate	
161f	310	Guide and Presser Bar Spring Bracket Bell Crank Screw
87345	304	n n n n n n n n
		Washer
91142	_	" " Thread Regulating
		Bracket
91143	287	" " Regulating
		Bracket 91142 with RR33
RR33	293	" " Bracket Thread Regulating
		Bracket Roller and Screw Stud
SS50d	311	Bracket Thread Regulating
		Bracket Screw
91146	_	Needle Bar
91147	287	" Connection with SS45d
SS45d	311	" " Clamping Screw
91148	296	Link (Adjustable) with SS44e
SS44e	311	" " Adjusting Screw
00.00	0.10	
82520	643	Needle Clamp
156f	311	" Screw
82521	643	" Thread Eyelet
226d 82522	841	Needle Claren associate Needle 1865 2264 22720 and 22721
82522	707	Needle Clamp, complete, Nos. 156f, 226d, 82520 and 82521
91796	1333	Oil Box
82459	1333	" " Cover
82460	1329	" " Hinge Pin
80106	1381	" " Latch Spring
219f	1002	" " " Screw
82462	1329	" " " " Washer
82463		" Oil Pad (Cloth)
SS50f	1002	" " " Screw
82464	1329	" " " " Washer
SS395f	1062	ıı ıı Stud Screw
SS42f	1062	" " Set Screw
91797	1063	Oil Box, complete, Nos. SS42f, SS50f, 219f, 80106, 82459, 82460,
		82462 to 82464 and 91796
98615	_	Oscillating Rock Shaft with 91025, 94972 and two 91026
98616		Oscillating Rock Shaft, complete, Nos. 1668c and 98613 to
30010		98615
91025	306	" Steel Plate (bottom)
94972	1329	" " (top)
91026	302	Rivet
6489	311	" " Hinge Pin
1513j	279	" " Nut
926c	312	" Screw Bearing
1513j	279	0 0 0 0 0 0 Nut

No.	Plate			
91028	273	Oscillating Shuttle Shaft		
91029	292	" Bushing		
SS39c	311	Set Screw		
91030	292	Collar with 453c		
		Cot Conduit		
453c	311 292	0 1 11 479 1 1		
91031		Die	•••	
11663	297	Dallan and Chud		
1850	841	C-1 C		
453c	311	n n Set Screw		***
82426	274	Presser Bar (with squared end)		
91149	297	" Lifter		
SS186d	307	Hinge Screw		
1518e	313	" " Nut		
91150	285	" Spring		
	622	a B 1:		
SS316d	022	" Screw Bushing		
91266	305	Presser Foot		
91551	_	" (Serrated)		
SS65d	299	" Screw for 91266		
793d	311	Thumb Screw for 91551		
1000				
95093	1468	Shuttle Bobbin		***
95094	1468	Cylinder		•••
91042	1468	" Hinge Pin		•••
91043	1468	" Latch Spring		•••
233f	1468	" " Screw		
98620	1697	Frame		• • • •
95095	1468	Tension Spring		•••
SS377f	1468	" Adjusting Screw		•••
100000	1.00=	Shuttle (Cylinder) 2½" diam., complete, Nos. 233f, S	SS377f	91042.
†98623	1697	91043, 95093 to 95095 and 98620		, 01012,
		91043, 95093 to 95095 and 96020		
†98607	1701	Shuttle Driver		
11663	297	" " Pin		
11000				
91048	303	Shuttle Guard		
287d	307	" Thumb Screw		***
1549e	299	" " Lock Nut		
91049	302	Shuttle Race with 91051, 91052 and 91055		
	302	01040 with 01054 and two 401f		
94973	307	Bearing Clamping Screw		
SS32f	N. S.	N <sub>11</sub> +		
NN8e				
91050	302	D' - (1)		
91052	303	(1)		
91051	302	ıı ıı ıı (short)		00000

†NOTE.—Shuttle Driver No. 98607 must be used in conjunction with Shuttle No. 98623 and vice versa. These new parts are not interchangeable with the old.

	70.00		
No.	Plate		
91053	300	Shuttle Race Cap Spring	• • •
41f	303	" " " Screw	***
91054	303	" Loop Spreader	
401f	858	" " Screw	
91055	302	Position Pin	
91056	303	Shuttle Race (Adjustable), complete, Nos. 41f, 287d, 154	9e,
		91048, 91050, 91053 and 94973	
91057	277	Shuttle Race Slide (back)	
180d	311	" " ( " ) Screw (2)	
91058	277	" " (front)	
91059	289	" " (" ) Spring	
337d	284	" " Screw	
91060		91058 with 91059 and two 337d	
SS317e	757	Tension Screw Stud	
1560d	280		• • •
446c	311		
82445	292	" " Set Screw	•••
82446		Spring	•••
	296	" Washer (Felt)	• • •
82447	304	" (Steel)	•••
82448	296	Wheel	• • • •
82502	290	Tension, complete, Nos. SS317e, 1560d, 82445, 82448, two ea	
		82446 and 82447	• • •
82551	1062	Thread Controlling Lever	
82525	757	" Spring	
82455	871	" Stop Pin	
82449	292	Thread Guard	
233d	311	" " Screw	
91152	294	Thread Retainer Bracket	
159d	311		•••
2102	296		• • •
413e	311		•••
1560d	280		• • •
2103	292		•••
			•••
82503	290	Thread Retainer, complete, Nos. 413e, 1560d, 2103 and to	
		2102	•••
2005			
95191		Thread Retainer Bracket, complete, Nos. 159d, 82503 a	nd
		91152	
91619	_		***
91155	287	" Link Connection with RR38	

Plate								
280	Thread	Take-	up Cam	Link Co	onnection 1	Roller	and Stud	
302	11	11.		Pin.			***	
841	m m	11		Set Scr	ew			
1062	11		11	Timing	Screw	***	***	
301	Thread	Take-	up Lever	r	***		***	
296	. 11	11	- 11	82452	with RR24	and	1519e	
311	11	11	11	Hinge	Screw			
280	11	U	11	Roller	and Screw	Stud		
280	11	- 11	11	11	11 11	11	Nut	
1064	Throat	Plate	for 91011					
311	. 11	11	Screw (2)					
_	Drip Pa	n						
	280 302 841 1062 301 296 311 280 280 1064 311	280 Thread 302 " 841 " 1062 "  301 Thread 296 " 311 " 280 " 280 "  1064 Throat 311 "	280 Thread Take- 302 " " 841 " " 1062 " "  301 Thread Take- 296 " " 311 " " 280 " " 280 " " 1064 Throat Plate 311 " "	280 Thread Take-up Cam 302 " " " " 841 " " " 1062 " " " "  301 Thread Take-up Lever 296 " " " " 280 " " " 280 " " " 1064 Throat Plate for 91011 311 " Screw (2)	280 Thread Take-up Cam Link Co 302 " " " Pin  841 " " Set Scr.  1062 " " " Timing  301 Thread Take-up Lever  296 " " " 82452  311 " " Hinge 280 " " " Roller 280 " " " Roller 280 " " " " Touch Plate for 91011  311 " Screw (2)	280 Thread Take-up Cam Link Connection 1 302 " " " Pin 841 " " Set Screw 1062 " " Timing Screw  301 Thread Take-up Lever 296 " " " 82452 with RR24 311 " " Roller and Screw 280 " " " Roller and Screw 280 " " " " " " " " " " " " " " " " " " "	280 Thread Take-up Cam Link Connection Roller 302 " " " Pin 841 " " Set Screw 1062 " " Timing Screw  301 Thread Take-up Lever 296 " " " 82452 with RR24 and 311 " " Roller and Screw Stud 280 " " " Roller and Screw Stud 280 " " " " " " " " " " " " " " " " " " "	280 Thread Take-up Cam Link Connection Roller and Stud 302 " " " Pin 841 " " Set Screw 1062 " " Timing Screw  301 Thread Take-up Lever 296 " " 82452 with RR24 and 1519e 311 " " Roller and Screw 280 " " Roller and Screw Stud 280 " " Roller and Screw Stud 280 " " " Nut  1064 Throat Plate for 91011 311 " Screw (2)

# PARTS COMPLETE FOR

# Machine 45K42

CYLINDER BED, Alternating Pressers, Top Feed, Needle Bar Link, Plain Feeding Presser Foot and Lifting Presser Foot (outside), for Saddlery Work.

