

FORM 18083
JULY, 1925
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LIST OF PARTS



MACHINE No. 117-2

THE SINGER MANUFACTURING COMPANY

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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 and Plated.
- B. Polished and Plated.
- C. Hardened only.
- D. Polished only.
- E. Soft, not Polished.
- F. Hardened and Polished.
- G.
- H. Blued.
- J. Plated only.
- K. Hardened and Plated.
- L. Brass or Gilt.
- M. Oxidized.
- P. Japanned.
- R. Parkerized.
- T. Copper-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 and 50001 to 51500 are Screw Numbers.

1501 to 1800 are Nut Numbers.

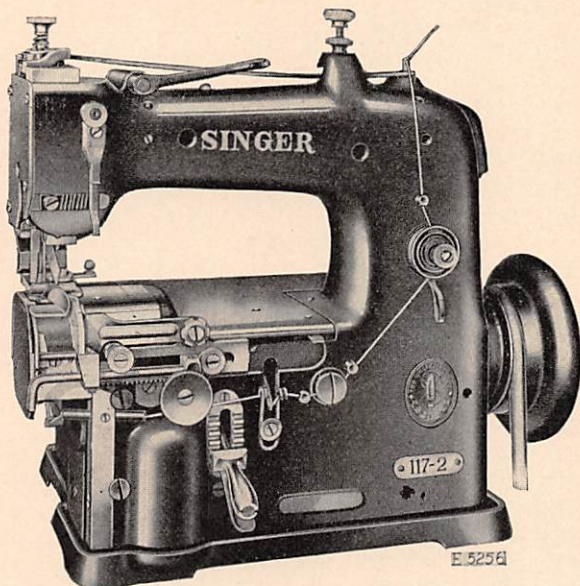
1801 to 2000 are Roller Numbers.

2001 to 50000 and 52001 and upward are numbers of Machine 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. 117-2

FOR STITCHING STRAW HATS WITH A CONCEALED STITCH. ONE NEEDLE, ONE HOOK-EYE NEEDLE, POSITIVE SET FOR REGULATION OF LENGTH OF STITCH. LENGTH OF STITCH $\frac{3}{16}$ TO $\frac{5}{8}$ IN. THE MACHINE IS FITTED WITH A HINGED COVER TO THROW BACK FOR THE CONVENIENCE OF REACHING THE LOWER PARTS OF THE MACHINE.

SUPERSEDES 117-1 MACHINE
FORMERLY 117 S. V. 2 MACHINE

NO.	PLATE	NAME
*64765	—	Arm, upper and lower (solid) with 64772, two each 50012c, 64773 and four 50128E
64751	8475	Arm End Cover (back).....
219D	8494	“ “ “ “ Screw.....
64766	8475	“ “ “ (front).....
330D	8495	“ “ “ “ Screw.....

NO.	PLATE	NAME
56003	8484	Arm Oil Tube with 29599.....
29599	8493	" " " Packing (felt).....
65914	8475	" Rotary Shaft.....
64505	8476	" " " Bushing (front).....
453c	8494	" " " " " S e t
		Screw.....
65915	8476	Arm Rotary Shaft Bushing (intermediate, eccentric).....
443c	8494	Arm Rotary Shaft Bushing (intermediate, eccentric) Set Screw.....
32152	8476	Arm Rotary Shaft Collar with two 889c.
889c	8494	" " " " Set Screw.....
64507.	8475	" " " Flanged Bushing
		(back) with 64508.....
159F	8473	Arm Rotary Shaft Flanged Bushing
		(back) Screw.....
64508	8482	Arm Rotary Shaft Flanged Bushing Oil
		Pad (braided cotton).....
64509.	8475	Arm Side Cover.....
219D	8494	" " " Screw.....
64510	8475	Balance Wheel, 3 in. pulley, with two 448c
448c	8494	" " Set Screw.....
64768	8475	Face Plate.....
219D	8494	" " Screw.....
64769	8475	Feed Bar.....
64770	8482	" " Carrier with 453c.....
64516	8482	" " " Hinge Pin.....
64517	8476	" " " " " Bushing....
446c	8494	" " " " " " Set
		Screw.....
453c	8494	Feed Bar Carrier Hinge Pin Set Screw...
64771	8476	" " " Washer.....
64772	8498	" " Cover.....
64773	8476	" " " Hinge Plate.....
50128E	8494	" " " " " Screw.....
50012c	8495	" " " " " Screw.....
64774	8476	" " " Latch.....
92D	8495	" " " " " Hinge Screw.....
64775	8476	" " " " " Spring.....
217D	8494	" " " " " Screw.....
64776	8476	" " Hinge Stud.....
1467c	8494	" " " " " Cap Screw.....
1520R	8495	" " " " " Nut.....
19021	8476	" " " " " Washer.....
64521	8476	" " Lifting Link with 624c.....
1021D	8473	" " " " " Cap Screw.....
64777	8476	" " " " " Guide.....

NO.	PLATE	NAME
171E	8473	Feed Bar Lifting Link Guide Screw.....
64523	8476	" " " " Hinge Stud.....
624C	8494	" " " " " " Set Screw.....
64778	8477	Feed Dog.....
64779	8477	" "
64780	8477	" " with 64531.....
64781	8477	" " " two 64531.....
65916	8480	" " for silk ribbons.....
64783	8481	" " " edge stitching.....
64784	8476	" " Carrier.....
64785	8476	" " " Friction Spring.....
64786	8476	" " " " " Washer
50382C	8473	" " " Regulating Screw.....
996C	8473	" " " Screw.....
50383C	8495	" " Screw.....
64531	8477	" " Spur.....
64787	8476	" Eccentric with two 453c.....
453C	8494	" " Set Screw.....
64788	8490	" Forked Connection with two each 50623E, 50624E and 64791.....
64789	8483	Feed Forked Connection Hinge Stud....
64790	8483	" " " " " Bush- ing (eccentric).....
1467C	8494	Feed Forked Connection Hinge Stud Cap Screw.....
1517E	8495	Feed Forked Connection Hinge Stud Nut
64791	8483	" " " Wearing Plate
50623E	8494	" " " " " "
		Screw (long).....
50624E	8494	Feed Forked Connection Wearing Plate Screw (short).....
64533	8483	Feed Lifting Eccentric with two 453c....
64792	8483	" " " Connection with 64535 and two 896E.....
*64535	—	Feed Lifting Eccentric Connection Cap
896E	8494	" " " " " "
		Screw.....
64536	8483	Feed Lifting Eccentric Connection Stud
64537	8483	" " " " " "
		Bushing.....
446C	8494	Feed Lifting Eccentric Connection Stud Bushing Set Screw.....
453C	8494	Feed Lifting Eccentric Set Screw.....
64793	8482	" Regulator with 1253c, 2049 and 65801.....
64794	8483	Feed Regulator Connecting Link.....

NO.	PLATE	NAME
65886	—	Looper Carrier Frame complete, Nos. 193D, 208D, 337D, 874F, 64550 to 64554, 64668, 64670, 64671, 64674, 65804 to 65806, 65820, 65835, 65868 and two each 175E and 64675.....
64616	8484	Looper Carrier Frame Connecting Link..
65807	8484	" " " Cushion (rawhide)
64635	8482	" " " Spring (flat).....
65808	8485	" " " " Lifting Lever.....
2273	8485	Looper Carrier Frame Spring Lifting Lever Pin.....
64720	8485	Looper Carrier Frame Spring Lifting Lever Shaft.....
65809	8485	Looper Carrier Frame Spring Lifting Lever Shaft Crank with 457c.....
457c	8494	Looper Carrier Frame Spring Lifting Lever Shaft Crank Set Screw.....
65810	8485	Looper Carrier Frame Spring Lifting Lever Shaft Crank Spring.....
175E	8473	Looper Carrier Frame Spring Lifting Lever Shaft Crank Spring Screw.....
65811	8485	Looper Carrier Frame Spring Position Plate.....
217D	8494	Looper Carrier Frame Spring Position Plate Screw.....
65812	8485	Looper Carrier Frame Spring Steady Pin
64553	8485	" " Guide.....
193D	8473	" " " Screw.....
64554	8485	" " Hinge Stud.....
453C	8494	" " " " Set Screw....
65813	8485	" Eccentric.....
65814	8485	" " Body with 448c and two 129E.....
129E	8494	Looper Eccentric Body Set Screw.....
65815	8485	" " Connection with 453c, 1012c and 64558.....
1012C	8495	Looper Eccentric Connection Adjusting Screw.....
64558	8485	Looper Eccentric Connection Gib.....
64559	8485	" " " Pin.....
453C	8494	" " " " Set Screw.....
64560	8485	Looper Eccentric Pin.....
448C	8494	" " " Set Screw.....
65816	8482	Looper Rock Shaft.....
64562	8486	" " " Bushing (back).....

NO.	PLATE	NAME
430C	8494	Looper Rock Shaft Bushing (back) Set Screw.....
64710	8486	Looper Rock Shaft Bushing (front).....
435C	8494	" " " " " S e t Screw.....
64563	8486	Looper Rock Shaft Collar with 1133c....
1133C	8494	" " " " Set Screw.....
65817	8482	" " " Connecting Rod with 65818 and two 896E.....
*65818	—	Looper Rock Shaft Connecting Rod Cap
896E	8494	" " " " " " Screw.....
64566	8486	Looper Rock Shaft Connecting Rod Hinge Stud.....
453C	8494	Looper Rock Shaft Connecting Rod Hinge Stud Set Screw.....
65819	8486	Looper Rock Shaft Crank (back) with 160E and 453c.....
160E	8473	Looper Rock Shaft Crank (back) Clamping Screw.....
65820	8486	Looper Rock Shaft Crank (front) with 453c.....
2049	8483	Looper Rock Shaft Crank (front) Pin ...
453C	8494	" " " " " Set Screw
874F	8473	" Screw.....
65821	8486	Needle Bar with 1259c.....
65822	—	Needle Bar complete, Nos. 65821 and 65833.....
64570	8486	Needle Bar Connecting Link.....
65823	8486	" " " " Slide Block
64573	8482	" " Driving Lever.....
65887	—	Needle Bar Driving Lever complete, Nos. 49174, 50258E, 64573, 64734, 65823 and two 1607E.....
50258E	8473	Needle Bar Driving Lever Adjusting Screw.....
1607E	8495	Needle Bar Driving Lever Adjusting Screw Nut.....
64574	8486	Needle Bar Driving Lever Hinge Stud with 1230F.....
1230F	8494	Needle Bar Driving Lever Hinge Stud Oil Hole Plug Screw.....
446C	8494	Needle Bar Driving Lever Hinge Stud Set Screw.....
49174	8493	Needle Bar Driving Lever Lubricating Wick.....

NO.	PLATE	NAME
64734	8493	Needle Bar Driving Lever Lubricating Wick Retaining Pin.....
65824	8486	Needle Bar Eccentric with two 453c.....
64576	8487	" " " Connection with 64577 and two 896E.....
*64577	—	Needle Bar Eccentric Connection Cap
896E	8494	" " " " " " Screw.....
453c	8494	Needle Bar Eccentric Set Screw.....
64579	8482	" " Guide.....
1029F	8494	" " " Adjusting Screw.....
129D	8473	" " " Screw.....
*65825	—	Needle Bar Regulating Pitman, Nos. 64582, 64586, 64587 and 65827.....
65826	8487	Needle Bar Regulating Pitman complete, Nos. 64588, 65825 and two 5923.....
*65827	—	Needle Bar Regulating Pitman (lower)
*64582	—	" " " " (upper)
64554	8485	" " " " " " Hinge Stud.....
446c	8494	Needle Bar Regulating Pitman (upper) Hinge Stud Set Screw.....
65828	8487	Needle Bar Regulating Pitman Bell Crank with 448c.....
65829	—	Needle Bar Regulating Pitman Bell Crank complete, Nos. 65828, two 50627c and four each 50438D and 65830
50627c	8495	Needle Bar Regulating Pitman Bell Crank Ball Screw Stud.....
65830	8487	Needle Bar Regulating Pitman Bell Crank Ball Screw Stud Bearing.....
50438D	8494	Needle Bar Regulating Pitman Bell Crank Ball Screw Stud Bearing Position Screw.....
65831	8487	Needle Bar Regulating Pitman Bell Crank Connecting Link.....
64554	8485	Needle Bar Regulating Pitman Bell Crank Connecting Link Hinge Stud..
448c	8494	Needle Bar Regulating Pitman Bell Crank Connecting Link Hinge Stud Set Screw.....
64585	8487	Needle Bar Regulating Pitman Bell Crank Hinge Pin.....
448c	8494	Needle Bar Regulating Pitman Bell Crank Hinge Pin Set Screw.....
*64586	—	Needle Bar Regulating Pitman Connecting Pin.....

NO.	PLATE	NAME
64587	8487	Needle Bar Regulating Pitman Connect- ing Pin Rivet.....
64588	8487	Needle Bar Regulating Pitman Spring...
5923	8487	" " " " " Pin
64589	8482	" " " Shaft.....
64590	8487	" " " " Bushing (back).....
446c	8494	Needle Bar Regulating Shaft Bushing (back) Set Screw.....
64517	8476	Needle Bar Regulating Shaft Bushing (front).....
446c	8494	Needle Bar Regulating Shaft Bushing (front) Set Screw.....
24833	8487	Needle Bar Regulating Shaft Collar with 1019c.....
1019c	8494	Needle Bar Regulating Shaft Collar Set Screw.....
64591	8488	Needle Bar Regulating Shaft Crank (back) with three 448c.....
448c	8494	Needle Bar Regulating Shaft Crank (back) Set Screw.....
64592	8488	Needle Bar Regulating Shaft Crank (front) with two 448c.....
64593	8488	Needle Bar Regulating Shaft Crank (front) Connection with 50380c.....
212b	8494	Needle Bar Regulating Shaft Crank (front) Connection Cap Screw.....
64594	8488	Needle Bar Regulating Shaft Crank (front) Connection Hinge Stud.....
50380c	8494	Needle Bar Regulating Shaft Crank (front) Connection Hinge Stud Set Screw
448c	8494	Needle Bar Regulating Shaft Crank (front) Set Screw.....
65832	8488	Needle Clamp.....
65833	—	Needle Clamp complete, Nos. 208b, 50385c, 50429c, 50558c, 64758 to 64760, 64762, 64764, 65832, 65834 and 65836.....
50429c	8494	Needle Clamp Adjusting Screw.....
64764	—	" " Gib (.015 in. thick).....
64758	8488	" " " (.035 in. thick).....
64759	—	" " " (.055 in. thick).....
64760	—	" " " (.070 in. thick).....
65834	8488	" " Plate.....
50558c	8495	" " Screw.....
64762	8488	" " " Retainer.....
1259c	8494	" " Set Screw.....

