

Singer 18-22

FORM 18921

**LIST  
OF  
PARTS**



**SINGER\*\***

**MACHINE No. 18-22**

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**THE SINGER MANUFACTURING COMPANY**

\*\*A Trade Mark of THE SINGER MANUFACTURING COMPANY

## INSTRUCTIONS FOR OILING

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To ensure easy running and prevent unnecessary wear of the parts which are in movable contact, the machine requires oiling and when in continuous use, "TYPE B" or "TYPE D" OIL, sold by Singer Sewing Machine Company, should be applied at least twice each day to all oil holes marked "OIL", as instructed in Form 18931.

"TYPE D" OIL should be used when an oil is desired which will produce a minimum of stain on fabrics, even after a long period of storage.

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## INSTRUCTIONS FOR ORDERING

In ordering from this list, use **ONLY** the part **NUMBER** in the **FIRST** column.

The number stamped on a Sewing Machine Part is in every case the number of the single part only.

Every combination of parts sent out as such has its specific number, which, although not stamped on the parts, must be used when ordering the combination.

Each number always indicates the **SAME PART** in whatever list it appears, or for whatever machine.

The letters after some of the numbers indicate the style of finish only, as follows:

A-Hardened, Polished, Nickel Plated and Buffed

B-Polished, Nickel Plated and Buffed

C-Hardened Only

D-Polished Only

E-Soft, Not Polished

F-Hardened and Polished

H-Blued

J-Nickel Plated Only

K-Hardened and Nickel Plated

L-Brass Plated

M-Oxidized

N-Japanned, Dull

P-Japanned, Bright

R-Merlized

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.M-Copper Plated and Oxidized

T.L-Copper and Brass Plated

U-Zinc Plated

V-Silver Plated

W-Polished and Nickel Plated

Y-Black Nickel Plated Only

Z-Chromium Plated

Z.B-Polished, Nickel Plated, Buffed and Chromium Plated

Z.J-Nickel and Chromium Plated

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

In this series:

1 to 1500, 50001 to 51500 and 140001 to 142000 are Screw Numbers

1501 to 1800 and 51501 to 51800 are Nut Numbers

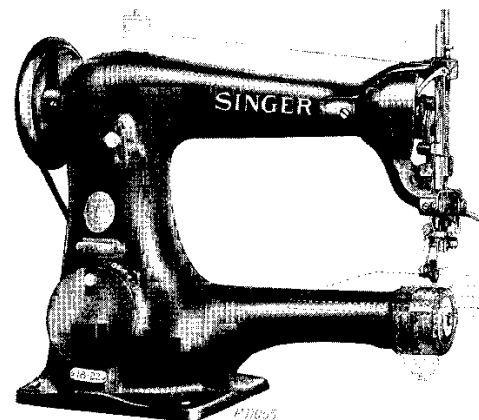
1801 to 2000 and 51801 to 52000 are Roller Numbers

2001 to 50000 and 52001 to 140001 and 142000 to 190000 are Sewing Machine Parts, 190001 and upward are numbers of Electrical Parts

The figures in the second column refer only to the plates, illustrating the parts, and are **NOT TO BE USED** in ordering.

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

## LIST OF PARTS COMPLETE FOR



MACHINE NO. 18-22

FOR SHOE WORK. HAS SHUTTLE NO. 6028, DROP FEED AT LEFT OF NEEDLE, ROLLER PRESSER, DISC BALANCE WHEEL. DIAMETER OF BELT GROOVE 2 3/4 INCHES. SPEED 1800 R.P.M.

No.	Plate	Name
*16263	----	Arm and Cylinder with 15404 and two 15405..
16264	3690	" Shaft.....
*16265	----	" " 16264 with 3032, 16266 and 16269.
3005	3684	" " Bushing.....
448C	3687	" " Set Screw.....
16266	3684	" " Counterbalance with 443C.....
443C	3687	" " Set Screw.....
144D	3687	" " Screw.....
4288	3684	" Side Cover (back).....
51224D	3687	" " " Thumb Screw.....
16102	3684	" " " (front).....
164D	3687	" " " Screw.....
12403	3687	" Spool Pin and Thread Eyelet.....
8879	3687	" " " Washer (cloth).....
16267	3690	Balance Wheel (disc) for Power Table, 2 3/4 in. pulley, with two 448C.....
16278	3690	Balance Wheel (disc) for Stand, 3 in. pulley, for Clamp Stop Motion.....
448C	3687	Balance Wheel Set Screw.....

## PARTS FOR MACHINE 18-22

No.	Plate	Name
256J	3687	Clamp Stop Motion Clamp Screw.....
248A	3687	" " " " Stop Screw.....
2020	3687	" " " " Washer.....
*3023	----	" " " Flanged Bushing.....
4933	3684	" " " " " 3023 with two 462C.....
2022	3687	Clamp Stop Motion Flanged Bushing Pin....
462C	3687	" " " " " Set Screw.....
3022	----	Clamp Stop Motion complete, Nos. 248A, 256J 2020 and 4933.....
16032	3690	Cloth Plate.....
16143	3690	" " Bracket with 1107C.....
1107C	3687	" " " " Set Screw.....
389F	3687	" " Screw.....
16034	3690	" " Slide.....
3286	3685	" " Spring.....
725J	3687	" " " " Screw.....
6479	3690	Cloth Plate complete, Nos. 3286, 16032, 16034 and two 725J.....
6478	----	Cloth Plate with Bracket complete, Nos. 6479, 16143 and two 389F.....
4292	3683	Crank Connecting Rod with two 145E.....
145E	3687	" " " " Cap Screw.....
375C	3685	" " " " Hinge Screw.....
1518J	3685	" " " " Nut.....
16045	3685	Cylinder Oil Tube, for oiling Oscillating Shaft.....
16036	3684	Cylinder Side Cover.....
51224D	3687	" " " " Thumb Screw.....
3032	3685	Feed Cam with 446C.....
446C	3685	" " " " Set Screw.....
3033	3685	" " Connecting Link.....
375C	3685	" " " " Hinge Screw.....
1518J	3685	" " " " Nut.....
16107	3679	" " Dog, 10 teeth (16 teeth to the inch) for 16095.....
Note: No. 16107 is sent with this machine unless another Feed Dog is specified on order.		
16094	3679	Feed Dog, 10 teeth (16 teeth to the inch) for 16095.....
16172	3679	Feed Dog, 13 teeth (22 teeth to the inch) for 16095.....
16078	3680	Feed Dog, 10 teeth (16 teeth to the inch) for 6492, 16096, 16097 and 16131.....
16108	3679	Feed Dog, 10 teeth (16 teeth to the inch) for 16109 and 16110.....
6458	3679	Feed Dog Carrier.....
231C	3679	" " " " Screw.....

## PARTS FOR MACHINE 18-22

No.	Plate	Name
3037	3683	Feed Forked Connection.....
375C	3685	" " " " Hinge Screw.....
1518J	3685	" " " " Nut.....
6459	3685	" " Regulator.....
58E	3685	" " " " Hinge Screw.....
818D	3685	" " " " Thumb Screw.....
6460	3690	" " Rock Shaft.....
6018	3685	" " " " Crank with 207F.....
156F	3685	" " " " Position Screw.....
207F	3685	" " " " Set Screw.....
16268	3683	Needle Bar (hollow).....
*3045	3688	" " " " Connecting Link.....
16220	----	" " " " " 3045 with 377C, 1518J and 6487.....
377C	3688	Needle Bar Connecting Link Hinge Screw....
1518J	3688	" " " " " " Nut
6487	3688	" " " " Stud with 155C.....
155C	3688	" " " " Set Screw.....
290E	3687	" " " " Screw Bushing.....
4302	3688	" " " " Thread Guide.....
233J	3688	" " " " " " Screw.....
4303	3688	" " " " Clamp with 806F.....
806F	3688	" " " " Screw.....
*6461	3684	Oscillating Rock Shaft with 4784.....
16176	----	Oscillating Rock Shaft complete, Nos. 6461 and 16212.....
6489	3683	Oscillating Rock Shaft Hinge Pin.....
16212	----	" " " " " " 6489 with 1513J.....
1513J	3687	Oscillating Rock Shaft Hinge Pin Nut.....
4784	3687	" " " " Oil Pad.....
6462	3690	" " " " Shaft.....
*6056	----	" " " " Crank with 460C and 1813
6024	3694	" " " " " " 1813 and two 462C.....
2049	3688	Oscillating Shaft Crank Pin.....
1813	3688	" " " " " " Roller and Stud.....
462C	3688	Oscillating Shaft Crank Set Screw for 6024.....
460C	3688	Oscillating Shaft Crank Set Screw for 6056.....
3054	3683	Presser Bar.....
6464	3683	" " " " Lifter.....
77F	3687	" " " " Hinge Screw.....
6465	3687	" " " " " " Friction Washer.....
16194	3683	Presser Bar Lifting Bracket with 175J and two 457K.....

