

FORM 18831  
APRIL, 1935  
PRINTED IN U. S. A.

# LIST OF PARTS



## MACHINES

Nos. 159-1 and 159-2

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**THE SINGER MANUFACTURING COMPANY**

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## INSTRUCTIONS FOR OILING

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To ensure easy running and prevent unnecessary wear, the parts which are in movable contact should be oiled, and when the machine is in continuous use, it should be oiled at least twice each day.

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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.

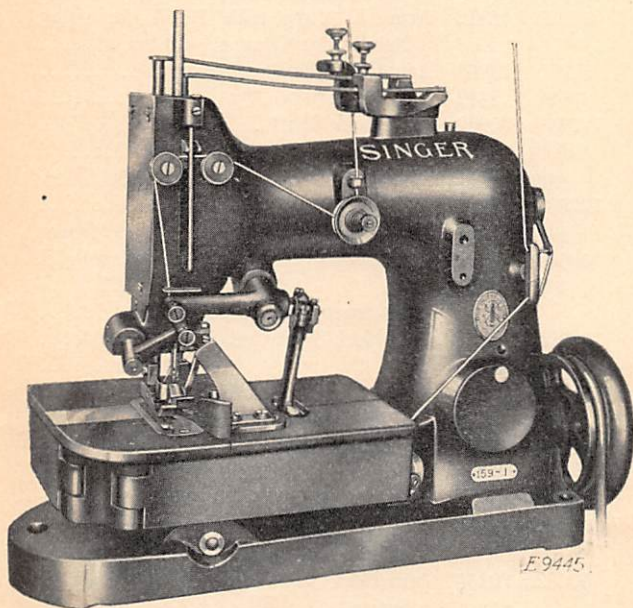
In this series:

- 1 to 1500 and 50001 to 51500 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 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. 159-1

FOR OVEREDGING HEAVY BURLAP BAGS WITH FLAX, JUTE OR HEMP TWINE; ALSO FOR FELT PADDING, CARPETS, ETC., UP TO  $\frac{3}{8}$  INCH IN THICKNESS.

TWO-THREAD CHAIN STITCH. ONE NEEDLE. SPREADER AND LOOPER. BIGHT  $\frac{1}{2}$  INCH, LENGTH OF STITCH  $\frac{3}{8}$  TO  $\frac{5}{8}$  INCH. NEEDLE BAR STROKE  $2\frac{1}{4}$  INCHES.

TWO INDEPENDENT PRESSER BARS AND HINGED PRESSER FEET. FOOT LIFTER. BALANCE WHEEL NO. 122007. DIAMETER OF BELT GROOVE  $4\frac{3}{8}$  INCHES.

SPEED 1600.

OBSOLETE, SUPERSEDED BY 159-2 MACHINE

NO.	PLATE	NAME
*132301	—	Arm, upper and lower (solid) with 15404 and two 15405.....
49091	8812	Arm Oil Tube with 49092, for oiling Crank Connecting Rod (lower bearing)



NO.	PLATE	NAME
52084	8812	Arm Oil Tube with 52045, for oiling Arm Rock Shaft Intermediate Bearing....
52630	8812	Arm Oil Tube with 49092, for oiling Crank Connecting Rod (upper bearing)
56003	8812	Arm Oil Tube with 52045, for oiling Needle Bar Connecting Link.....
52045	20964	Arm Oil Tube Packing (wick).....
49092	8812	" " " " (felt).....
122097	20963	" Rock Shaft.....
49003	8801	" " " Bushing (back).....
448c	8801	" " " " " Set Screw
122003	8801	" " " " (front).....
448c	8801	" " " " " Set Screw
49004	8801	" " " " (intermediate)
448c	8801	" " " " " Set Screw.....
132302	20955	Arm Rock Shaft Collar with two 443c. .
443c	8801	" " " " Set Screw.....
132303	20955	" " " Crank (back) with 50582c and two 51157c.....
50582c	20955	Arm Rock Shaft Crank (back) Position Screw.....
51157c	20955	Arm Rock Shaft Crank (back) Set Screw
122099	20955	" " " " (front) with 50582c and 51157c.....
50582c	20955	Arm Rock Shaft Crank (front) Position Screw.....
51157c	20955	Arm Rock Shaft Crank (front) Set Screw
49005	8801	" " " Flanged Bushing (front)
448c	8801	" " " " " " " Set Screw.....
132304	20963	Arm Rotary Shaft.....
132368	—	" " " 132304 with 122086.
49011	8801	" " " Bushing (front)....
430c	8801	" " " " " Set Screw.....
49010	8801	Arm Rotary Shaft Collar with two 1259c
1259c	8801	" " " " Set Screw.....
49012	20959	" " " Flanged Bushing (back) with 49013 and 49093.....
49093	20964	Arm Rotary Shaft Flanged Bushing (back) Oil Pad, long (braided cotton)
49013	8812	Arm Rotary Shaft Flanged Bushing (back) Oil Pad, short (braided cotton)
159f	20957	Arm Rotary Shaft Flanged Bushing (back) Screw.....

NO.	PLATE	NAME
49014	8801	Arm Rotary Shaft Flanged Bushing (intermediate).....
448c	8801	Arm Rotary Shaft Flanged Bushing (intermediate) Set Screw.....
64805	8812	Arm Rotary Shaft Oil Pad (braided cotton) for Front Bearing.....
64805	8812	Arm Rotary Shaft Oil Pad (braided cotton) for Intermediate Bearing....
4288	20959	Arm Side Cover (back).....
51224w	20967	" " " " Thumb Screw..
4288	20959	" " " (front).....
51224w	20967	" " " " Thumb Screw..
122007	20963	Balance Wheel, 4 $\frac{3}{8}$ in. diam., with two 430c.....
430c	8801	Balance Wheel Set Screw.....
132305	20963	Cloth Plate with two 132306.....
132306	20964	" " Oil Tube with 49092, for oiling Feed Eccentric Connection....
132306	20964	Cloth Plate Oil Tube with 49092, for oiling Looper Rock Shaft Connecting Rod.....
49092	8812	Cloth Plate Oil Tube Packing (felt)....
132307	20955	" " Slide.....
132308	—	Cloth Plate complete, Nos. 132305, 132307, 132323, 132324, two each 42005, 52716 and four 217J.....
50467F	20957	Cloth Plate Screw.....
122012	20959	Crank Connecting Rod with 896E, 49109 and two 145E.....
122086	—	Crank Connecting Rod 122012 with 1513J and 50147c.....
896E	20957	Crank Connecting Rod Adjusting Screw
49109	8801	" " " " Washer
145E	20957	" " " Cap Screw.....
50147C	20957	" " " Hinge Screw....
1513J	20958	" " " " " Nut
132309	20959	Face Plate.....
193E	20957	" " Screw.....
132310	20953	Feed Bar.....
132311	—	Feed Bar complete, Nos. 190J, 457c, 1258c, 122016, 122017, 132310, 132312 and two 704c.....
122016	20953	Feed Bar Extension.....
704c	20953	" " " Screw.....
52716	20953	" " Hinge Pin.....
1258c	8801	" " " " Set Screw.....
122017	20964	" " Oil Pad (braided cotton)....



NO.	PLATE	NAME
132312	20953	Feed Bar Wearing Plate.....
190J	20953	" " " " Screw.....
132313	20952	" Dog, 13 teeth (5½ teeth to the inch) for 132357 and 132359.....
157E	20957	Feed Dog Screw.....
457C	20957	" " Stop Screw.....
132314	20961	" Eccentric with two 1036c.....
132315	20961	" " Connection with 2653, 4784 and two 145E.....
145E	20957	Feed Eccentric Connection Cap Screw..
4784	8812	" " " Oil Pad (felt)
2653	8812	" " " " " Pin..
1036C	20957	" " Set Screw.....
122023	8801	" Lifting Cam with 1258c.....
1258C	8801	" " " Set Screw.....
50086C	20957	" Regulating Screw Stud.....
1714C	20957	" " " " Nut.....
49031	8801	" " " " Sleeve.....
49032	8801	" " " " Washer....
132317	20961	" Rock Shaft with two 1258c.....
132358	20961	" " " Hinge Pin.....
122026	8801	" " " " " Bushing....
453C	20957	" " " " " " Set Screw.....
1258C	8801	Feed Rock Shaft Hinge Pin Set Screw...
132318	20961	Finger Guard.....
132319	20961	Guide.....
132320	20961	" Finger.....
203J	20957	" " Screw.....
690J	20957	" Screw.....
9525	8801	" " Washer.....
132321	20952	Looper.....
132322	20955	" Eccentric with two 1036c.....
1036C	20957	" " Set Screw.....
132323	20963	" Gate (left) with 1259c.....
132324	20963	" " (right) with 1259c.....
52716C	20953	" " Hinge Pin.....
1259C	8801	" " " " Set Screw.....
42005	20965	" " Lock Spring.....
217J	20958	" " " " Screw.....
132325	20960	" Rock Shaft with two each 1120c and 1259c.....
132326	20962	Looper Rock Shaft Connecting Rod with two each 127E and 158E.....
132365	—	Looper Rock Shaft Connecting Rod 132326 with 132322 and 132327.....

NO.	PLATE	NAME
132327	20958	Looper Rock Shaft Connecting Rod Ball Screw Stud (eccentric).....
1513C	20958	Looper Rock Shaft Connecting Rod Ball Screw Stud Nut.....
158E	20957	Looper Rock Shaft Connecting Rod Cap (lower) Screw.....
127E	20957	Looper Rock Shaft Connecting Rod Cap (upper) Screw.....
42077	20958	Looper Rock Shaft Connecting Rod Guide.....
171E	20958	Looper Rock Shaft Connecting Rod Guide Screw.....
132358	20961	Looper Rock Shaft Hinge Pin.....
132330	20961	" " " " " Bushing
448C	8801	" " " " " " "
		Set Screw.....
68350	20964	Looper Rock Shaft Hinge Pin Oil Cup...
1259C	8801	" " " " " Set Screw
1120C	20957	" Set Screw.....
122042	20962	Needle Bar (hollow).....
122043	20958	" " Bushing (lower).....
452C	20957	" " " " " Set Screw..
122044	20958	" " " (upper).....
452C	20957	" " " " " Set Screw..
*49101	20958	" " Connecting Link.....
49057	20958	" " " " " Hinge Stud
1517J	20958	" " " " " " "
		Nut.....
122045	20958	Needle Bar Connecting Stud with two 1454E.....
1454E	20958	Needle Bar Connecting Stud Clamping Screw.....
1753C	20957	Needle Clamping Nut.....
122048	20962	Presser Bar (left).....
59033	20954	" " " Bushing (lower)....
452C	20957	" " " " " S e t Screw.....
122049	20954	Presser Bar (left) Bushing (upper)....
452C	20957	" " " " " S e t Screw.....
124193	20954	Presser Bar (left) Collar with two 1253C
1253C	20954	" " " " " Set Screw....
122050	20953	" " " Lifting Bracket with 1258C.....
1258C	8801	Presser Bar (left) Lifting Bracket Set Screw.....
122051	20962	Presser Bar (right).....