NO.	PLATE	NAME
65835	8488	Needle Guard.....
175E	8473	“ “ Screw.....
50385c	8494	“ Stop Screw.....
65836	8488	“ “ Bracket.....
208D	8494	“ “ “ Screw.....
65837	8489	Plait Guide (inside edge) Nos. 65839 and 65840.....
65838	8488	Plait Guide (inside edge) Lock Stud with 13090.....
50628J	8494	Plait Guide (inside edge) Lock Stud Cap Screw.....
13090	8488	Plait Guide (inside edge) Lock Stud Position Pin.....
1779J	8488	Plait Guide (inside edge) Lock Stud Thumb Nut.....
65839	—	Plait Guide (inside edge) Plate.....
65840	—	“ “ “ “ Rod.....
65841	8489	“ “ (lower) with 202D.....
1467D	8494	“ “ “ Adjusting Screw.....
64604	—	Plait Guide (stationary) Nos. 64605 and 64606.....
64605	8489	Plait Guide (stationary) Bracket with 465c.....
64606	8489	Plait Guide (stationary) Rod, for fine braid.....
65842	8489	Plait Guide (stationary) Rod, for medium braid.....
65843	8489	Plait Guide (stationary) Rod, for coarse braid.....
465c	8494	Plait Guide (stationary) Rod Set Screw for 64605.....
202D	8494	Plait Guide (stationary) Rod Set Screw for 65841.....
64607	8489	Plait Guide (upper).....
32262	8489	“ “ “ Friction Washer....
89J	8495	“ “ “ Hinge Screw.....
65844	8489	“ “ “ Holder with 54705...
64609	8489	“ “ “ Lock Stud.....
32240	8489	“ “ “ “ “ S p r i n g
50117J	8494	“ “ “ “ “ “
		Screw.....
208J	8494	Plait Guide (upper) Screw.....
54705	8489	“ “ “ Steady Pin.....
65845	—	Plait Guide complete, Nos. 89J, 208J, 1779J, 32240, 32262, 50117J, 50628J, 64607, 64609, 65837, 65838, 65841 and 65844.....

NO.	PLATE	NAME
65846	8499	Plait Guide Block.....
219D	8494	" " " Screw.....
19054	8489	" " Friction Washer.....
64614	8473	" " Regulating Pinion.....
50386F	8473	" " " " Screw....
50387F	8473	" " Screw.....
65847	8482	Presser Bar with 64664.....
64618	8488	" " Adjusting Pin.....
446C	8494	" " " " Set Screw....
65848	8488	" " Lifter (side of arm).....
64622	8488	" " " " " " Hinge Pin.....
64623	8488	Presser Bar Lifter (side of arm) Shaft
64624	8488	" " " " " "
		Crank with 735c.....
2269	8488	Presser Bar Lifter (side of arm) Shaft Crank Pin.....
735c	8494	Presser Bar Lifter (side of arm) Shaft Crank Set Screw.....
64625	8488	Presser Bar Lifter (side of arm) Spring
208D	8494	" " " " " "
		Screw.....
64626	8488	Presser Bar Lifter (side of arm) Stop Bracket.....
159D	8473	Presser Bar Lifter (side of arm) Stop Bracket Screw.....
64627	8490	Presser Bar Lifting Shaft.....
64628	8486	" " " " Bushing.....
453c	8494	" " " " " Set Screw
*65849	8491	" " " " Crank (back) with 446c and 448c.....
898c	8494	Presser Bar Lifting Shaft Crank (back) Adjusting Screw.....
*65850	8491	Presser Bar Lifting Shaft Crank (back) Connection with 446c.....
64631	8491	Presser Bar Lifting Shaft Crank (back) Extension with 453c.....
453c	8494	Presser Bar Lifting Shaft Crank (back) Extension Set Screw.....
446c	8494	Presser Bar Lifting Shaft Crank (back) Set Screw (long).....
448c	8494	Presser Bar Lifting Shaft Crank (back) Set Screw (short).....
65851	8491	Presser Bar Lifting Shaft Crank (front) with 1390E.....
1390E	8495	Presser Bar Lifting Shaft Crank (front) Set Screw.....

NO.	PLATE	NAME
65907	8491	Presser Bar Tipper.....
50649c	8494	“ “ “ Adjusting Screw.....
50629c	8494	“ “ “ Screw Stud.....
1712c	8495	“ “ “ “ “ Thumb Nut.....
65908	8491	Presser Bar Tipper Spring.....
64637	—	“ Foot Guide for 65858.....
64638	—	“ “ “ “ 65859.....
64639	—	“ “ “ “ 65860.....
64640	—	“ “ “ “ 65861.....
64641	—	“ “ “ “ 65862.....
64642	—	“ “ “ “ 65863.....
64643	—	“ “ “ “ 65864 and 65865.....
65917	—	“ “ “ “ 65920.....
64644	—	“ “ “ Adjusting Lever with 19045 and 19046.....
5480	8491	Presser Foot Guide Adjusting Lever Friction Washer.....
19045	8491	Presser Foot Guide Adjusting Lever Handle.....
19046	8491	Presser Foot Guide Adjusting Lever Pin.....
50388c	8473	“ “ “ “ “ Screw
65852	—	“ “ Plate for 65858.....
65853	—	“ “ “ “ 65859.....
65854	—	“ “ “ “ 65860.....
65855	—	“ “ “ “ 65861.....
64650	—	“ “ “ “ 65862.....
64651	—	“ “ “ “ 65863.....
64652	—	“ “ “ “ 65864.....
64653	—	“ “ “ “ 65865.....
64722	—	“ “ “ “ 65866.....
65918	—	“ “ “ “ 65920.....
1302D	8495	“ “ “ Screw for 65862 to 65866.....
1472D	8495	Presser Foot Plate Screw for 65858 to 65861 and 65920.....
65856	—	Presser Foot Shank for 65858 to 65861 and 65920.....
65857	—	Presser Foot Shank for 65862 to 65865...
65911	—	“ “ “ “ 65866.....
65858	8479	Presser Foot complete, Nos. 5480, 50388c, 64637, 64644, 65852, 65856 and two 1472D.....
65859	8479	Presser Foot complete, Nos. 5480, 50388c, 64638, 64644, 65853, 65856 and two 1472D.....

NO.	PLATE	NAME
65860	8478	Presser Foot complete, Nos. 5480, 50388c, 64639, 64644, 65854, 65856 and two 1472d.....
65861	8478	Presser Foot complete, Nos. 5480, 50388c, 64640, 64644, 65855, 65856 and two 1472d.....
65862	8478	Presser Foot complete, Nos. 5480, 50388c, 64641, 64644, 64650, 65857 and two 1302d.....
65863	8479	Presser Foot complete, Nos. 5480, 50388c, 64642, 64644, 64651, 65857 and two 1302d.....
65864	8478	Presser Foot complete, Nos. 5480, 50388c, 64643, 64644, 64652, 65857 and two 1302d.....
65865	8479	Presser Foot complete, Nos. 5480, 50388c, 64643, 64644, 64653, 65857 and two 1302d.....
65866	8481	Presser Foot complete for 64783, Nos. 64722, 65911 and two 1302d.....
65920	8480	Presser Foot complete for 65916, Nos. 5480, 50388c, 64644, 65856, 65917, 65918 and two 1472d.....
64664	8489	Presser Foot Position Pin.....
914F	8473	" " Screw.....
574J	8473	Pressure Regulating Thumb Screw.....
1539J	8495	" " " " Lock Nut.....
32191	8491	Tension Disc.....
1712C	8495	" Regulating Thumb Nut.....
32192	8491	" Regulator with 32193.....
32193	8491	" " Bushing.....
32194	8491	" " Friction Spring.....
32195	8491	" " Plate.....
393D	8495	" " " Screw.....
65867	8491	" Releasing Disc.....
54515	8491	" " Pin.....
50630C	8491	" Screw Stud.....
51808	8491	" " " Roller.....
133D	8494	" " " Set Screw.....
64754	8491	" Spring.....
22430	8491	" Thread Eyelet.....
65868	8492	Thread Carrier.....
64668	8492	" " Clamping Plate.....
64669	8492	" " " " Position Pin.....

NO.	PLATE	NAME
208D	8494	Thread Carrier Clamping Plate Screw...
64670	8492	" " Holder with 202D and 64669.....
202D	8494	Thread Carrier Holder Clamping Screw..
64671	8492	Thread Carrier Pitman complete, Nos. 1550J, 1682J, 52869, 52870 and 64673.
64672	8492	Thread Carrier Pitman Ball Stud (lower)
460C	8494	" " " " " "
		Set Screw
52863	8492	Thread Carrier Pitman Ball Stud (upper)
50311C	8494	" " " " " "
		Set Screw
*52864	—	Thread Carrier Pitman Cap (lower).....
208E	8494	" " " " " Screw
*52865	—	" " " " (upper).....
208E	8494	" " " " " Screw
*52866	—	" " " End Bearing (lower).....
*52867	—	Thread Carrier Pitman End Bearing (upper).....
64673	—	Thread Carrier Pitman Head (lower) Nos. 52864, 52866, 64672 and two 208E
52869	—	Thread Carrier Pitman Head (upper) Nos. 52863, 52865, 52867 and two 208E
52870	8492	Thread Carrier Pitman Rod.....
1682J	8492	" " " " Nut (lower)
1550J	8492	" " " " " (upper)
64674	8492	" " Rock Shaft with 460C....
64675	8492	" " " " Centre.....
456C	8494	" " " " " Set Screw
64677	8492	" Nipper Body.....
64678	8492	" " " Collar.....
156F	8473	" " " Screw.....
64679	8492	" " Connection with 64680 and two 896E.....
*64680	—	Thread Nipper Connection Cap.....
896E	8494	" " " " " Screw...
64681	8492	" " Eccentric with two 453C..
453C	8494	" " " Set Screw.....
64676	8492	" " Eyelet.....
65869	8490	" " Regulator and Tension Releaser.....
230J	8494	Thread Nipper Regulator and Tension Releaser Screw.....
50390F	8473	Thread Nipper Screw.....
1547J	8495	" " " Nut.....
64683	8492	" " Washer.....

NO.	PLATE	NAME
64684	8492	Thread Nipper Washer Spring.....
65870	8492	" Take-up (back).....
65871	8492	" " " Holder with 624c
65872	8492	" " " " Adjust- ing Plate with 51869.....
51869	8492	Thread Take-up (back) Holder Adjust- ing Plate Roller and Stud.....
898c	8494	Thread Take-up (back) Holder Adjust- ing Plate Screw.....
19044	8492	Thread Take-up (back) Holder Adjust- ing Plate Screw Washer.....
624c	8494	Thread Take-up (back) Set Screw.....
64697	8493	" " " Staple.....
1319J	8495	" " " " Screw.....
64698	8493	" " " " " Washer
65873	8493	" " (front).....
65874	8493	" " " Arm with 185D..
65875	8493	" " " " Connecting Link.....
836f	8495	Thread Take-up (front) Arm Connecting Link Hinge Screw.....
1184c	8495	Thread Take-up (front) Arm Hinge Screw
65876	8493	" " " " " Stud
457c	8494	" " " " " " " Set Screw.....
185D	8494	Thread Take-up (front) Clamping Screw.
64699	8493	" Tube.....
460c	8494	" " Set Screw.....
65877	8477	Throat Plate for 64778 to 64781.....
65921	8480	" " " 65916.....
65879	8481	" " " 64783.....
64701	8490	" " Holder.....
65880	—	" " " 64701 with 665D, 64703 to 64705, 64877 and two 211D..
65922	—	Throat Plate Holder 64701 with 665D, 64703 to 64705, 65921 and two 211D..
65882	—	Throat Plate Holder 64701 with 665D, 64704, 64705, 64728, 65879 and two 211D.....
64703	8490	Throat Plate Holder Cover for 65880 and 65922.....
64728	8490	Throat Plate Holder Cover for 65882....
64704	8493	" " " " Hinge Pin...
64705	8493	" " " " Spring.....
665D	8494	" " " " " Screw
180D	8473	" " " Screw.....
211D	8494	" " Screw.....

IRON BASE

NO.	PLATE	NAME
64706	8498	Machine Base with three wood screws 1¼ in. No. 14 and four each 935D, 42088 and 66707.....
64707	8496	Machine Base Oil Cup with 64708.....
64708	8496	" " " " Handle.....
42088	8474	" Cushion (felt).....
935E	8494	" " Screw.....
66707	8489	" " " Washer.....
50314J	8474	" Thumb Screw.....

ACCESSORIES

NO.	PLATE	NAME
120346	8496	Oiler (copper plated) with 120347.....
120347	8496	" Spout, 9 in. long.....
11831	8496	Screw Driver.....
120341	8496	Tweezers.....
8908	8496	Wrench for 1520.....
22003	8496	" " 1550 and 1682.....
23535	8496	" " 1547, 50388 and 50558.....
58844	8496	" " 1517, 1518, 1636 and 64790..

FOOT LIFTER PARTS

NO.	PLATE	NAME
13351	—	Chain, 46 in. to 55 in., with 56864 and 56865.....
NOTE: When ordering No. 13351 give length required.		
4879	8496	Chain Connecting Link.....
56864	8496	" Hook (large).....
56865	8493	" " (small).....
64631	8491	Presser Bar Lifting Shaft Crank (back) Extension with 453c.....
453c	8494	Presser Bar Lifting Shaft Crank (back) Extension Set Screw.....
17876	8498	Treadle with 443c.....
17881	8496	" Shaft.....
443c	8494	" " Set Screw.....
17882	8493	" Spring.....
17883	8498	" Stand.....
17884	8498	Treadle complete, Nos. 17876, 17881 to 17883 and two wood screws 1 in. No. 10.....
64709	—	Foot Lifter complete, Nos. 13351, 17884 and 64631.....

FOOT LIFTER CHAIN GUIDE

NO.	PLATE	NAME
65883	8496	Foot Lifter Chain Guide Bracket.....
2461	8493	“ “ “ “ Pulley.....
65884	8493	“ “ “ “ “ Pin.....
65885	—	Foot Lifter Chain Guide complete, Nos. 2461, 65883, 65884 and four wood screws 1 in. No. 10 R. H. B.....

TABLE SUPPORT PARTS

NO.	PLATE	NAME
41044	8498	Base with three wood screws 1¼ in. No. 14.....
41045	8498	Top with two wood screws 1¼ in. No. 14
41046	8498	Tube.....
1726P	8474	“ Lock Nut.....
41047	—	Table Support Tube complete, Nos. 1726P and 41044 to 41046.....

THREAD UNWINDER

FOR ONE SPOOL

NO.	PLATE	NAME
225389	3398	Spool Rest with 201018c.....
225388	3398	“ “ Rod.....
200383c	8493	“ “ “ Set Screw.....
201018c	8493	“ “ “ Set Screw.....
202490	3398	“ “ Stand with 200383c.....
225391	3398	Thread Guide.....
201696J	8493	“ “ Lock Nut.....
225392	3398	“ “ Rod with 208E and 225393
208E	8494	“ “ “ Screw.....
225393	8493	“ “ “ Washer.....
225394	3398	Thread Unwinder complete, Nos. 201696J, 202490, 225388, 225389, 225391, 225392 and three wood screws 7/8 in. No. 13.....
27739	7234	Thread Cone (wood) for large cone.....
225390	7234	“ “ “ Holder, for inverted cone.

NOTE: Nos. 27739 and 225390 are used with,
but not included in, 225394.