## PARTS FOR MACHINE 18-22

No.	Plate	Name
16195	3683	Presser Bar Lifting Bracket 16194 with 16196 and two 335J.....
175J	3687	Presser Bar Lifting Bracket Adjusting Screw.....
6469	3683	Presser Bar Lifting Bracket Guide.....
175J	3687	" " " " " Screw...
457K	3687	" " " " " Set Screw.....
16196	3683	" " " " " Wearing Plate.
335J	3688	" " " " " " Screw.....
290E	3687	Presser Bar Screw Bushing.....
5459	3683	" " " Spring (light) .047 wire.....
6466	----	" " " (medium) .055 wire.....
6467	----	" " " (heavy) .063 wire.....
2070	3688	" " " Washer.....
2180	3679	" " Foot.....
190J	3688	" " Screw.....
262J	3683	Pressure Regulating Thumb Screw.....
1841	3681	Roller, 7/8 in. diam., fine, with 652D and 1528J.....
2203	3681	Roller Arm.....
440F	3689	" " Adjusting Screw.....
1547J	3689	" " " " " Nut.....
2206	3681	" " Bracket.....
2205	3689	" " Lock Spring.....
176J	3689	" " " " " Screw.....
1549J	3689	" " " " " Nut.....
316F	3689	" " " Screw Center.....
1547J	3689	" " " Nut.....
2197	3681	Roller Presser complete, 7/8 in. fine roller, Nos. 176J, 440F, 1549J, 1841, 2203, 2205, 2206, two 316F and three 1547J.....
190J	3688	Roller Presser Screw.....
652D	3689	" " Screw.....
1528J	3689	" " Nut.....
2073	3689	Shuttle Bobbin.....
2211	3689	" " Retaining Spring.....
2212	3689	" " " " " Rivet.....
*6058	----	" " Body with 398E, 2082, 2084, 2211 and two 2212.....
*2075	----	Shuttle Cover.....
*44001	----	" " 2075 with 112E, 466C, 2078, 2080, 2086 and 2090.....
2076	3689	Shuttle Cover Hinge Pin.....
2078	3689	" " Delivery Eye Thread Guard.....
2080	3689	" " " " " Rivet....
2082	3689	" " Main Spring.....
398E	3689	" " " Screw.....
2084	3689	" " " Steady Pin.....

## PARTS FOR MACHINE 18-22

No.	Plate	Name
466C	3689	Shuttle Tension Regulating Screw.....
2086	3689	" " " Spring.....
2090	3689	" " " " " Plate.....
112E	3689	" " " " " Screw.....
6028	3689	Shuttle (high point) complete, Nos. 2073, 2076, 6058 and 44001.....
6470	3688	Shuttle Driver and Feed Lifting Cam.....
2049	3688	" " " " " " Pin...
16171	3684	" " Race.....
16218	----	" " " 16171 with 6471 and two 102J.
6800	3684	" " Cap.....
6471	3684	Shuttle Race Cap complete, Nos. 6472, 6800 and two 725J.....
6472	3684	Shuttle Race Cap Latch.....
725J	3687	" " " " " Screw.....
102J	3688	" " " " " Screw.....
50037J	3688	" " " " " Screw.....
2102	3686	Tension Disc.....
1560C	3686	" " Regulating Thumb Nut.....
16279	3686	" " Releaser.....
16240	3686	" " " Collar with 7393 and two 1253C.....
7393	3686	Tension Releaser Collar Pin.....
1253C	3686	" " " " " Set Screw.....
50116K	3686	" " " " " Screw.....
600C	3686	" " Screw Stud.....
16202	----	" " " " " 800C with 1560C.....
175J	3687	" " " " " Set Screw.....
2103	3686	" " Spring.....
16022	3686	" " Thread Guard.....
219J	3686	" " " " " Screw.....
16204	----	Tension complete, Nos. 2103, 16202 and two 2102.....
2106	3686	Thread Eyelet (front of arm).....
*16269	----	" " Take-up Cam.....
16270	3692	" " " " " 16269 with 446C.....
3012	3688	" " " " " Pin.....
446C	3685	" " " " " Set Screw.....
*6474	3686	" " " " " Lever with 1819.....
16180	----	" " " " " 6474 with 76F.....
76F	3686	" " " " " Hinge Screw.....
1819	3686	" " " " " Roller and Stud.....
6768	3686	" " Spring.....
6477	3686	" " " " " Regulator Plate.....
233J	3688	" " " " " " Ad-justing Screw.....

No.	Plate	Name
16095	3679	Throat Plate (fluted) for size No. 16 needle, to locate close to the side nearest the feedway, for 16094, 16107 and 16172.....
Note: No. 16095 is sent with this machine unless another Throat Plate is specified on order.		
16096	3680	Throat Plate (not fluted) for size No. 18 needle, to locate close to the side nearest the feedway, for 16078.....
16131	3680	Throat Plate (fluted) for size No. 18 needle, to locate close to the side nearest the feedway, for 16078.....
6492	3680	Throat Plate (fluted) large needle hole, for 16078.....
16097	3680	Throat Plate (fluted) small needle hole, for 16078.....
16109	3679	Throat Plate (fluted) large needle hole, for 16108.....
16110	3679	Throat Plate (fluted) small needle hole, for 16108.....
399D	3680	Throat Plate Screw.....
16077	3693	Drip Pen.....
*15404	----	Trade Mark.....
15405	----	" " Rivet.....

SINGER Needles should be used  
in SINGER Machines  
These Needles and their Containers  
are marked with the  
Company's Trade Mark "SIMANCO.\*\*" 1

Needles in Containers marked  
"FOR SINGER MACHINES"  
are NOT SINGER made needles. 2

## ATTACHMENTS AND ACCESSORIES

No.	Plate	Name
51072E	3688	Machine Bolt with 51581E, to secure machine to table.....
51581E	3688	Machine Bolt Nut.....
6055	3688	" " " Washer.....
120342	8400	Oiler (copper plated) with 120343.....
120343	8400	" Spout, 3 1/2 in. long.....
26026	8400	Screw Driver (machine).....
26485	8400	" " (shuttle tension).....
8908	8400	Wrench for 1620.....
8909	8400	" " 1513, 1518 and 51581.....
4822	8400	" " 1528, 1547 and 1549.....

## BOBBIN WINDER

(SWINGING AUTOMATIC, LEFT HAND)

No.	Plate	Name
16271	3692	Base.....
27321	3692	Frame.....
50356D	3686	" Hinge Screw.....
1620J	3686	" " " Nut.....
27322	3694	" Spring.....
27541	3692	Pulley.....
27305	3692	Spindle.....
27306	3692	Spool Pin.....
27307	3692	" Stand.....
27308	3692	Spool Stand complete, Nos. 418E, 1562J, 2106, 10141, 11241, 27306, 27307 and two each 2455 and wood screws 1 in. No. 10.....
11241	3692	Spool Washer (cloth).....
27326	3694	Stop Latch.....
35D	3686	" " Hinge Screw.....
2455	3694	Tension Disc.....
1562J	3694	" Regulating Thumb Nut.....
418E	3694	" Screw Stud.....
10141	3694	" Spring.....
2106	3686	" Thread Guide.....
16272	----	Bobbin Winder Nos. 35D, 1620J, 16271, 27305, 27321, 27322, 27326, 27541, 50356D and two wood screws 1 in. No. 7.....
16273	----	Bobbin Winder (swinging automatic, left hand) complete, Nos. 16272 and 27308...

## FOOT LIFTER PARTS

No.	Plate	Name
6439	----	Chain, 36 in. to 45 in., with 56864 and 56865.....
Note: When ordering No. 6439, state length required		
4879	3692	Chain Connecting Link.....
56864	3692	" Hook (large).....
56865	3692	" " (small).....
6692	3691	Lifting Lever.....
802D	3694	" " Hinge Screw.....
16130	3691	" " Spring.....
4881	3691	Treadle.....
4882	3692	" Shaft.....
4883	3692	" Spring.....
4884	3691	" Stand.....
4885	3691	Treadle complete, Nos. 4879, 4881 to 4884 and two wood screws 1 in. No. 16.....
6698	----	Foot Lifter complete, Nos. 802D, 4885, 6439, 6692 and 16130.....

## KNEE LIFTER PARTS

No.	Plate	Name
6692	3691	Lifting Lever.....
802D	3694	" " Hinge Screw.....
16130	3691	" " Spring.....
6703	3691	Pitman, length 14 1/8 in., for 6691.....
7898	3691	" " 19 in., for 16154.....
7124	3691	Rock Shaft.....
2764	3691	" " Hanger (back) with two wood screws 1 in. No. 10.....
16128	3691	Rock Shaft Hanger (front) with two wood screws 1 in. No. 10.....
16646	3691	Rock Shaft Knee Arm.....
16647	----	Rock Shaft Knee Arm complete, Nos. 2766, 2767 and 16646.....
2766	3691	Rock Shaft Knee Arm Hub with 356C.....
356C	3694	" " " " Set Screw.....
2767	3691	" " " " Plate with 356C.....
356C	3694	" " " " Set Screw.....
6337	3691	" " Lifting Bracket with two 356C..
6338	3691	" " " " Hook.....
356C	3694	" " " " Set Screw.....
356C	3694	" " " " Set Screw.....
2770	3691	" " Stop Dog with 356C.....

## KNEE LIFTER PARTS

No.	Plate	Name
356C	3694	Rock Shaft Stop Dog Set Screw.....
16129	3691	Rock Shaft complete, Nos. 2764, 6337, 6338, 7124, 16128, 16647 and two 2770.....
6691	----	Knee Lifter complete, Nos. 802D, 6692, 6703, 16129 and 16130.....
16154	----	Knee Lifter complete, for Machine on Base, Nos. 802D, 6692, 7898, 16129 and 16130....

## MACHINE BASE

No.	Plate	Name
16031	3693	Machine Base with four each 121E and wood screws 1 1/4 in. No. 12.....
121E	3694	Machine Screw, to secure machine to base..

## THREAD LUBRICATOR

No.	Plate	Name
16247	3691	Arm Side Cover (front).....
16248	3691	Arm Side Cover (front) with Thread Lubricator complete, Nos. 16247 and 62829...
*62818	----	Thread Lubricator Bracket.....
62819	3694	" " Oil Pad (felt).....
*62820	----	" " " " Holder.....
*62821	----	" " " " " 62820 with 62823.....
62822	----	Thread Lubricator Oil Pad Holder 62821 with 62819, 62824 and 62827.....
*62823	----	Thread Lubricator Oil Pad Holder Oil Tube.
62824	3694	" " " " Retainer.....
*62830	----	" " " " Reservoir.....
17822	3694	" " " " Rivet.....
8068	3694	" " " " " Wash-er (inside).....
124371	3694	Thread Lubricator Oil Reservoir Rivet Washer (outside).....
62827	----	Thread Lubricator Oil Wick (braided cotton)
62828	----	Thread Lubricator complete, Nos. 8068, 17822, 62818, 62822, 62830 and 124371.....
62829	3691	Thread Lubricator 62828 with 1529E, 50222J and two 21202.....
50222J	3694	Thread Lubricator Screw.....
21202	3694	" " " " Friction Washer...
1529E	3694	" " " " Nut.....