No.	Plate									
*91190		Arm	with 4	46c, 8249	99 and 8	32549				
8582	302	11	Dowel	Pin (2)						
118e	311	11	Screw	(3)						
91615	1063	Arm	Shaft							
82499	292	11	11	Bushing	(back)					
82549	1071	-11	- 11	11	(front)					
446c	311	11	11	tt.	Set Scr	ew fo	r 82499			
82400	706	11	11	Oil Tube						
144d	311	- 11	-11	Screw						
91122	818	Arm	Side (	Cover						
286d	308	.11	11	" Th		crew	***	***	***	
82403	289	- 11	Spool	Pin	• • • •					
		21400000				-				
91418	623	Alter	nating	Feed P						
91434	622		111	11	11	11		ting Lin		tim at
145f	311		11	- 11	11	11	"	- 11	Adjus	ting
2727042	200								11	-
NN34d	293		11	11	.00	11	11	11		ing Nut
52f	311			**	11	11				Screw
91125	306		11	11	11	11			-	Block
31120	300					**	***	- "	A STATE OF THE PARTY OF THE PAR	h 91686
91686	1074		11		11	- 11	11	11		Block
51000	1011									Pin
52f	311		11	11	11	11	111	- 11	11	Block
										Screw
91626	306		11	11	11	11	11	11	11	Block
										Spring
95193	_	Alter	nating	Feed I	resser	Bar	Conne	cting L	ink, co	mplete,
		1	Nos. N	N34d, 14	5f, 911	25, 91	1420, 91	434 and	91626	

No.	Plate		
91421	622	Alternating Feed Presser Bar Guide Bracket	
389f	311	n n n n Screw	
389f	311	" Screw	
91156	306	" " " " Washer	
91419	622	" " Slide Block	
RR52	622	" " " Roller and Stud	
404c	622	" " " " Screw	
11162	622	n n n n n n Washer	
91420	622	Alternating Feed Presser Bar Slide Block, complete, 1	Vos.
		RR52, 404c, 11162 and 91419	
82404	271	Balance Wheel (Two-Speed) with two 434c	
91002	_	" ( " ) (Heavy) with two 434c	
434c	311	" Set Screw	
		NOTE No. 82404 is sent with this Machine unless otherwise	
		specified on order.	
*91327		Bed (Cylinder)	
91921		Bed (cylinder)	• • • •
91128	272	Crank Connecting Rod with 91005, 94872 and two 158e	
*91005		" " Cap	
94872		" " Oil Pad	
158e	311	" " Screw (2)	
98613	011	" " Hinge Stud	
98614		" " Cottar Pin	
1668c	_	n n n n n Nut	
10000			
91343	492	Face Plate	
SS44f	311	" Screw (to attach to Machine) (3)	
91344		Face Plate, complete, Nos. 233d, 446c, 82449, 82455, 82	502,
		82525, 82551, 91343 and 95191	
91194	294	Feed Cam (top) with two 446c	
446c	311	" " Set Screw	
91195	294	Feed Connecting Crank with 453c and 1809	
3012	302	" " Pin	
1809	280	Roller and Stud	
453c	311	" Set Screw	
	20.0		
247f	311	Feed Regulating Position Screw	
91135	306	Sliding Block	•••
SS94e	311	" Screw Stud	
NN52d	280	" " " Thumb Nut	•••
91136	304	Washer	•••
SS95d	311	" Thumb Screw	
91435	623	Feed Shaft	
91436	623		
31430	020	ıı ıı Lever	

No.	Plate									
7d	311	Feed S	shaft Le	ver Hin	ge So	crew			***	
1512e		11	11	11 11		11 N	ut			
93328	707		11	. Thr	ead 1	Eyelet				
†91198	287	Guide								
91368	492	11								
†91326	287			118 thick						
†180d	311			crew (2)						***
793d	289			Screw (2)						
1990	200	.01	Thumb	Sciew (	٠)		***		***	111
91611		Guide	Holder							
SS39d	311	11	-11	Binding						
91603		11		Bracket			(			
91217	291	- 11	- 11			ge Pin				
91604				Hinge I		_				
946f	1114	- 11		11						
91612	1075		Holder	r (Swin	or) 0	omplet	e Nos			
31012	1070			91611						
		01		d only wh						
			TSupplier	d Only wh	en sp	ecimed o	ni order	and char	god Catra	
91141	276	Guide	and Pr	esser B	ar S	pring	Brack	et		***
91144	294	"	11	11	11	11		Bell (	Crank	
91145	287		11	11		11	- 11		" Con	necting
							Bracke	t with S	SS45d at	nd 1816
SS45d	311	- 11	11	11	0	-11	Bracket	t Bell Cr	ank Con	necting
							B	racket C	lamping	Screw
1816	280	- 11	11	11	,,	. 1	Bracket	Bell Cra	ank Con	necting
							B	racket F	Roller ar	nd Stud
161c	310	11	11			11	Bracke	t Bell C	rank Sc	rew
87345	304	11		0		11	11	11	11	11
0.010										Washer
91142	_			11	11	11		Thread		
01112										Bracket
91143	287	.,		11		11		.01		
31110	201	11	,,	"				cket 91	0	-
RR33	293	- 11				11	12000	t Threa		
arros	200	- 11	"	"				Roller a	0	-
SS50d	311			,,				t Thread		
5550d	911		"	"			Diudio			t Screw
									Dittolic	
91146		Needle	Bar							
91147	287	- 11	" Co	nnection	n wit	h SS45	5d			
SS45d	311	"	"	. 11			Screw			
91148	296	11		"				) with S		
SS44e	311	11	11			, ,	isting S			
22110			35.0		- 11		-6			
82520	643	Needle	Clamp							***
156f	311	11	11					.5.		

No.	Plate		
82521	643	Needle Clamp Thread Eyelet	
82521 226d	841	C	
	707	Needle Clamp, complete, Nos. 156f, 226d, 82520 and 82521	
82522	101	Needle Clamp, complete, Nos. 1501, 2200, 02020 and 02021	
91796	1333	Oil Box	
82459	1333	" " Cover	
82460	1329	" " Hinge Pin	
80106	1381	" " Latch Spring	
219f	1002	" " Screw	
82462	1329	" " Washer	0
82463	-	" " Oil Pad (Cloth)	250
SS50f	1002	" " " Screw	
82464	1329	" " " " Washer	
SS395f	1062	" " Stud Screw	
SS42f	1062	" " " Set Screw	
91797	1131	Oil Box, complete, Nos. SS42f, SS50f, 219f, 80106, 82459, 82460,	
		82462 to 82464 and 91796	
98617	-	Oscillating Rock Shaft with 91025, 94972 and two 91026	10
98618		Oscillating Rock Shaft, complete, Nos. 1668c, 98613, 98614	Į
90010		and 98617	
6489	311	" " Hinge Pin	
1513j	279	" " " Nut	
926c	312	" " Screw Bearing	
15131	279	" " " " " Nut	
91025	306	Steel Plate (bottom)	
94972	1329	(tan)	
91026	302	" " " (top)	
91020	302	" " " Italia	
91202	274	Oscillating Shuttle Shaft	
91172	294	Crank with 453c and 1850	
11663	297	" " Pin	
1850	841	" Roller and Stud	
453c	311	" Set Screw	
1000	011		
82426	274	Presser Bar (with squared end)	
91149	297	" " Lifter	
SS186d	307	" " Hinge Screw	
1518e	313	" " " " Nut	100
SS316d	622	" Screw Bushing	
82430	871	, Spring	
91203	306	Presser Foot (left hand)	
91205	285	" (right hand)	2
SS65d	299	" Screw	6)
91206	280	Presser Feeding Foot (serrated)	
793d	311	" " Thumb Screw	
7000	011	NOTE -Nos 91203 and 91206 are sent with this Machine unless other	
		Presser Feet are specified on order.	