UNDER DRIVER

BALL BEARING, LEVER PRESSURE, RIGHT HAND, TWO SPEED

NO.	PLATE	NAME
202457	7068	Cone Pulley (grooved) two speed, $3\frac{3}{4}$ in. and $4\frac{1}{4}$ in. diam., with 227553.....
25362	7071	Cone Pulley Ball, size $\frac{3}{16}$ in.....
204100	7071	" " " Bearing Cup.....
204101	7071	" " " Cap.....
204102	7071	" " " Retaining Spring.....
227553	—	Cone Pulley Ball Cup complete, Nos. 204100 to 204102 and thirteen 25362..
202459	7068	Driving Pulley, $7\frac{1}{4}$ in. diam., with 202460 and 204105.....
202460	—	Driving Pulley Friction Ring (leather)..
204105	7071	" " " " Stop Pin..
227743	7069	" " Shaft (hollow) with 204109, 204110, 204112 and two 204111
202461	—	Driving Pulley Shaft 227743 with 204107, 204108 and eleven 25303.....
25303	7071	Driving Pulley Shaft Ball, size $\frac{1}{4}$ in....
204107	7071	" " " " Cup.....
204108	7071	" " " " Cap.....
204109	7072	" " " Oil Plug.....
204110	7072	" " " Oiling Leather.....
204111	7072	" " " " Pin (leather).....
204112	7072	Driving Pulley Shaft Oiling Wick.....
200524c	7071	" " " Set Screw.....
204113	7071	" " " Thimble.....
227734	7068	Frame with 200524c.....
227970	7068	Lever (compression) and Dress Guard with 204117, two each 200524c and 202845.....
227735	7069	Lever Brake with 200524c, 204122 and two 200374c.....
227736	—	Lever Brake 227735 with 200082b and 227737.....
227737	7069	Lever Brake Belt Guard.....
200082b	7071	" " " " Screw.....
204122	7072	" " Leather.....
200374c	7071	" " " Set Screw.....
200524c	7071	" " Set Screw.....
204867	7071	" " Spring.....
204117	7071	" Compression Plate.....
202845	7071	" " " Rivet.....

UNDER DRIVER

NO.	PLATE	NAME
202464	7069	Lever Compression Shaft with 202302...
202302	7072	" " " Cotter Pin....
200524c	7071	" " " Set Screw.....
27070	8497	Shaft Pulley (sectional, grooved) 10 in. diam., $1\frac{3}{16}$ in. bore, with two 597c....
597c	8474	Shaft Pulley Clamping Screw.....
126036	8497	Treadle.....
126037	—	" 126036 with 2718, 50581 and 126038.....
126205	8497	Treadle Bracket (left).....
126206	—	Treadle Bracket (left) complete, Nos. 23258, 126205, 126207, 126208 and two wood screws 1 in. No. 14.....
126207	8493	Treadle Bracket (left) Hook.....
126208	8493	" " " " Rivet.....
23258	8493	" " " " Friction Washer.....
46681	8497	Treadle Bracket (right).....
60502	—	Treadle Bracket (right) 46681 with two wood screws 1 in. No. 14.....
126038	8497	Treadle Extension.....
50581	8495	" " Screw.....
2718	8493	" " " Washer.....
27639	8497	" Pitman Rod (lower).....
27639	8497	" " " (upper).....
9079	8497	" " " Clamp with 354c...
354c	8474	" " " " Screw.....
60626	8497	Treadle Pitman complete, Nos. 9079 and two 27639.....
60858	8497	Treadle Pitman Hook.....
126211	—	Treadle complete, Nos. 60502, 126037 and 126206.....
126212	—	Treadle and Pitman complete, Nos. 60626, 60858 and 126211.....
227738	—	Transmitter complete, Nos. 202457, 202459, 202461, 202464, 204113, 204867, 227734, 227736, 227970 and three wood screws $1\frac{1}{4}$ in. No. 15.....
60286	—	Under Driver (ball bearing) lever pressure, right hand, two speed, complete, Nos. 27070, 126212 and 227738.....

NUMERICAL LIST OF PARTS
FOR
MACHINE No. 117-2

NUMERICAL LIST OF PARTS

NO.	PLATE	NAME
89J	8495	Plait Guide (upper) Hinge Screw for 65845
92D	8495	Feed Bar Cover Latch Hinge Screw.....
129E	8494	Looper Eccentric Body Set Screw for 65814
129D	8473	Needle Bar Guide Screw.....
133D	8494	Tension Screw Stud Set Screw.....
156F	8473	Thread Nipper Body Screw.....
159F	8473	Arm Rotary Shaft Flanged Bushing (back) Screw
159D	8473	Presser Bar Lifter (side of arm) Stop Bracket Screw.....
160E	8473	Looper Rock Shaft Crank (back) Clamping Screw for 65819.....
171E	8473	Feed Bar Lifting Link Guide Screw.....
175E	8473	Hook Guard Screw for 65886.....
175E	8473	Looper Carrier Frame Spring Lifting Lever Shaft Crank Spring Screw.....
175E	8473	Needle Guard Screw.....
180D	8473	Throat Plate Holder Screw.....
185D	8494	Thread Take-up (front) Clamping Screw for 65874.....
193D	8473	Looper Carrier Guide Screw for 65886...
202D	8494	Plait Guide (stationary) Rod Set Screw for 65841.....
202D	8494	Thread Carrier Holder Clamping Screw for 64670.....
208D	8494	Needle Stop Screw Bracket Screw for 65833.....
208J	8494	Plait Guide (upper) Screw for 65845....
208D	8494	Presser Bar Lifter (side of arm) Spring Screw.....
208D	8494	Thread Carrier Clamping Plate Screw for 65886
208E	8494	Thread Carrier Pitman Cap (lower) Screw for 64673.....
208E	8494	Thread Carrier Pitman Cap (upper) Screw for 52869.....
208E	8494	Thread Unwinder Thread Guide Rod Screw for 225392.....
211D	8494	Throat Plate Screw for 65880, 65882 and 65922.....

NO.	PLATE	NAME
212D	8494	Needle Bar Regulating Shaft Crank (front) Connection Cap Screw.....
217D	8494	Feed Bar Cover Latch Spring Screw....
217D	8494	Guide Screw for 65910.....
217D	8494	Looper Carrier Frame Spring Position Plate Screw.....
219D	8494	Arm End Cover (back) Screw.....
219D	8494	" Side Cover Screw.....
219D	8494	Face Plate Screw.....
219D	8494	Plait Guide Block Screw.....
228D	8494	Feed Regulator Handle Releasing Lever Hinge Pin Set Screw for 64798.....
230J	8494	Thread Nipper Regulator and Tension Releaser Screw.....
330D	8495	Arm End Cover (front) Screw.....
337D	8495	Looper Adjusting Screw for 65886.....
354C	8474	Under Driver Treadle Pitman Rod Clamp Screw for 9079.....
393D	8495	Tension Regulator Plate Screw.....
399J	8495	Feed Regulator Handle Position Plate Screw.....
430C	8494	Looper Rock Shaft Bushing (back) Set Screw.....
435C	8494	Looper Rock Shaft Bushing (front) Set Screw.....
443C	8494	Arm Rotary Shaft Bushing (intermediate, eccentric) Set Screw.....
443C	8494	Treadle Shaft Set Screw for 17876.....
446C	8494	Feed Bar Carrier Hinge Pin Bushing Set Screw.....
446C	8494	Feed Lifting Eccentric Connection Stud Bushings Set Screw.....
446C	8494	Feed Regulator Shaft Bushing Set Screw
446C	8494	Needle Bar Driving Lever Hinge Stud Set Screw.....
446C	8494	Needle Bar Regulating Pitman (upper) Hinge Stud Set Screw for 65850.....
446C	8494	Needle Bar Regulating Shaft Bushing (back) Set Screw.....
446C	8494	Needle Bar Regulating Shaft Bushing (front) Set Screw.....
446C	8494	Presser Bar Adjusting Pin Set Screw for 65850.....
446C	8494	Presser Bar Lifting Shaft Crank (back) Set Screw (long) for 65849.....
448C	8494	Balance Wheel Set Screw for 64510....
448C	8494	Looper Eccentric Pin Set Screw for 65814

NO.	PLATE	NAME
448c	8494	Needle Bar Regulating Pitman Bell Crank Connecting Link Hinge Stud Set Screw.....
448c	8494	Needle Bar Regulating Pitman Bell Crank Hinge Pin Set Screw for 65828.
448c	8494	Needle Bar Regulating Shaft Crank (back) Set Screw for 64591.....
448c	8494	Needle Bar Regulating Shaft Crank (front) Set Screw for 64592.....
448c	8494	Presser Bar Lifting Shaft Crank (back) Set Screw (short) for 65849.....
453c	8494	Arm Rotary Shaft Bushing (front) Set Screw.....
453c	8494	Feed Bar Carrier Hinge Pin Set Screw for 64770.....
453c	8494	Feed Eccentric Set Screw for 64787.....
453c	8494	" Lifting Eccentric Set Screw for 64533.....
453c	8494	Looper Carrier Hinge Stud Set Screw for 65806.....
453c	8494	Looper Eccentric Connection Pin Set Screw for 65815.....
453c	8494	Looper Rock Shaft Connecting Rod Hinge Stud Set Screw for 65819.....
453c	8494	Looper Rock Shaft Crank (front) Set Screw for 65820.....
453c	8494	Needle Bar Eccentric Set Screw for 65824
453c	8494	Presser Bar Lifting Shaft Bushing Set Screw.....
453c	8494	Presser Bar Lifting Shaft Crank (back) Extension Set Screw for 64631.....
453c	8494	Thread Nipper Eccentric Set Screw for 64681.....
456c	8494	Thread Carrier Rock Shaft Centre Set Screw for 65806.....
457c	8494	Looper Carrier Frame Spring Lifting Lever Shaft Crank Set Screw for 65809
457c	8494	Thread Take-up (front) Arm Hinge Stud Set Screw.....
460c	8494	Thread Carrier Pitman Ball Stud (lower) Set Screw for 64674.....
460c	8494	Thread Tube Set Screw.....
465c	8494	Plait Guide (stationary) Rod Set Screw for 64605.....
574j	8473	Pressure Regulating Thumb Screw.....
597c	8474	Under Driver Shaft Pulley Clamping Screw for 27070.....

NUMERICAL LIST OF PARTS

NO.	PLATE	NAME
624C	8494	Feed Bar Lifting Link Hinge Stud Set Screw for 64521.....
624C	8494	Thread Take-up (back) Set Screw for 65871.....
665D	8494	Throat Plate Holder Cover Spring Screw for 65880, 65882 and 65922.....
690D	8473	Feed Regulator Stop Screw.....
735C	8494	Presser Bar Lifter (side of arm) Shaft Crank Set Screw for 64624.....
836F	8495	Thread Take-up (front) Arm Connecting Link Hinge Screw.....
874F	8473	Looper Screw for 65886.....
889C	8494	Arm Rotary Shaft Collar Set Screw for 32152.....
896E	8494	Feed Lifting Eccentric Connection Cap Screw for 64792.....
896E	8494	Looper Rock Shaft Connecting Rod Cap Screw for 65817.....
896E	8494	Needle Bar Eccentric Connection Cap Screw for 64576.....
896E	8494	Thread Nipper Connection Cap Screw for 64679.....
898C	8494	Presser Bar Lifting Shaft Crank (back) Adjusting Screw.....
898C	8494	Thread Take-up (back) Holder Adjusting Plate Screw.....
914F	8473	Presser Foot Screw.....
935E	8494	Machine Cushion Screw for 64706.....
996C	8473	Feed Dog Carrier Screw.....
1012C	8495	Looper Eccentric Connection Adjusting Screw for 65815.....
1019C	8494	Needle Bar Regulating Shaft Collar Set Screw for 24833.....
1021D	8473	Feed Bar Lifting Link Cap Screw.....
1029D	8494	" Regulator Shaft Cap Screw.....
1029F	8494	Needle Bar Guide Adjusting Screw.....
1133C	8494	Looper Rock Shaft Collar Set Screw for 64563.....
1184C	8495	Thread Take-up (front) Arm Hinge Screw
1230F	8494	Needle Bar Driving Lever Hinge Stud Oil Hole Plug Screw for 64574.....
1253C	8494	Feed Regulator Handle Stud Set Screw for 64793.....
1259C	8494	Needle Clamp Set Screw for 65821.....
1302D	8495	Presser Foot Plate Screw for 65862 to 65866.....
1319J	8495	Thread Take-up (back) Staple Screw...

NUMERICAL LIST OF PARTS

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NO.	PLATE	NAME
1390E	8495	Presser Bar Lifting Shaft Crank (front) Set Screw for 65851.....
1467C	8494	Feed Bar Hinge Stud Cap Screw.....
1467C	8494	" Forked Connection Hinge Stud Cap Screw.....
1467D	8494	Plait Guide (lower) Adjusting Screw....
1472D	8495	Presser Foot Plate Screw for 65858 to 65861 and 65920.....
1517E	8495	Feed Forked Connection Hinge Stud Nut
1518E	8495	" Regulator Hinge Screw Nut.....
1520R	8495	" Bar Hinge Stud Nut.....
1539J	8495	Pressure Regulating Thumb Screw Lock Nut.....
1547J	8495	Thread Nipper Screw Nut.....
1550J	8492	" Carrier Pitman Rod Nut (upper) for 64671.....
1607E	8495	Needle Bar Driving Lever Adjusting Screw Nut for 65887.....
1627D	8495	Feed Regulator Stop Screw Nut.....
1636E	8495	" " Connecting Link Hinge Screw Nut.....
1682J	8492	Thread Carrier Pitman Rod Nut (lower) for 64671.....
1712C	8495	Presser Bar Tipper Screw Stud Thumb Nut.....
1712C	8495	Tension Regulating Thumb Nut.....
1726P	8474	Table Support Tube Lock Nut for 41047
1779J	8488	Plait Guide (inside edge) Lock Stud Thumb Nut for 65845.....
2049	8483	Feed Regulator Pin for 64793.....
2049	8483	Looper Rock Shaft Crank (front) Pin...
2269	8488	Presser Bar Lifter (side of arm) Shaft Crank Pin.....
2273	8485	Looper Carrier Frame Spring Lifting Lever Pin.....
2461	8493	Foot Lifter Chain Guide Pulley for 65885
2532	8483	Feed Regulator Handle Position Pin for 64800.....
2718	8493	Under Driver Treadle Extension Screw Washer for 126037.....
4879	8496	Chain Connecting Link for 17884.....
5480	8491	Presser Foot Guide Adjusting Lever Friction Washer for 65858 to 65865 and 65920.....
5923	8487	Needle Bar Regulating Pitman Spring Pin for 65826.....
8908	8496	Wrench for 1520 (Accessories).....