NO.	PLATE	NAME
59033	20954	Presser Bar (right) Bushing (lower)....
452c	20957	“ “ “ “ “ Set
		Screw.....
122049	20954	Presser Bar (right) Bushing (upper)....
452c	20957	“ “ “ “ “ Set
		Screw.....
122052	20953	Presser Bar (right) Lifting Bracket with
		1258c.....
1258c	8801	Presser Bar (right) Lifting Bracket Set
		Screw.....
122053	20959	Presser Bar Lifter.....
42007	20954	“ “ “ Hinge Pin.....
452c	20957	“ “ “ “ “ Set Screw.
122054	20960	“ “ Spring (flat).....
122055	20960	“ “ Bracket.....
1396J	20957	“ “ “ “ Screw.....
38468	20965	“ “ “ Stud.....
132331	20951	“ Foot (left) Finger Guard... ..
337J	20951	“ “ “ “ “ Screw.
132332	—	“ “ “ Plate.....
646F	20951	“ “ “ “ Hinge Screw..
122057	—	“ “ “ Shank.....
132333	20951	Presser Foot (left, hinged) complete,
		Nos. 646F, 122057, 132331, 132332 and
		two 337J... ..
898F	20951	Presser Foot (left) Screw.....
132334	—	“ “ (right) Plate.....
646F	20951	“ “ “ “ Hinge Screw.
122060	—	“ “ “ Shank.....
132335	20951	Presser Foot (right, hinged) complete,
		Nos. 646F, 122060 and 132334.....
898F	20951	Presser Foot (right) Screw.....
574J	20957	Pressure Regulating Thumb Screw....
1539J	20957	“ “ “ “ Lock
		Nut.....
132336	20952	Spreader.....
132322	20955	“ Eccentric with two 1036c....
1036c	20957	“ “ Set Screw.....
132337	20954	“ Holder with two 1120c.....
50562c	20954	“ “ Hinge Screw.....
1520J	20954	“ “ “ “ Nut....
132338	20954	“ “ Crank.....
42053	20954	“ “ “ Hinge Stud....
132339	20954	“ “ “ “ “ Bush-
		ing.....
1259c	8801	Spreader Holder Crank Hinge Stud Bush-
		ing Set Screw.....

NO.	PLATE	NAME
132340	20960	Spreader Lever.....
132327	20958	" " Ball Screw Stud (eccentric).....
1513C	20958	Spreader Lever Ball Screw Stud Nut...
132341	20960	" " Connecting Rod with 171E, 42077, 68350, 128845 and two each 127E and 158E. ....
132366	—	Spreader Lever Connecting Rod 132341 with 132322 and 132327. ....
127E	20957	Spreader Lever Connecting Rod Cap (lower) Screw.....
158E	20957	Spreader Lever Connecting Rod Cap (upper) Screw.....
42077	20958	Spreader Lever Connecting Rod Guide
171E	20958	" " " " " Screw. ....
68350	20964	Spreader Lever Connecting Rod Oil Cup
128845	20964	" " " " " Pad (braided cotton).....
132344	20954	Spreader Lever Shaft.....
64836	20954	" " " Collar with two 1259c. ....
1259c	8801	Spreader Lever Shaft Collar Set Screw.
1513J	20958	" " " Nut.....
1120c	20957	" Set Screw.....
122062	20956	Tension (looper thread) Disc.....
51570c	20956	" " " Regulating Thumb Nut.....
50261c	20956	Tension (looper thread) Screw Stud
132360	—	" " " " " 50261c with 51570c.....
122063	20956	Tension (looper thread) Screw Stud Sleeve.....
42336	20956	Tension (looper thread) Spring.....
59537	20967	" " " " Bushing
122064	20956	" " " Thread Eyelet
447C	20956	" " " " " Set Screw.....
122062	20956	Tension (needle thread) Disc.....
51570c	20956	" " " Regulating Thumb Nut.....
50261c	20956	Tension (needle thread) Screw Stud
132360	—	" " " " " 50261c with 51570c.....
122063	20956	Tension (needle thread) Screw Stud Sleeve.....



NO.	PLATE	NAME
132369	20956	Tension (needle thread) Spring.....
59537	20967	" " " " Bushing
122064	20956	" " " " Thread Eyelet
447c	20956	" " " " " "
		Set Screw.....
132345	20956	Thread (looper) Controller.....
132346	20965	" " " Eccentric
		with two 200c.....
132347	20958	Thread (looper) Controller Eccentric
		Connecting Rod with two each 171E
		and 896E.....
132367	—	Thread (looper) Controller Eccentric
		Connecting Rod 132347 with 193J,
		55034, 132346 and 132348.....
132348	20958	Thread (looper) Controller Eccentric
		Connecting Rod Ball Stud.....
1259c	8801	Thread (looper) Controller Eccentric
		Connecting Rod Ball Stud Set Screw.
896E	20957	Thread (looper) Controller Eccentric
		Connecting Rod Cap (large) Screw...
171E	20958	Thread (looper) Controller Eccentric
		Connecting Rod Cap (small) Screw..
55034	20958	Thread (looper) Controller Eccentric
		Connecting Rod Guide.....
193J	20957	Thread (looper) Controller Eccentric
		Connecting Rod Guide Screw.....
200c	20965	Thread (looper) Controller Eccentric
		Set Screw.....
132351	20960	Thread (looper) Controller Lever with
		1259c.....
42053	20954	Thread (looper) Controller Lever Hinge
		Stud.....
453c	20957	Thread (looper) Controller Lever Hinge
		Stud Set Screw.....
190J	20953	Thread (looper) Controller Screw.....
58800	20956	" " Guide Roller.....
132352	20956	" " " " Cover.....
1042c	20956	" " " " Screw.....
122065	20965	" (upper) Guide (side of arm).....
457c	20957	" " " " " " Set
		Screw.....
132363	20956	Thread (upper) Guide Roller (side of arm)
132364	20956	" " " " Cover.....
1042c	20956	" " " " Screw.....
132353	20956	" " Pull-off.....
1520R	20954	" " " Nut.....
132354	20956	" " Take-up.....

NO.	PLATE	NAME
1454J	20958	Thread (upper) Take-up Screw.....
132355	20964	" " " Stripper.....
1120c	20957	" " " " Set Screw
132356	20956	" Eyelet, double (side of arm).....
447c	20956	" " " " " " Set Screw.....
132357	20952	Throat Plate (large needle hole) for 132313.....
132359	20951	Throat Plate (small needle hole) for 132313.....
742F	20957	Throat Plate Screw.....
*15404	—	Trade Mark.....
15405	—	" " Rivet.....

Genuine 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

# **LIST OF PARTS COMPLETE** **FOR** **MACHINE No. 159-2**

FOR OVEREDGING HEAVY BURLAP BAGS WITH FLAX, JUTE OR HEMP TWINE; ALSO FOR FELT PADDING, ETC., UP TO  $\frac{1}{2}$  INCH IN THICKNESS.

TWO-THREAD CHAIN STITCH. ONE NEEDLE. SPREADER AND LOOPER. BIGHT  $\frac{1}{2}$  INCH. LENGTH OF STITCH  $\frac{3}{8}$  TO  $\frac{5}{8}$  INCH. NEEDLE BAR STROKE  $2\frac{3}{8}$  INCHES. TWO INDEPENDENT PRESSER BARS AND HINGED PRESSER FEET. FOOT LIFTER. BALANCE WHEEL 122007. DIAMETER OF BELT GROOVE  $4\frac{3}{8}$  INCHES.

SPEED 1600.

This Machine is the same as 159-1  
with the following exceptions:

NO.	PLATE	NAME
132397	20966	Arm Rotary Shaft, in place of 132304. ...
132398	—	“ “ “ 132397 with 122086, in place of 132368. ....
132371	20966	Cloth Plate with two 132306, in place of 132305. ....
132372	—	Cloth Plate complete, Nos. 132307, 132371, 132377, 132378, 132399, two 42005 and four 217J, in place of 132308
132373	20968	Feed Dog, 15 teeth ( $5\frac{1}{4}$ teeth to the inch) for 132396, in place of 132313. ....
50073E	20967	Feed Dog Screw, in place of 157E. ....
132374	20969	“ Eccentric Connection with 896E, 2653, 4784, 49109 and two 145E, in place of 132315. ....
896E	20957	Feed Eccentric Connection (back bearing) Adjusting Screw. ....
49109	8801	Feed Eccentric Connection (back bearing) Adjusting Screw Washer. ....
132376	20968	Guide Finger, in place of 132318. ....
132400	20971	“ “ for overedging felt padding
132377	20966	Looper Gate (left) with 1259c, in place of 132323. ....
132378	20966	Looper Gate (right) in place of 132324. ...
132399	20967	“ “ Hinge Pin, in place of 52716
132379	20967	Presser Foot (left) Finger Guard, in place of 132331. ....
132380	—	Presser Foot (left) Plate, in place of 132332. ....



NO.	PLATE	NAME
132381	20967	Presser Foot (left) Seam Guide.....
217J	20958	" " " " " Screw..
132382	—	" " " Shank, in place of 122057.....
132383	20967	Presser Foot (left, hinged) with Seam Guide complete, Nos. 217J, 646F, 132379 to 132382 and two 337J, in place of 132333.....
132384	—	Presser Foot (right) Plate, in place of 132334.....
132385	—	Presser Foot (right) Shank, in place of 122060.....
132386	20967	Presser Foot (right, hinged) complete, Nos. 646F, 132384 and 132385, in place of 132335.....
132401	20971	Presser Foot Tape Guide, for overedging felt padding.....
236J	20971	Presser Foot Tape Guide Screw.....
132387	20968	Spreader, in place of 132336.....
132388	20967	" Eccentric with two 1036c, in place of 132322.....
132389	20968	Spreader Holder with three 1120c, in place of 132337.....
132390	20968	Spreader Holder Crank, in place of 132338.....
132391	20967	Spreader Holder Crank Hinge Stud Bushing, in place of 132339. ....
51407C	20967	Spreader Holder Crank Hinge Stud Bushing Clamping Screw, in place of 1259c.....
1373C	20967	Spreader Holder Hinge Screw, in place of 50562c.....
1650J	20967	Spreader Holder Hinge Screw Nut, in place of 1520J.....
132392	20969	Spreader Lever, in place of 132340.....
132393	—	" " Connecting Rod 132341 with 132327 and 132388, in place of 132366.....
132394	20967	Thread (looper) Controller, in place of 132345.....
132395	20969	Thread (looper) Controller Lever with 1259c, in place of 132351.....
51408E	20967	Thread (looper) Controller Screw, in place of 190J.....
132363	20956	Thread Looper Guide Roller, in place of 58800.....



NO.	PLATE	NAME
132396	20968	Throat Plate, in place of 132357 and 132359 (for heavy Burlap Bags, Jute or Hemp Twine, Needles No. 29 to No. 34) for 132373.....

NOTE: Throat Plate No. 132396 is furnished with this Machine unless otherwise specified on order

132403	—	Throat Plate (for Felt Padding, light Burlap Bags, light Thread, Needles No. 24 to No. 28) for 132373.....
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## ACCESSORIES

NO.	PLATE	NAME
4718	8812	Machine Base Cushion (felt).....
50144J	8811	" " Thumb Screw with 49095
49095	8812	" " " " Washer...
120344	8811	Oiler (copper plated) with 120345.....
120345	8811	" Spout, 5 in. long.....
11831	8811	Screw Driver (large).....
26026	8811	" " (small).....
120341	20964	Tweezers (curved).....
8909	8811	Wrench for 1513 and 1517.....
8908	8811	" " 1753.....
49079	20960	" " 1714.....
132405	—	" " 132327.....

## MACHINE BASE

NO.	PLATE	NAME
49123	8812	Machine Base Oil Pipe.....
49124	8812	" " " " Valve.....
50468E	20957	" Screw.....
122084	8812	" Washer (leather).....
122080	8810	" Base with 49123, 49124 and three each 50468E and 122084.....

## FOLD GUIDE

NO.	PLATE	NAME
120895	20961	Fold Guide.....
132320	20961	" " Finger.....
217J	20958	" " " Screw.....
120896	20961	Fold Guide complete, Nos. 120895, 132320 and two 217J.....
690J	20957	Fold Guide Screw.....
9525	8801	" " " Washer.....