No.	Plate			
91092	_	Presser Foot Feed Point & Square Stitch		
91093	-	" " " " " " " " " " " " " " " " " " "		
91094	-	" " " " " " Square "		
91095	-	" " " " Twist "		
91096	280	" " " " Square "	***	
91097	280	" " " " " " " Twist "		
91098	280	" " " Square "		
91099	280	" " " Twist "		
91100	280	" " " " Square "		
91101	280	" " " " Twist "	***	
91102	-	" " " Square "		
91103		n n n n n Ta" Twist n		***
		NOTE.—Presser Foot Feed Points may be used with but are only supplied when specified on order and are c	his mac	hine, xtra.
95093	1467	Shuttle Bobbin		
95094	1467	0 11 1		
91042	1467	TT' D'		
91043	1467	Latch Spring		
233f	1467	" " Screw		•••
98619	1697	Frame		
95095	1467	Tension Spring		
SS377f	1467	Adjusting Screw		
†98622	1697	Shuttle (Cylinder) 21" diam., complete, Nos.		SS377f.
		91042, 91043, 95093 to 95095 and 98619		
†98608	1699	Shuttle Driver and Feed Raising Cam		-
11663	297	" " Pin		
91451	756	Shuttle Race (Cast Iron)		
91315	285	" " Cap Spring		
SS218f	285	" " Screw		
91452	756	n Cover		
91430	684	" " Ring		
SS318e	684	Position Screw Stud (2)		
SS317e	757	Tension Screw Stud	*	
1560d	280	" Regulating Thumb Nut		
446c	311	" Set Screw		
82445	292	" Spring		
82446	296	Washer (Felt)		***
82447	304	" " (Steel)		
82448	296	Wheel		
82502	290	Tension, complete, Nos. SS317e, 1560d, 82445, 82	2448, tv	vo each
		82446 and 82447		
		82446 and 82447		

†NOTE.—Shuttle Driver No. 98608 must be used in conjunction with Shuttle No. 98622 and vice versa. These new parts are not interchangeable with the old.

No.	Plate	
82551	1062	Thread Controlling Lever
82525	757	" " Spring
82455	871	" Stop Pin
82449	292	Thread Guard
233d	311	" " Screw
91152	294	Thread Retainer Bracket
159d	311	" " Screw
2102	296	" Disc
413e	311	" Screw Stud
1560d	280	" " Regulating Thumb Nut
2103	292	" " Spring
82503	290	Thread Retainer, complete, Nos. 413e, 1560d, 2103 and two 2102
95191	_	Thread Retainer Bracket, complete, Nos. 159d, 82503 and
		91152
91619	_	Thread Take-up Cam with SS320c and SS370c
91155	287	Link Connection with RR38
3012	302	" " " Pin
RR38	280	Roller and Stud
SS320c	841	" " Set Screw
SS370c	1062	Timing Screw
82452	301	Thread Take-up Lever
82453	296	" 82452 with RR24 and 1519e
SS22d	311	" " Hinge Screw
RR24	280	Roller and Screw Stud
1519e	280	" " " " " " Nut
91208	287	Throat Plate (fine needle hole)
91209	287	(coarse needle hole)
180d	311	" Screw
		NOTE No. 91209 is sent with this Machine unless other Throat
		Plate is specified on order.
91210	_	Work Plate
SS39d	311	п п Screw
		NOTE.—No. 91210 is supplied only when specified on order and is charged extra.
		and is charged extra.

# PARTS COMPLETE FOR

# Machine 45K52

CYLINDER BED, Alternating Pressers, Top Feed, Needle Bar Link, Plain Feeding Presser Foot and Lifting Presser Foot (outside) and Wax Heating Arrangement, for Saddlery Work, etc.

No.	Plate									
*91341	Trace	Arm	with 4	46c, 8249	o and S	29540	9			
8582	302	11		Pin (2)		2010				
118e	311		Screw	1			25.5.5			
1186	311	11	Screw	(3)	***		***		***	•••
91615	1063	A	Shaft							
82499	292				(11-)		•••		***	•••
		11		Bushing			• • •			
82549	1071	11	- 11		(front)				***	
446c	311	11	11	11		ew 10	or 82499			
82400	706	11	- 11	Oil Tube					***	***
144d	311	11	11	Screw					• • •	
	The same									
91122	818		Side (							
286d	308			" Th	numb Sc	rew				***
82403	289	11	Spool	Pin						***
91418	623	Alter	nating	Feed P	resser					
91434	622	Alter	nating	Feed P	resser		Connecti	ng Link		
		Alter		· Commence of the control of the con				ng Link		ting
91434	622	Alter	11	11	11	11	Connecti	ng Link		
91434	622	Alter	11	11	11	11	Connecti	ng Link	Adjust	ting Screw
91434 145f	622 311	Alter	11	"	" "	11	Connecti	ng Link	Adjust	ting Screw
91434 145f	622 311	Alter	11	"	" "	11	Connecti	ng Link	Adjust	ting Screw
91434 145f NN34d	622 311 293	Alter	11	n n	11 11	" "	Connecti	ng Link " "	Adjust Wi Wi Hinge Slide	Screw ing Nut Screw Block
91434 145f NN34d 52f	622 311 293 311	Alter	n n	n n	n n	n n	Connecti	ng Link	Adjust Wi Wi Hinge Slide	screw ing Nut Screw
91434 145f NN34d 52f	622 311 293 311	Alter	n n	n n	n n	n n	Connecti	ng Link	Adjust Wi Hinge Slide with	Screw ing Nut Screw Block
91434 145f NN34d 52f 91125	622 311 293 311 306	Alter	11 11 11 11 11 11 11 11 11 11 11 11 11	11 11 11	" " " " " " " " " " " " " " " " " " " "	n n n	Connecti	ng Link	Adjust Wi Hinge Slide with	ting Screw ing Nut Screw Block
91434 145f NN34d 52f 91125	622 311 293 311 306	Alter	11 11 11 11 11 11 11 11 11 11 11 11 11	11 11 11	" " " " " " " " " " " " " " " " " " " "	n n n	Connecti	ng Link	Adjust Wi Hinge Slide with	ting Screw ing Nut Screw Block h 91686 Block
91434 145f NN34d 52f 91125 91686	622 311 293 311 306 1074	Alter	11 11 11 11 11 11 11 11 11 11 11 11 11	" " " " " " " " " " " " " " " " " " "	" " "	11 11 11 11	Connecti	ng Link	Adjust Wi Hinge Slide with	ting Screw ing Nut Screw Block h 91686 Block Pin
91434 145f NN34d 52f 91125 91686	622 311 293 311 306 1074	Alter	11 11 11 11 11 11 11 11 11 11 11 11 11	" " " " " " " " " " " " " " " " " " "	" " "	11 11 11 11	Connecti	ng Link	Adjust Wi Hinge Slide with Slide	screw ing Nut Screw Block b 91686 Block Pin
91434 145f NN34d 52f 91125 91686 52f	622 311 293 311 306 1074	Alter	11 11 11 11 11 11 11 11 11 11 11 11 11	" " " " " " " " " " " " " " " " " " "	11 11 11 11 11	" " " " " " " " " " " " " " " " " " "	Connecti	ng Link	Adjust Wi Hinge Slide with Slide	screw ing Nut Screw Block h 91686 Block Pin " Screw
91434 145f NN34d 52f 91125 91686 52f	622 311 293 311 306 1074		H H H H H H H H H H H H H H H H H H H	" " " " " " " " " " " " " " " " " " "	11 11 11 11 11	" " " " " " " " " " " " " " " " " " "	Connecti	ng Link	Adjust	screw Block Block Pin Screw Block Screw Screw Screw Screw Screw