NUMERICAL LIST OF PARTS

NO.	PLATE	NAME
9079	8497	Under Driver Treadle Pitman Rod Clamp with 354c, for 60626.....
11831	8496	Screw Driver (Accessories).....
13090	8488	Plait Guide (inside edge) Lock Stud Position Pin for 65838.....
13351	—	Chain, 46 in. to 55 in., with 56864 and 56865, for 64709.....
17876	8498	Treadle with 443c, for 17884.....
Nos. 17881 to 17883 for 17884		
17881	8496	Treadle Shaft.....
17882	8493	“ Spring.....
17883	8498	“ Stand.....
17884	8498	Treadle complete for 64709, Nos. 17876, 17881 to 17883 and two wood screws 1 in. No. 10.....
19021	8476	Feed Bar Hinge Stud Nut Washer.....
19044	8492	Thread Take-up (back) Holder Adjusting Plate Screw Washer.....
19045	8491	Presser Foot Guide Adjusting Lever Handle for 64644.....
19046	8491	Presser Foot Guide Adjusting Lever Pin for 64644.....
19054	8489	Plait Guide Friction Washer.....
22003	8496	Wrench for 1550 and 1682 (Accessories).
22430	8491	Tension Thread Eyelet.....
23258	8493	Under Driver Treadle Bracket (left) Hook Friction Washer for 126206.....
23535	8496	Wrench for 1547, 50388 and 50558 (Accessories).....
24833	8487	Needle Bar Regulating Shaft Collar with 1019c.....
25303	7071	Under Driver Driving Pulley Shaft Ball, size $\frac{1}{4}$ in., for 202461.....
25362	7071	Under Driver Cone Pulley Ball, size $\frac{3}{16}$ in., for 277553.....
27070	8497	Under Driver Shaft Pulley (sectional, grooved) 10 in. diam., $1\frac{3}{16}$ in. bore, with two 597c, for 60286.....
27639	8497	Under Driver Treadle Pitman Rod (lower) for 60626.....
27639	8497	Under Driver Treadle Pitman Rod (upper) for 60626.....
27739	7234	Thread Unwinder Thread Cone (wood) for large cone, for 225394.....
29599	8493	Arm Oil Tube Packing (felt) for 56003...
32152	8476	“ Rotary Shaft Collar with two 889c

NUMERICAL LIST OF PARTS

31

NO.	PLATE	NAME
32191	8491	Tension Disc.....
32192	8491	“ Regulator with 32193.....
32193	8491	“ “ Bushing for 32192....
32194	8491	“ “ Friction Spring.....
32195	8491	“ “ Plate.....
32240	8489	Plait Guide (upper) Lock Stud Spring for 65845.....
32262	8489	Plait Guide (upper) Friction Washer for 65845.....
Nos. 41044 to 41046 for 41047		
41044	8498	Table Support Base with three wood screws 1¼ in. No. 14.....
41045	8498	Table Support Top with two wood screws 1¼ in. No. 14.....
41046	8498	Table Support Tube.....
41047	—	Table Support Tube complete, Nos. 1726P and 41044 to 41046.....
42088	8474	Machine Cushion (felt) for 64706.....
46681	8497	Under Driver Treadle Bracket (right) for 60502.....
49174	8493	Needle Bar Driving Lever Lubricating Wick for 65887.....
50012C	8495	Feed Bar Cover Hinge Screw for 64765..
50014C	8494	Looper Carrier Connecting Stud Pin Set Screw for 64550.....
50117J	8494	Plait Guide (upper) Lock Stud Spring Screw for 65845.....
50128E	8494	Feed Bar Cover Hinge Plate Screw for 64765.....
50258E	8473	Needle Bar Driving Lever Adjusting Screw for 65887.....
50311C	8494	Thread Carrier Pitman Ball Stud (upper) Set Screw for 64550.....
50314J	8474	Machine Thumb Screw.....
50380C	8494	Needle Bar Regulating Shaft Crank (front) Connection Hinge Stud Set Screw for 64593.....
50382C	8473	Feed Dog Carrier Regulating Screw.....
50383C	8495	“ “ Screw.....
50385C	8494	Needle Stop Screw for 65833.....
50386F	8473	Plait Guide Regulating Pinion Screw....
50387F	8473	“ “ Screw.....
50388C	8473	Presser Foot Guide Adjusting Lever Screw for 65858 to 65865 and 65920..
50390F	8473	Thread Nipper Screw.....
50429C	8494	Needle Clamp Adjusting Screw for 65833

NO.	PLATE	NAME
50438D	8494	Needle Bar Regulating Pitman Bell Crank Ball Screw Stud Bearing Position Screw for 65829.....
50558c	8495	Needle Clamp Screw for 65833.....
50581	8495	Under Driver Treadle Extension Screw for 126037.....
50623E	8494	Feed Forked Connection Wearing Plate Screw (long) for 64788.....
50624E	8494	Feed Forked Connection Wearing Plate Screw (short) for 64788
50625c	8495	Feed Regulator Connecting Link Hinge Screw.....
50626c	8495	Feed Regulator Hinge Screw.....
50627c	8495	Needle Bar Regulating Pitman Bell Crank Ball Screw Stud for 65829.....
50628J	8494	Plait Guide (inside edge) Lock Stud Cap Screw for 65845.....
50629c	8494	Presser Bar Tipper Screw Stud.....
50630c	8491	Tension Screw Stud.....
50649c	8494	Presser Bar Tipper Adjusting Screw....
51808	8491	Tension Screw Stud Roller.....
51869	8492	Thread Take-up (back) Holder Adjusting Plate Roller and Stud for 65872.....
52863	8492	Thread Carrier Pitman Ball Stud (upper) for 52869.....
*52864	—	Thread Carrier Pitman Cap (lower) for 64673.....
*52865	—	Thread Carrier Pitman Cap (upper) for 52869.....
*52866	—	Thread Carrier Pitman End Bearing (lower) for 64673.....
*52867	—	Thread Carrier Pitman End Bearing (upper) for 52869.....
52869	—	Thread Carrier Pitman Head (upper) Nos. 52863, 52865, 52867 and two 208E, for 64671.....
52870	8492	Thread Carrier Pitman Rod for 64671..
54515	8491	Tension Releasing Pin.....
54705	8489	Plait Guide (upper) Steady Pin for 65844
56003	8484	Arm Oil Tube with 29599.....
56864	8496	Chain Hook (large) for 13351.....
56865	8493	“ “ (small) for 13351.....
58844	8496	Wrench for 1517, 1518, 1636 and 64790 (Accessories)
60286	—	Under Driver (ball bearing) lever pres- sure, right hand, two speed, complete, Nos. 27070, 126212 and 227738.....

NO.	PLATE	NAME
60502	—	Under Driver Treadle Bracket (right) 46681 with two wood screws 1 in. No. 14, for 126211.....
60626	8497	Under Driver Treadle Pitman complete for 126212, Nos. 9079 and two 27639..
60858	8497	Under Driver Treadle Pitman Hook for 126212.....
64505	8476	Arm Rotary Shaft Bushing (front).....
64507	8475	“ “ “ Flanged Bushing (back) with 64508.....
64508	8482	Arm Rotary Shaft Flanged Bushing Oil Pad (braided cotton) for 64507.....
64509	8475	Arm Side Cover.....
64510	8475	Balance Wheel, 3 in. pulley, with two 448c
64516	8482	Feed Bar Carrier Hinge Pin.....
64517	8476	“ “ “ “ “ Bushing....
64517	8476	Needle Bar Regulating Shaft Bushing (front).....
64521	8476	Feed Bar Lifting Link with 624c.....
64523	8476	“ “ “ “ Hinge Stud.....
64531	8477	“ Dog Spur for 64780 and 64781.....
64533	8483	“ Lifting Eccentric with two 453c....
*64535	—	“ “ “ Connection Cap for 64792.....
64536	8483	Feed Lifting Eccentric Connection Stud
64537	8483	“ “ “ “ “ Bushing.....
Nos. 64550 TO 64554 FOR 65886		
64550	8484	Looper Carrier with 50014c and 50311c..
64551	8484	“ “ Connecting Stud.....
64552	8484	“ “ “ “ Pin.....
64553	8485	“ “ Guide.....
64554	8485	“ “ Hinge Stud.....
64554	8485	Needle Bar Regulating Pitman Bell Crank Connecting Link Hinge Stud..
64554	8485	Needle Bar Regulating Pitman (upper) Hinge Stud.....
64558	8485	Looper Eccentric Connection Gib for 65815.....
64559	8485	Looper Eccentric Connection Pin.....
64560	8485	“ “ Pin.....
64562	8486	“ Rock Shaft Bushing (back).....
64563	8486	“ “ “ Collar with 1133c....
64566	8486	“ “ “ Connecting Rod Hinge Stud.....

NO.	PLATE	NAME
64570	8486	Needle Bar Connecting Link.....
64573	8482	“ “ Driving Lever for 65887.....
64574	8486	“ “ “ “ Hinge Stud with 1230F.....
64576	8487	Needle Bar Eccentric Connection with 64577 and two 896E.....
*64577	—	Needle Bar Eccentric Connection Cap for 64576.....
64579	8482	Needle Bar Guide.....
*64582	—	“ “ Regulating Pitman (upper) for 65825.....
64585	8487	Needle Bar Regulating Pitman Bell Crank Hinge Pin.....
*64586	—	Needle Bar Regulating Pitman Connect- ing Pin for 65825.....
64587	8487	Needle Bar Regulating Pitman Connect- ing Pin Rivet for 65825.....
64588	8487	Needle Bar Regulating Pitman Spring for 65826.....
64589	8482	Needle Bar Regulating Shaft.....
64590	8487	“ “ “ “ Bushing (back).....
64591	8488	Needle Bar Regulating Shaft Crank (back) with three 448c.....
64592	8488	Needle Bar Regulating Shaft Crank (front) with two 448c.....
64593	8488	Needle Bar Regulating Shaft Crank (front) Connection with 50380c.....
64594	8488	Needle Bar Regulating Shaft Crank (front) Connection Hinge Stud.....
64604	—	Plait Guide (stationary) Nos. 64605 and 64606.....
64605	8489	Plait Guide (stationary) Bracket with 465c, for 64604.....
64606	8489	Plait Guide (stationary) Rod, for fine braid, for 64604.....
64607	8489	Plait Guide (upper) for 65845.....
64609	8489	“ “ “ Lock Stud for 65845
64614	8473	“ “ Regulating Pinion.....
64616	8484	Looper Carrier Frame Connecting Link.
64618	8488	Presser Bar Adjusting Pin.....
64622	8488	“ “ Lifter (side of arm) Hinge Pin.....
64623	8488	Presser Bar Lifter (side of arm) Shaft
64624	8488	“ “ “ “ “ “ “ “ Crank with 735c.....

NUMERICAL LIST OF PARTS

35

NO.	PLATE	NAME
64625	8488	Presser Bar Lifter (side of arm) Spring
64626	8488	" " " " " " S t o p Bracket.....
64627	8490	Presser Bar Lifting Shaft.....
64628	8486	" " " " Bushing.....
64631	8491	" " " " Crank (back) Extension with 453c, for 64709
64635	8482	Looper Carrier Frame Spring (flat).....
64637	—	Presser Foot Guide for 65858.....
64638	—	" " " " 65859.....
64639	—	" " " " 65860.....
64640	—	" " " " 65861.....
64641	—	" " " " 65862.....
64642	—	" " " " 65863.....
64643	—	" " " " 65864 and 65865
64644	—	" " " " Adjusting Lever with 19045 and 19046, for 65858 to 65865 and 65920.....
64650	—	Presser Foot Plate for 65862.....
64651	—	" " " " 65863
64652	—	" " " " 65864.....
64653	—	" " " " 65865.....
64664	8489	" " " " Position Pin for 65847
64668	8492	Thread Carrier Clamping Plate for 65886
64669	8492	" " " " " " Position Pin for 64670.....
64670	8492	Thread Carrier Holder with 202D and 64669, for 65886
64671	8492	Thread Carrier Pitman complete for 65886, Nos. 1550J, 1682J, 52869, 52870 and 64673
64672	8492	Thread Carrier Pitman Ball Stud (lower) for 64673.....
64673	—	Thread Carrier Pitman Head (lower) Nos. 52864, 52866, 64672 and two 208E, for 64671
64674	8492	Thread Carrier Rock Shaft with 460c, for 65886
64675	8492	Thread Carrier Rock Shaft Centre for 65886
64676	8492	Thread Nipper Eyelet.....
64677	8492	" " " " Body.....
64678	8492	" " " " Collar.....
64679	8492	" " " " Connection with 64680 and two 896E.....
*64680	—	Thread Nipper Connection Cap for 64679
64681	8492	" " " " Eccentric with two 453c

NUMERICAL LIST OF PARTS

NO.	PLATE	NAME
64683	8492	Thread Nipper Washer.....
64684	8492	“ “ “ Spring.....
64697	8493	“ Take-up (back) Staple.....
64698	8493	“ “ “ “ S c r e w Washer.....
64699	8493	Thread Tube.....
64701	8490	Throat Plate Holder for 65880, 65882 and 65922.....
64703	8490	Throat Plate Holder Cover for 65880 and 65922.....
64704	8493	Throat Plate Holder Cover Hinge Pin for 65880, 65882 and 65922.....
64705	8493	Throat Plate Holder Cover Spring for 65880, 65882 and 65922.....
64706	8498	Machine Base with three wood screws 1¼ in. No. 14 and four each 935D, 42088 and 66707.....
64707	8496	Machine Base Oil Cup with 64708, for 64706.....
64708	8496	Machine Base Oil Cup Handle for 64707
64709	—	Foot Lifter complete, Nos. 13351, 17884 and 64631.....
64710	8486	Looper Rock Shaft Bushing (front).....
64717	8484	Guide Holder for 65910.....
64720	8485	Looper Carrier Frame Spring Lifting Lever Shaft.....
64722	—	Presser Foot Plate for 65866.....
64728	8490	Throat Plate Holder Cover for 65882...
64734	8493	Needle Bar Driving Lever Lubricating Wick Retaining Pin for 65887.....
64751	8475	Arm End Cover (back).....
64754	8491	Tension Spring.....
Nos. 64758 TO 64760 FOR 65833		
64758	8488	Needle Clamp Gib (.035 in. thick).....
64759	—	“ “ “ (.055 in. thick).....
64760	—	“ “ “ (.070 in. thick).....
64762	8488	“ “ Screw Retainer for 65833.
64764	—	“ “ Gib (.015 in. thick) for 65833.....
*64765	—	Arm, upper and lower (solid) with 64772, two each 50012c, 64773 and four 50128E
64766	8475	Arm End Cover (front).....
64768	8475	Face Plate.....
64769	8475	Feed Bar.....
64770	8482	“ “ Carrier with 453c.....
64771	8476	“ “ “ Washer.....

NUMERICAL LIST OF PARTS

37

NO.	PLATE	NAME
64772	8498	Feed Bar Cover for 64765.....
64773	8476	" " " Hinge Plate for 64765...
64774	8476	" " " Latch.....
64775	8476	" " " " Spring.....
64776	8476	" " Hinge Stud.....
64777	8476	" " Lifting Link Guide.....
64778	8477	" Dog.....
64779	8477	" "
64780	8477	" " with 64531.....
64781	8477	" " " two 64531.....
64783	8481	" " for edge stitching.....
64784	8476	" " Carrier.....
64785	8476	" " " Friction Spring.....
64786	8476	" " " " " Washer
64787	8476	" Eccentric with two 453c.....
64788	8490	" Forked Connection with two each 50623E, 50624E and 64791.....
64789	8483	Feed Forked Connection Hinge Stud
64790	8483	" " " " " "
		Bushing (eccentric).....
64791	8483	Feed Forked Connection Wearing Plate for 64788.....
64792	8483	Feed Lifting Eccentric Connection with 64535 and two 896E.....
64793	8482	Feed Regulator with 1253c, 2049 and 65801.....
64794	8483	Feed Regulator Connecting Link.....
64795	8483	" " " " Hinge Screw Nut Washer.....
64796	8483	Feed Regulator Handle.....
64797	8483	" " " Position Plate...
64798	8483	" " " Releasing Lever with 228d
64799	8483	Feed Regulator Handle Releasing Lever Hinge Pin.....
64800	8483	Feed Regulator Handle Stud with 2532..
65801	8484	" " Shaft for 64793.....
65802	8484	" " " Bushing.....
65803	8484	" " Stop.....
		Nos. 65804 to 65806 for 65886
65804	8484	Hook Guard.....
65805	8484	Looper.....
65806	8482	" Carrier Frame with 453c, 65807 and two 456E.....
65807	8484	Looper Carrier Frame Cushion (rawhide) for 65806.....