## 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	8811	Chain Connecting Link.....
56864	8811	" Hook (large).....
56865	8812	" " (small).....
122081	8810	Lifting Lever.....
122082	20965	" " Connection.....
802D	20957	" " Hinge Screw.....
16069	20961	" " Spring.....
871E	20957	" " Stop Screw.....
4881	8810	Treadle.....
4882	8811	" Shaft.....
4883	8811	" Spring.....
4884	8810	" Stand.....
4885	8810	Treadle complete, Nos. 4879, 4881 to 4884 and two wood screws 1 in. No. 16
122083	—	Foot Lifter complete, Nos. 802D, 871E, 4885, 6439, 16069, 122081 and 122082

## TAPE HOLDER

### FOR BINDING FELT PADS WITH TAPE

NO.	PLATE	NAME
26912	20970	Tape Holder Bracket Wire.....
51137C	20971	" " " " Set Screw..
26913	—	Tape Holder Bracket Wire complete, Nos. 26912, 26915 and 26919.....
26915	20970	Tape Holder Disc (8 inch).....
26069	—	" " " Hub.....
26917	20970	Tape Holder Disc complete, Nos. 26069 and 26915.....
26919	20970	Tape Holder Tape Guide.....
26073	—	" " Tension Adjusting Collar with 286B.....
13211	20971	Tape Holder Tension Adjusting Collar Spring.....
286B	20971	Tape Holder Tension Adjusting Collar Thumb Screw.....
28809	20970	Tape Holder (straight, 8 inch disc) complete, Nos. 13211, 26073, 26913 and 26917.....

NOTE: Tape Holder complete No. 28809 is not furnished with machine unless specified on order

# THREAD UNWINDER

## FOR TWO SPOOLS

NO.	PLATE	NAME
225257	20335	Spool Rest with 201018c.....
150203	20335	" " Cushion (felt).....
225388	20335	" " Rod.....
200383c	20965	" " " Set Screw.....
201018c	20957	" " Set Screw.....
202490	20335	" Stand with 200383c.....
225391	20335	Thread Guide.....
201696J	20965	" " Lock Nut.....
225326	20965	" " Position Cup.....
225324	20335	" " Rod with 208E and 225322
208E	20957	" " " Screw.....
225322	20965	" " " Washer.....
225258	20335	Thread Unwinder complete, Nos. 201696J, 202490, 225257, 225324, 225326, 225388, two 225391 and three wood screws $\frac{7}{8}$ in. No. 12...
27739	20962	Thread Cone (wood) for large cones....
225390	20962	" " Holder, for inverted cones

NOTE: Nos. 27739 and 225390 are used with,  
but not included in 225258.

Genuine 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



**NUMERICAL LIST OF PARTS**  
**FOR**  
**MACHINES**  
**Nos. 159-1 and 159-2**



## NUMERICAL LIST OF PARTS

NO.	PLATE	NAME
127E	20957	Looper Rock Shaft Connecting Rod Cap (upper) Screw for 132326. ....
127E	20957	Spreader Lever Connecting Rod Cap (lower) Screw for 132341. ....
145E	20957	Crank Connecting Rod Cap Screw for 122012. ....
145E	20957	Feed Eccentric Connection Cap Screw for 132315 and 132374. ....
157E	20957	Feed Dog Screw for 159-1 Machine, ob- solete. ....
158E	20957	Looper Rock Shaft Connecting Rod Cap (lower) Screw for 132326. ....
158E	20957	Spreader Lever Connecting Rod Cap (upper) Screw for 132341. ....
159F	20957	Arm Rotary Shaft Flanged Bushing (back) Screw. ....
171E	20958	Looper Rock Shaft Connecting Rod Guide Screw. ....
171E	20958	Spreader Lever Connecting Rod Guide Screw for 132341. ....
171E	20958	Thread (Looper) Controller Eccentric Connecting Rod Cap (small) Screw for 132347. ....
190J	20953	Feed Bar Wearing Plate Screw for 132311
190J	20953	Thread (Looper) Controller Screw for 159-1 Machine, obsolete. ....
193E	20957	Face Plate Screw. ....
193J	20957	Thread (Looper) Controller Eccentric Connecting Rod Guide Screw for 132367. ....
200C	20965	Thread (Looper) Controller Eccentric Set Screw for 132346. ....
203J	20957	Guide Finger Screw. ....
208E	20957	Thread Unwinder Thread Guide Rod Screw for 225324. ....
217J	20958	Fold Guide Finger Screw for 120896. ...
217J	20958	Looper Gate Lock Spring Screw for 132308 and 132372. ....
217J	20958	Presser Foot (left) Seam Guide Screw for 132383. ....
236J	20971	Presser Foot Tape Guide Screw. ....
286B	20971	Tape Holder Tension Adjusting Collar Thumb Screw. ....

NO.	PLATE	NAME
337J	20951	Presser Foot (left) Finger Guard Screw for 132333 and 132383.....
430c	8801	Arm Rotary Shaft Bushing (front) Set Screw.....
430c	8801	Balance Wheel Set Screw for 122007...
443c	8801	Arm Rock Shaft Collar Set Screw for 132302.....
447c	20956	Tension (looper thread) Thread Eyelet Set Screw.....
447c	20956	Tension (needle thread) Thread Eyelet Set Screw.....
447c	20956	Thread Eyelet, double (side of arm) Set Screw.....
448c	8801	Arm Rock Shaft Bushing (back) Set Screw.....
448c	8801	Arm Rock Shaft Bushing (front) Set Screw.....
448c	8801	Arm Rock Shaft Bushing (intermediate) Set Screw.....
448c	8801	Arm Rock Shaft Flanged Bushing (front) Set Screw.....
448c	8801	Arm Rotary Shaft Flanged Bushing (intermediate) Set Screw.....
448c	8801	Looper Rock Shaft Hinge Pin Bushing Set Screw.....
452c	20957	Needle Bar Bushing (lower) Set Screw..
452c	20957	“ “ “ (upper) Set Screw..
452c	20957	Presser Bar (left) Bushing (lower) Set Screw.....
452c	20957	Presser Bar (left) Bushing (upper) Set Screw.....
452c	20957	Presser Bar (right) Bushing (lower) Set Screw.....
452c	20957	Presser Bar (right) Bushing (upper) Set Screw.....
452c	20957	Presser Bar Lifter Hinge Pin Set Screw..
453c	20957	Feed Rock Shaft Hinge Pin Bushing Set Screw.....
453c	20957	Thread (looper) Controller Lever Hinge Stud Set Screw.....
457c	20957	Feed Dog Stop Screw for 132311.....
457c	20957	Thread (upper) Guide (side of arm) Set Screw.....
574J	20957	Pressure Regulating Thumb Screw.....
646F	20951	Presser Foot (left) Plate Hinge Screw for 132333 and 132383.....



## NUMERICAL LIST OF PARTS

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NO.	PLATE	NAME
646F	20951	Presser Foot (right) Plate Hinge Screw for 132335 and 132386.....
690J	20957	Fold Guide Screw.....
690J	20957	Guide Screw.....
704c	20953	Feed Bar Extension Screw for 132311..
742F	20957	Throat Plate Screw.....
802D	20957	Lifting Lever Hinge Screw for 122083..
871E	20957	“ “ Stop Screw for 122083...
896E	20957	Crank Connecting Rod Adjusting Screw for 122012.....
896E	20957	Feed Eccentric Connection (back bearing) Adjusting Screw for 132374.....
896E	20957	Thread (looper) Controller Eccentric Connecting Rod Cap (large) Screw for 132347.....
898F	20951	Presser Foot (left) Screw.....
898F	20951	“ “ (right) Screw.....
1036c	20957	Feed Eccentric Set Screw for 132314..
1036c	20957	Looper Eccentric Set Screw for 132322..
1036c	20957	Spreader Eccentric Set Screw for 132322 and 132388.....
1042c	20956	Thread (looper) Guide Roller Screw....
1042c	20956	“ (upper) Guide Roller Screw....
1120c	20957	Looper Set Screw for 132325.....
1120c	20957	Spreader Set Screw for 132337 and 132389
1120c	20957	Thread (upper) Take-up Stripper Set Screw.....
1253c	20954	Presser Bar (left) Collar Set Screw for 124193.....
1258c	8801	Feed Bar Hinge Pin Set Screw for 132311
1258c	8801	“ Lifting Cam Set Screw for 122023..
1258c	8801	“ Rock Shaft Hinge Pin Set Screw for 132317.....
1258c	8801	Presser Bar (left) Lifting Bracket Set Screw for 122050.....
1258c	8801	Presser Bar (right) Lifting Bracket Set Screw for 122052.....
1259c	8801	Arm Rotary Shaft Collar Set Screw for 49010.....
1259c	8801	Looper Gate Hinge Pin Set Screw for 132323, 132324 and 132377.....
1259c	8801	Looper Rock Shaft Hinge Pin Set Screw for 132325.....
1259c	8801	Spreader Holder Crank Hinge Stud Bushing Set Screw for 159-1 Machine, obsolete.....



NO.	PLATE	NAME
1259C	8801	Spreader Lever Shaft Collar Set Screw for 64836. ....
1259C	8801	Thread (looper) Controller Eccentric Connecting Rod Ball Stud Set Screw for 132351 and 132395. ....
1373C	20967	Spreader Holder Hinge Screw for 159-2 Machine, in place of 50562c. ....
1396J	20957	Presser Bar Spring Bracket Screw. ....
1454E	20958	Needle Bar Connecting Stud Clamping Screw for 122045. ....
1454J	20958	Thread (upper) Take-up Screw. ....
1513J	20958	Crank Connecting Rod Hinge Screw Nut for 122086. ....
1513C	20958	Looper Rock Shaft Connecting Rod Ball Screw Stud Nut. ....
1513C	20958	Spreader Lever Ball Screw Stud Nut. ....
1513J	20958	" " Shaft Nut. ....
1517J	20958	Needle Bar Connecting Link Hinge Stud Nut. ....
1520J	20954	Spreader Holder Hinge Screw Nut for 159-1 Machine, obsolete. ....
1520R	20954	Thread (upper) Pull-off Nut. ....
1539J	20957	Pressure Regulating Thumb Screw Lock Nut. ....
1650J	20967	Spreader Holder Hinge Screw Nut for 159-2 Machine, in place of 1520J. ....
1714C	20957	Feed Regulating Screw Stud Nut. ....
1753E	20957	Needle Clamping Nut. ....
2653	8812	Feed Eccentric Connection Oil Pad Pin for 132315 and 132374. ....
4288	20959	Arm Side Cover (back). ....
4288	20959	" " " (front). ....
4718	8812	Machine Base Cushion (felt) Accessories
4784	8812	Feed Eccentric Connection Oil Pad (felt) for 132315 and 132374. ....
4879	8811	Foot Lifter Chain Connecting Link for 4885. ....
4881	8810	Foot Lifter Treadle for 4885. ....
4882	8811	" " " Shaft for 4885. ....
4883	8811	" " " Spring for 4885. ....
4884	8810	" " " Stand for 4885. ....
4885	8810	Foot Lifter Treadle complete for 122083, Nos. 4879, 4881 to 4884 and two wood screws 1 in. No. 16. ....
6439	—	Foot Lifter Chain, 36 in. to 45 in., with 56864 and 56865, for 122083. ....