No.	Plate	D. G. H. Benefict	
91421	622	Alternating Feed Presser Bar Guide Bracket	
389f	311	" " " " Screw	
389f	311	" " Screw	
91156	306	Washer	
91419	622	" " Slide Block	
RR52	622	Roller and Stud	
404c	622	" " " " Screw	
11162	622	Washer	
91420	622	Alternating Feed Presser Bar Slide Block, complete, Nos.	
		RR52, 404c, 11162 and 91419	
91002	-	Balance Wheel (two-speed) (heavy) with two 434c	*
434c	311	" Set Screw	
*91342		Bed (Cylinder)	
		Grant Connecting Red with 91005 94872 and two 158e	
91128	272	Grank Connecting Rod with 51000, 54072 and the 100	
*91005	-	" " Cap	
94872	-	" " " Oil Pad "	
158e	311	" " Screw	
98613	-	" Hinge Stud	
98614	_	" " Cottar Pin	
1668c	-	" " " " " " Nut	•
05104		Face Plate	
95194	- 011	race rate	
SS44f	311	Screw (to attach to Machine) (3)	
		" Screw (to attach to Machine) (3) Face Plate, complete, Nos. 207f, 233d, 82449, 82455, 82502	2,
SS44f	311	" Screw (to attach to Machine) (3) Face Plate, complete, Nos. 207f, 233d, 82449, 82455, 82505	
SS44f 95195	311	Face Plate, complete, Nos. 207f, 233d, 82449, 82455, 82505, 82525, 82551, 91366 and 95194	2,
SS44f 95195 94986	311 —	Face Plate, complete, Nos. 207f, 233d, 82449, 82455, 82505, 82525, 82551, 91366 and 95194	 2, 
SS44f 95195 94986 94987	311 —	## Screw (to attach to Machine) (3)  Face Plate, complete, Nos. 207f, 233d, 82449, 82455, 82505  82525, 82551, 91366 and 95194  Face Plate Swing Cover  ### Hand Lever	 2, 
\$\$\frac{\$\$S44f}{95195}\$\$  94986 94987 14026	311 — — — — — 1098	## Screw (to attach to Machine) (3)  Face Plate, complete, Nos. 207f, 233d, 82449, 82455, 82505  82525, 82551, 91366 and 95194  Face Plate Swing Cover  ### Hand Lever  #### Pin  Step Pin	2,
\$\$\frac{\$544f}{95195}\$\$  94986 94987 14026 91347	311 — — 1098 434	Face Plate, complete, Nos. 207f, 233d, 82449, 82455, 82505 82525, 82551, 91366 and 95194  Face Plate Swing Cover  Hand Lever  Hand Lever  Stop Pin	2,
\$\$44f 95195 94986 94987 14026 91347 32d	311 — — 1098 434 434	Face Plate, complete, Nos. 207f, 233d, 82449, 82455, 82505 82525, 82551, 91366 and 95194  Face Plate Swing Cover  Hand Lever	
\$\$44f 95195 94986 94987 14026 91347 32d 94988	311  1098 434 434 	Face Plate, complete, Nos. 207f, 233d, 82449, 82455, 82505 82525, 82551, 91366 and 95194  Face Plate Swing Cover  Hand Lever	2,
94986 94987 14026 91347 32d 94988 14026	311 — 1098 434 434 — 1098	Face Plate, complete, Nos. 207f, 233d, 82449, 82455, 82505 82525, 82551, 91366 and 95194  Face Plate Swing Cover  Hand Lever  Hand	2,
94986 94986 94987 14026 91347 32d 94988 14026 94989	311 — 1098 434 434 — 1098 —	Face Plate, complete, Nos. 207f, 233d, 82449, 82455, 82505 82525, 82551, 91366 and 95194  Face Plate Swing Cover  Hand Lever  Hand Lever  Hand Lever  Hand Lever  Hinge Screw  Hinge Screw  Thread Pull-off Lever  Spindle  Spring	2,
94986 94987 14026 91347 32d 94988 14026 94989 91351	311 — 1098 434 434 — 1098 — 434		2,
94986 94986 94987 14026 91347 32d 94988 14026 94989	311 — 1098 434 434 — 1098 —	Face Plate, complete, Nos. 207f, 233d, 82449, 82455, 82505 82525, 82551, 91366 and 95194  Face Plate Swing Cover  "" " " Hand Lever  "" " " " Stop Pin  "" " " Hinge Screw  "" " " " Thread Pull-off Lever  "" " " " " " " Pin  "" " " " " " " " Pin  "" " " " " " " " " Pin  "" " " " " " " " " Pin  "" " " " " " " " " " Pin  "" " " " " " " " " Pin  "" " " " " " " " " Pin  "" " " " " " " " " Pin  "" " " " " " " " " Pin  "" " " " " " " " " Pin  "" " " " " " " " " " Pin  "" " " " " " " " " " Pin  "" " " " " " " " " " Pin  "" " " " " " " " " " " " Pin  "" " " " " " " " " " " " " Pin  "" " " " " " " " " " " " " " " " "	2,
94986 94987 14026 91347 32d 94988 14026 94989 91351	311 — 1098 434 434 — 1098 — 434	## Screw (to attach to Machine) (3)	2,
94986 94987 14026 91347 32d 94988 14026 94989 91351	311 — 1098 434 434 — 1098 — 434	## Screw (to attach to Machine) (3)  Face Plate, complete, Nos. 207f, 233d, 82449, 82455, 82502 82525, 82551, 91366 and 95194  Face Plate Swing Cover  ### Hand Lever  #### Hand Lever  #### Hand Lever  #### Hand Lever  ##### Hand Lever  ########	2,
\$\$\frac{94986}{94986}\$  94986  94987  14026  91347  32d  94988  14026  94989  91351  94990	311 — 1098 434 434 — 1098 — 434 —	## Screw (to attach to Machine) (3)  Face Plate, complete, Nos. 207f, 233d, 82449, 82455, 82505 82525, 82551, 91366 and 95194  Face Plate Swing Cover  ## Hand Lever	2,
94986 94987 14026 91347 32d 94988 14026 94989 91351 94990	311 — 1098 434 434 — 1098 — 434 — 294 311	Face Plate, complete, Nos. 207f, 233d, 82449, 82455, 82505 82525, 82551, 91366 and 95194  Face Plate Swing Cover  Hand Lever	2,
94986 94987 14026 91347 32d 94988 14026 94989 91351 94990 91194 446c	311 — 1098 434 434 — 1098 — 434 — 294 311	Face Plate Swing Cover  Hand Lever  Hand L	2,
94986 94987 14026 91347 32d 94988 14026 94989 91351 94990 91194 446c 91195 3012	311 — 1098 434 434 — 1098 — 434 — 294 311 294 302	Face Plate Swing Cover  Hand Lever  Hand L	2,
94986 94987 14026 91347 32d 94988 14026 94989 91351 94990 91194 446c	311 — 1098 434 434 — 1098 — 434 — 294 311	Face Plate Swing Cover  " " " Hand Lever " " " Hand Lever " " " " Hand Lever " " " " Hand Lever " " " " " " " Hand Lever " " " " " " " " " " " " " " " " " " "	2,