NO.	PLATE	NAME
65808	8485	Looper Carrier Frame Spring Lifting Lever.....
65809	8485	Looper Carrier Frame Spring Lifting Lever Shaft Crank with 457c.....
65810	8485	Looper Carrier Frame Spring Lifting Lever Shaft Crank Spring.....
65811	8485	Looper Carrier Frame Spring Position Plate.....
65812	8485	Looper Carrier Frame Spring Steady Pin.
65813	8485	" Eccentric.....
65814	8485	" " Body with 448c and two 129E.....
65815	8485	Looper Eccentric Connection with 453c, 1012c and 64558.....
65816	8482	Looper Rock Shaft.....
65817	8482	" " " Connecting Rod with 65818 and two 896E.....
*65818	—	Looper Rock Shaft Connecting Rod Cap for 65817.....
65819	8486	Looper Rock Shaft Crank (back) with 160E and 453c.....
65820	8486	Looper Rock Shaft Crank (front) with 453c, for 65886.....
65821	8486	Needle Bar with 1259c, for 65822.....
65822	—	Needle Bar complete, Nos. 65821 and 65833.....
65823	8486	Needle Bar Connecting Link Slide Block for 65887.....
65824	8486	Needle Bar Eccentric with two 453c....
*65825	—	Needle Bar Regulating Pitman, Nos. 64582, 64586, 64587 and 65827, for 65826.....
65826	8487	Needle Bar Regulating Pitman complete, Nos. 64588, 65825 and two 5923.....
*65827	—	Needle Bar Regulating Pitman (lower) for 65825.....
65828	8487	Needle Bar Regulating Pitman Bell Crank with 448c, for 65829.....
65829	—	Needle Bar Regulating Pitman Bell Crank complete, Nos. 65828, two 50627c and four each 50438d and 65830.....
65830	8487	Needle Bar Regulating Pitman Bell Crank Ball Screw Stud Bearing for 65829.....
65831	8487	Needle Bar Regulating Pitman Bell Crank Connecting Link.....

NO.	PLATE	NAME
65832	8488	Needle Clamp for 65833.....
65833	—	Needle Clamp complete for 65822, Nos. 208b, 50385c, 50429c, 50558c, 64758 to 64760, 64762, 64764, 65832, 65834 and 65836.....
65834	8488	Needle Clamp Plate for 65833.....
65835	8488	“ Guard for 65886.....
65836	8488	“ Stop Screw Bracket for 65833....
65837	8489	Plait Guide (inside edge) Nos. 65839 and 65840, for 65845.....
65838	8488	Plait Guide (inside edge) Lock Stud with 13090, for 65845.....
65839	—	Plait Guide (inside edge) Plate for 65837.
65840	—	“ “ “ “ Rod f o r 65837.....
65841	8489	Plait Guide (lower) with 202b, for 65845..
65842	8489	“ “ (stationary) Rod, for medium braid.....
65843	8489	Plait Guide (stationary) Rod, for coarse braid.....
65844	8489	Plait Guide (upper) Holder with 54705, for 65845.....
65845	—	Plait Guide complete, Nos. 89j, 208j, 1779j, 32240, 32262, 50117j, 50628j, 64607, 64609, 65837, 65838, 65841 and 65844.....
65846	8489	Plait Guide Block.....
65847	8482	Presser Bar with 64664.....
65848	8488	“ “ Lifter (side of arm).....
*65849	8491	“ “ Lifting Shaft Crank (back) with 446c and 448c.....
*65850	8491	Presser Bar Lifting Shaft Crank (back) Connection with 446c.....
65851	8491	Presser Bar Lifting Shaft Crank (front) with 1390E.....
65852	—	Presser Foot Plate for 65858.....
65853	—	“ “ “ “ 65859.....
65854	—	“ “ “ “ 65860.....
65855	—	“ “ “ “ 65861.....
65856	—	“ “ Shank for 65858 to 65861 and 65920.....
65857	—	Presser Foot Shank for 65862 to 65865..
65858	8479	Presser Foot complete, Nos. 5480, 50388c, 64637, 64644, 65852, 65856 and two 1472b.....

NO.	PLATE	NAME
65859	8479	Presser Foot complete, Nos. 5480, 50388c, 64638, 64644, 65853, 65856 and two 1472d.....
65860	8478	Presser Foot complete, Nos. 5480, 50388c, 64639, 64644, 65854, 65856 and two 1472d.....
65861	8478	Presser Foot complete, Nos. 5480, 50388c, 64640, 64644, 65855, 65856 and two 1472d.....
65862	8478	Presser Foot complete, Nos. 5480, 50388c, 64641, 64644, 64650, 65857 and two 1302d.....
65863	8479	Presser Foot complete, Nos. 5480, 50388c, 64642, 64644, 64651, 65857 and two 1302d.....
65864	8478	Presser Foot complete, Nos. 5480, 50388c, 64643, 64644, 64652, 65857 and two 1302d.....
65865	8479	Presser Foot complete, Nos. 5480, 50388c, 64643, 64644, 64653, 65857 and two 1302d.....
65866	8481	Presser Foot complete for 64783, Nos. 64722, 65911 and two 1302d.....
65867	8491	Tension Releasing Disc.....
65868	8492	Thread Carrier for 65886.....
65869	8490	“ Nipper Regulator and Tension Releaser.....
65870	8492	Thread Take-up (back).....
65871	8492	“ “ “ Holder with 624c
65872	8492	“ “ “ “ Adjusting Plate with 51869.....
65873	8493	Thread Take-up (front).....
65874	8493	“ “ “ Arm with 185d..
65875	8493	“ “ “ “ Connecting Link.....
65876	8493	Thread Take-up (front) Arm Hinge Stud
65877	8477	Throat Plate for 64778 to 64781.....
65879	8481	“ “ “ 64783.....
65880	—	“ “ Holder 64701 with 665d, 64703 to 64705, 64877 and two 211d..
65882	—	Throat Plate Holder 64701 with 665d, 64704, 64705, 64728, 65879 and two 211d.....
65883	8496	Foot Lifter Chain Guide Bracket for 65885
65884	8493	“ “ “ Pulley Pin for 65885.....

NO.	PLATE	NAME
65885	—	Foot Lifter Chain Guide complete, Nos. 2461, 65883, 65884 and four wood screws 1 in. No. 10 R. H. B.....
65886	—	Looper Carrier Frame complete, Nos. 193D, 208D, 337D, 874F, 64550 to 64554, 64668, 64670, 64671, 64674, 65804 to 65806, 65820, 65835, 65868 and two each 175E and 64675.....
65887	—	Needle Bar Driving Lever complete, Nos. 49174, 50258E, 64573, 64734, 65823 and two 1607E.....
65907	8491	Presser Bar Tipper.....
65908	8491	“ “ “ Spring.....
65909	8484	Guide for 65910.....
65910	—	Guide, for edge stitching, Nos. 64717, 65909 and two 217D.....
65911	—	Presser Foot Shank for 65866.....
65913	8483	Feed Regulator Handle Spring.....
65914	8475	Arm Rotary Shaft.....
65915	8476	“ “ “ Bushing (intermediate, eccentric).....
65916	8480	Feed Dog, for silk ribbons.....
65917	—	Presser Foot Guide for 65920.....
65918	—	“ “ Plate for 65920.....
65920	8480	Presser Foot complete for 65916, Nos. 5480, 50388c, 64644, 65856, 65917, 65918 and two 1472D.....
65921	8480	Throat Plate for 65916.....
65922	—	“ “ Holder 64701 with 665D, 64703 to 64705, 65921 and two 211D..
66707	8489	Machine Cushion Screw Washer for 64706
120341	8496	Tweezers (Accessories).....
120346	8496	Oiler (copper plated) with 120347 (Accessories).....
120347	8496	Oiler Spout, 9 in. long, for 120346.....
126036	8497	Under Driver Treadle for 126037.....
126037	—	“ “ “ 126036 with 2718, 50581 and 126038, for 126211.....
126038	8497	Under Driver Treadle Extension for 126037.....
126205	8497	Under Driver Treadle Bracket (left) for 126206.....
126206	—	Under Driver Treadle Bracket (left) complete for 126211, Nos. 23258, 126205, 126207, 126208 and two wood screws 1 in. No. 14.....

NO.	PLATE	NAME
126207	8493	Under Driver Treadle Bracket (left) Hook for 126206.....
126208	8493	Under Driver Treadle Bracket (left) Hook Rivet for 126206.....
126211	—	Under Driver Treadle complete for 126212, Nos. 60502, 126037 and 126206
126212	—	Under Driver Treadle and Pitman com- plete for 60286, Nos. 60626, 60858 and 126211
200082b	7071	Under Driver Lever Brake Belt Guard Screw for 227736.....
200374c	7071	Under Driver Lever Brake Leather Set Screw for 227735.....
200383c	8493	Thread Unwinder Spool Rest Rod Set Screw for 202490.....
200524c	7071	Under Driver Driving Pulley Shaft Set Screw for 227970.....
200524c	7071	Under Driver Lever Brake Set Screw for 227735
200524c	7071	Under Driver Lever Compression Shaft Set Screw for 227970.....
201018c	8493	Thread Unwinder Spool Rest Set Screw for 225389.....
201696j	8493	Thread Unwinder Thread Guide Lock Nut for 225394.....
202302	7072	Under Driver Lever Compression Shaft Cotter Pin for 202464.....
202457	7068	Under Driver Cone Pulley (grooved) two speed, $3\frac{3}{4}$ in. and $4\frac{1}{4}$ in. diam., with 227553, for 227738.....
202459	7068	Under Driver Driving Pulley, $7\frac{1}{4}$ in. diam., with 202460 and 204105, for 227738.....
202460	—	Under Driver Driving Pulley Friction Ring (leather) for 202459.....
202461	—	Under Driver Driving Pulley Shaft 227743 with 204107, 204108 and eleven 25303, for 227738.....
202464	7069	Under Driver Lever Compression Shaft with 202302, for 227738.....
202490	3398	Thread Unwinder Spool Stand with 200383c, for 225394.....
202845	7071	Under Driver Lever Compression Plate Rivet for 227970.....

NUMERICAL LIST OF PARTS

43

NO.	PLATE	NAME
Nos. 204100 TO 204102 FOR 227553		
204100	7071	Under Driver Cone Pulley Ball Bearing Cup.....
204101	7071	Under Driver Cone Pulley Ball Cap.....
204102	7071	“ “ “ “ “ Retaining Spring.....
204105	7071	Under Driver Driving Pulley Friction Ring Stop Pin for 202459.....
204107	7071	Under Driver Driving Pulley Shaft Ball Cup for 202461.....
204108	7071	Under Driver Driving Pulley Shaft Ball Cup Cap for 202461.....
Nos. 204109 TO 204112 FOR 227743		
204109	7072	Under Driver Driving Pulley Shaft Oil Plug.....
204110	7072	Under Driver Driving Pulley Shaft Oiling Leather.....
204111	7072	Under Driver Driving Pulley Shaft Oiling Leather Pin (leather).....
204112	7072	Under Driver Driving Pulley Shaft Oiling Wick.....
204113	7071	Under Driver Driving Pulley Shaft Thimble for 227738.....
204117	7071	Under Driver Lever Compression Plate for 227970.....
204122	7072	Under Driver Lever Brake Leather for 227735.....
204867	7071	Under Driver Lever Brake Spring for 227738.....
Nos. 225388 TO 225392 FOR 225394		
225388	3398	Thread Unwinder Spool Rest Rod.....
225389	3398	“ “ “ “ with 201018c
225390	7234	“ “ Thread Cone Holder, for inverted cone.....
225391	3398	Thread Unwinder Thread Guide.....
225392	3398	“ “ “ “ Rod with 208E and 225393.....
225393	8493	Thread Unwinder Thread Guide Rod Washer for 225392.....
225394	3398	Thread Unwinder complete, for one spool, Nos. 201696J, 202490, 225388, 225389, 225391, 225392 and three wood screws 7/8 in. No. 13.....

NUMERICAL LIST OF PARTS

NO.	PLATE	NAME
227553	—	Under Driver Cone Pulley Ball Cup complete for 202457, Nos. 204100 to 204102 and thirteen 25362.....
227734	7068	Under Driver Frame with 200524c, for 227738.....
227735	7069	Under Driver Lever Brake with 200524c, 204122 and two 200374c, for 227736....
227736	—	Under Driver Lever Brake 227735 with 200082b and 227737, for 227738.....
227737	7069	Under Driver Lever Brake Belt Guard for 227736.....
227738	—	Under Driver Transmitter complete for 60286, Nos. 202457, 202459, 202461, 202464, 204113, 204867, 227734, 227736, 227970 and three wood screws 1¼ in. No. 15.....
227743	7069	Under Driver Driving Pulley Shaft (hollow) with 204109, 204110, 204112 and two 204111, for 202461.....
227970	7068	Under Driver Lever (compression) and Dress Guard with 204117, two each 200524c and 202845, for 227738.....

ILLUSTRATIONS OF PARTS
FOR
MACHINE No. 117-2

PLATE 3398—ONE-SIXTH SIZE

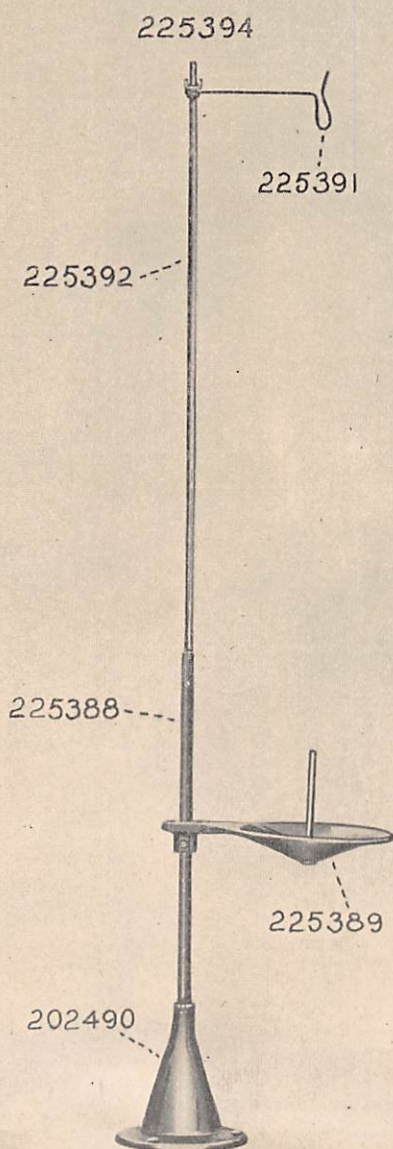
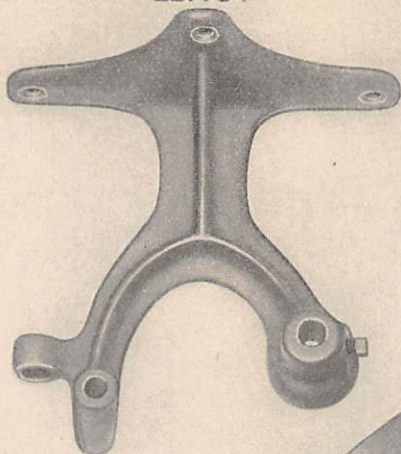
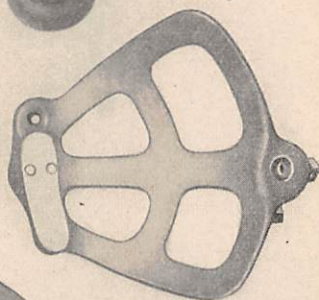