NO.	PLATE	NAME
8908	8811	Wrench for 1753 (Accessories).....
8909	8811	“ “ 1513 and 1517 (Accessories)
9525	8801	Fold Guide Screw Washer.....
9525	8801	Guide Screw Washer.....
11831	8811	Screw Driver (large) Accessories.....
13211	20971	Tape Holder Tension Adjusting Collar Spring for 28809.....
*15404	—	Trade Mark for 132301.....
15405	—	“ “ Rivet for 132301.....
16069	20961	Foot Lifter Lifting Lever Spring for 122083.....
26026	8811	Screw Driver (small) Accessories.....
26069	—	Tape Holder Disc Hub for 26917.....
26073	—	“ “ Tension Adjusting Collar with 286B, for 28809.....
26912	20970	Tape Holder Bracket Wire for 26913....
26913	—	Tape Holder Bracket Wire complete, Nos. 26912, 26915 and 26919, for 28809
26915	20970	Tape Holder Disc (8 inch) for 26913....
26917	20970	Tape Holder Disc complete, Nos. 26069 and 26915, for 28809.....
26919	20970	Tape Holder Tape Guide for 26913....
27739	20962	Thread Unwinder Thread Cone (wood) for large cones, for 225258.....
28809	20970	Tape Holder (straight, 8 inch disc) com- plete, Nos. 13211, 26073, 26913 and 26917.....
38468	20965	Presser Bar Spring Stud.....
42005	20965	Looper Gate Lock Spring for 132308 and 132372.....
42007	20954	Presser Bar Lifter Hinge Pin.....
42053	20954	Spreader Holder Crank Hinge Stud....
42053	20954	Thread (looper) Controller Lever Hinge Stud.....
42077	20958	Looper Rock Shaft Connecting Rod Guide
42077	20958	Spreader Lever Connecting Rod Guide for 132341.....
42336	20956	Tension (looper thread) Spring.....
49003	8801	Arm Rock Shaft Bushing (back).....
49004	8801	“ “ “ “ (intermediate)
49005	8801	“ “ “ Flanged Bushing (front)
49010	8801	“ Rotary Shaft Collar with two 1259c
49011	8801	“ “ “ Bushing (front).....
49012	20959	“ “ “ Flanged Bushing (back) with 49013 and 49093.....



NO.	PLATE	NAME
49013	8812	Arm Rotary Shaft Flanged Bushing (back) Oil Pad, short (braided cotton) for 49012. ....
49014	8801	Arm Rotary Shaft Flanged Bushing (intermediate).....
49031	8801	Feed Regulating Screw Stud Sleeve....
49032	8801	" " " " Washer...
49057	20958	Needle Bar Connecting Link Hinge Stud
49079	20960	Wrench for 1714 (Accessories).....
49091	8812	Arm Oil Tube with 49092, for oiling Crank Connecting Rod (lower bearing)
49092	8812	Arm Oil Tube Packing (felt) for 49091 and 52630.....
49092	8812	Cloth Plate Oil Tube Packing (felt) for 132306.....
49093	20964	Arm Rotary Shaft Flanged Bushing (back) Oil Pad, long (braided cotton) for 49012.....
49095	8812	Machine Base Thumb Screw Washer for 50144 (Accessories).....
*49101	20958	Needle Bar Connecting Link.....
49109	8801	Crank Connecting Rod Adjusting Washer for 122012. ....
49109	8801	Feed Eccentric Connection (back bearing) Adjusting Screw Washer for 132374..
49123	8812	Machine Base Oil Pipe for 122080.....
49124	8812	" " " " Valve for 122080
50073E	20967	Feed Dog Screw for 159-2 Machine....
50086C	20957	" Regulating Screw Stud.....
50144J	8811	Machine Base Thumb Screw with 49095 (Accessories).....
50147C	20957	Crank Connecting Rod Hinge Screw for 122086.....
50261C	20956	Tension (looper thread) Screw Stud for 132360.....
50261C	20956	Tension (needle thread) Screw Stud for 132360.....
50467F	20957	Cloth Plate Screw.....
50468E	20957	Machine Screw for 122080.....
50562C	20954	Spreader Holder Hinge Screw for 159-1 Machine, obsolete.....
50582C	20955	Arm Rock Shaft Crank (back) Position Screw for 132303.....
50582C	20955	Arm Rock Shaft Crank (front) Position Screw for 122099.....
51137C	20971	Tape Holder Bracket Wire Set Screw..



NO.	PLATE	NAME
51157c	20955	Arm Rock Shaft Crank (back) Set Screw for 132303. ....
51157c	20955	Arm Rock Shaft Crank (front) Set Screw for 122099. ....
51224w	20967	Arm Side Cover (back) Thumb Screw...
51224w	20967	" " " (front) Thumb Screw...
51407c	20967	Spreader Holder Crank Hinge Stud Bushing Clamping Screw for 159-2 Machine, in place of 1259c. ....
51408	20967	Thread (looper) Controller Screw for 159-2 Machine, in place of 190j. ....
51570c	20956	Tension (looper thread) Regulating Thumb Nut for 132360. ....
51570c	20956	Tension (needle thread) Regulating Thumb Nut for 132360. ....
52045	20964	Arm Oil Tube Packing (wick) for 52084 and 56003. ....
52084	8812	Arm Oil Tube with 52045, for oiling Arm Rock Shaft Intermediate Bearing. ....
52630	8812	Arm Oil Tube with 49092, for oiling Crank Connecting Rod (upper bearing).....
52716c	20953	Feed Bar Hinge Pin.....
52716c	20953	Looper Gate Hinge Pin for 132308, obsolete.....
55034	20958	Thread (looper) Controller Eccentric Connecting Rod Guide for 132367... ..
56003	8812	Arm Oil Tube with 52045, for oiling Needle Bar Connecting Link. ....
56864	8811	Foot Lifter Chain Hook (large) for 6439
56865	8812	" " " " (small) for 6439
58800	20956	Thread (looper) Guide Roller for 159-1 Machine, obsolete. ....
59033	20954	Presser Bar (left) Bushing (lower).....
59033	20954	" " (right) Bushing (lower)....
59537	20967	Tension (looper thread) Spring Bushing
59537	20967	" (needle thread) Spring Bushing
64805	8812	Arm Rotary Shaft Oil Pad (braided cotton) for Front Bearing.....
64805	8812	Arm Rotary Shaft Oil Pad (braided cotton) for Intermediate Bearing.....
64836	20954	Spreader Lever Shaft Collar with two 1259c. ....
68350	20964	Looper Rock Shaft Hinge Pin Oil Cup..
68350	20964	Spreader Lever Connecting Rod Oil Cup for 132341. ....
120341	20964	Tweezers (curved) (Accessories).....

NO.	PLATE	NAME
120344	8811	Oiler (copper plated) with 120345.....
120345	8811	" Spout, 5 in. long, for 120344 (Accessories).....
120895	20961	Fold Guide for 120896.....
120896	20961	Fold Guide complete, Nos. 120895, 132320 and two 217J.....
122003	8801	Arm Rock Shaft Bushing (front).....
122007	20963	Balance Wheel, $4\frac{3}{8}$ in. diam., with two 430c.....
122012	20959	Crank Connecting Rod with 896E, 49109 and two 145E, for 122086.....
122016	20953	Feed Bar Extension for 132311.....
122017	20964	" " Oil Pad (braided cotton) for 132311.....
122023	8801	Feed Lifting Cam with 1258c.....
122026	8801	" Rock Shaft Hinge Pin Bushing. .
122042	20962	Needle Bar (hollow).....
122043	20958	" " Bushing (lower).....
122044	20958	" " " (upper).....
122045	20958	" " Connecting Stud with two 1454E.....
122048	20962	Presser Bar (left).....
122049	20954	" " " Bushing (upper).....
122049	20954	" " (right) Bushing (upper)....
122050	20953	" " (left) Lifting Bracket with 1258c.....
122051	20962	Presser Bar (right).....
122052	20953	" " " Lifting Bracket with 1258c.....
122053	20959	Presser Bar Lifter.....
122054	20960	" " Spring (flat).....
122055	20960	" " " Bracket.....
122057	—	" Foot (left) Shank for 132333, obsolete.....
122060	—	Presser Foot (right) Shank for 132335, obsolete.....
122062	20956	Tension (looper thread) Disc.....
122062	20956	" (needle thread) Disc.....
122063	20956	" (looper thread) Screw Stud Sleeve
122063	20956	" (needle thread) Screw Stud Sleeve
122064	20956	" (looper thread) Thread Eyelet..
122064	20956	" (needle thread) Thread Eyelet..
122065	20965	Thread (upper) Guide (side of arm)....
122080	8810	Machine Base with 49123, 49124 and three each 50468E and 122084.....
122081	8810	Foot Lifter Lifting Lever for 122083....
122082	20965	" " " " Connection for 122083.....



## NUMERICAL LIST OF PARTS

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NO.	PLATE	NAME
122083	—	Foot Lifter complete, Nos. 802D, 871E, 4885, 6439, 16069, 122081 and 122082
122084	8812	Machine Washer (leather) for 122080..
122086	—	Crank Connecting Rod 122012 with 1513J and 50147c, for 132368 and 132398...
122097	20963	Arm Rock Shaft.....
122099	20955	" " " Crank (front) with 50582c and 51157c.....
124193	20954	Presser Bar (left) Collar with two 1253c
128845	20964	Spreader Lever Connecting Rod Oil Pad (braided cotton) for 132341. ....
*132301	—	Arm, upper and lower (solid) with 15404 and two 15405.....
132302	20955	Arm Rock Shaft Collar with two 443c..
132303	20955	" " " Crank (back) with 50582c and two 51157c.....
132304	20963	Arm Rotary Shaft for 132368, obsolete..
132305	20963	Cloth Plate with two 132306, for 132308, obsolete.....
132306	20964	Cloth Plate Oil Tube with 49092, for oiling Feed Eccentric Connection, for 132305 and 132371.....
132306	20964	Cloth Plate Oil Tube with 49092, for oiling Looper Rock Shaft Connecting Rod, for 132305 and 132371 .....
132307	20955	Cloth Plate Slide for 132308 and 132372
132308	—	Cloth Plate complete for 159-1 Machine, Nos. 132305, 132307, 132323, 132324, two each 42005, 52716 and four 217J, obsolete.....
132309	20959	Face Plate.....
132310	20953	Feed Bar for 132311.....
132311	—	Feed Bar complete, Nos. 190J, 457c, 1258c, 122016, 122017, 132310, 132312 and two 704c.....
132312	20953	Feed Bar Wearing Plate for 132311. ...
132313	20952	" Dog, 13 teeth (5½ teeth to the inch) for 159-1 Machine, for 132357 and 132359, obsolete.....
132314	20961	Feed Eccentric with two 1036c. ....
132315	20961	" " Connection with 2653, 4784 and two 145E, for 159-1 Machine, obsolete.....
132317	20961	Feed Rock Shaft with two 1258c.....
132318	20961	Finger Guard for 159-1 Machine, obsolete.....