## BALL BEARING ROLLER PRESSERS WITH RATCHET BRAKE

	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"
Diameter of Roller	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"
Face of Roller	1/8"	9/64"	3/16"	7/32"	7/32"	7/32"	7/32"	7/32"
Knurl of Roller	coarse	fine	fine	coarse	medium	fine	coarse	coarse
Roller complete	51892	51906	51922	51915	51921	51913	51904	51904
Roller Arm	65095	65095	65125	65095	65095	65095	65095	65095
Roller Arm Adjusting Screw	440F	440F	440F	440F	440F	440F	440F	440F
Roller Arm Adjusting Screw Nut	1547J	1547J	1547J	1547J	1547J	1547J	1547J	1547J
Roller Arm Bracket	4282	4282	4282	4282	4282	4282	4282	4282
Roller Arm Lock Spring	2205	2205	2205	2205	2205	2205	2205	2205
Roller Arm Lock Spring Screw	176J	176J	176J	176J	176J	176J	176J	176J
Roller Arm Lock Spring Screw Nut	1549J	1549J	1549J	1549J	1549J	1549J	1549J	1549J
Roller Arm Screw Center	316F	316F	316F	316F	316F	316F	316F	316F
Roller Arm Screw Center Nut	1547J	1547J	1547J	1547J	1547J	1547J	1547J	1547J
Roller Ball	16232	16232	16232	16232	16232	16232	16232	16232
Roller Ball Retaining Nut	1766C	1766C	1766C	1766C	1766C	1766C	1766C	1766C
Roller Ratchet Spring Stop	62853	62853	62853	62853	62853	62853	62853	62853
Roller Ratchet Spring Stop Bracket	62851	62851	62851	62851	62851	62851	62851	62851
Roller Ratchet Spring Stop Bracket complete	62854	62854	62854	62854	62854	62854	62854	62854
Roller Ratchet Spring Stop Bracket Screw	230F	230F	230F	230F	230F	230F	230F	230F
Roller Ratchet Spring Stop Screw	665J	665J	665J	665J	665J	665J	665J	665J
Roller Screw	50653C	50653C	50653C	50653C	50653C	50653C	50653C	50653C
Roller Screw Nut	1528J	1528J	1528J	1528J	1528J	1528J	1528J	1528J
Roller Presser complete	65099	65100	65126	65101	65123	65097	16298	16298

## NUMERICAL LIST OF PARTS

No.	Plate	Name
35D	3686	Bobbin Winder Stop Latch Hinge Screw for 16272.....
58E	3685	Feed Regulator Hinge Screw.....
76F	3686	Thread Take-up Lever Hinge Screw for 16180
77F	3687	Presser Bar Lifter Hinge Screw.....
102J	3688	Shuttle Race Cap Screw for 16218.....
112E	3689	" Tension Spring Plate Screw for 4400L.....
121E	3694	Machine Base Screw, to secure machine to base, for 16031.....
144D	3687	Arm Shaft Screw.....
145E	3687	Crank Connecting Rod Cap Screw for 4292...
155C	3688	Needle Bar Connecting Stud Set Screw for 6487.....
156F	3685	Feed Rock Shaft Crank Position Screw.....
164D	3687	Arm Side Cover (front) Screw.....
175J	3687	Presser Bar Lifting Bracket Adjusting Screw for 16194.....
175J	3687	Presser Bar Lifting Bracket Guide Screw...
175J	3687	Tension Screw Stud Set Screw.....
176J	3689	Roller Arm Lock Spring Screw for 2196, 2197, 16099, 16100, 16225, 16226, 16228, 16233, 16236, 16258, 65041, 65047, 65086, 65097, 65099 to 65101, 65123 and 65126.....
190J	3688	Presser Foot Screw.....
190J	3688	Roller Presser Screw.....
207F	3685	Feed Rock Shaft Crank Set Screw for 6018..
219J	3686	Tension Thread Guard Screw.....
230F	3689	Roller Ratchet Spring Stop Bracket Screw for 16258, 65097, 65099 to 65101, 65123 and 65126.....
231C	3679	Feed Dog Screw.....
233J	3688	Needle Bar Thread Guide Screw.....
233J	3688	Thread Take-up Spring Regulator Plate Adjusting Screw.....
248A	3687	Clamp Stop Motion Clamp Stop Screw for 3022.....
256J	3687	Clamp Stop Motion Clamp Screw for 3022....
262J	3683	Pressure Regulating Thumb Screw.....
290E	3687	Needle Bar Screw Bushing.....
290E	3687	Presser Bar Screw Bushing.....
316F	3689	Roller Arm Screw Center for 2196, 2197, 15444, 16Q99, 16100, 16225, 16226, 16228, 16233, 16236, 65041, 65047 and 65086.....
335J	3688	Presser Bar Lifting Bracket Wearing Plate Screw for 16195.....

## NUMERICAL LIST OF PARTS

No.	Plate	Name
356C	3694	Rock Shaft Knee Arm Hub Set Screw for 2766
356C	3694	" " " Plate Set Screw for 2767..
356C	3694	" " Lifting Bracket Hook Set Screw for 6337.....
356C	3694	Rock Shaft Lifting Bracket Set Screw for 6337.....
356C	3694	Rock Shaft Stop Dog Set Screw for 2770...
375C	3685	Crank Connecting Rod Hinge Screw.....
375C	3685	Feed Connecting Link Hinge Screw.....
375C	3685	" Forked Connection Hinge Screw.....
377C	3688	Needle Bar Connecting Link Hinge Screw for 16220.....
386D	3689	Roller Screw for 1839,1869,1897 and 1898..
389F	3687	Cloth Plate Screw for 6478.....
398E	3689	Shuttle Main Spring Screw for 6053.....
399D	3680	Throat Plate Screw.....
418E	3694	Bobbin Winder Tension Screw Stud for 27308
440F	3689	Roller Arm Adjusting Screw for 2196, 2197, 16099,16100,16225,16226,16228,16233, 16236,16258,65041,65047,65086,65097, 65099 to 65101, 65123 and 65126.....
443C	3687	Arm Shaft Counterbalance Set Screw for 16266.....
446C	3685	Feed Cam Set Screw for 3032.....
446C	3685	Thread Take-up Cam Set Screw for 16270....
448C	3687	Arm Shaft Bushing Set Screw.....
448C	3687	Balance Wheel Set Screw for 16267.....
457K	3687	Presser Bar Lifting Bracket Set Screw for 16194.....
460C	3688	Oscillating Shaft Crank Set Screw for 6056
462C	3687	Clamp Stop Motion Flanged Bushing Set Screw for 4933.....
462C	3688	Oscillating Shaft Crank Set Screw for 6024
466C	3689	Shuttle Tension Regulating Screw for 44001
600C	3686	Tension Screw Stud for 16202.....
652D	3689	Roller Screw for 1841,1868 and 1923.....
665J	3689	" Ratchet Spring Stop Screw for 62854
725J	3687	Cloth Plate Slide Spring Screw for 6479...
725J	3687	Shuttle Race Cap Latch Screw for 6471.....
802D	3694	Lifting Lever Hinge Screw for 6691,6698 and 16154.....
808F	3688	Needle Clamp Screw for 4303.....
818D	3685	Feed Regulator Thumb Screw.....
1107C	3687	Cloth Plate Bracket Set Screw for 16143...
1253C	3686	Tension Releaser Collar Set Screw for 16240.....
1513J	3687	Oscillating Rock Shaft Hinge Pin Nut for 16212.....
1518J	3685	Crank Connecting Rod Hinge Screw Nut.....

## NUMERICAL LIST OF PARTS

No.	Plate	Name
1518J	3685	Feed Connecting Link Hinge Screw Nut.....
1518J	3685	" Forked Connection Hinge Screw Nut....
1518J	3688	Needle Bar Connecting Link Hinge Screw Nut for 16220.....
1528J	3689	Roller Screw Nut for 1839,1841,1868,1869, 1897,1898,1923,51832,51841,51849,51851, 51860,51892,51904,51906, 51913, 51915, 51921 and 51922.....
1529E	3694	Thread Lubricator Screw Nut for 62829.....
1547J	3689	Roller Arm Adjusting Screw Nut for 2196, 2197,16099,16100,16225,16226,16228, 16233,16236,16258,65041,65047,65086, 65097,65099 to 65101,65123 and 65126...
1547J	3689	Roller Arm Screw Center Nut for 2196,2197, 15444,16099,16100,16225,16226,16228, 16233,16236,65041,65047 and 65086.....
1549J	3689	Roller Arm Lock Spring Screw Nut for 2196, 2197,16099,16100,16225,16226,16228, 16233,16236,16258,65041,65047,65086, 65097,65099 to 65101,65123 and 65126...
1560C	3686	Tension Regulating Thumb Nut for 16202....
1562J	3694	Bobbin Winder Tension Regulating Thumb Nut for 27308.....
1620J	3686	Bobbin Winder Frame Hinge Screw Nut for 16272.....
1766C	3689	Roller Ball Retaining Nut for 51832,51841, 51849,51851,51860,51892,51904,51906, 51913,51915,51921 and 51922.....
1813	3688	Oscillating Shaft Crank Roller and Stud for 6024 and 6056.....
1819	3686	Thread Take-up Lever Roller and Stud for 6474.....
1839	3681	Roller, 1 1/4 in. diam., 9/64 in. face, coarse, with 386D and 1528J, for 16099.
1841	3681	Roller, 7/8 in. diam., 9/64 in. face, fine with 652D and 1528J, for 2197.....
1868	3681	Roller, 7/8 in. diam., 9/64 in. face, coarse, with 652D and 1528J, for 2196..
1869	3682	Roller, 1 1/4 in. diam., 9/64 in. face, fine, with 386D and 1528J, for 16100...
1897	3682	Roller, 1 1/4 in. diam., 3/16 in. face, coarse, with 386D and 1528J, for 16225.
1898	3682	Roller, 1 1/4 in. diam., 3/16 in. face, fine, with 386D and 1528J, for 16226...
1923	3681	Roller, 1 1/4 in. diam., 1/8 in. face, coarse, with 652D and 1528J, for 16228.
2020	3687	Clamp Stop Motion Clamp Washer for 3022...
2022	3687	" " " Flanged Bushing Pin.....
2049	3688	Oscillating Shaft Crank Pin.....