PLATE 7068—ONE-FOURTH SIZE

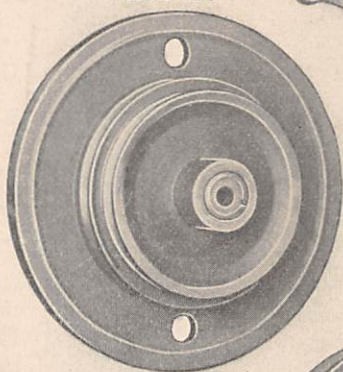
227734



227970



202457



202459

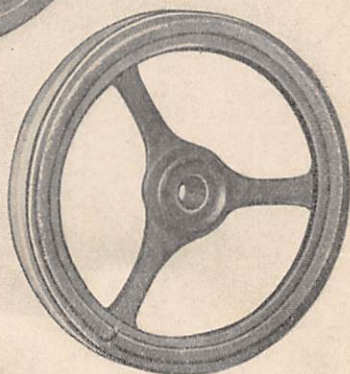


PLATE 7069—ONE-HALF SIZE

227743



227737



227735

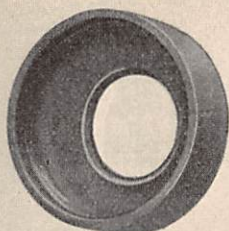


202464

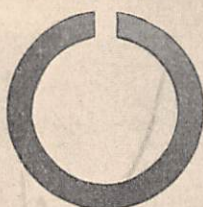


PLATE 7071—FULL SIZE

204100



204102



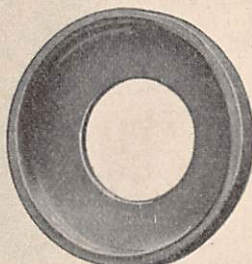
204105



25362



204107



204101



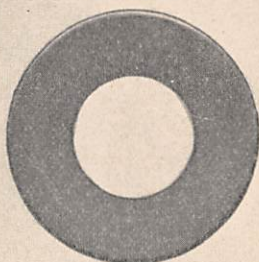
200374



25303



204108



200524



204113



204117



204867



9082



200082



202845



PLATE 7072—FULL SIZE

204110



204112



204111



204122



204109



202302



PLATE 7234—ONE-HALF SIZE

27739



225390

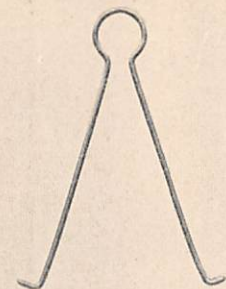
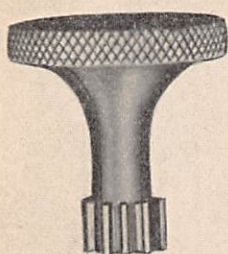
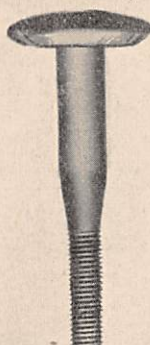


PLATE 8473—FULL SIZE

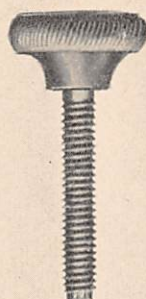
64614



50390



574



362



50384



50386



50556



129



50382



50258



156



152



996



690



160



1021



89



159



50387



173



914



171



180



193



190



874



175



50388



PLATE 8474—FULL SIZE

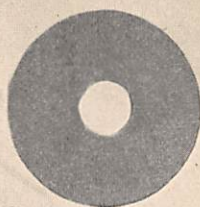
41569



41515



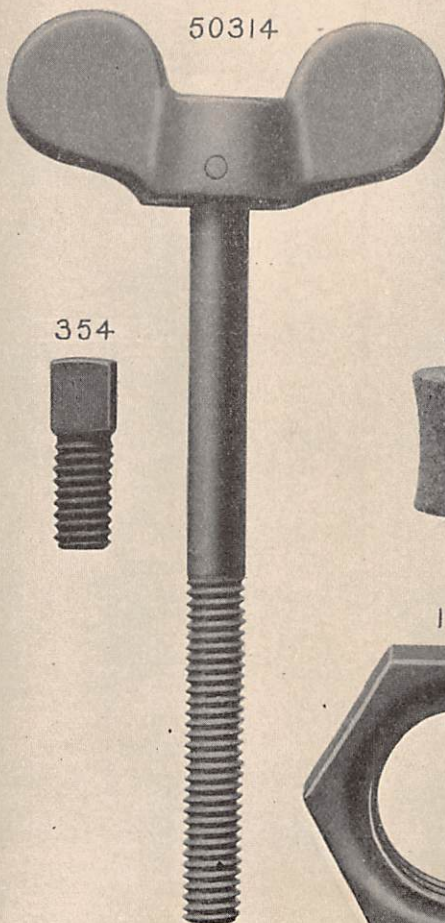
6055



597



50314



354



42088



1726

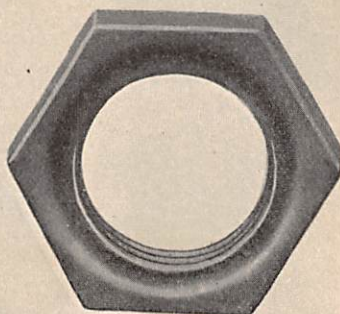
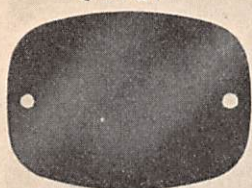
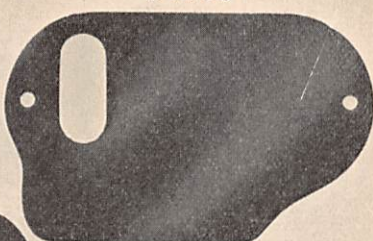


PLATE 8475—ONE-HALF SIZE

64751



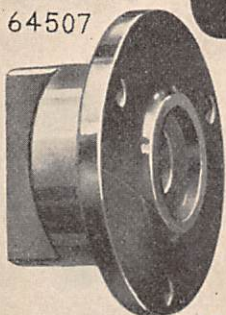
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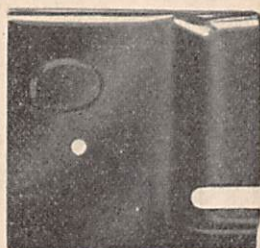
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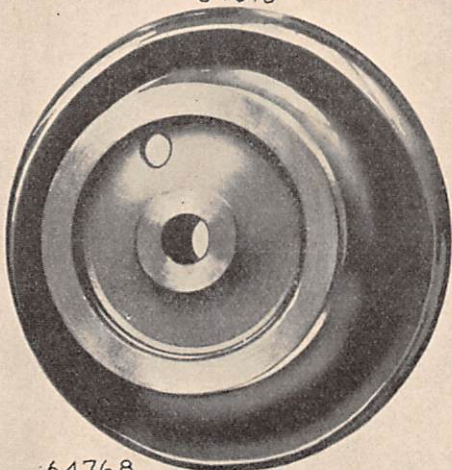
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64766



64510



64769



64768

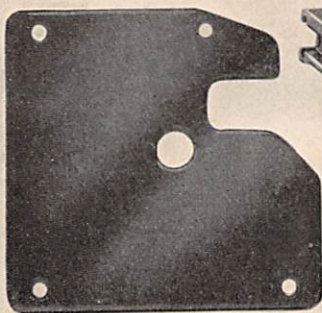
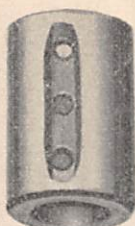


PLATE 8476—FULL SIZE

64505



32152



64774



64523



64785



64517



64771



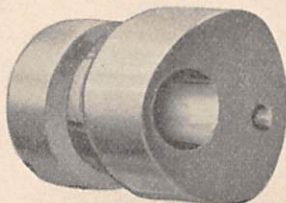
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64776



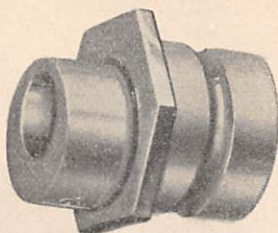
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64786



65915



64521

64773



64784



64777

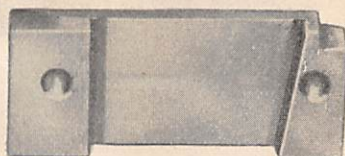


PLATE 8477—FULL SIZE

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64779



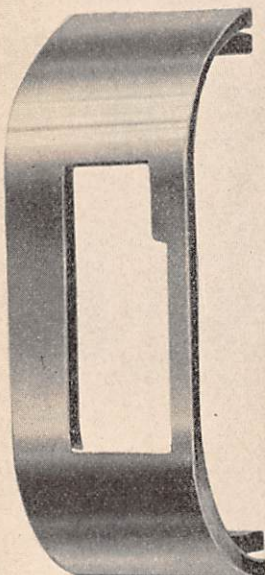
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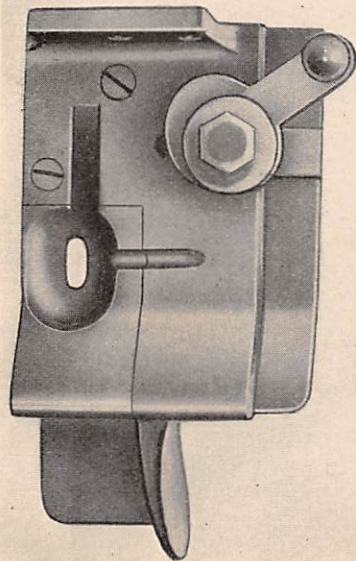
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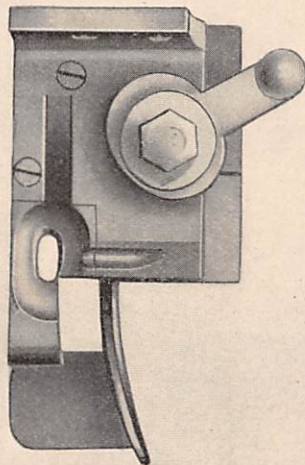
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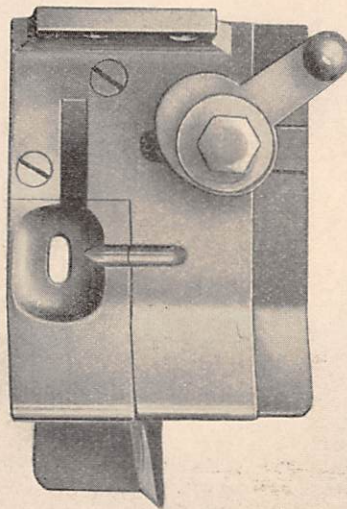
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65861



65862



65860

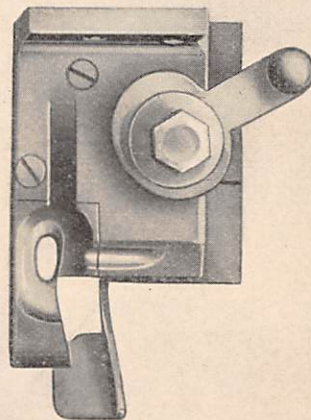
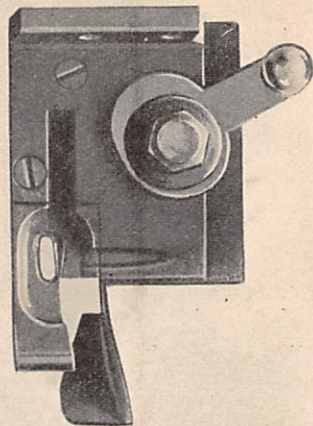


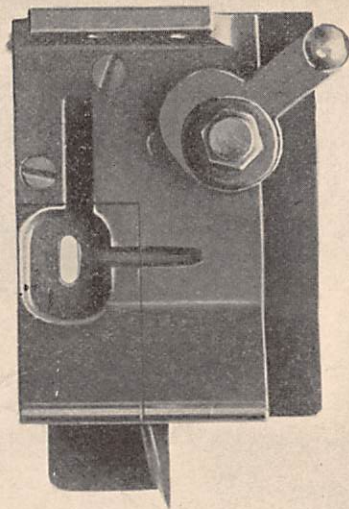
PLATE 8478—FULL SIZE

From the library of: Superior Sewing Machine & Supply LLC

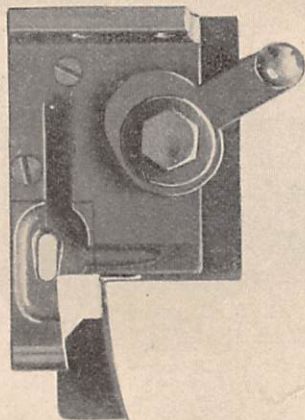
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65863



65859



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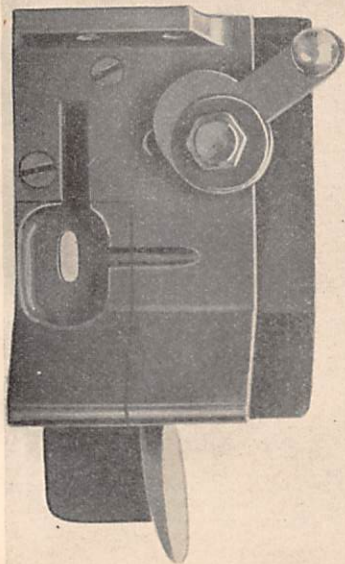
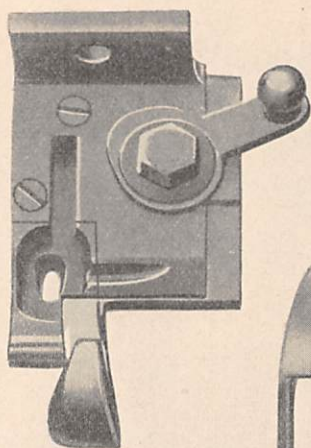


PLATE 8480—FULL SIZE

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65916



65921

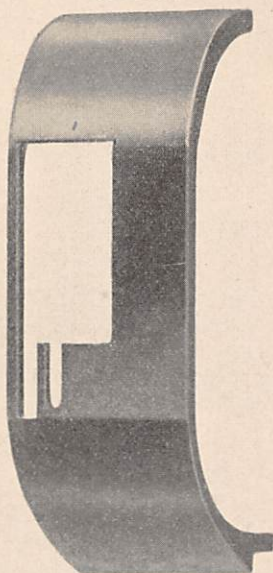
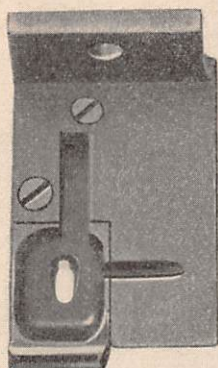