NO.	PLATE	NAME
132319	20961	Guide.....
132320	20961	“ Finger for 120896.....
132321	20952	Looper.....
132322	20955	“ Eccentric with two 1036c, for 132365.....
132322	20955	Spreader Eccentric with two 1036c, for 132366, obsolete.....
132323	20963	Looper Gate (left) with 1259c, for 132308, obsolete.....
132324	20963	Looper Gate (right) with 1259c, for 132308, obsolete.....
132325	20960	Looper Rock Shaft with two each 1120c and 1259c.....
132326	20962	Looper Rock Shaft Connecting Rod with two each 127E and 158E, for 132365..
132327	20958	Looper Rock Shaft Connecting Rod Ball Screw Stud (eccentric) for 132365....
132327	20958	Spreader Lever Ball Screw Stud (eccen- tric) for 132366 and 132393. ....
132330	20961	Looper Rock Shaft Hinge Pin Bushing..
132331	20951	Presser Foot (left) Finger Guard for 132333, obsolete.....
132332	—	Presser Foot (left) Plate for 132333, obsolete.....
132333	20951	Presser Foot (left, hinged) complete for 159-1 Machine, Nos. 646F, 122057, 132331, 132332 and two 337J, obsolete
132334	—	Presser Foot (right) Plate for 132335, obsolete.....
132335	20951	Presser Foot (right, hinged) complete for 159-1 Machine, Nos. 646F, 122060 and 132334, obsolete. ....
132336	20952	Spreader for 159-1 Machine, obsolete...
132337	20954	“ Holder with two 1120c, for 159-1 Machine, obsolete. ....
132338	20954	Spreader Holder Crank for 159-1 Ma- chine, obsolete. ....
132339	20954	Spreader Holder Crank Hinge Stud Bush- ing for 159-1 Machine, obsolete.....
132340	20960	Spreader Lever for 159-1 Machine, ob- solete. ....
132341	20960	Spreader Lever Connecting Rod with 171E, 42077, 68350, 128845 and two each 127E and 158E, for 132366 and 132393. ....
132344	20954	Spreader Lever Shaft.....

## NUMERICAL LIST OF PARTS

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NO.	PLATE	NAME
132345	20956	Thread (looper) Controller for 159-1 Machine, obsolete.....
132346	20965	Thread (looper) Controller Eccentric with two 200c, for 132367.....
132347	20958	Thread (looper) Controller Eccentric Connecting Rod with two each 171E and 896E, for 132367.....
132348	20958	Thread (looper) Controller Eccentric Connecting Rod Ball Stud for 132367
132351	20960	Thread (looper) Controller Lever with 1259c, for 159-1 Machine, obsolete...
132352	20956	Thread (looper) Guide Roller Cover.....
132353	20956	" (upper) Pull-off.....
132354	20956	" " Take-up.....
132355	20964	" " " Stripper.....
132356	20956	" Eyelet, double (side of arm).....
132357	20952	Throat Plate (large needle hole) for 159-1 Machine, for 132313, obsolete.....
132358	20961	Feed Rock Shaft Hinge Pin.....
132358	20961	Looper Rock Shaft Hinge Pin.....
132359	20951	Throat Plate (small needle hole) for 159-1 Machine, for 132313, obsolete.....
132360	—	Tension (looper thread) Screw Stud 50261c with 51570c.....
132360	—	Tension (needle thread) Screw Stud 50261c with 51570c.....
132363	20956	Thread Looper Guide Roller.....
132363	20956	" (upper) Guide Roller (side of arm)
132364	20956	" " " " Cover.....
132365	—	Looper Rock Shaft Connecting Rod 132326, with 132322 and 132327.....
132366	—	Spreader Lever Connecting Rod 132341 with 132322 and 132327, for 159-1 Machine, obsolete.....
132367	—	Thread (looper) Controller Eccentric Connecting Rod 132347 with 193J, 55034, 132346 and 132348.....
132368	—	Arm Rotary Shaft 132304 with 122086, for 159-1 Machine, obsolete.....
132369	20956	Tension (needle thread) Spring.....
132371	20966	Cloth Plate with two 132306, for 132372
132372	—	Cloth Plate complete for 159-2 Machine, Nos. 132307, 132371, 132377, 132378, 132399, two 42005 and four 217J....
132373	20968	Feed Dog, 15 teeth (51½ teeth to the inch) for 159-2 Machine, for 132396.....



NO.	PLATE	NAME
132374	20969	Feed Eccentric Connection with 896E, 2653, 4784, 49109 and two 145E, for 159-2 Machine.....
132376	20968	Guide Finger for 159-2 Machine.....
132377	20966	Looper Gate (left) with 1259c, for 132372
132378	20966	“ “ (right) for 132372.....
132379	20967	Presser Foot (left) Finger Guard for 132383.....
132380	—	Presser Foot (left) Plate for 132383.....
132381	20967	“ “ “ Seam Guide for 132383
132382	—	“ “ “ Shank for 132383.....
132383	20967	Presser Foot (left, hinged) with Seam Guide complete for 159-2 Machine, Nos. 217J, 646F, 132379 to 132382 and two 337J.....
132384	—	Presser Foot (right) Plate for 132386....
132385	—	“ “ “ Shank for 132386....
132386	20967	Presser Foot (right, hinged) complete for 159-2 Machine, Nos. 646F, 132384 and 132385.....
132387	20968	Spreader for 159-2 Machine.....
132388	20967	“ Eccentric with two 1036c, for 132393.....
132389	20968	Spreader Holder with three 1120c, for 159-2 Machine.....
132390	20968	Spreader Holder Crank for 159-2 Machine
132391	20967	“ “ “ Hinge Stud Bushing for 159-2 Machine.....
132392	20969	Spreader Lever for 159-2 Machine.....
132393	—	“ “ Connecting Rod 132341 with 132327 and 132388, for 159-2 Machine.....
132394	20967	Thread (looper) Controller for 159-2 Machine.....
132395	20969	Thread (looper) Controller Lever with 1259c, for 159-2 Machine.....
132396	20968	Throat Plate in place of 132357 and 132359 (for heavy Burlap Bags, Jute or Hemp Twine, Needles No. 29 to No. 34) for 132373, for 159-2 Machine
132397	20966	Arm Rotary Shaft for 132398.....
132398	—	“ “ “ 132397 with 122086, for 159-2 Machine.....
132399	20967	Looper Gate Hinge Pin for 132372.....
132400	20971	Guide Finger, for overedging felt padding, for 159-2 Machine.....

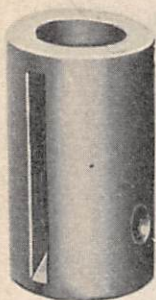


NO.	PLATE	NAME
132401	20971	Presser Foot Tape Guide, for overedging felt padding, for 159-2 Machine.....
132403	—	Throat Plate (for Felt Padding, light Burlap Bags, light Thread, Needles No. 24 to No. 28) for 132373, for 159-2 Machine.....
132405	—	Wrench for 132327.....
150203	20335	Thread Unwinder Spool Rest Cushion (felt).....
200383c	20965	Thread Unwinder Spool Rest Rod Set Screw for 202490.....
201018c	20957	Thread Unwinder Spool Rest Set Screw for 225257.....
201696j	20965	Thread Unwinder Thread Guide Lock Nut for 225258.....
202490	20335	Thread Unwinder Spool Stand with 200383c, for 225258.....
225257	20335	Thread Unwinder Spool Rest with 201018c, for 225258.....
225258	20335	Thread Unwinder complete, Nos. 201696j, 202490, 225257, 225324, 225326, 225388, two 225391 and three wood screws $\frac{7}{8}$ in. No. 12.....
225322	20965	Thread Unwinder Thread Guide Rod Washer for 225324.....
225324	20335	Thread Unwinder Thread Guide Rod with 208E and 225322, for 225258....
225326	20965	Thread Unwinder Thread Guide Position Cup for 225258.....
225388	20335	Thread Unwinder Spool Rest Rod for 225258.....
225390	20962	Thread Unwinder Thread Cone Holder (for inverted cones) for 225258.....
225391	20335	Thread Unwinder Thread Guide for 225258.....

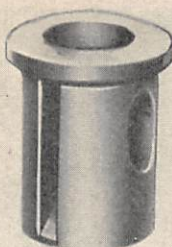
**ILLUSTRATIONS OF PARTS**  
**FOR**  
**MACHINES**  
**Nos. 159-1 and 159-2**

# PLATE 8801—FULL SIZE

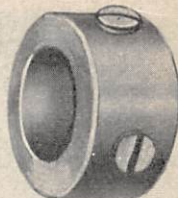
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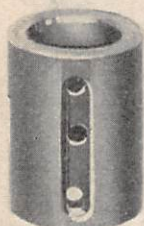
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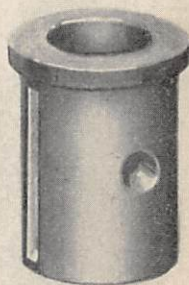
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49011



49014



49004



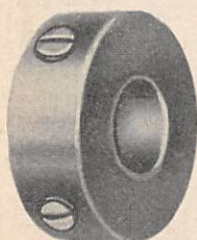
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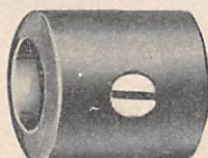
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49006



122023



49032



9525



1258



430 49109



1259



448



446



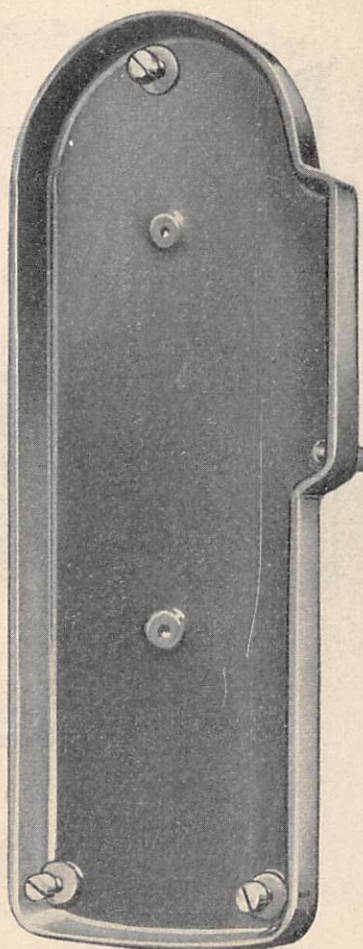
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PLATE 3810—ONE-FOURTH SIZE

122080



122081



4885

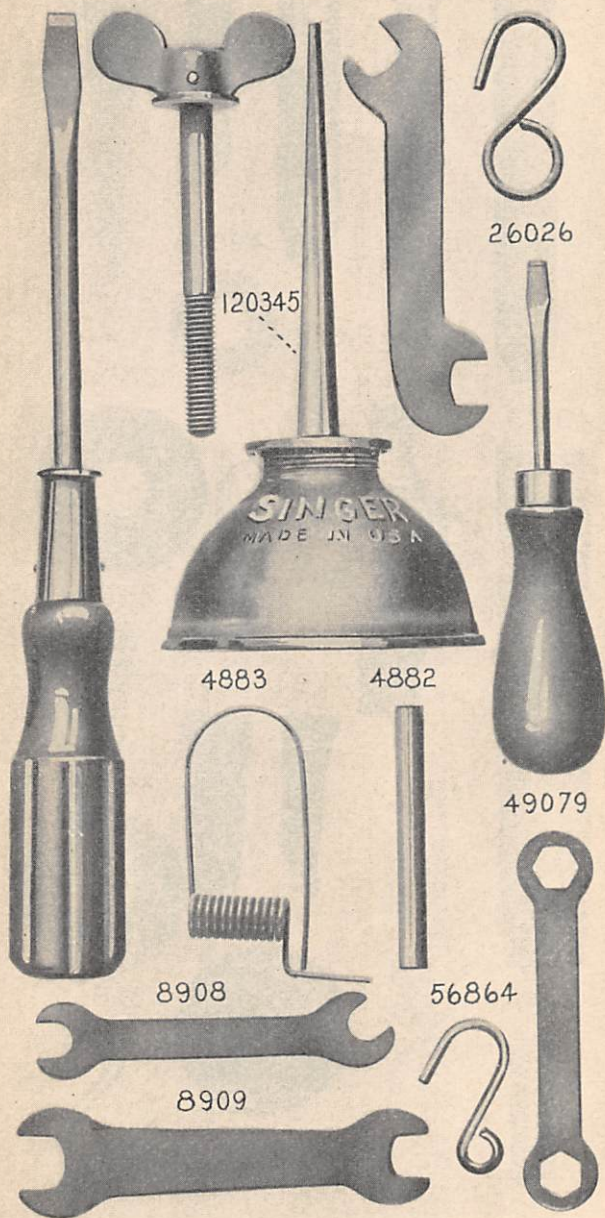


4884

4881

PLATE 8811—ONE-HALF SIZE

11831 50144 120344 19221 4879



# PLATE 8812—FULL SIZE

49091

52084

52630

56003

64805



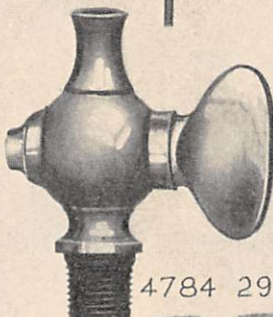
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2653