## NUMERICAL LIST OF PARTS

No.	Plate	Name
2049	3688	Shuttle Driver and Feed Lifting Cam Pin...
2070	3688	Presser Bar Spring Washer.....
2073	3689	Shuttle Bobbin for 6028.....
*2075	----	" Cover for 44001.....
2076	3689	" " Hinge Pin for 6028.....
2078	3689	" Delivery Eye Thread Guard for 44001.....
2080	3689	Shuttle Delivery Eye Thread Guard Rivet for 44001.....
2082	3689	Shuttle Main Spring for 6058.....
2084	3689	" " " Steady Pin for 6058...
2086	3689	" Tension Spring for 44001.....
2090	3689	" " " Plate for 44001....
2102	3686	Tension Disc for 16204.....
2103	3686	" Spring for 16204.....
2106	3686	Bobbin Winder Tension Thread Guide for 27308.....
2106	3686	Thread Eyelet (front of arm).....
2180	3679	Presser Foot.....
2196	3681	Roller Presser complete, 7/8 in. coarse roller, Nos. 176J,44CF,1549J,1868,2203, 2205,2206,two 316F and three 1547J....
2197	3681	Roller Presser complete, 7/8 in. fine roller, Nos. 176J,44CF,1549J,1841,2203, 2205,2206, two 316F and three 1547J....
2203	3681	Roller Arm for 2196 and 2197.....
2205	3689	" Lock Spring for 2196,2197,16099 16100,16225,16226,16228,16233,16236, 16258,65041,65047,65086,65097,65099 to 65101,65123 and 65126.....
2206	3681	Roller Arm Bracket for 2196 and 2197.....
2211	3689	Shuttle Bobbin Retaining Spring for 6058..
2212	3689	" " " Rivet for 6058.....
2455.	3694	Bobbin Winder Tension Disc for 27308.....
2764	3691	Rock Shaft Hanger (back) with two wood screws 1 in. No. 10, for 16129.....
2766	3691	Rock Shaft Knee Arm Hub with 356C, for 16647.....
2767	3691	Rock Shaft Knee Plate with 356C, for 16647
2770	3691	" " Stop Dog with 356C, for 16129..
3005	3684	Arm Shaft Bushing.....
3012	3688	Thread Take-up Cam Pin.....
3022	----	Clamp Stop Motion complete, Nos. 248A,256J 2020 and 4933.....
*3023	----	Clamp Stop Motion Flanged Bushing for 4933
3032	3685	Feed Cam with 446C, for 16265.....
3033	3685	" Connecting Link.....
3037	3683	" Forked Connection.....

## NUMERICAL LIST OF PARTS

No.	Plate	Name
*3045	3688	Needle Bar Connecting Link for 16220.....
3054	3683	Presser Bar.....
3286	3685	Cloth Plate Slide Spring for 6479.....
4282	3681	Roller Arm Bracket for 16099,16100,16225, 16226,16228,16233,16236,16258,65041, 65047,65086,65097,65099 to 65101,65123 and 65126.....
4288	3684	Arm Side Cover (back).....
4292	3683	Crank Connecting Rod with two 145E.....
4302	3688	Needle Bar Thread Guide.....
4303	3688	" Clamp with 808F.....
4784	3687	Oscillating Rock Shaft Oil Pad for 6461...
4822	8400	Wrench for 1528,1547 and 1549 (Attachments and Accessories).....
4879	3692	Foot Lifter Chain Connecting Link for 4885
1881	3691	" " Treadle for 4885.....
4882	3692	" " " Shaft for 4885.....
4883	3692	" " " Spring for 4885.....
4884	3691	" " " Stand for 4885.....
4885	3691	Foot Lifter Treadle complete, for 4893, Nos. 4879,4891 to 4894 and two wood screws 1 in. No. 16.....
4933	3684	Clamp Stop Motion Flanged Bushing 3023 with two 462C, for 3022.....
5459	3683	Presser Bar Spring (light) .047 wire.....
6018	3685	Feed Rock Shaft Crank with 207F.....
6024	3694	Oscillating Shaft Crank with 1813 and two 462C.....
6028	3689	Shuttle (high point) complete, Nos. 2073, 2076,6058 and 44001.....
6055	3688	Machine Bolt Nut Washer (Attachments and Accessories).....
*6056	----	Oscillating Shaft Crank with 460C and 1813
*6058	----	Shuttle Body with 398E, 2082, 2084, 2211 and two 2212, for 6028.....
6337	3691	Rock Shaft Lifting Bracket with two 356C, for 16129.....
6338	3691	Rock Shaft Lifting Bracket Hook for 16129.
6439	----	Feed Lifter Chain, 36 in. to 45 in. with 56864 and 56865, for 6698.....
6458	3679	Feed Dog Carrier.....
6459	3685	" Regulator.....
6460	3690	" Rock Shaft.....
*6461	3684	Oscillating Rock Shaft with 4784, for 16176
6462	3690	" Shaft.....
6464	3683	Presser Bar Lifter.....
6465	3687	" " " Hinge Screw Friction Washer.....
6466	----	Presser Bar Spring (medium) .055 wire....

## NUMERICAL LIST OF PARTS

No.	Plate	Name
6467	----	Presser Bar Spring (heavy) .063 wire.....
6469	3683	" " Lifting Bracket Guide.....
6470	3688	Shuttle Driver and Feed Lifting Cam.....
6471	3684	Shuttle Race Cap complete, for 16218, Nos. 6472, 6800 and two 725J.....
6472	3684	Shuttle Race Cap Latch for 6471.....
*6474	3686	Thread Take-up Lever with 1819, for 16180.
6477	3686	" " Spring Regulator Plate.....
6478	----	Cloth Plate with Bracket complete, Nos. 6479, 16143 and two 389F.....
6479	3690	Cloth Plate complete, for 6478, Nos. 3286, 16032, 16034 and two 725J.....
6487	3688	Needle Bar Connecting Stud with 155C, for 16220.....
6489	3683	Oscillating Rock Shaft Hinge Pin for 16212
6492	3680	Throat Plate (fluted) large needle hole, for 16078.....
6691	----	Knee Lifter complete, Nos. 802D, 6692, 6703, 16129 and 16130.....
6692	3691	Lifting Lever for 6691, 6698 and 16154....
6698	----	Foot Lifter complete, Nos. 802D, 4885, 6439, 6692 and 16130.....
6703	3691	Pitman, length 14 1/8 in., for 6691.....
6768	3686	Thread Take-up Spring.....
6800	3684	Shuttle Race Cap for 6471.....
7124	3691	Rock Shaft for 16129.....
7393	3686	Tension Releaser Collar Pin for 16240.....
7898	3691	Pitman, length 19 in., for 16154.....
8068	3694	Thread Lubricator Oil Reservoir Rivet Washer (inside) for 62828.....
8879	3687	Arm Spool Pin Washer (cloth).....
8908	8400	Wrench for 1520 (Attachments and Accessories).....
8909	8400	Wrench for 1513, 1516 and 51581 (Attachments and Accessories).....
10141	3694	Bobbin Winder Tension Spring for 27308....
11241	3692	" " Spool Washer (cloth) for 27308.....
12403	3687	Arm Spool Pin and Thread Eyelet.....
*15404	----	Trade Mark for 16263.....
15405	----	" Rivet for 16263.....
15444	----	Roller Arm Screw Center 316F with 1547J, for 16258, 65097, 65099 to 65101, 65123 and 65126.....
16022	3686	Tension Thread Guard.....
16031	3693	Machine Base with four each 121E and wood screws 1 1/4 in. No. 12.....
16032	3690	Cloth Plate for 6479.....
16034	3690	" " Slide for 6479.....

## NUMERICAL LIST OF PARTS

No.	Plate	Name
16036	3684	Cylinder Side Cover.....
16045	3685	" Oil Tube, for oiling Oscillating Shaft.....
16077	3693	Drip Pan.....
16078	3680	Feed Dog, 10 teeth (16 teeth to the inch) for 6492, 16096, 16097 and 16131.....
16094	3679	Feed Dog, 10 teeth (16 teeth to the inch) for 16095.....
16095	3679	Throat Plate (fluted) for size No. 16 needle, to locate close to the side nearest the feedway, for 16094, 16107 and 16172.....
16096	3680	Throat Plate (not fluted) for size No. 18 needle, to locate close to the side nearest the feedway, for 16078.....
16097	3680	Throat Plate (fluted) small needle hole, for 16078.....
16098	3681	Roller Arm for 16099, 16100, 16225, 16226 and 16228.....
16099	3681	Roller Presser complete, 1 1/4 in. coarse roller, Nos. 176J, 440F, 1549J, 1839, 2205, 4282, 16098, two 316F and three 1547J....
16100	3682	Roller Presser complete, 1 1/4 in. fine roller, Nos. 176J, 440F, 1549J, 1869, 2205, 4282, 16098, two 316F and three 1547J....
16102	3684	Arm Side Cover (front).....
16107	3679	Feed Dog, 10 teeth (16 teeth to the inch) for 16095.....
16108	3679	Feed Dog, 10 teeth (16 teeth to the inch) for 16109 and 16110.....
16109	3679	Throat Plate (fluted) large needle hole, for 16108.....
16110	3679	Throat Plate (fluted) small needle hole, for 16108.....
16128	3691	Rock Shaft Hanger (front) with two wood screws 1 in. No. 10, for 16129.....
16129	3691	Rock Shaft complete, for 6691 and 16154, Nos. 2764, 6337, 6338, 7124, 16128, 16647 and two 2770.....
16130	3691	Lifting Lever Spring for 6691, 6698 and 16154.....
16131	3680	Throat Plate (fluted) for size No. 18 needle, to locate close to the side nearest the feedway, for 16078.....
16143	3690	Cloth Plate Bracket with 1107C, for 6478..
16154	----	Knee Lifter complete, for Machine on Base, Nos. 802D, 6692, 7898, 16129 and 16130....
16171	3684	Shuttle Race for 16218.....