No.	Plate									
247f	311	Feed	Regula	ting P	osition	Scr	ew		***	
91135	306	11	11		iding E					
SS94e	311	- 11	11		0		Screw Stu			
NN52d	280	11	11			11	11 11	Thuml		
91136	304	11	11			11	11 11	Washe		•••
SS95d	311	- 11	11	T	numb S			washe		***
17,770			-"	11	iuiiib c	CICW				
91435	623	Feed	Shaft							
91436	623	11		ever			***			• • • •
7d	311								***	• • • •
1512e		11	.11		inge Sc					
93328	707	11	11	11			Nut	***	***	* * *
99928	101	- 11	11	" Tl	read E	yelet	t			
91198	287									
		Guide								
91368	492	11.						• • •		
793d	289	- 11	Thumb	Screw	(2)					
		NO	TE.—No	. 91368	is suppli	ed wi	th this Madied on orde	chine unle	ss otherw	rise
91611		Guide	Holder							
SS39d	311	Juliac	Horaer						•••	• • • •
91603		"			ng Scre		***	***		
91217	291		in.		et					
91604	291	11-	11	11		ge Pi		***	***	***
946f	1114	"	11	0	Lever					
91612			"		11	Scre		***		
91012	1075						ete, Nos.	946f, 9	)1217, 9	91603,
			604 and	91611						
		91					***			
91141	276						Bracke	t		
91144	276 294							t Bell Cr		
	00000	Guide	and Pr	esser :	Bar S <sub>I</sub>	oring	g Bracke			
91144	294	Guide	and Pr	esser	Bar S <sub>I</sub>	oring	Bracke	Bell Cr	ank 11 Coi	nect-
91144	294	Guide	and Pr	esser	Bar S <sub>I</sub>	oring	Bracke	Bell Cr with SS	ank Cor Cor 45d and	nnect- 1816
91144 91145	294 287	Guide	and Pr	esser	Bar S <sub>I</sub>	oring	Bracket Bracket	Bell Cr with SS Bell Cr	rank  " Cor  45d and  ank Cor	nect-
91144 91145	294 287	Guide	and Pr	esser	Bar S <sub>I</sub>	oring	Bracket Bracket ing Bra	Bell Crawith SS Bell Cracket Cla	rank  " Cor  45d and  ank Cor  amping	1816 inect- Screw
91144 91145 SS45d	294 287 311	Guide	and Pr	esser	Bar Sı	oring " " ing	Bracket Bracket ing Bracket ing Bracket	Bell Crawith SS Bell Cracket Cla	ank Cor A5d and ank Cor amping	1816 inect- Screw inect-
91144 91145 SS45d	294 287 311	Guide	and Pr	esser	Bar Sı	oring " " ing	Bracket Bracket Bracket ing Bracket ing Bracket ing Bracket	Bell Crawith SS Bell Cracket Cla Bell Cracket Ro	rank  " Cor  45d and  ank Cor  amping ank Cor  ank Cor  ank Cor  ank Cor  ller and	1816 inect- Screw inect- Stud
91144 91145 SS45d 1816	294 287 311 280	Guide	and Pr	esser	Bar Sp	oring " " ing "	Bracket Bracket ing Bra Bracket ing Bra Bracket	Bell Cracket Clacket Ro	tank  " Cor  45d and  ank Cor  amping tank Cor  ller and  Crank 5	1816 inect- Screw inect- Stud Screw
91144 91145 SS45d 1816	294 287 311 280 310	Guide	and Pr	esser	Bar Sp	oring " " ing	Bracket Bracket Bracket ing Bracket ing Bracket ing Bracket	Bell Crawith SS Bell Cracket Cla Bell Cracket Ro	ank  Gank  Gank  Gank  Gank  Cor  Cor  Cor  Cor  Cor  Cor  Cor  Co	1816 inect- Screw inect- Stud Screw
91144 91145 SS45d 1816	294 287 311 280 310	Guide	and Pr	esser	Bar Sp	oring " ing	Bracket Bracket ing Bra Bracket ing Bra Bracket	Bell Cracket Clacket Ro	tank  " Con  45d and  ank Con  amping tank Con  ller and  Crank the con  " W	1816 nnect- Screw nnect- Stud Screw
91144 91145 SS45d 1816 161f 87345	294 287 311 280 310	Guide	and Pr	esser	Bar Sp	oring " " ing "	Bracket Bracket ing Bra Bracket ing Bra Bracket	Bell Cracket Clacket Ro	ank  Cor  Cor  And  Cor  Cor  Cor  Cor  Cor  Cor  Cor  Co	1816 nnect- Screw nnect- Stud Screw " asher tting
91144 91145 SS45d 1816 161f 87345	294 287 311 280 310	Guide	and Pr	esser	Bar S <sub>I</sub>	oring " "ing " "	Bracket Bracket Bracket ing Bra Bracket ing Bra Bracket	Bell Cracket Clacket Robell Cracket	ank  " Cor 45d and 45d and cor to be and Cor to be and " W  Regula  Br	nnect- 1816 nnect- Screw nnect- Stud Screw " asher ting acket
91144 91145 SS45d 1816 161f 87345 91142	294 287 311 280 310 304	Guide	and Pr	esser	Bar Sp	oring " ing	Bracket Bracket Bracket ing Bra Bracket ing Bra Bracket	Bell Cracket Clacket Ro Bell Cracket Ro Bell Cracket Ro Thread	ank  " Cor 45d and 45d and cor to the property of the property	nnect- 1816 nnect- Screw nnect- Stud Screw " fasher tting acket ing
91144 91145 SS45d 1816 161f 87345 91142	294 287 311 280 310 304 — 287	Guide	and Pr	esser	Bar Sp	oring "" ing "" " " " "	Bracket Bracket Bracket ing Bracket ing Bracket ing Bracket ing Bracket "" "" Bracket	Bell Cracket Clacket Ro Bell Cracket Ro Bell Cracket Ro Bell Cracket Ro Bell Cracket Ro	ank  " Cor 45d and ank Cor amping ank Cor lller and Crank  " W Regula Br Regulat 2 with	nnect- 1816 nnect- Screw nnect- Stud Screw sasher ting acket ing RR33
91144 91145 SS45d 1816 161f 87345 91142 91143	294 287 311 280 310 304	Guide	and Pr	esser	Bar S <sub>I</sub>	oring "" ing "" " " " " " "	Bracket  Bracket  Bracket  Bracket  ing Bra  Bracket  ""  ""  Bracket  ""  Bracket	Bell Cr. with SS Bell Cr. acket Cla Bell Cr. acket Ro Bell (" Thread " ket 9114 Thread	ank  " Cor 45d and ank Cor amping ank Cor ller and Crank 4  " W Regulat Br Regulat 2 with Regula	nect- 1816 nect- Screw nect- Stud Screw nasher ting acket ing RR33 ting
91144 91145 SS45d 1816 161f 87345 91142 91143 RR33	294 287 311 280 310 304 — 287 293	Guide	and Pr	esser	Bar Sp	oring "" ing "" " " " " " " "	Bracket Bracket Bracket ing Bra Bracket ing Bra Bracket " " Bracket " Bracket "	Bell Cracket Clacket Ro Bell Cracket Ro Bell Cracket Ro Bell Cracket Ro Bell Cracket Ro Bell Cracket Ro Bell Cracket Ro	ank  " Cor 45d and ank Cor amping ank Cor ller and Crank 4  " W Regulat Br Regulat 2 with Regulat 1 Screw	nect- 1816 nect- Screw nect- Stud Screw sasher ting acket ing RR33 ting Stud
91144 91145 SS45d 1816 161f 87345 91142 91143	294 287 311 280 310 304 — 287	Guide	and Pr	esser	Bar Sp	oring "" ing "" " " " " " "	Bracket  Bracket  Bracket  Bracket  ing Bra  Bracket  ""  ""  Bracket  ""  Bracket	Bell Cracket Clacket Roacket R	ank  " Cor 45d and ank Cor amping ank Cor ller and Crank 4  " W Regulat Br Regulat 2 with Regulat 1 Screw	nect- 1816 nect- Screw nect- Stud Screw sasher ting acket ing RR33 ting Stud ating