49124

122084

49123



49092

4784

29599



49013

49095



4718



56865

60914





PLATE 20335—ONE-SIXTH SIZE

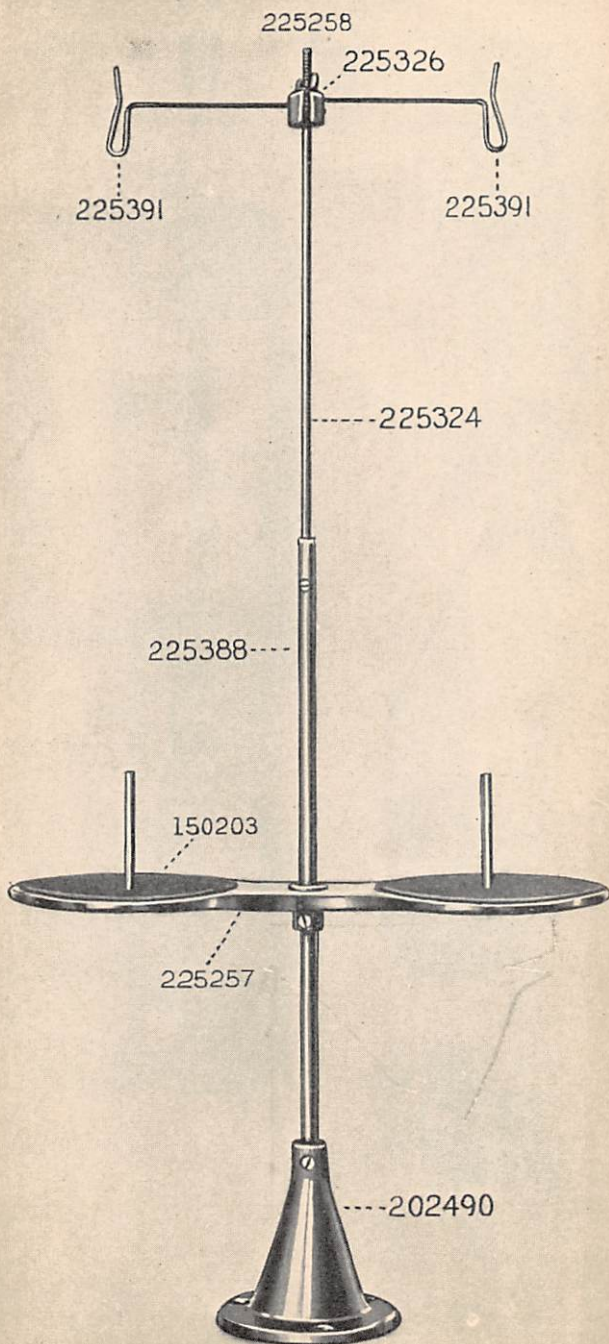
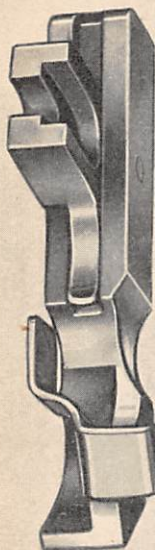


PLATE 20951—FULL SIZE

132333



898



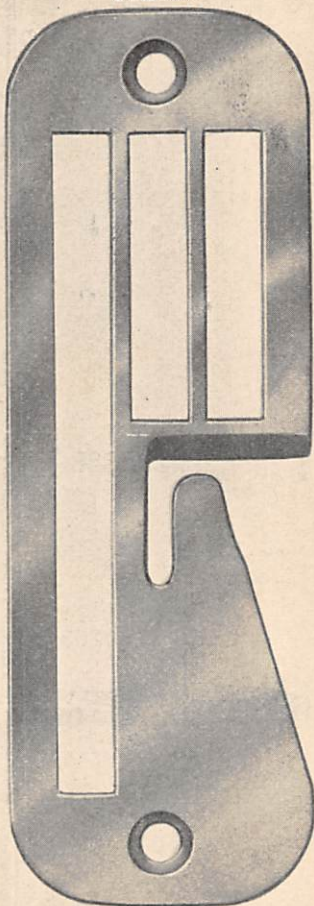
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337



132359



132331

132335

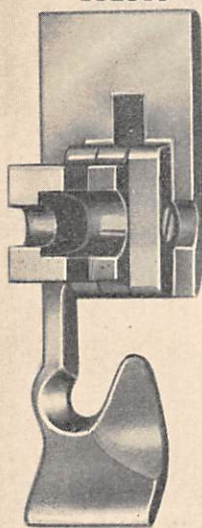
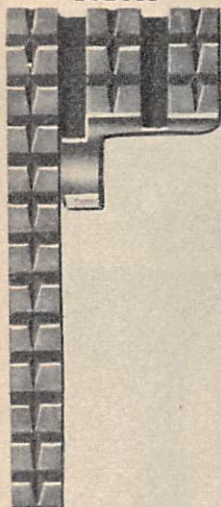
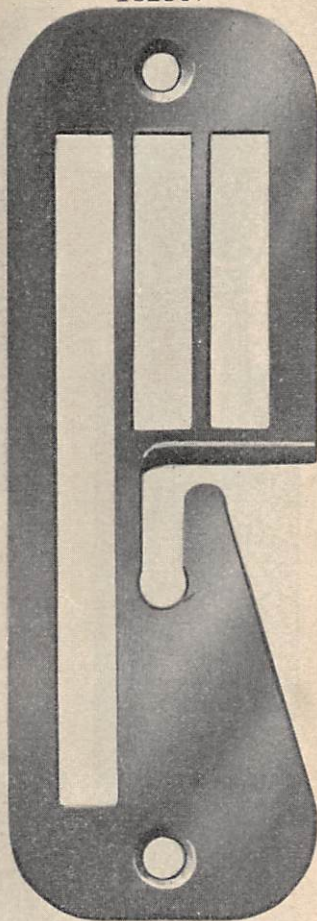


PLATE 20952—FULL SIZE

132313



132357



132336



132321

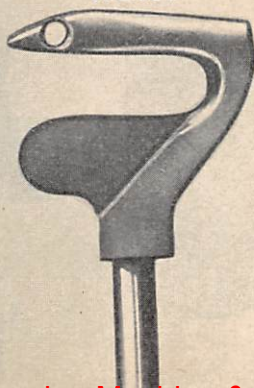
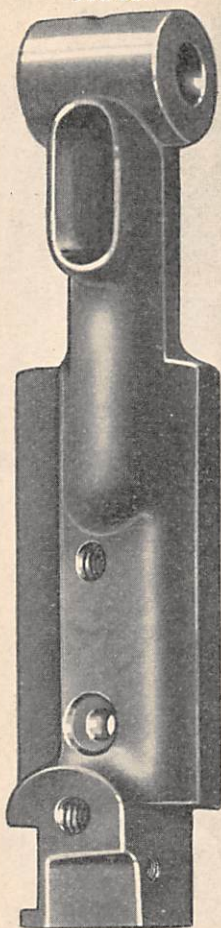




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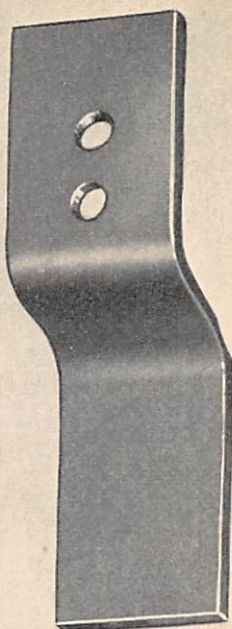
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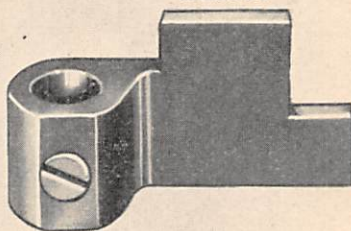
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122016



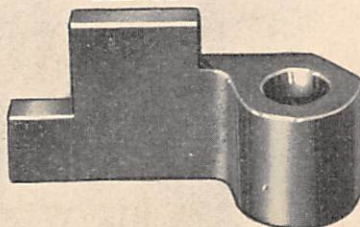
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132312



122052



704

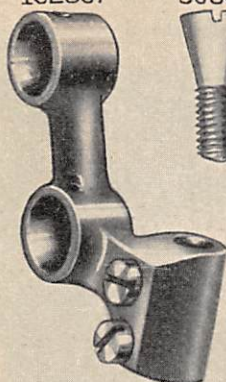


190



# PLATE 20954—FULL SIZE

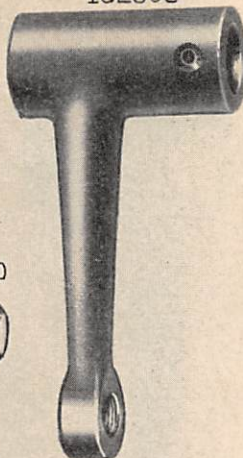
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50562



132338



1520



42053



132344



59033



122049



42007



132339



124193



.64836



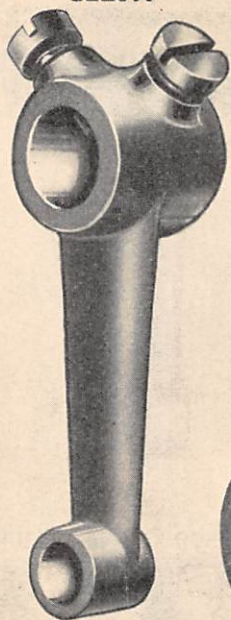
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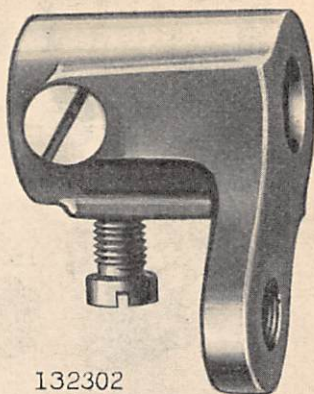


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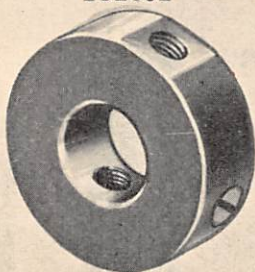
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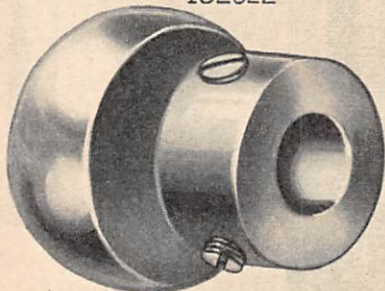
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132307