No.	Plate	Name
16172	3679	Feed Dog, 13 teeth (22 teeth to the inch) for 16095.....
16176	----	Oscillating Rock Shaft complete, Nos. 6461 and 16212.....
16180	----	Thread Take-up Lever 6474 with 76F.....
16194	3683	Presser Bar Lifting Bracket with 175J and two 457K, for 16195.....
16195	3683	Presser Bar Lifting Bracket 16194 with 16196 and two 335J.....
16196	3683	Presser Bar Lifting Bracket Wearing Plate for 16195.....
16202	----	Tension Screw Stud 600C with 1560C, for 16204.....
16204	----	Tension complete, Nos. 2103, 16202 and two 2102.....
16212	----	Oscillating Rock Shaft Hinge Pin 6489 with 1513J, for 16176.....
16218	----	Shuttle Race 16171 with 6471 and two 102J.....
16220	----	Needle Bar Connecting Link 3045 with 377C, 1518J and 6487.....
16225	3682	Roller Presser complete, 1 1/4 in. coarse roller, Nos. 176J, 440F, 1549J, 1897, 2205, 4282, 16098, two 316F and three 1547J...
16226	3682	Roller Presser complete, 1 1/4 in. fine roller, Nos. 176J, 440F, 1549J, 1898, 2205, 4282, 16098, two 316F and three 1547J...
16228	3681	Roller Presser complete, 1 1/4 in. coarse roller, Nos. 176J, 440F, 1549J, 1923, 2205, 4282, 16098, two 316F and three 1547J...
16230	3682	Roller Arm for 16233, 16236, 65041, 65047 and 65086.....
16232	3689	Roller Ball for 51832, 51841, 51849, 51851, 51860, 51892, 51904, 51906, 51913, 51915, 51921 and 51922.....
16233	3695	Roller Presser (ball bearing) complete, 1 1/4 in. roller, 7/32 in. face, Nos. 176J, 440F, 1549J, 2205, 4282, 16230, 51832, two 316F and three 1547J.....
16236	3682	Roller Presser (ball bearing) complete, 1 1/4 in. coarse roller, Nos. 176J, 440F, 1549J, 2205, 4282, 16230, 51841, two 316F and three 1547J.....
16240	3686	Tension Releaser Collar with 7393 and two 1253C.....
16247	3691	Arm Side Cover (front) for 16248.....
16248	3691	" " " " with Thread Lubricator complete, Nos. 16247 and 62829...

No.	Plate	Name
16258	3697	Roller Presser (ball bearing) complete, 1 1/4 in. grooved roller, with ratchet brake, Nos. 176J, 230F, 440F, 1547J, 1549J, 2205, 4282, 51904, 62854, 65095 and two 15444.....
*16263	----	Arm and Cylinder with 15404 and two 15405.....
16264	3690	" Shaft for 16265.....
*16265	----	" " 16264 with 3032, 16266 and 16269.....
16266	3684	" " Counterbalance with 443C, for 16265.....
16267	3690	Balance Wheel (disc) for Power Table, 2 3/4 in. pulley with two 448C.....
16268	3683	Needle Bar (hollow).....
*16269	----	Thread Take-up Cam for 16265 and 16270....
16270	3692	" " 16269 with 446C.....
16271	3692	Bobbin Winder Base for 16272.....
16272	----	" " for 16273, Nos. 35D, 1620J, 16271, 27305, 27321, 27322, 27326, 27541, 50356D and two wood screws 1 in. No. 7..
16273	----	Bobbin Winder (swinging automatic, left hand) complete, Nos. 16272 and 27308...
16278	3690	Balance Wheel (disc) for Stand, 3 in. pulley, for Clamp Stop Motion.....
16279	3686	Tension Releaser.....
16646	3691	Rock Shaft Knee Arm for 16647.....
16647	----	Rock Shaft Knee Arm complete for 16129, Nos. 2766, 2767 and 16646.....
17822	3694	Thread Lubricator Oil Reservoir Rivet for 62828.....
21202	3694	Thread Lubricator Screw Friction Washer for 62829.....
26026	8400	Screw Driver, machine (Attachments and Accessories).....
26485	8400	Screw Driver, shuttle tension (Attachments and Accessories).....
27305	3692	Bobbin Winder Spindle for 16272.....
27306	3692	" " Spool Pin for 27308.....
27307	3692	" " Stand for 27308.....
27308	3692	Bobbin Winder Spool Stand complete, for 16273, Nos. 418E, 1562J, 2106, 10141, 11241, 27306, 27307 and two each 2455 and wood screws 1 in. No. 10.....
27321	3692	Bobbin Winder Frame for 16272.....
27322	3694	" " Spring for 16272.....
27326	3694	" " Stop Latch for 16272.....
27541	3692	" " Pulley for 16272.....
*44001	----	Shuttle Cover 2075 with 112E, 466C, 2078, 2080, 2086 and 2090, for 6028.....
50037J	3688	Shuttle Race Screw.....

## NUMERICAL LIST OF PARTS

No.	Plate	Name
50116K	3686	Tension Releaser Screw.....
50222J	3694	Thread Lubricator Screw for 62829.....
50356D	3686	Bobbin Winder Frame Hinge Screw for 16272.
50553C	3689	Roller Screw for 51832,51841,51849,51851, 51860,51892,51904,51906,51913,51915, 51921 and 51922.....
51072E	3688	Machine Bolt with 51581E, to secure ma- chine to table (Attachments and Acces- sories).....
51224D	3687	Arm Side Cover (back) Thumb Screw.....
51224D	3687	Cylinder Side Cover Thumb Screw.....
51581E	3688	Machine Bolt Nut for 51072.....
51832	3695	Roller, 1 1/4 in. diam., 7/32 in. face, coarse, (ball bearing) complete, for 16233, Nos. 1528J,1766C,50553C and twenty-four 16232.....
51841	3682	Roller, 1 1/4 in. diam., 5/32 in. face, coarse, (ball bearing) complete, for 16236, Nos. 1528J,1766C,50553C and twenty-four 16232.....
51849	3695	Roller, 1 1/4 in. diam., 3/16 in. face, coarse, (ball bearing) complete, for 65066, Nos. 1528J,1766C,50553C and twenty-four 16232.....
51851	3695	Roller, 1 1/4 in. diam., 3/16 in. face, fine, (ball bearing) complete, for 65047, Nos. 1528J, 1766C,50553C and twenty-four 16232.....
51860	3695	Roller, 1 1/4 in. diam., 7/32 in. face, coarse, (ball bearing) complete, for 65041, Nos. 1528J,1766C,50553C and twenty-four 16232.....
51892	3696	Roller, 1 1/4 in. diam., 1/8 in. face, coarse, (ball bearing) with ratchet hub complete, for 65099, Nos. 1528J,1766C, 50553C and twenty-four 16232.....
51904	3697	Roller, 1 1/4 in. diam., 7/32 in. face, grooved, coarse (ball bearing) with ratchet hub complete, for 16258, Nos. 1528J,1766C, 50553C and twenty-four 16232.....
51906	3696	Roller, 1 1/4 in. diam., 9/64 in. face, fine (ball bearing) with ratchet hub complete, for 65100, Nos. 1528J,1766C, 50553C and twenty-four 16232.....
51913	3697	Roller, 1 1/4 in. diam., 7/32 in. face, fine (ball bearing) with ratchet hub complete, for 65097, Nos. 1528J, 1766C, 50553C and twenty-four 16232.....

## NUMERICAL LIST OF PARTS

No.	Plate	Name
51915	3696	Roller, 1 1/4 in. diam., 7/32 in. face, coarse (ball bearing) with ratchet hub complete, for 65101, Nos. 1528J, 1766C, 50553C and twenty-four 16232.....
51921	3697	Roller, 1 1/4 in. diam., 7/32 in. face, medium (ball bearing) with ratchet hub complete, for 65123, Nos. 1528J,1766C, 50553C and twenty-four 16232.....
51922	3696	Roller, 1 1/4 in. diam., 3/16 in. face, fine (ball bearing) with ratchet hub complete, for 65126, Nos. 1528J, 1766C, 50553C and twenty-four 16232.....
56864	3692	Chain Hook (large) for 6439.....
56865	3692	" " (small) for 6439.....
*62818	----	Thread Lubricator Bracket for 62828.....
62819	3694	" " Oil Pad (felt) for 62822
*62820	----	" " " " Holder for 62821
*62821	----	" " " " " " 62820 with 62823, for 62822.....
62822	----	Thread Lubricator Oil Pad Holder 62821 with 62819,62824 and 62827, for 62828..
*62823	----	Thread Lubricator Oil Pad Holder Oil Tube for 62821.....
62824	3694	Thread Lubricator Oil Pad Retainer for 62822.....
62827	----	Thread Lubricator Oil Wick(braided cotton) for 62822.....
62828	----	Thread Lubricator complete,for 62829, Nos. 8068,17822,62818,62822,62830 and 124371
62829	3691	Thread Lubricator 62828 with 1529E, 50222J and two 21202, for 16248.....
*62830	----	Thread Lubricator Oil Reservoir for 62828.
62851	3689	Roller Ratchet Spring Stop Bracket for 62854.....
62853	3689	Roller Ratchet Spring Stop for 62854.....
62854	----	" " " " Bracket 62851 with 665J and 62853, for 16258, 65097, 65099 to 65101,65123 and 65126.....
65041	3695	Roller Presser (ball bearing) complete, 1 1/4 in. coarse roller, Nos. 176J,440F 1549J,2205,4282,16230,51860, two 316F and three 1547J.....
65047	3695	Roller Presser (ball bearing) complete, 1 1/4 in. fine roller, Nos. 176J, 440F, 1549J,2205,4282,16230,51851, two 316F and three 1547J.....
65086	3695	Roller Presser (ball bearing) complete, 1 1/4 in. coarse roller, Nos. 176J,440F 1549J,2205,4282,16230, 51849, two 316F and three 1547J.....