No.	Plate	
91519	817	Heating Chamber
SS39d	311	Binding Screw (to attach to machine) (2)
91431	825	" Bracket (for 91399)
180f	311	" Binding Screw
91467	817	n n Lid
91355	434	" " Hinge Pin
80106	434	" Latch Spring
207f	434	n n n n Screw
82462	302	" " " Washer
637e	434	" Tension Screw Stud
1560d	280	u u u u Thumb Nut
2102	296	" " " Disc
2103	292	" " Spring
91520	825	" " Thread Guide
91521	825	" " " Wheel
34d	432	" " " Hinge Screw
91522	-	complete, Nos. 637e, 1560d, 2103, 91467,
		two each 34d, 2102, 91520 and 91521
91523	-	" Thread Guide Bracket
91524	-	n n n n Roller
91525	_	n n n n n Pin
202f	299	" " Screw
91526	825	" 91523 with 91524
		and 91525
91527	_	" Wax Box
91528	817	91527 with SS308c, two 91359,
		three each 82462 and 91529
91359	434	" " Spindle
91529	1104	" " Thread Eyelet (Rubber)
SS308c	1113	" " " " Screw
82462	302	" " Washer
91530		Heating Chamber, complete, Nos. 207f, 80106, 82462, 91355,
		91431, 91519, 91522, 91526, 91528, two each 180f and 202f
94994		Heating Tube
91363	434	" Connecting Bracket (for arm, front)
91363	434	" " (" back)
91362	434	" " (" bed)
180f	311	" " Screw
91533h	1107	Lower Flame Guard Plate
180f	311	" " " " Screw
94978	_	94994 with 91362, 91533h, two 91363 and six
01010		180f
		22. 22. 22. 22. 22. 22. 22. 22. 22. 22.
94983	1200	Hot Wax Fittings, complete, Nos. 32d, 207f, 91366, 91530,
		94978, 94990, 95195 and two SS39d
91146		Needle Bar
91147	287	" Connection with SS45d
OTITI	201	

No.	Plate		
SS45d	311	Needle Bar Connection Clamping Screw	
91148	296	Link (adjustable) with SS44e	
SS44e	311	" Adjusting Screw	
DOTTE	011		
82520	643	Needle Clamp	
156f	311	" " Screw	
82521	643	" " Thread Eyelet	
226d	841	2	
82522	707	Needle Clamp, complete, Nos. 156f, 226d, 82520 and 82521	• • •
98617	-	Oscillating Rock Shaft with 91025, 94972 and two 91026	• • •
98618	-	Oscillating Rock Shaft, complete, Nos. 1668c, 98613, 98614 a	nd
		986	
91025	306	Steel Plate (bottom)	
94972	1329	" " (top)	
91026	302	" " Rivet	
6489	311	" " Hinge Pin	
1513j	279	" " Nut	
926c	312	" " Screw Bearing	
1513j	279	" " Nut	
1010]	210		
91202	274	Oscillating Shuttle Shaft	
	294	0 1 11 170 1 1070	
91172 11663	297		
		D. W. 1.07 1	
1850	841	0.10	
453c	311	" Set Screw	***
82426	274	Presser Bar (with squared end)	
91149	297	" " Lifter	
SS186d	307	" " Hinge Screw	
1518e	313	n n n n Nut	
SS316d	622	" Screw Bushing	
91150	285	" " Spring	• • •
91203	306	Presser Foot (left hand)	
SS65d	299		
3300d	200	ii botow	
91206	280	1 1 0 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1	•••
793d	311	" Thumb Screw	
91092	_	Presser Foot Feed Point \{\psi'\ Square Stitch  \dots	
91093		14 m 1	
91094		14.0	
91095		14.00	
91096	280		
01000		8	

No.	Plate			
91097	280	Presser Foot Feed Point 1 Twist Stitch		
91098	280	" " " Square "	·	
91099	280	" " " Twist "		
91100	280	" " " Square "		
91101	280	" " " Twist "		
91102	_	" " " 14" Square "		
91103		" " " Twist "		
31103			is Mashin	
		NOTE.—Presser Foot Feed Points may be used with the but are only supplied when specified on	order at	nd
		are charged extra.		
95093	1467	Shuttle Bobbin	***	
95094	1467	Cylinder		***
91042	1467	" Hinge Pin		
91043	1467	" Latch Spring	•••	34.4
233f	1467	n n n Screw		***
98619	1697	Frame		***
95095	1467	Tension Spring		
SS377f	1467	" Adjusting Screw		
†98622	1697	Shuttle (Cylinder) 22 dienis,	233f, SS	5377f,
		91042, 91043, 95093 to 95095 and 98619		
†98608	1699	Shuttle Driver and Feed Raising Cam		***
11663	297	n n Pin		
91451	756	Shuttle Race (Cast Iron)		
91315	285	" Cap Spring		
SS218f	285	" " Screw		
91452	756	" " Cover		
91430	684	" " Ring		
SS318e	684	Position Screw Stud (2)		
SS317e	757	Tension Screw Stud		
1560d	280	" Regulating Thumb Nut		
446c	311	" " Set Screw		
82445	292	Spring		
82446	296	Washer (Felt)	^	
82447	304	" (Steel)		
82448	296	Wheel		
82502	290	Tension, complete, Nos. SS317e, 1560d, 82445, 8	2448, tw	o each
02002	-	85	2446 and	82447
82551	1062	Thread Controlling Lever		
82525	757	" Spring		
82455	871	" Stop Pin		
02400	011	1 1:itime with Chut		

†NOTE.—Shuttle Driver No. 98608 must be used in conjunction with Shuttle No. 98622 and vice versa. These new parts are not interchangeable with the old.

No.	Plate		
82449	292	Thread Guard	
233d	311	, 11 11 Screw	
91619		Thread Take-up Cam with SS320c and SS370c	
91155	287	" Link Connection with RR38	
3012	302	n n n n Pin	
RR38	280	" Roller and Stud	
SS320c	841	" " Set Screw	
SS370c	1062	" " Timing Screw	
82452	301	Thread Take-up Lever	
82453	296	" 82452 with RR24 and 1519e	***
SS22d	311	" " Hinge Screw	
RR24	280	" Roller and Screw Stud	
1519e	280	" " " " " Nut	
91366	434	Thread Tension Protecting Bracket with 91367	
207f	434	" " Screw	
91367	1098	" " Steady Pin	
91208	287	Throat Plate (fine needle hole)	
91209	287	" (coarse needle hole)	
180d	311	" Screw (2)	
		NOTE No. 91209 is sent with this Machine unless other Throat	
		Plate is specified on order.	
91210	_	Work Plate	
SS39d	311	Conous	•••
COOOL	011	" " Screw	•••

NOTE.—No. 91210 is supplied only when specified on order and is charged extra.

