

Form 19172

( 338 )

Printed in U. S. A.

# LIST OF PARTS



## MACHINE No. 178-1

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\*\*\* A TRADE MARK OF

**THE SINGER MANUFACTURING COMPANY**

# INSTRUCTIONS FOR OILING

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To ensure easy running and prevent unnecessary wear of the parts which are in movable contact, the machine requires oiling and when in continuous use, "TYPE B" or "TYPE D" OIL, sold only by Singer Sewing Machine Company, should be applied at least once each week to all oil holes marked "OIL", as instructed in Form 19011.

"TYPE D" OIL is stainless.

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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
- F.J-Hardened, Polished and Nickel Plated
- G-Bright Rumbled and Nickel Plated
- H-Blued
- J-Nickel Plated Only
- K-Hardened and Nickel Plated
- L-Brass Plated
- M-Oxidized
- N-Japanned, Dull
- P-Japanned, Bright
- R-Merlized
- S-Cadmium Plating
- T-Copper Plated
- T.A-Hardened, Polished, Copper and Nickel Plated and Buffed
- T.B-Copper and Nickel Plated and Polished
- T.J-Copper and Nickel Plated Only
- T.K-Hardened, Copper and Nickel Plated
- T.L-Copper and Brass Plated
- T.M-Copper Plated and Oxidized
- U-Zinc Plated
- V-Silver Plated
- W-Polished and Nickel Plated
- X-Black Oxide, for Iron and Steel
- X.C-Hardened and Black Oxide, for Iron or Steel
- Y-Black Nickel Plated Only
- Z-Chromium Plated
- Z.A-Hardened, Polished, Nickel Plated, Buffed and Chromium Plated
- Z.B-Polished, Nickel Plated, Buffed and Chromium Plated
- Z.C-Hardened and Chromium Plated
- Z.J-Nickel and Chromium Plated

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

In this series:

- 1 to 1500, 50001 to 51500 and 140001 to 142000 are Screw Numbers
- 1501 to 1800 and 51501 to 51800 are Nut Numbers
- 1801 to 2000 and 51801 to 52000 are Roller Numbers
- 2001 to 50000 and 52001 to 140000 and 142001 to 190000 are Sewing Machine Parts, 190001 and upward are numbers of Electrical Parts.

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

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

# LIST OF PARTS COMPLETE FOR



## MACHINE No. 178-1

For Stitching Two and Four-Hole Buttons on Barber and Waiter Coats; also shirts, waists, underwear, infants' wear and all light and washable fabrics. The machine makes two parallel bars in four-hole buttons and consists of twelve stitches, including the cross-over and fastening stitch in four-hole buttons. Button clamp suitable for 10 to 35 line buttons.

| No.     | Plate | Name                                                                                                                                          |
|---------|-------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| *173001 | ----- | Arm with 45773 and two 15405.....                                                                                                             |
|         | Note: | Due to accuracy required for gear alignment, Arm cannot be supplied separately and can only be sent out as a unit, Arm and Bed assembled..... |
| 2022    | 22826 | Arm Dowel Pin.....                                                                                                                            |
| 173002  | 22827 | " Rotary Shaft.....                                                                                                                           |
| 173003  | ----- | " " " 173002 with 8575 and 173005.....                                                                                                        |
| 173004  | 22826 | Arm Rotary Shaft Collar with two 50150C                                                                                                       |
| 50150C  | 22826 | " " " " Set Screw.....                                                                                                                        |
| 173005  | 22826 | " " " Crank.....                                                                                                                              |
| 8575    | 22826 | " " " " Pin.....                                                                                                                              |