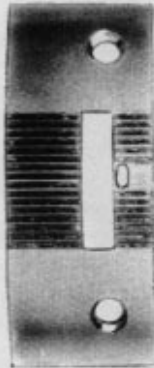
## NUMERICAL LIST OF PARTS

No.	Plate	Name
65095	3696	Roller Arm for 16258,65097,65099 to 65101 and 65123.....
65097	3697	Roller Presser (ball bearing) complete, 1 1/4 in. fine roller, with ratchet brake, Nos. 176J,23CF,44CF,1547J,1549J, 2205,4282,51913,62854, 65095 and two 15444.....
65099	3696	Roller Presser (ball bearing) complete, 1 1/4 in. coarse roller, with ratchet brake, Nos. 176J,23CF,44CF,1547J,1549J, 2205,4282,51892,62854,65095 and two 15444.....
65100	3696	Roller Presser (ball bearing) complete, 1 1/4 in. fine roller, with ratchet brake, Nos. 176J, 23CF,44CF,1547J,1549J 2205,4282,51906,62854,65095 and two 15444.....
65101	3696	Roller Presser (ball bearing) complete, 1 1/4 in. coarse roller, with ratchet brake, Nos. 176J,23CF,44CF,1547J,1549J, 2205,4282,51915,62854,65095 and two 15444.....
65123	3697	Roller Presser (ball bearing) complete, 1 1/4 in. medium roller, with ratchet brake, Nos. 176J,23CF,44CF,1547J,1549J, 2205,4282,51921,62854,65095 and two 15444.....
65125	3696	Roller Arm for 65126.....
65126	3696	Roller Presser (ball bearing) complete, 1 1/4 in. fine roller, with ratchet brake, Nos. 176J,23CF,44CF,1547J,1549J, 2205,4282,51922,62854,65125 and two 15444.....
120342	8400	Oiler (copper plated) with 120343 (Attachments and Accessories).....
120343	8400	Oiler Spout, 3 1/2 in. long, for 120342...
124371	3694	Thread Lubricator Oil Reservoir Rivet Washer (outside) for 62828.....

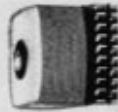


PLATE 3679—FULL SIZE

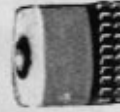
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16094



16107



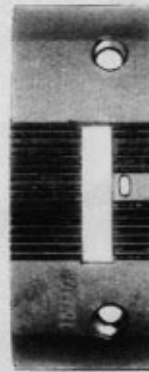
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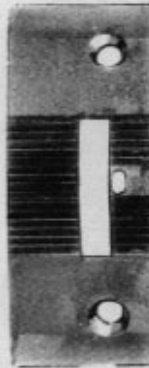
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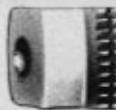
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16109



16108

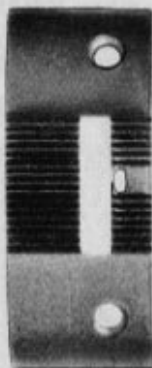


6458

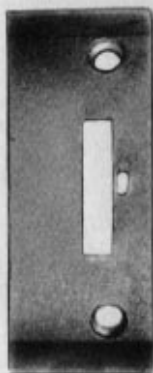


PLATE 3680—FULL SIZE

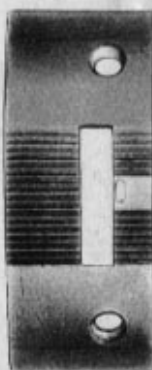
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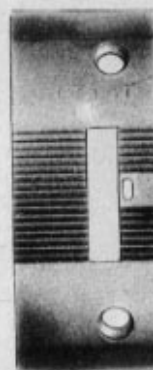
16096



16097



16131



16078



399



PLATE 3681—FULL SIZE

2196



2206

2203

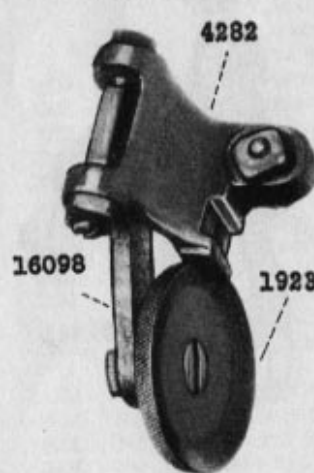
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2197