132322



51157

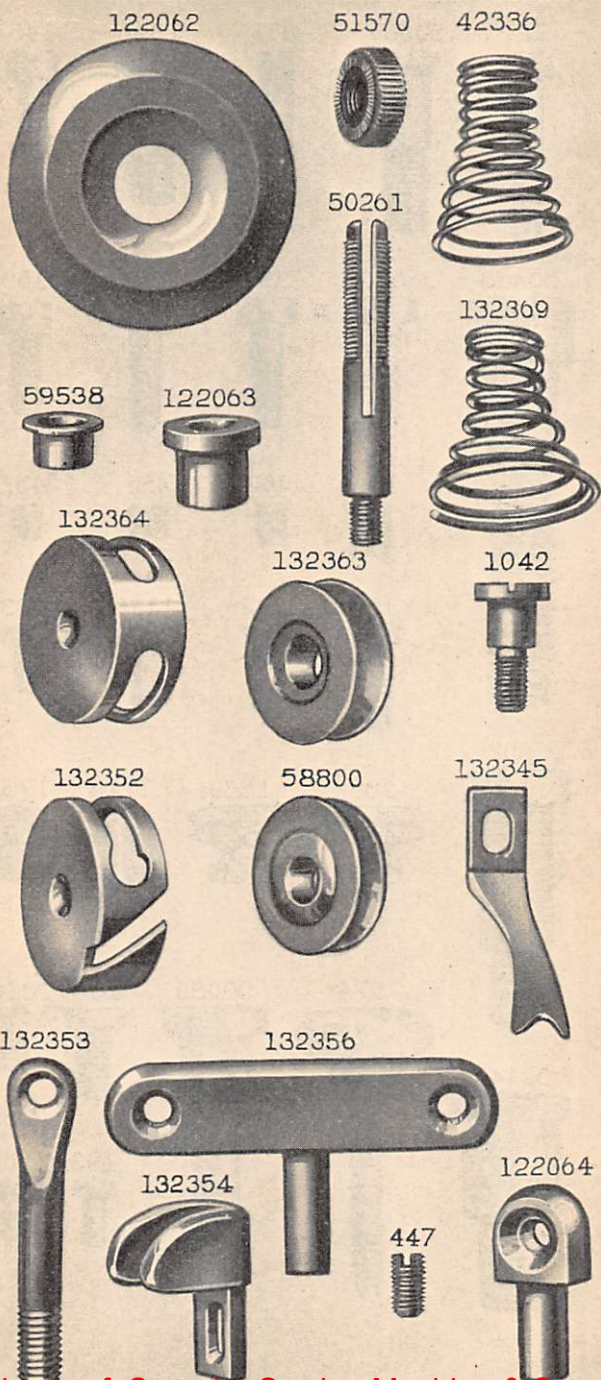


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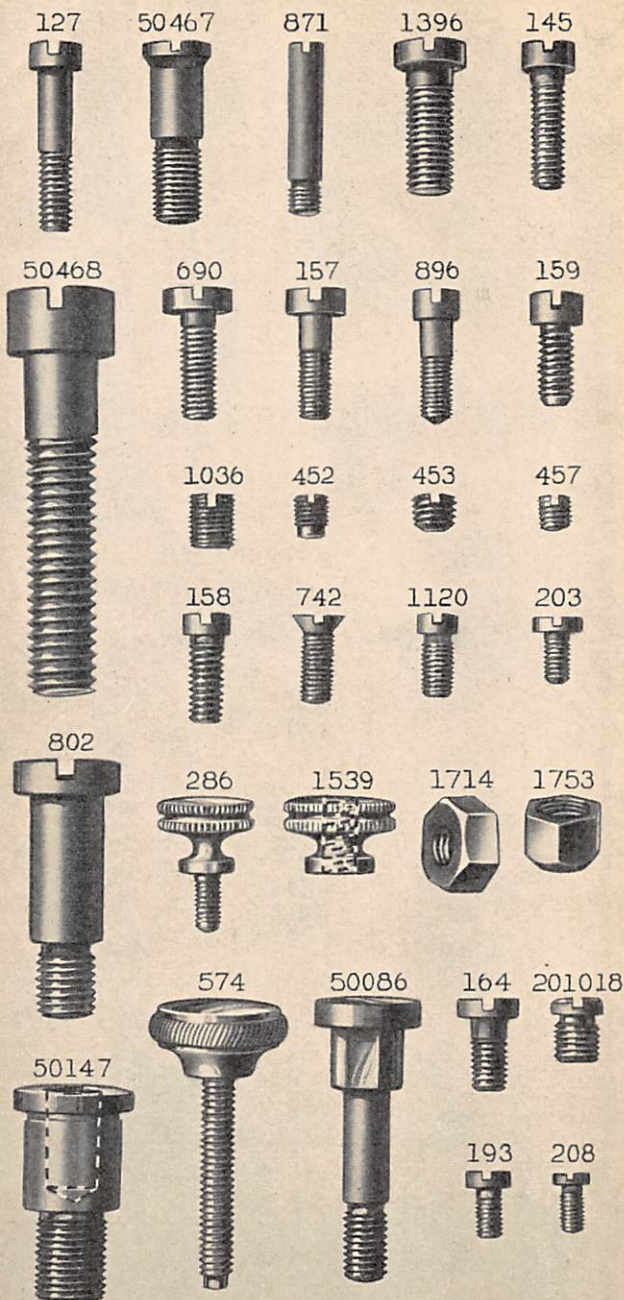




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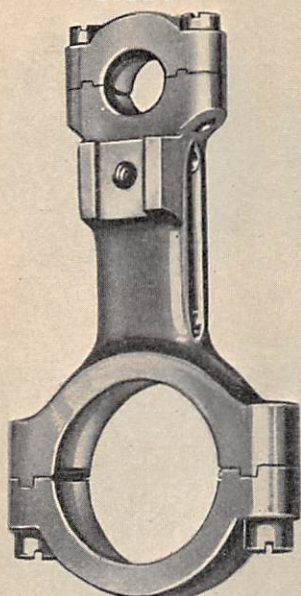
# PLATE 20957—FULL SIZE





# PLATE 20958—FULL SIZE

132347



132348



55034



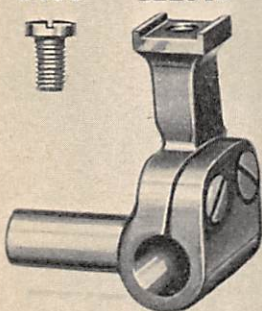
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1454



122045



132327



49057



122043



122044



1513



1517



217



171



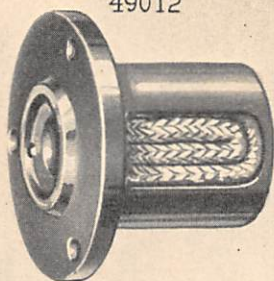
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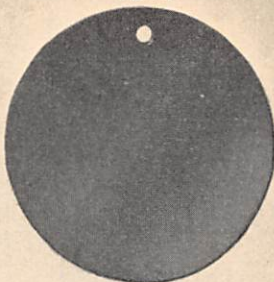


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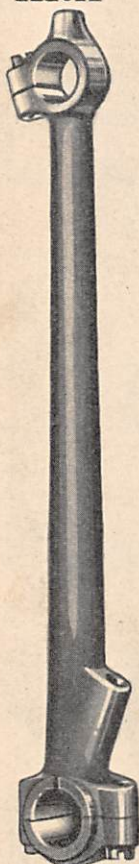
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4288



122012



132309

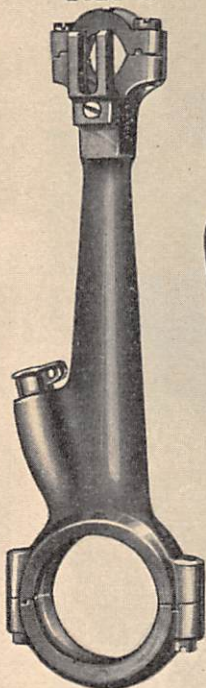


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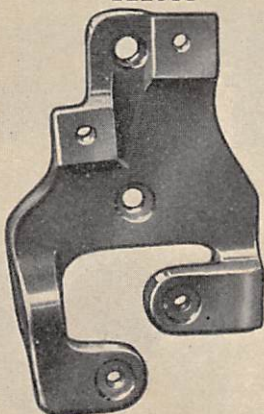


PLATE 20960—ONE-HALF SIZE

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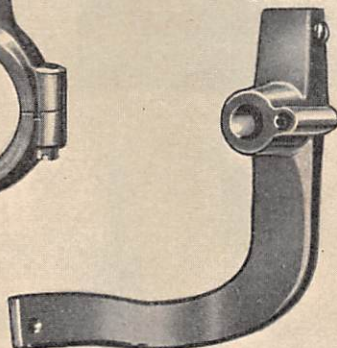
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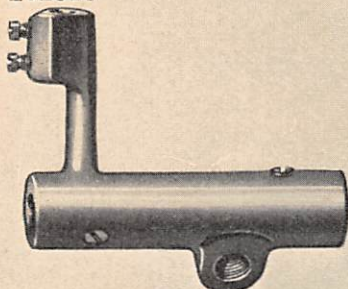
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132351



132325



132340



49079

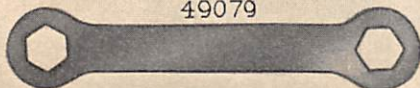
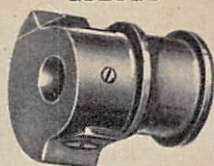


PLATE 20961—ONE-HALF SIZE

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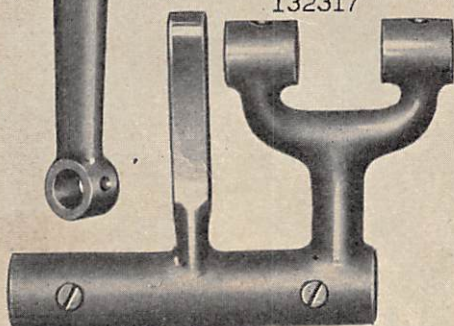
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16069



132317



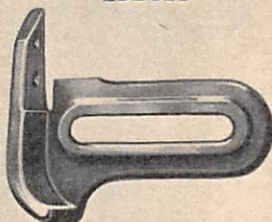
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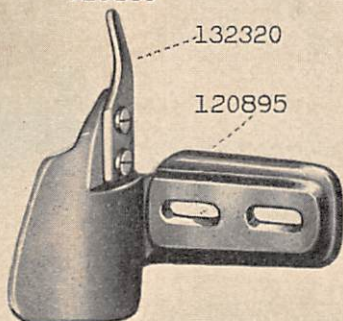
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132320

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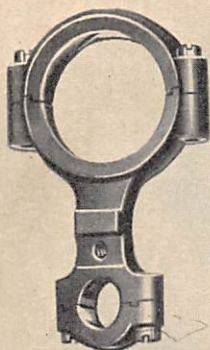
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PLATE 20962—ONE-HALF SIZE

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122051



122042



27739



225390

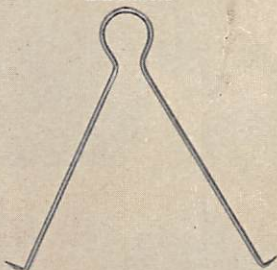
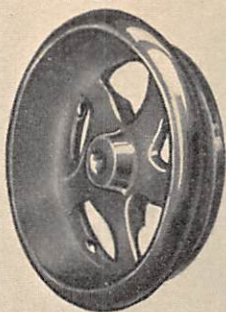