# ACCESSORIES

# Accessories supplied with Nos. 45K37 and 45K50 Machines.

No.	Plate		
_		Instruction Book	
84118	870	Machine Button with 84151 and Wood Screw 11" No. 9 R.H	.B.
$214 \times 1$	_	Needles (2 each sizes 25 to 27) for 45K37 Machine	
$214 \times 16$	_	,, (2 ,, ,, 23 ,, 25) ,, 45K50 ,,	
120342	1600	Oiler	
11831	881	Screw Driver (large)	• • •
120378	905	" " (small)	
95093	1263	Shuttle Bobbin (5)	
91268	289	Wrench for NN45 for 45K37 Machine	
80107	70	" " 1528 " 45K37 "	

# Accessories supplied with Nos. 45K42 and 45K52 Machines.

No.	Plate						
938e	996	Bolt with 1524e $(3'' \times \frac{1}{4}'')$	(4)	***		••	• • • •
6055	996	Washer (4)					
91221	291	Guide (plain)		***			
_	-	Instruction Book					
$214 \times 8$		Needles (1 each sizes 22,	24,	25 and 3 size	23)		•••
120342	1600	Oiler		***		 	• • •
11831	881	Screw Driver (large)					•••
120378	905	" (small)					
95093	1263	Shuttle Bobbin (5)		b	***		
86196	576	Threading Hook for 45K	52	Machine			***

# BOBBIN WINDERS

#### Bobbin Winder (Friction) for 45K37, 45K42 and 45K50 Fast Wheel Machines

No.	Plate					
82527	747	Bracket				
SS56d	311	" Screw				
82528	747	Frame				
32d	434	Hinge Screw				
5960	308	Friction Wheel (Leather)				
5961	308	" Washer		***		
333d	308	n n Ser	ew			
91446	747	Spindle with 15072				
15072	-	Bobbin Position Pin	ı			
5963	308	" Flange				
91447	747	Frame, complete, Nos. 3336		, 5963, 82	528 and	91446
82537	747	Spring				
161d	311	11 Screw				
82538	747	Washer				
91448	1129	Bobbin Winder, complete,	Nos. 32d, 16	31d, 82527	, 82537,	82538
		and 91447				

#### Bobbin Winder (Friction) for 45K37, 45K42 and 45K50 Machines with Driving Attachment

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

No.	Plate							
91476	838	Bracket						
91477		Bobbin V	Vinder, com	plete, Nos.	32d,	161d, 82537,	82538,	91447
		and 9	1476					

#### ACCESSORIES

# Accessories supplied with Nos. 45K37 and 45K50 Machines.

No.	Plate		
_	-	Instruction book	
84118	870	Machine Button with 84151 and Wood Screw 14" No. 9 R.H.I	3.
$214 \times 1$	_	Needles (2 each sizes 25 to 27) for 45K37 Machine	¥ +.
$214 \times 16$		" (2 " " 23 " 25) " 45K50 " ··· ··	• •
120342	1600	Oiler	
11831	881	Screw Driver (large)	• •
120378	905	" " (small)	
95093	1263	Shuttle Bobbin (5)	• •
91268	289	Wrench for NN45 for 45K37 Machine	
80107	70	" " 1528 " 45K37 "	•••

# Accessories supplied with Nos. 45K42 and 45K52 Machines.

No.	Plate						
938e	996	Bolt with 1524e $(3'' \times \frac{1}{4}'')$	(4)	•••		• • • • •	
6055	996	Washer (4)	***		***		
91221	291	Guide (plain)		***			***
_		Instruction Book					
$214 \times 8$		Needles (1 each sizes 22,	24,	25 and 3 size	23)		
120342	1600	Oiler		***			
11831	881	Screw Driver (large)		***			
120378	905	" (small)	***		***		
95093	1263	Shuttle Bobbin (5)			***	***	0.000
86196	576	Threading Hook for 45K	52	Machine			

# BOBBIN WINDERS

#### Bobbin Winder (Friction) for 45K37, 45K42 and 45K50 Fast Wheel Machines

No.	Plate		
82527	747	Bracket	
SS56d	311	" Screw	
82528	747	Frame	***
32d	434	" Hinge Screw	
5960	308	Friction Wheel (Leather)	
5961	308	" " Washer	
333d	308	" " Screw	
91446	747	Spindle with 15072	
15072	-	Bobbin Position Pin	
5963	308	" Flange	
91447	747	Frame, complete, Nos. 333d, 5960, 5961, 5963, 82528 and 91	1446
82537	747	Spring	
161d	311	" Screw	
82538	747	- " Washer	
91448	1129	Bobbin Winder, complete, Nos. 32d, 161d, 82527, 82537, 82	2538
		and 91447	

#### Bobbin Winder (Friction) for 45K37, 45K42 and 45K50 Machines with Driving Attachment

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

No.	Plate							
91476	838	Bracket						
91477	-	Bobbin V	Vinder, c	omplete,	Nos. 32d,	161d, 82537,	82538,	91447
		and 9	1476					

# Bobbin Winder (Eccentric) for No. 45K52 Machine

No.	Plate							
80817		Eccentric	***					
286d	1002	. Thun	ib Screw	•••	***			***
82470	1004	Frame			***			
SS56d	1002	" Screw			***			
5960	1331	Friction Wheel	(Leather	r)		***		
5961	1331	0 0	Washer			***		
333d	1002	ii ii	11	Screw		•••		
82471	1004	Spindle				•••		***
5963	1331	" Flange						
82473	1004	Bobbin Wind	er, comp	lete, Nos.	286d,	333d, 5960,	5961,	5963,
02110	1001	80817, 824				***		

# Bobbin Winders (Swinging Automatic, Right Hand) for 95093

No.	Plate					
27540	1487	Base				***
		Screw (Wood) 1" No. 7	R.H.	***		
27302	1487	Frame	***	***		***
50356b	1487	" Hinge Screw	***			***
1620j	1487	" " Nut				
27303	1487	" Spring	***		•••	
27541	1487	Pulley	•••	***	***	
27330	1487	Spindle	***		***	
27306	1488	Spool Pin	***	***	***	
27307	1488	" Stand	•••			
27308	_	" " 27307 with 418	d, 1562j, 210	6, 1014	1, 27306,	two
		1 24	55 and two V	Vood Sc	rews 1" N	0. 10
95197	1487	Stop Latch	***	***		
35d	1487	" Hinge Screw				
2455	1488	Tension Disc		***	***	
1562j	1488	Regulating Thumb	Nut			***
418d	1488	Screw Stud	***			
10141	1488	Spring			***	***
2106	1488	Thread Guide				
95198	1488	Bobbin Winder, Nos. 35d,	1620j, 27302,	27303,	27330, 2	7540,
		27541, 50356b, 95197 as	nd two Wood	Screws	1" No. 7	K.H.
95199		Bobbin Winder (Swinging	Automatic,	right ha	nd), comp	olete,
,,,,,,		Nos. 27308 and 95198			***	***