1841

16228



4282

16098

1923

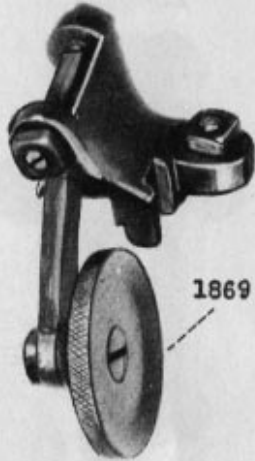
16099



1839

PLATE 3682—FULL SIZE

16100



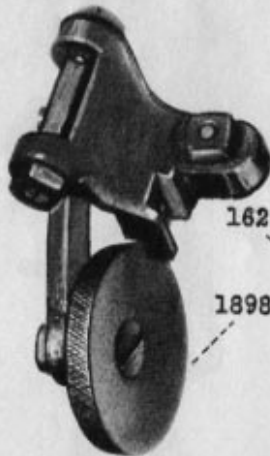
1869

16225



1897

16226



16230

1898

16236



51841

PLATE 3683—ONE-HALF SIZE

4292



3037



3054



16268



6489



5459



6464



16195



6469



262



16196



PLATE 3684—ONE-HALF SIZE

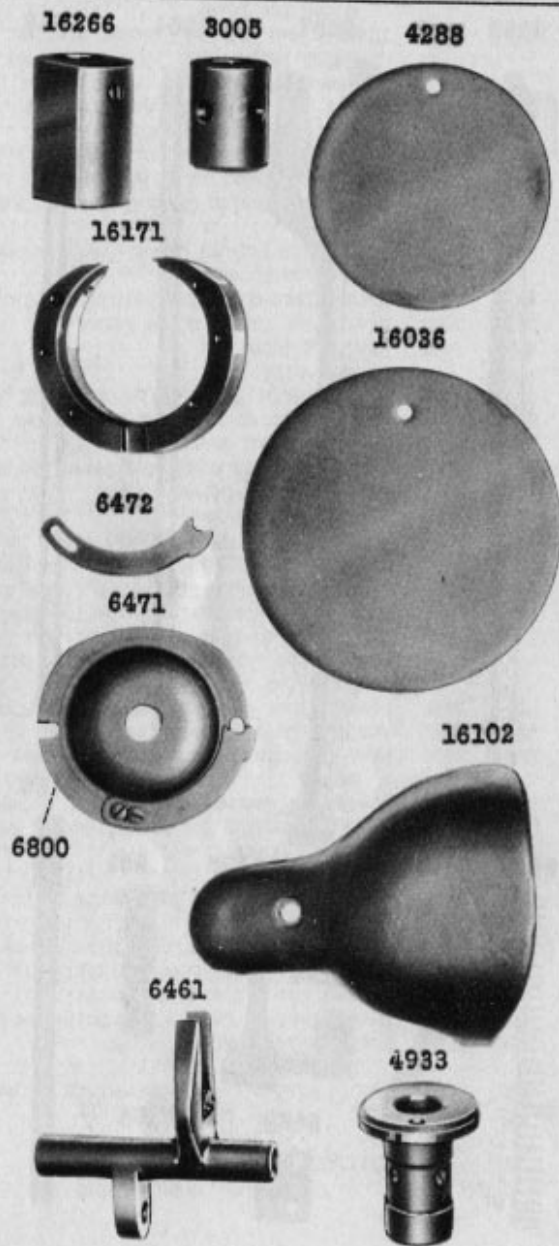


PLATE 3685—FULL SIZE

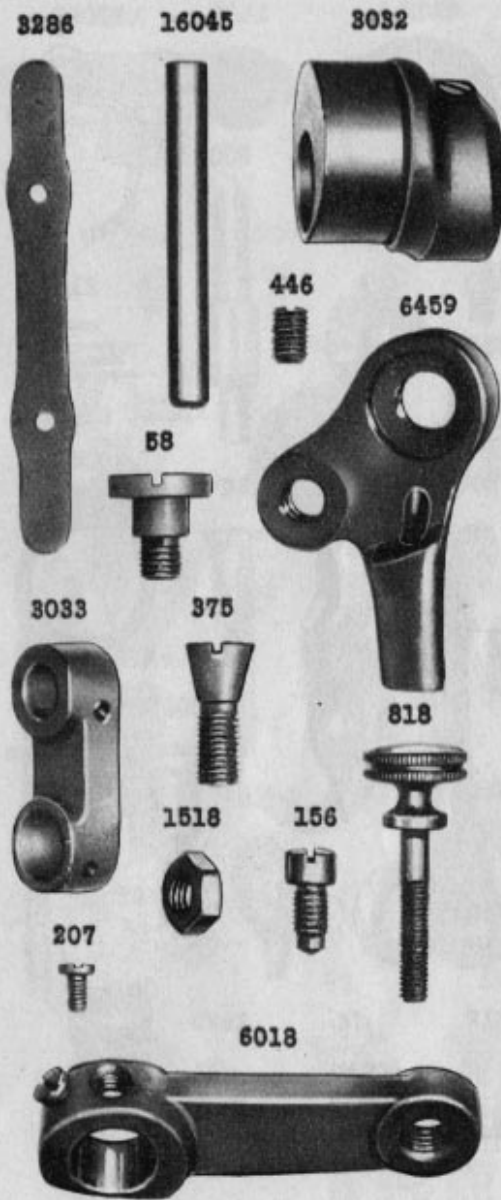


PLATE 3686—FULL SIZE



PLATE 3687—FULL SIZE

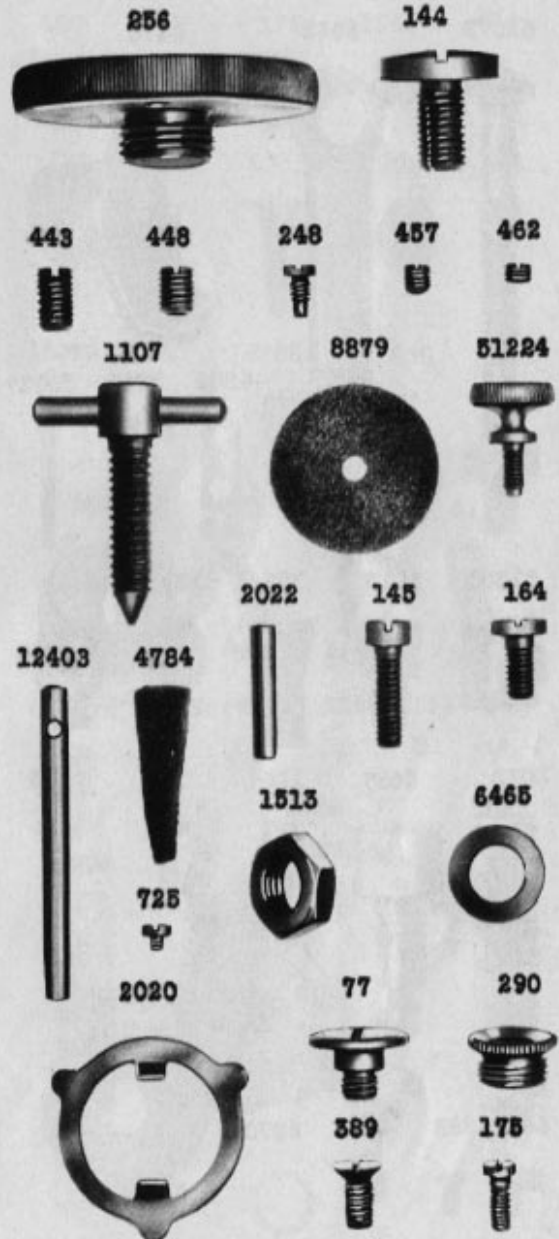


PLATE 3688—FULL SIZE

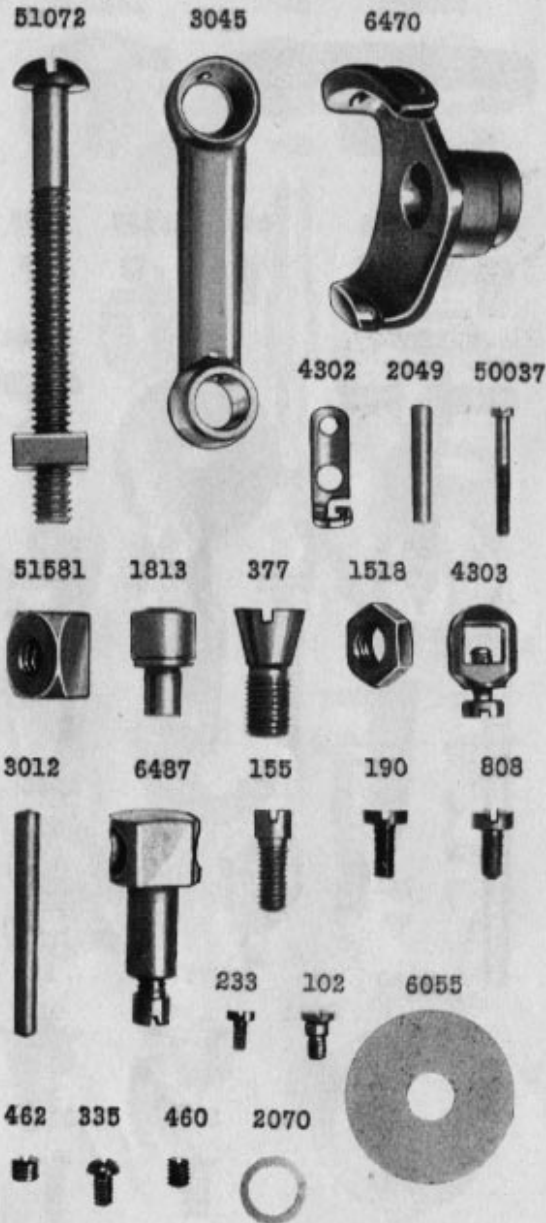


PLATE 3689—FULL SIZE

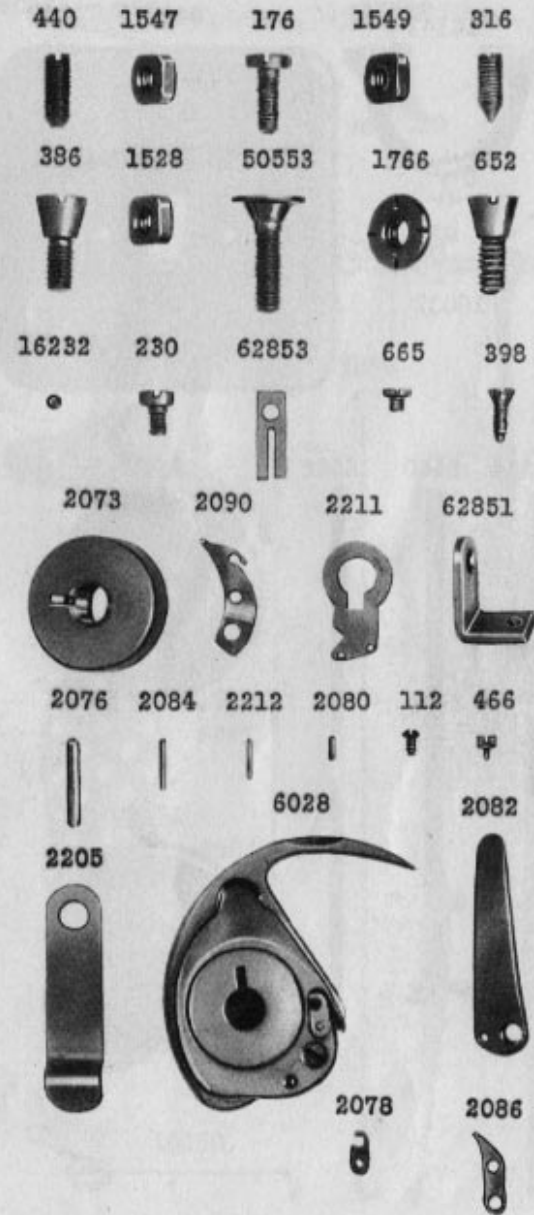


PLATE 3690—ONE-FOURTH SIZE

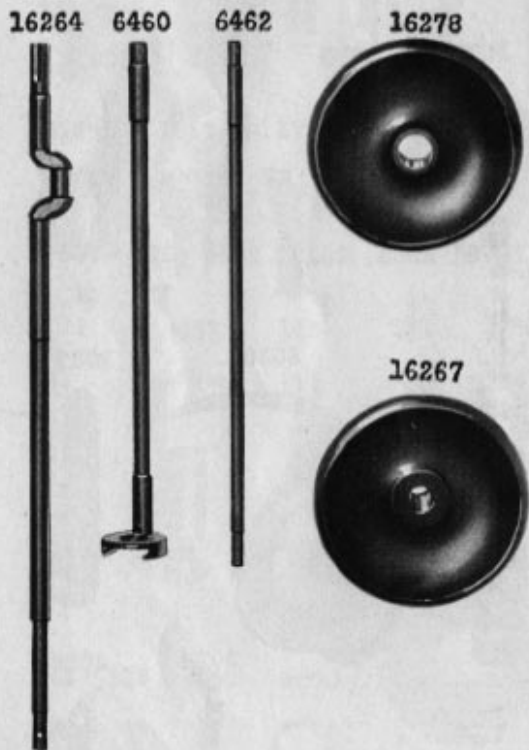
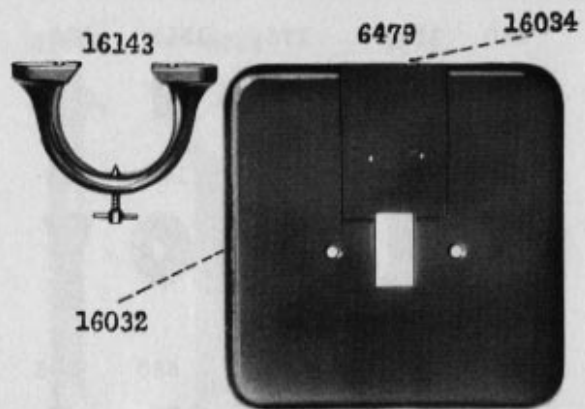