PLATE 8481—FULL SIZE

65866



64783



65879

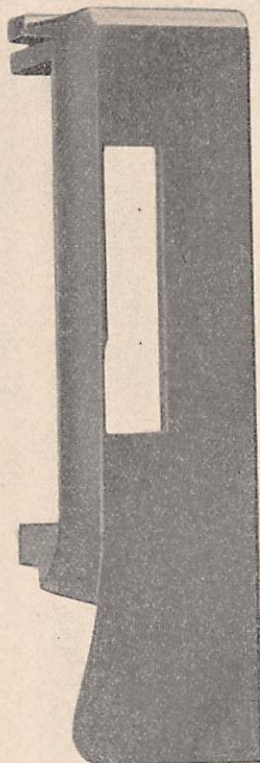


PLATE 8482—ONE-HALF SIZE

64635 65816 64589 64516

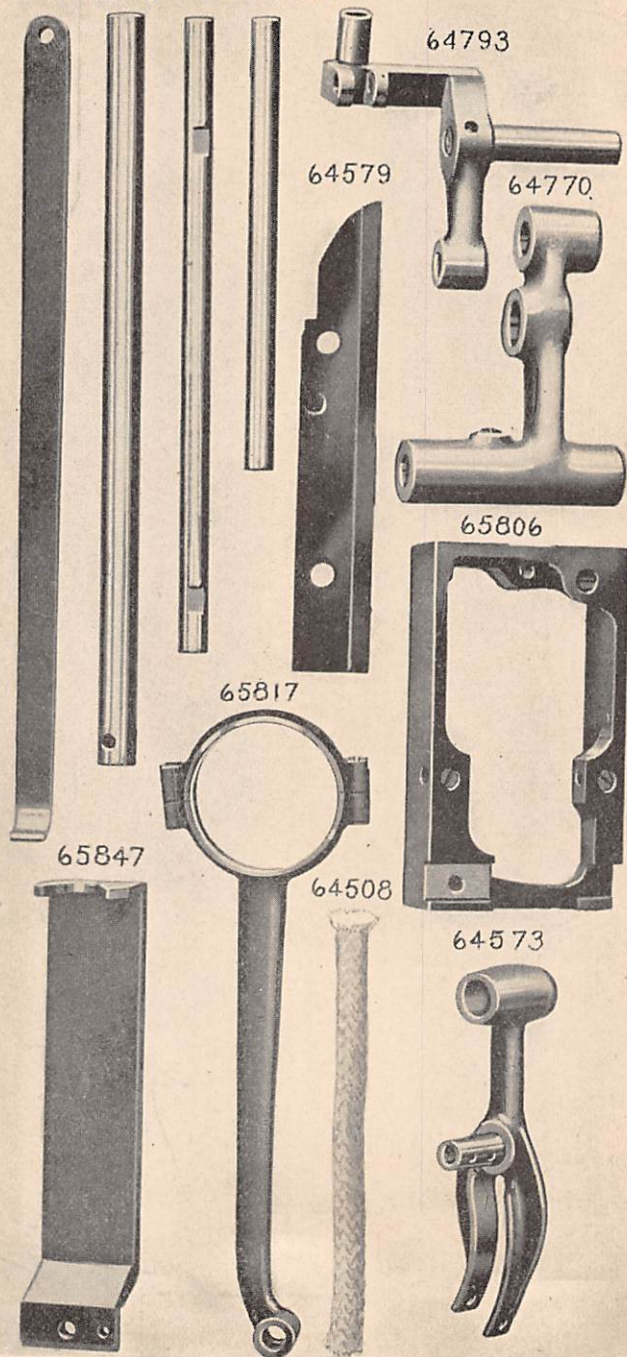
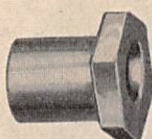


PLATE 8483—FULL SIZE

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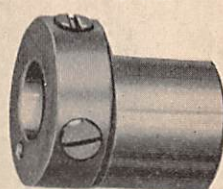
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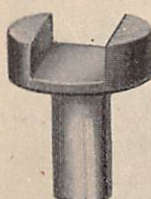
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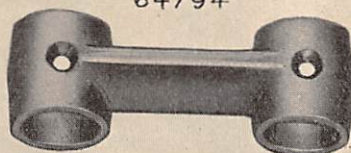
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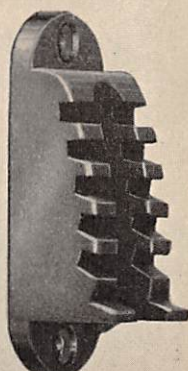


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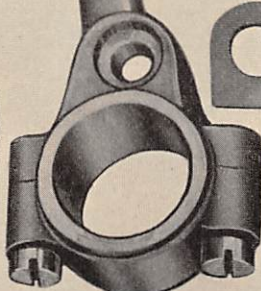


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64797



64796



65913

2049

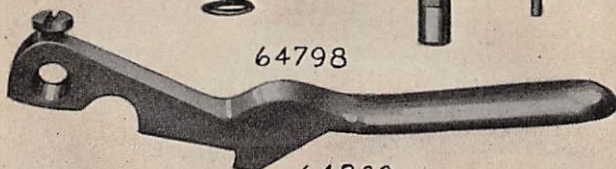


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2532



64798



64800

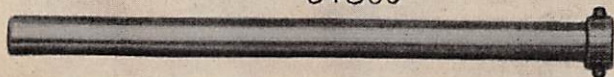


PLATE 8484—FULL SIZE

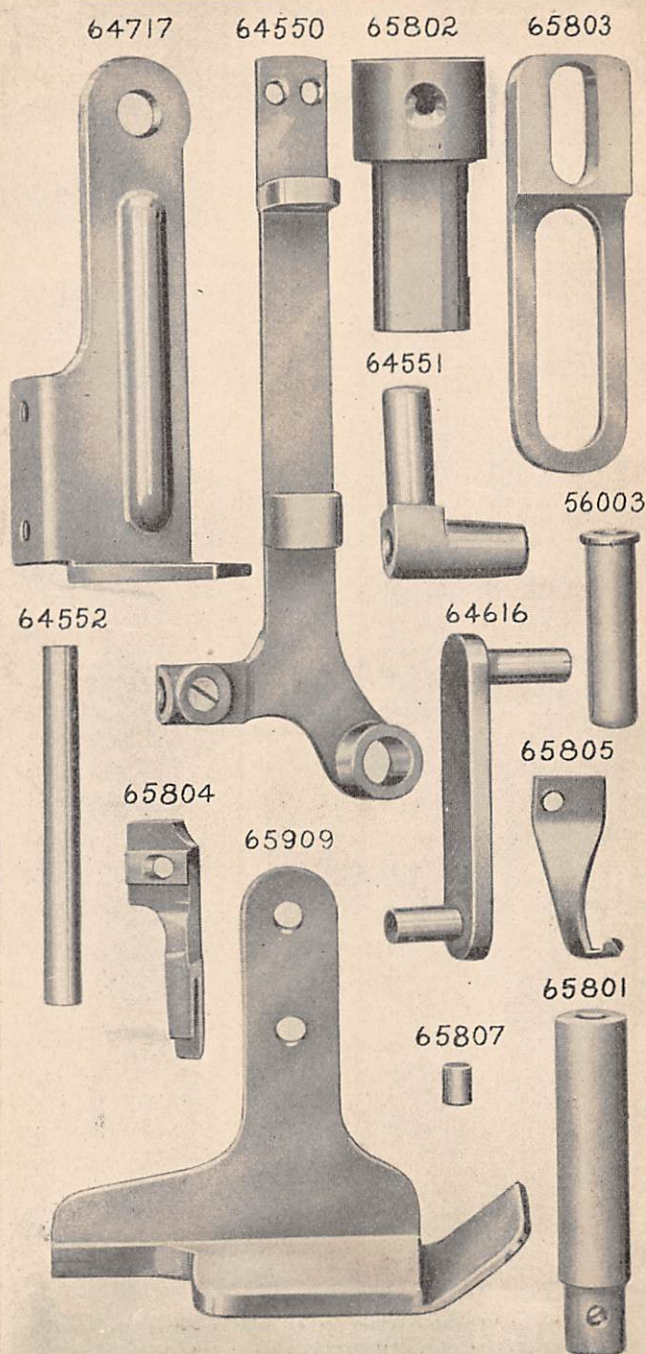


PLATE 8485—FULL SIZE

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2273



64720



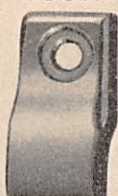
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65811



65812



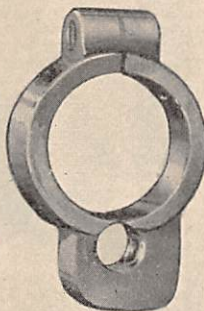
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64558



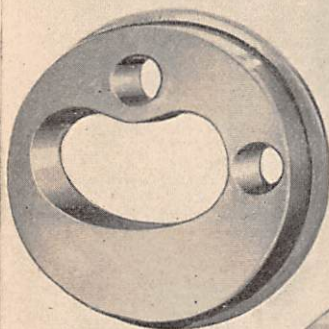
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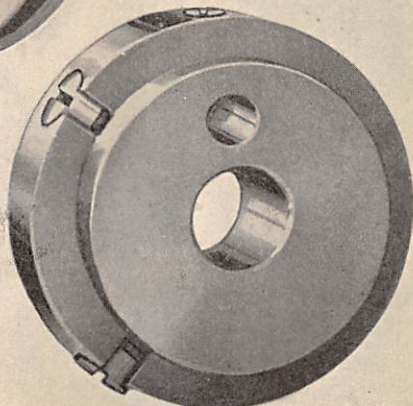
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65813



65814



64560



64559



PLATE 8486—FULL SIZE

64562



64710



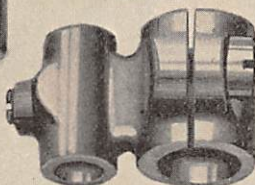
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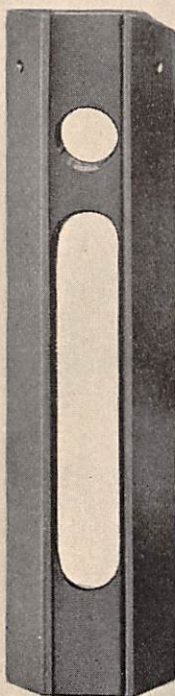
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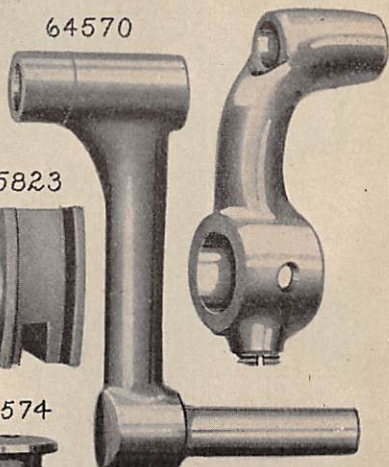


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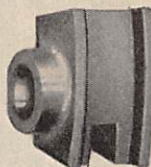


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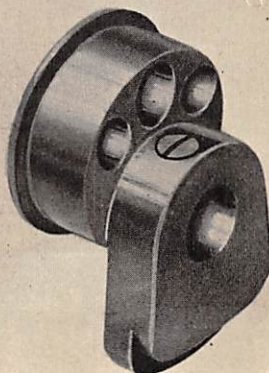
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64574



65824



64628



PLATE 8487—FULL SIZE

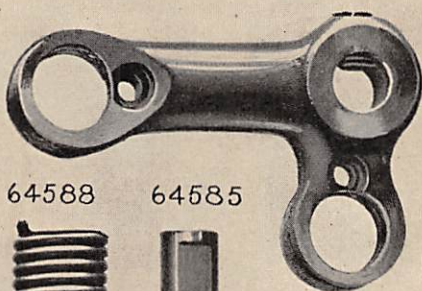
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24833