# Heating Chamber and Hand Bobbin Winder for Machine 45K52

				L	_				
No.	Plate								
91378	494	Bobbin	Winde	r Fran	ne with 4	146c			
91379	494	11	11		(76 teeth				
91380	494	11	11	11	Crank A	,			
91381	494	11	11	11			ndle (Wood		
91382	494		11				Stud		***
80025	495	11	11					Vasher	
91383	494		-11	- 11			80 with 800		 21 and
						. 010	oo with oot	20, 3130	91382
180b	311			.,	Crank Sc	rew			
91384	495		"	11	Stud			***	
8569	_	,,	11	11	" Pin			***	
91386	495		11	.,		sher			
446c	311			11		Screw		***	***
91387	494	"	11		n (33 tee		•••	***	***
2077		"	11	11			***		
91389	495	- 11	11	Spind				***	***
91390			"	Opino !!	Collar			***	
291d	495	- 11		11			Screw		***
91401	495		"	11			with 291d	***	• • • •
93328	707				d Guide			***	
91410	495	.,		1 III Ce			with 91392	***	
91392	495		11	11	11		Stud		
180d	495	"	11	11	.,	"	Screw		
91393	495	**	11		11			W-abaa	
91394	495	11	11	Worn		"	11 11	Washer	
2269	1329	11	**	11	Pin		***		***
91395	494		11			 i+b 190	d and 3251	0	
32519		"	11	"		in for I			111
180d	495		"	"		crew		***	***
91396	495	11:	11	"	Wheel				
91397	495	11	11	"		Cam		***	***
91398	494	" .		11	11		ver		
86d	495	11	11	- 11			Hinge S	200000	***
207d	434		11	11	11		rew		
44d	495	11	11	11		Hinge S		***	
91399	_						86d, 180b	1904	2074
		2077	2269	8569 9	1378 919	270 01	383, 91384,	01296 0	2070,
		9138	9 9139	3 to 91	398 9140	1 9141	0 and 93328	91380, 9	
		0.200	, 0100		,00, 0140.	1, 0141	o and 99928		
95196	-	Heating	Cham	ber a	nd Hand	d Bob	bin Wind	ar com	ploto
		Nos	91399 a	and 91	30				
			- 2000 6						***

# FOOT LIFTER

No.	Plate									
91716	1063	Arm	Lever							
694d	312	11	11	Hinge So	crew					
91457	755	Foot	Lever	with 176	6c					
91459	755	11	11	Bracket						
17881	755	11	11	11	Hing	e Pin				
		11	11	11	Screv	v (Woo	od) 14" N	To. 15		
91458	755	11	- 11	Extension	on					
176c	312	11	11	- 11	Set	Screw				
17882	755	- 11	11	Spring						
91454	-	Foot	Lever	only, co	omple	te, No	s. 17881,	17882,	91457 to	91459
		- 2	and tw	o Wood	Screw	s 14" 1	No. 15			
17877	755	Foot	Lever	Pitman	Rod	(lower)				
17878	755		11	11	11	(upper)				
17879	755	n.	11	11	11 (	Clamp	with two	161d		
161d	311	11	11	.11	11	11	Screw			
17880	755	Foot	Lever	Pitman	Rod,	comple	ete, Nos.	17877 t	o 17879	
91453	755	11	11	11	Conne	ecting	Hook (7	long)		
91455	_	Foot	Lever	, complet	te, No	s. 1788	80 and 9	1454		
91456	_	Foot	Lifter	, comple	ete, No	os. 694	d, 91453	91455 a	and 91716	

No. Plate

# DRIVING ATTACHMENT FOR

# Machine 45K37

No.	Plate			
91473	861	Balance Wheel with 434c, 451c, 91475 and four 40.	2e	
91474	861	" Friction Pulley (two-speeds) with 4		
91294	310	" Centre Bearing		
91475	861	" " Ring (Cardboard)		
402e	861	" " Screw		
448c	858	" " Set Screw		
434c	311	" Set Screw (long)		
451c	861	" " (short)		
91296	755	Starting Lever		
91297	755	" Bracket		
91298	1293	" " Hinge Pin		
_	11	" " Screw (Wood) 11 No. 15		
91299	755	" Nos. 91296 to 91298 and three Woo		
				No. 15
17877	755	Starting Lever Pitman Rod (lower)		
17878	755	" " (upper)		
17879	755	" Clamp with two 161d		
161d	310	" " Screw		
17880	755	Starting Lever Pitman Rod, complete, Nos. 17877 to		9
91460	_	Starting Lever and Pitman, complete, Nos. 17880 as	nd 912	99
84275	472	Shaft Pulley (sectional, grooved) 10" diam., with tw	0 5970	
597c	1302	" Clamping Screw		
91301	310	Lever with 7958 and 91306		
91302	310	" Bracket		
SS38c	310	" " Screw		
91303	310	" Centre Plug (Wood)		
427c	310	" Adjusting Screw		
1508e	310	" " " " Nut		
91306		" Friction Pad (Leather)		
693d	310	" Hinge Screw		
NN28c	310	" " Nut		
91307	292	" Spring		
161d	310	п п Screw		
7958	-	" " Pin		
91309	-	Lever, complete, Nos. 161d, 427c, 1508e, 91301 to 9	91303,	91307
		and two SS38c		
91478		Driving Attachment, complete, Nos. NN28c,	393d,	84275,
		91309, 91460, 91473 and 91474		

#### DRIVING ATTACHMENT FOR

# Machines 45K42 and 45K52

This Driving Attachment is the same as 91478 with the following exceptions:-

No.	Plate	
91311	310	Lever with 7958 and 91306
91312	_	Lever, complete, Nos. 161c, 427c, 1508e, 91302, 91303, 91307,
		91311 and two SS38c
91479	_	Driving Attachment complete, Nos. NN28c, 693d, 84275, 91312,
		91460, 91473 and 91474

# DRIVING ATTACHMENT FOR

#### Machine 45K50

This Driving Attachment is the same as 91478 with the following exceptions:—

No.	Plate				
91468		Lever with 7958 and 91306	***		
91469		Lever, complete, Nos. 161c, 427c, 1508e,	91302,	91303,	91307,
		91468 and two SS38c			
91480	-	Driving Attachment, complete, Nos.	NN28c,	693d,	84275,
		91460, 91469, 91473 and 91474			

# OBSOLETE PARTS

No.	Plate	
91123	274	Alternating Feed Presser Bar for 45K42, 45K50 and 45K52
		Machines.
91269	273	Crank Connecting Rod with SS44c, 91005 and two 158e for
		45K37 Machine
91270	274	" " SS44c, 91005 and two 158e for
		45K42 Machine
91004	-	" " 91005 and two 158e for 45K37
		Machine
SS313c	841	" " Hinge Screw
SS45d	311	" " Set Screw
91271	274	Guide Bar for 45K42 Machine
91199	273	Needle Bar for 45K42 and 45K52 Machines
91273	292	Needle Clamp Thread Eyelet for 45K37 Machine
91027	-	Oscillating Rock Shaft with two each 91025 and 91026 for
		45K37 Machine
91170	296	Oscillating Rock Shaft with two each 91025 and 91026 for
		45K42 Machine
91274	306	Presser Bar Spring (Supplementary, for extra heavy Presser
		Bar) for 45K42 Machine
91275	294	Presser Bar Spring Bracket for 45K42 Machine
91204	285	Presser Foot (right hand) for 45K42 Machine
95186	1467	Shuttle Frame for 95096
95096	1467	Shuttle (Cylinder) 2½" diam., complete, Nos. 233f, SS377f,
		91042, 91043, 95093 to 95095 and 95186, for 45K37, 45K42
		and 45K52 Machines
95187	1468	Shuttle Frame for 95097
95097	1468	Shuttle (Cylinder) 2½" diam., complete, Nos. 233f, SS377f,
		91042, 91043, 95093 to 95095 and 95187, for 45K50 Machine
91597	853	Shuttle Driver for 45K37 and 45K50 Machines
91024	301	" and Feed Raising Cam for 45K52 Machine
91598	300	" " " " " 45K42 and 45K52
010==	200	Machines
91277	306	Shuttle Race Cap for 45K42 Machine
91278	289	Shuttle Race Loop Spreader and Guard for 45K37 Machine
91279	289	Shuttle Race Loop Spreader Spring for 45K37 Machine
91062	-	Thread Take-up Spring
91281	273	Vibrating Presser Bar (flat) for 45K37 Machine
91282	293	" Top Bracket for 45K37 Machine
91283	293	" Lower Guide Bracket for 45K37 Mch.