PLATE 3691—ONE-FOURTH SIZE

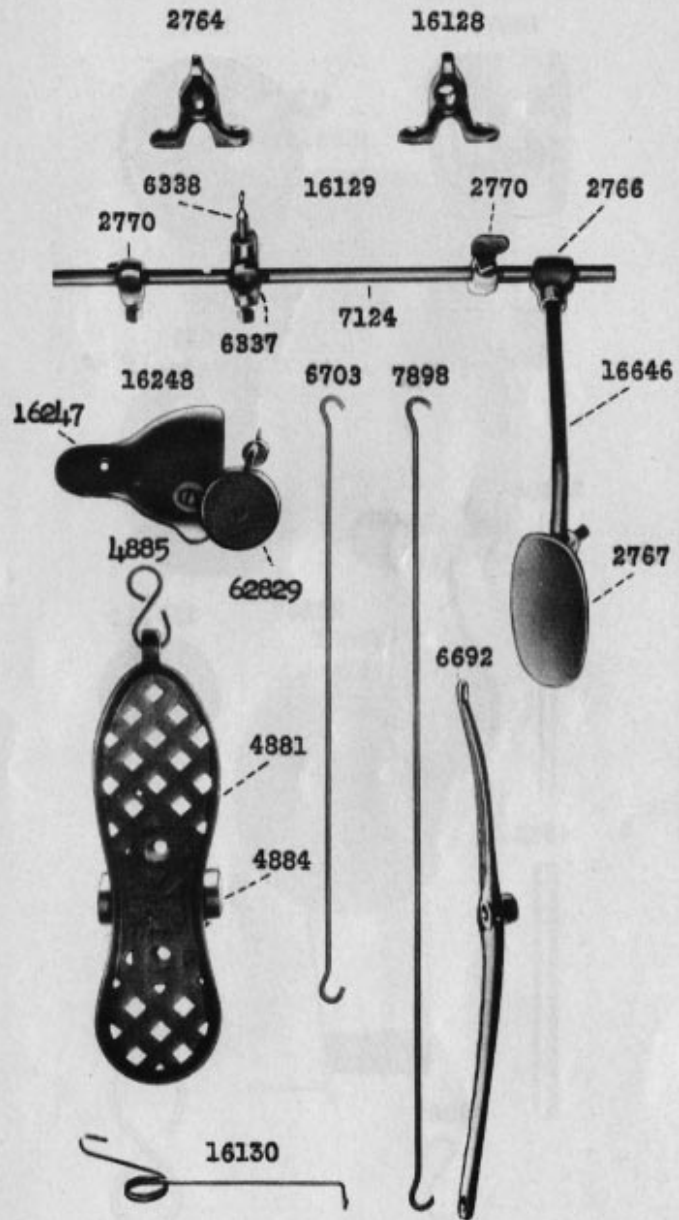


PLATE 3692—ONE-HALF SIZE

16270



16271



27321



27541



27305



27308



27507

27306

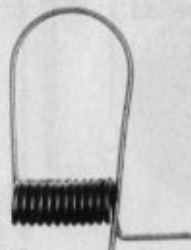
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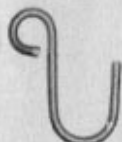
4882



4883



56864



4879

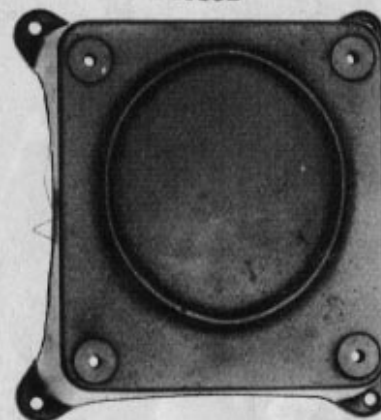


56865



PLATE 3693—ONE-FOURTH SIZE

16031



16077





PLATE 3694—FULL SIZE

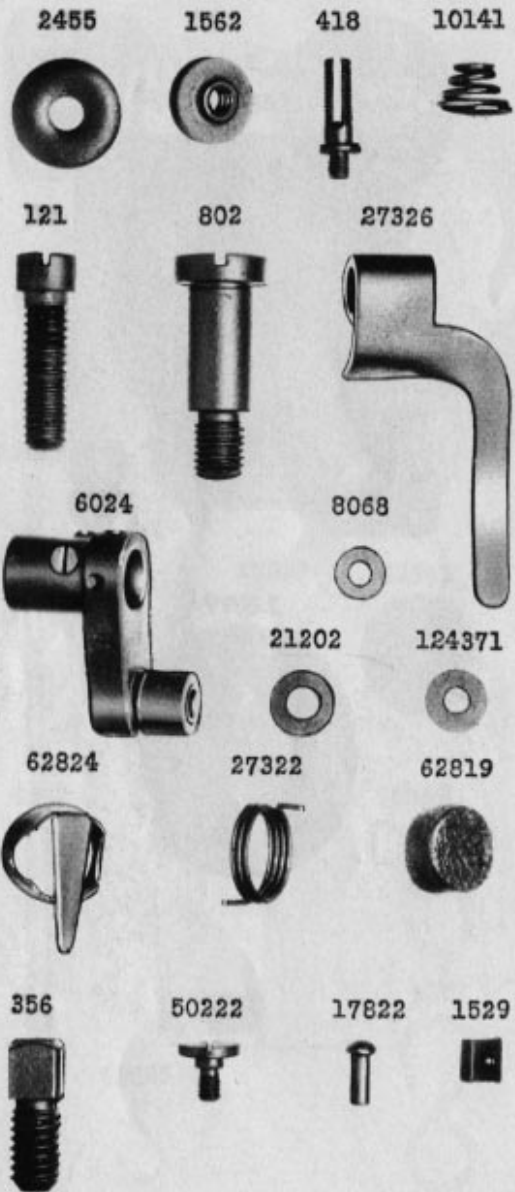


PLATE 3695—FULL SIZE

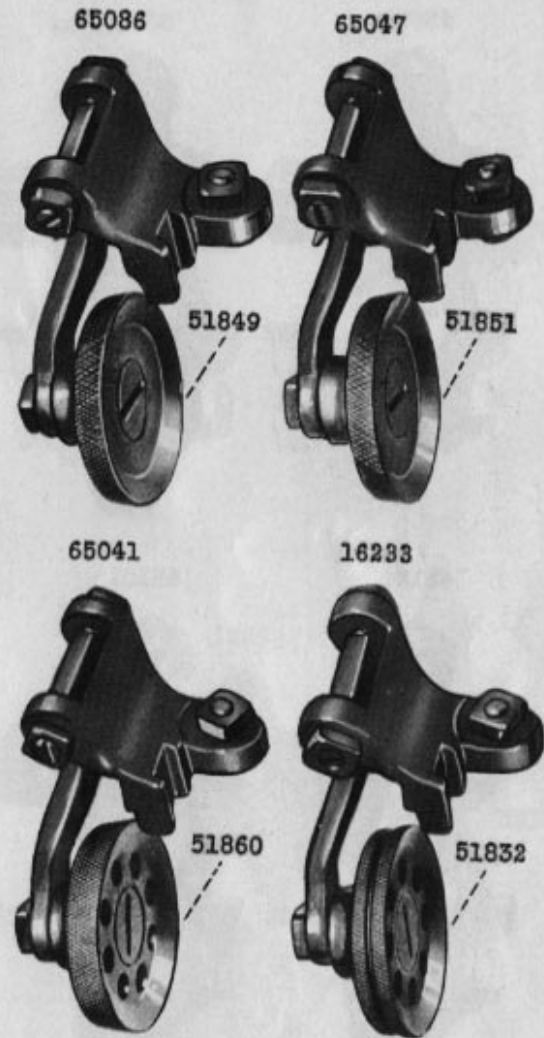


PLATE 3696—FULL SIZE

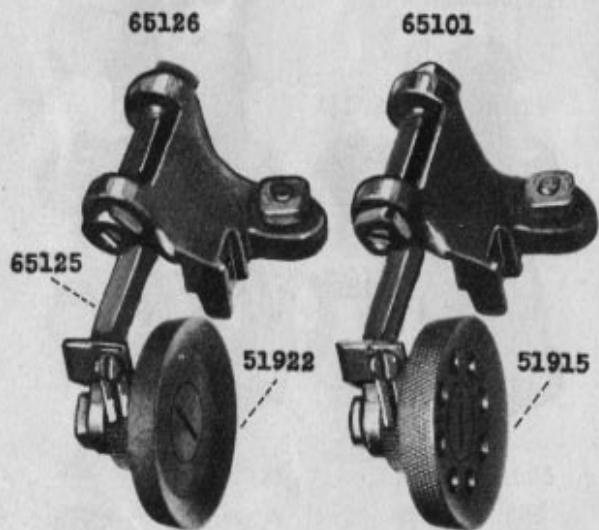
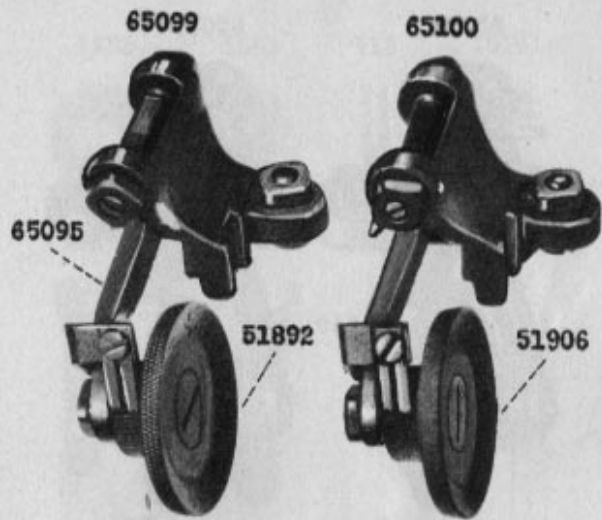


PLATE 3697—FULL SIZE