65828



64588



64585



5923

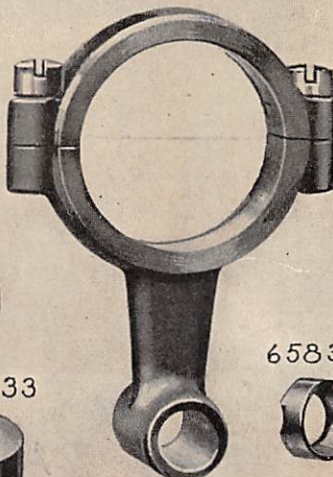


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65831

64576



65830



64587



PLATE 8488—FULL SIZE

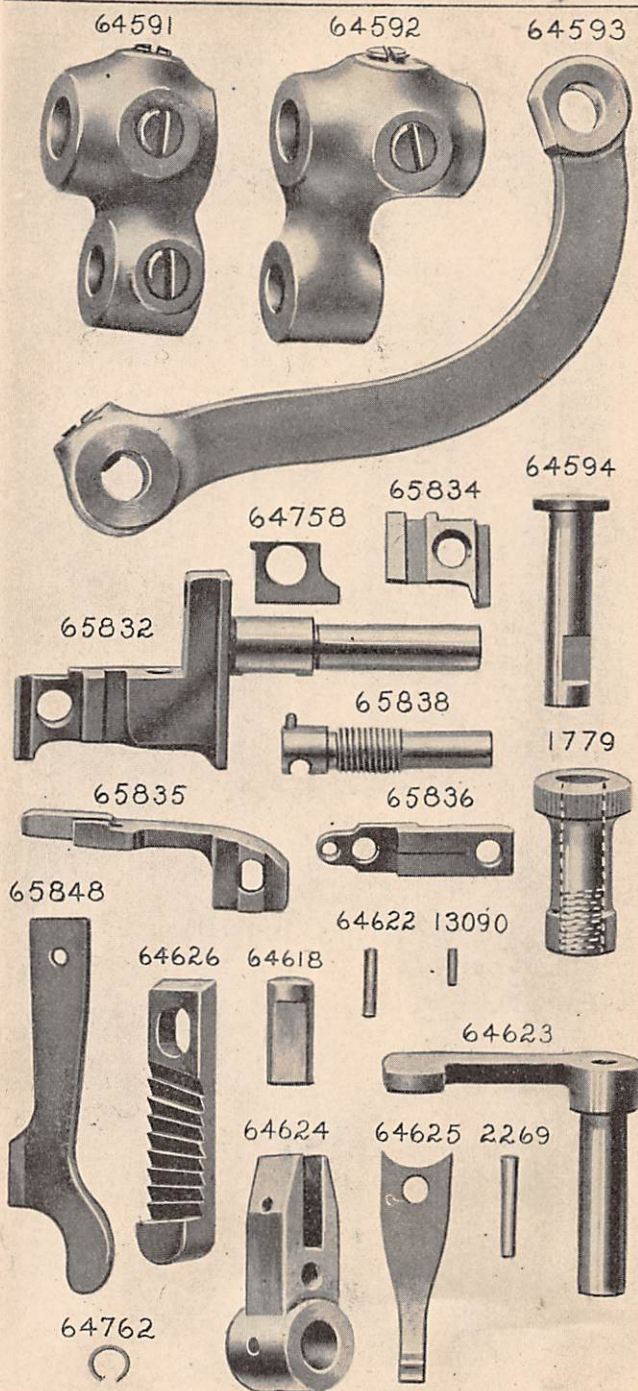


PLATE 8489—FULL SIZE

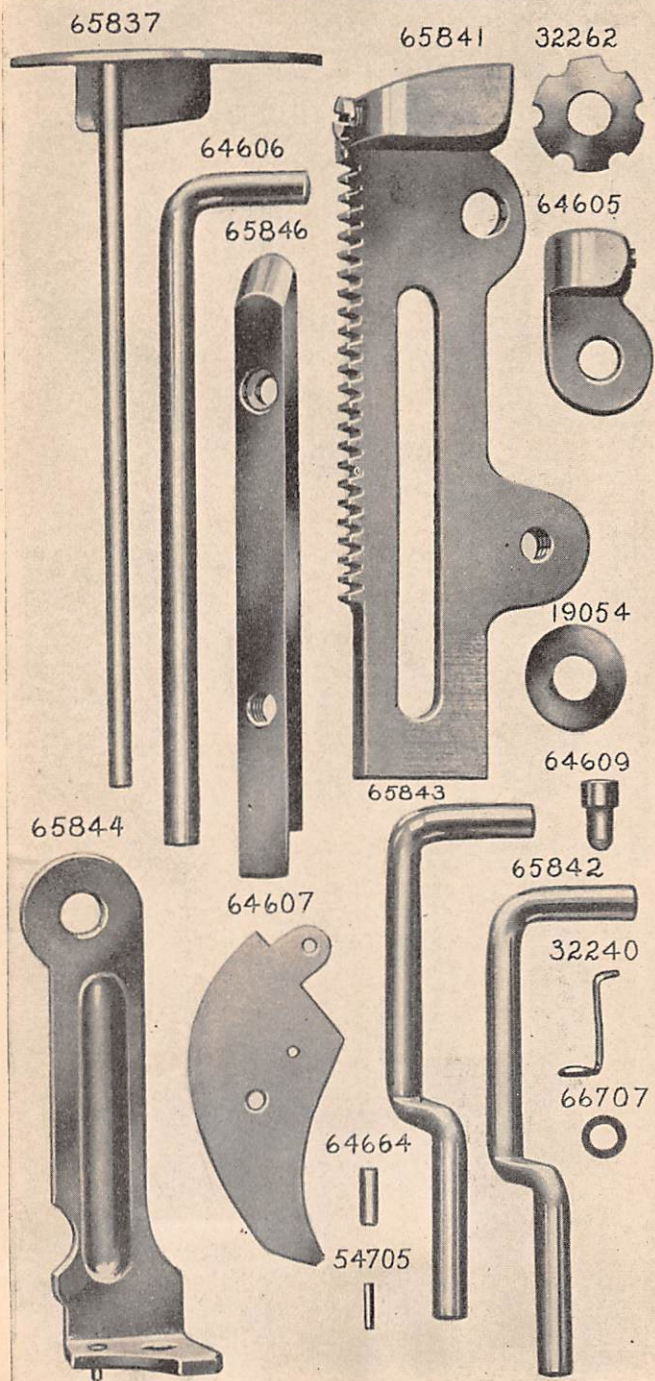
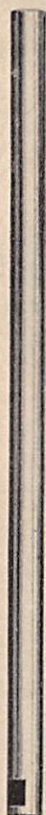
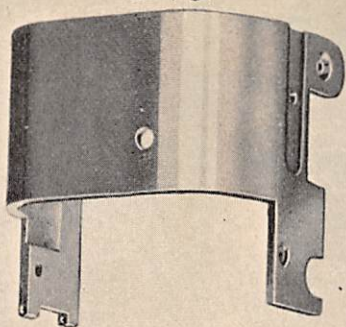


PLATE 8490—ONE-HALF SIZE

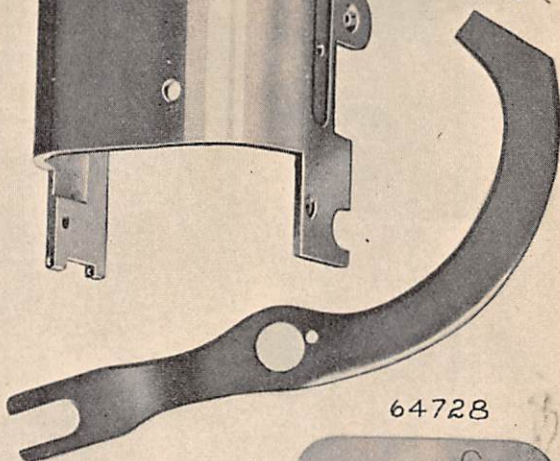
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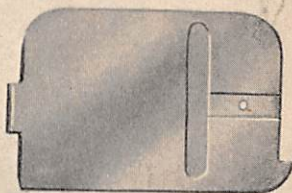
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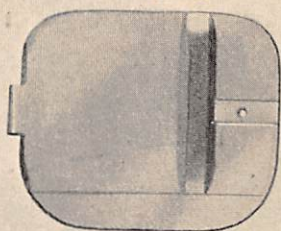
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64703



64788

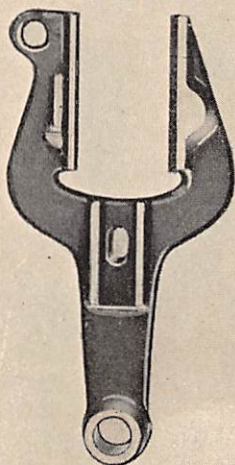


PLATE 8491—FULL SIZE

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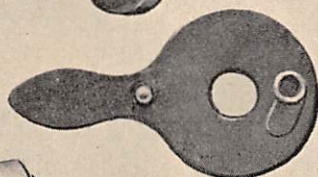
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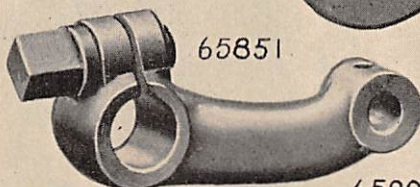
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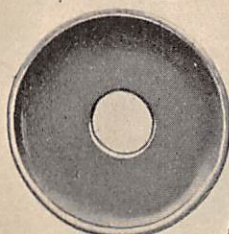
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65851



32191



32193

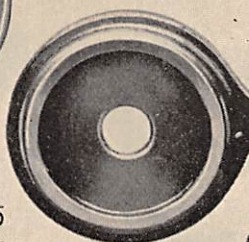


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32194

32192



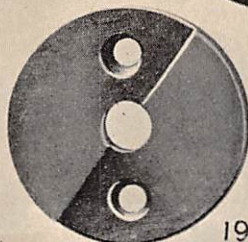
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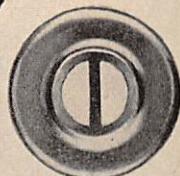
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32195



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22430



64754

54515



5480



19046



19045



PLATE 8492—FULL SIZE

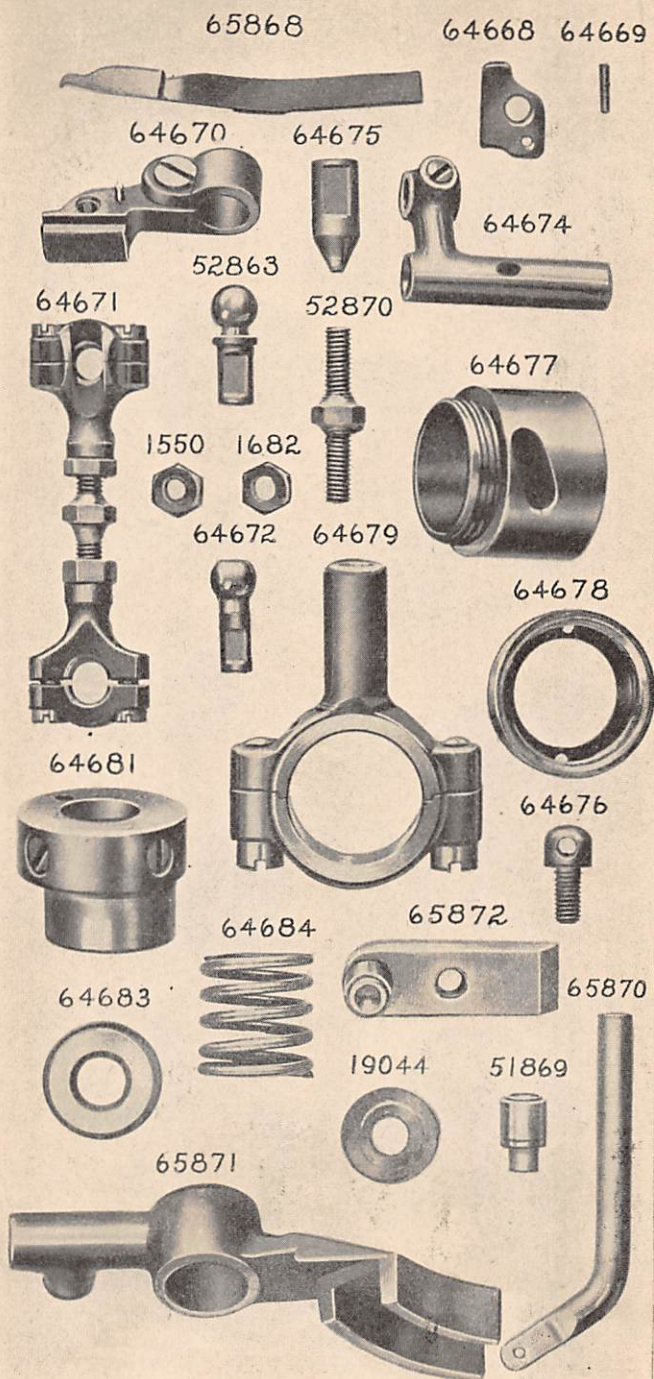


PLATE 8493—FULL SIZE

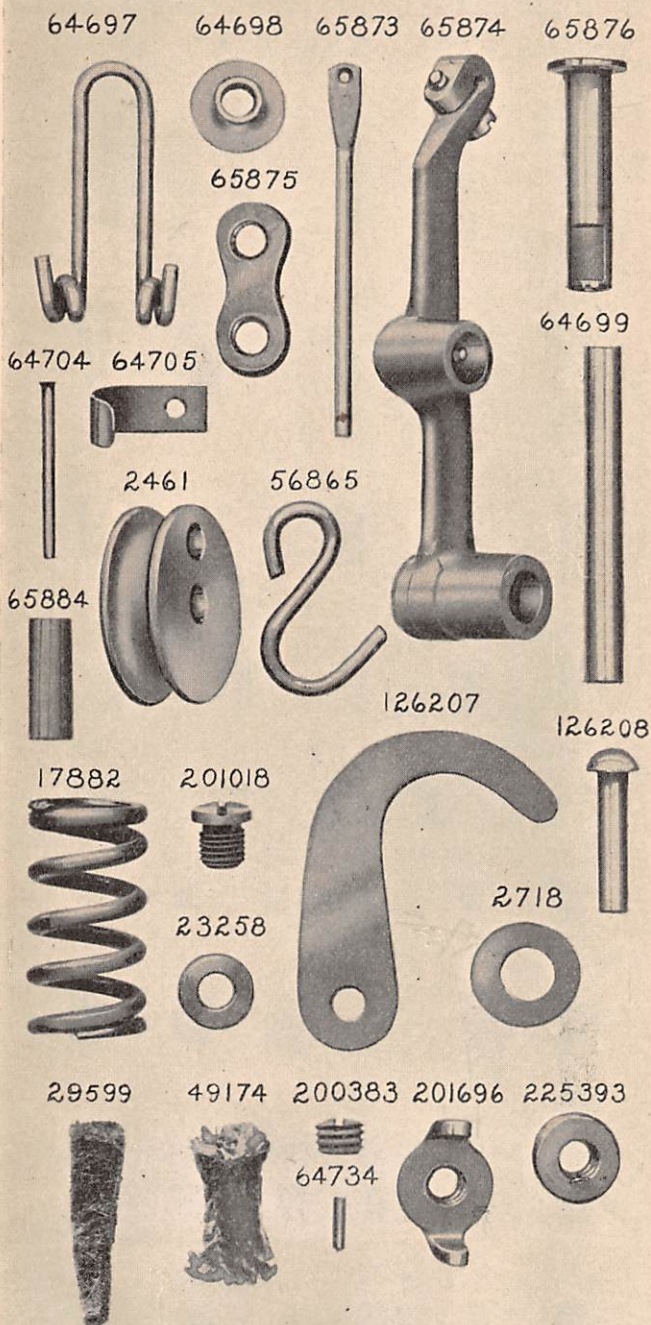


PLATE 8494—FULL SIZE

50649



133



50258



935



129



896



50623



898



50128



50624



185



50385



1029



50628



202



208



1253



211



219



212



1467



50117



217



230



1230



228



50438



665



460



1019



735



430



435



443



446



50380



448



889



50429



1259



624



453



1133



457



50014



465



456



50311



PLATE 8495—FULL SIZE

50626



50625



1184



836



89



92



50383



1012



1319



399



393



1302



1472



50012



50629



50627



50581



1390



50558



330



337



1627



1539



1712



1518



1517



1636



1520



1547



1607



PLATE 8496—ONE-HALF SIZE

58844



8908



120346



23535



22003



11831



4879



120347



17881



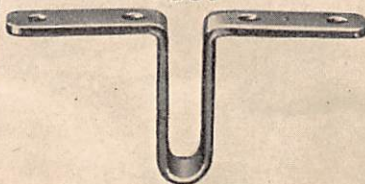
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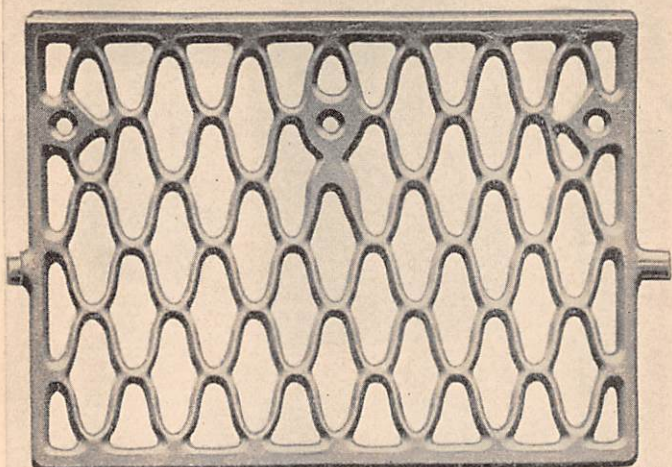


64708



PLATE 8497—ONE-FOURTH SIZE

126036



126038



126205



60858



46681



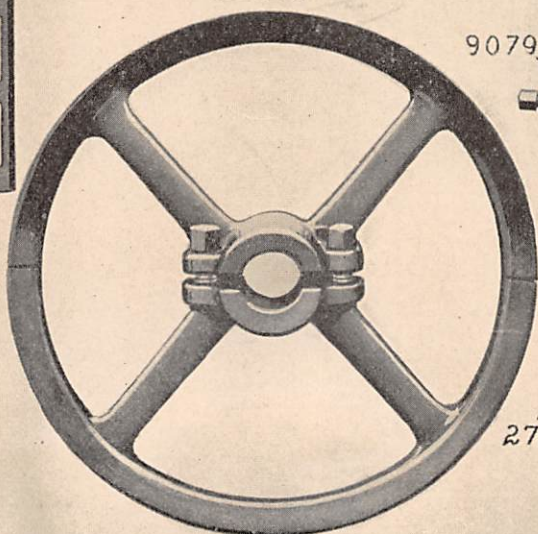
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27070

27639

9079



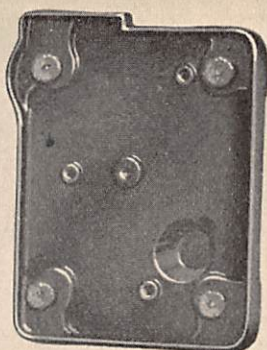
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PLATE 8498—ONE-SIXTH SIZE

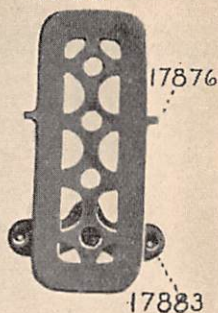
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64706



17884



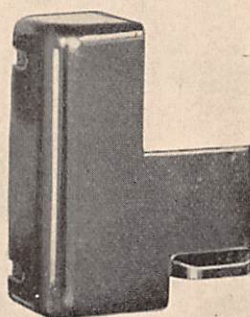
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17883

41044



64772



41045