PLATE 20963—ONE-FOURTH SIZE

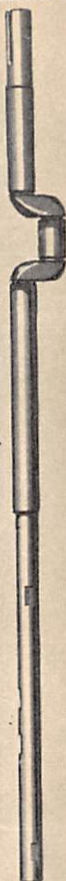
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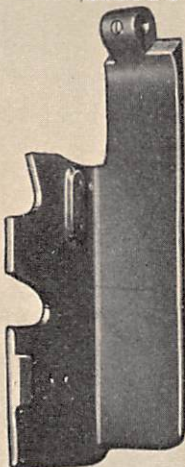
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132323



132324



132305

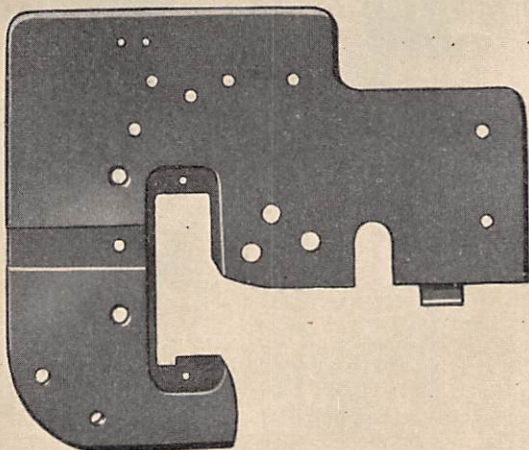


PLATE 20964—FULL SIZE

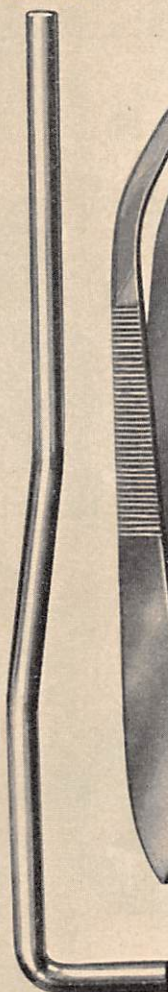
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122017 132355



128845



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52045



132306



68350





PLATE 20965—FULL SIZE

132370



42005



225326



225322



201696



38468



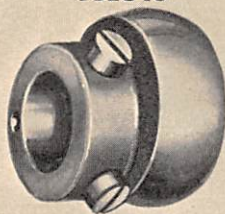
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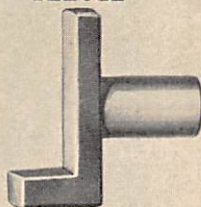
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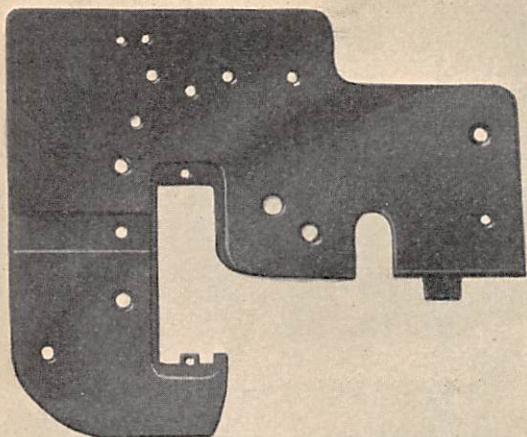


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PLATE 20966—ONE-FOURTH SIZE

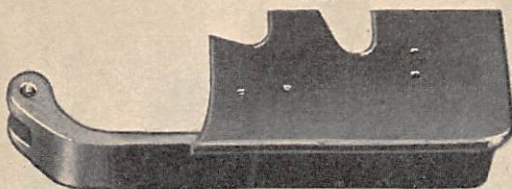
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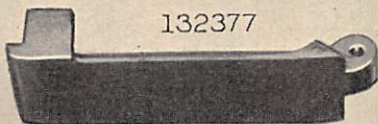
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132377



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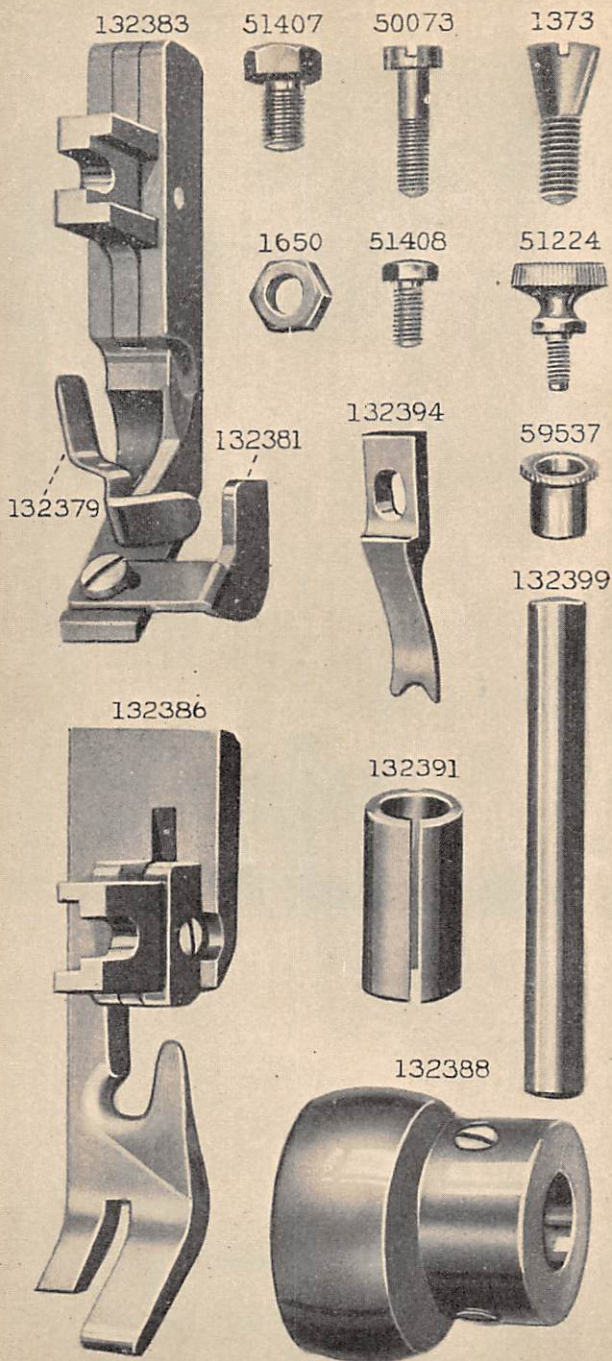
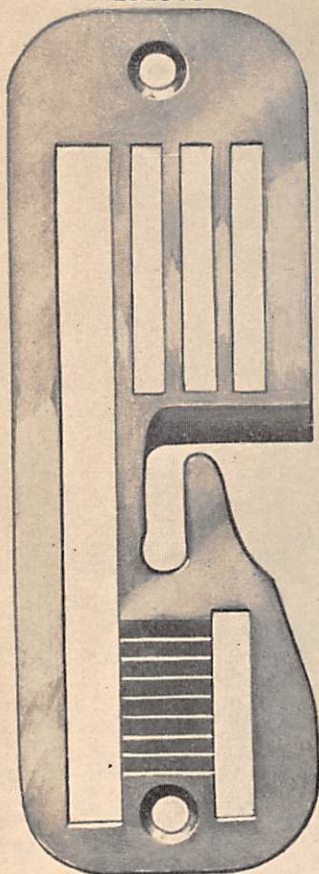


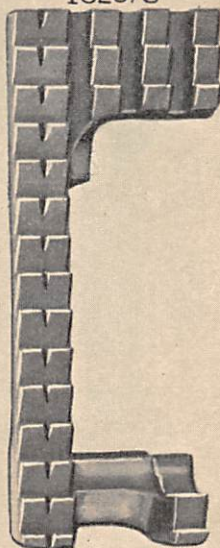


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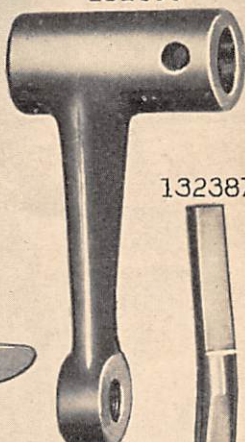
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132387



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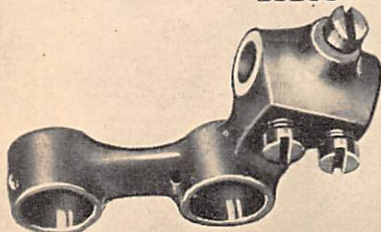
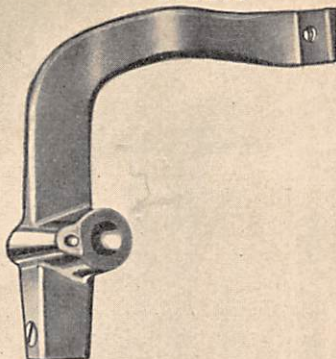


PLATE 20969—ONE-HALF SIZE

132374



132395



132392



PLATE 20970—ONE-HALF SIZE

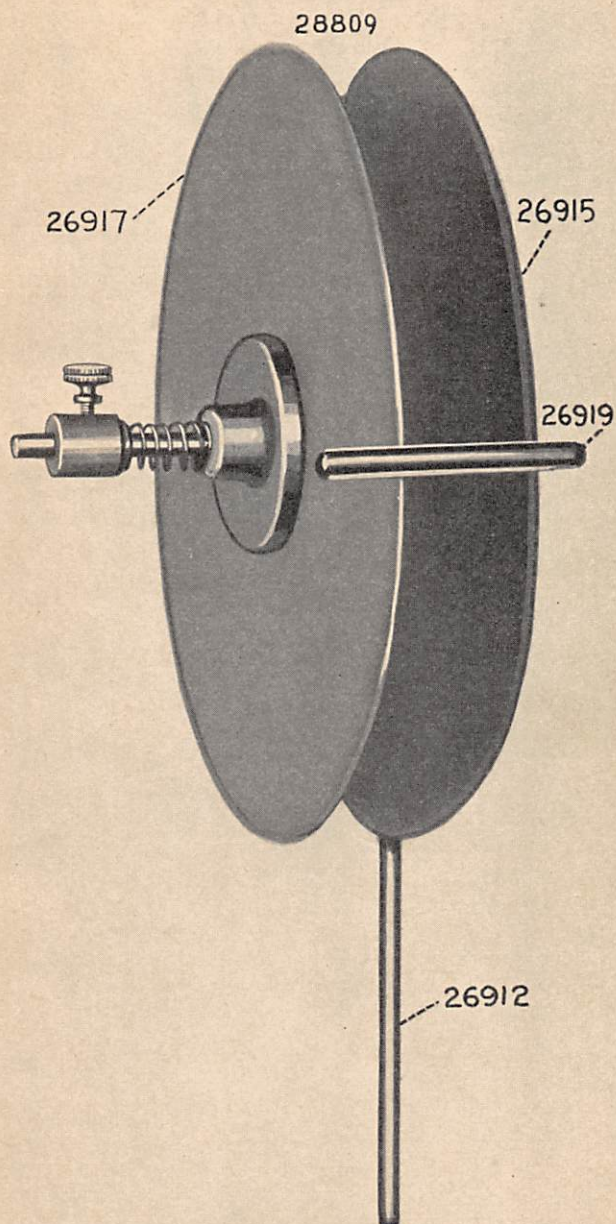




PLATE 20971—FULL SIZE

13211



286



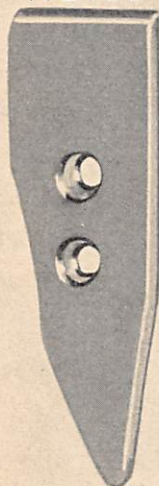
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236



132400



132401