## PARTS FOR MACHINE No. 178-1

| No.     | Plate | Name                                                                                                                                                         |
|---------|-------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 179006  | 22826 | Arm Rotary Shaft Gear with two 1147C...                                                                                                                      |
| 1147C   | 22826 | " " " " Set Screw.....                                                                                                                                       |
| 134E    | 22826 | " Screw.....                                                                                                                                                 |
| 178007  | 22827 | " Shaft (upright).....                                                                                                                                       |
| 178006  | 22826 | " " " Gear (lower) with<br>two 1147C.....                                                                                                                    |
| 1147C   | 22826 | Arm Shaft (upright) Gear (lower) Set<br>Screw.....                                                                                                           |
| 179008  | 22826 | Arm Shaft (upright) Gear (upper) with<br>two 1147C.....                                                                                                      |
| 1147C   | 22826 | Arm Shaft (upright) Gear (upper) Set<br>Screw.....                                                                                                           |
| *178009 | ----- | Bed.....                                                                                                                                                     |
|         | Note: | Due to the accuracy required for gear<br>alignment, Bed cannot be supplied sep-<br>arately and can only be sent out as a<br>unit, Arm and Bed Assembled..... |
| 9256    | 22826 | Bed Spool Pin.....                                                                                                                                           |
| 178106  | 22826 | " " " Washer.....                                                                                                                                            |
| 178010  | 22827 | Button Clamp (left) with 19445 and<br>178013.....                                                                                                            |
| 178011  | ----- | Button Clamp (left) 178010 with 662J,<br>and 178012.....                                                                                                     |
| 1175K   | 22826 | Button Clamp (left) Hinge Screw.....                                                                                                                         |
| 178012  | 22826 | " " " Spring.....                                                                                                                                            |
| 662J    | 22826 | " " " Screw.....                                                                                                                                             |
| 19445   | 22826 | " " " Steady Pin..                                                                                                                                           |
| 178013  | 22826 | " " " Stud.....                                                                                                                                              |
| 178014  | 22827 | " " (right) with 19445 and<br>178013.....                                                                                                                    |
| 178015  | ----- | Button Clamp (right) 178014 with 662J<br>and 178016.....                                                                                                     |
| 1175K   | 22826 | Button Clamp (right) Hinge Screw.....                                                                                                                        |
| 178016  | 22826 | " " " Spring.....                                                                                                                                            |
| 662J    | 22826 | " " " Screw.....                                                                                                                                             |
| 19445   | 22826 | " " " Steady Pin..                                                                                                                                           |
| 178013  | 22826 | " " " Stud.....                                                                                                                                              |
| 178017  | 22826 | " " Adjusting Lever.....                                                                                                                                     |
| 287W    | 22826 | " " " " Thumb<br>Screw.....                                                                                                                                  |
| 7071    | 22826 | Button Clamp Adjusting Lever Thumb<br>Screw Washer.....                                                                                                      |
| 178018  | 22827 | Button Clamp Arm with 178025.....                                                                                                                            |
| 178019  | 22827 | " " " Hinge Bracket.....                                                                                                                                     |
| 178020  | 22829 | " " " " " Hinge<br>Pin.....                                                                                                                                  |
| 337J    | 22829 | Button Clamp Arm Hinge Bracket Hinge<br>Pin Set Screw.....                                                                                                   |
| 898J    | 22829 | Button Clamp Arm Screw.....                                                                                                                                  |

## PARTS FOR MACHINE No. 178-1

| No.     | Plate | Name                                                                                                                                                                        |
|---------|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 90530   | 22829 | Button Clamp Arm Screw Washer.....                                                                                                                                          |
| 178021  | 22829 | " " Button Stop with two 2064.                                                                                                                                              |
| 140142C | 22829 | " " " " Screw.....                                                                                                                                                          |
| 178022  | 22829 | " " Closing Spring.....                                                                                                                                                     |
| 178023  | 22829 | " " " " Plate.....                                                                                                                                                          |
| 230J    | 22829 | " " " " " Screw                                                                                                                                                             |
| 178024  | 22829 | " " Lifter.....                                                                                                                                                             |
| 330J    | 22829 | " " " Screw.....                                                                                                                                                            |
| 178025  | 22829 | " " " Wire.....                                                                                                                                                             |
| 178026  | 22827 | " " Presser Bar.....                                                                                                                                                        |
| 2065    | 22827 | " " " " Spring.....                                                                                                                                                         |
| 178027  | 22829 | " " " " Lifter.....                                                                                                                                                         |
| 1294C   | 22829 | " " " " " Hinge                                                                                                                                                             |
|         |       | Screw Stud.....                                                                                                                                                             |
| 178029  | 22829 | Button Clamp Presser Bar Lifting Bracket with 185J.....                                                                                                                     |
| 195J    | 22829 | Button Clamp Presser Bar Lifting Bracket Clamping Screw.....                                                                                                                |
| 51228B  | 22829 | Button Clamp Pressure Regulating Thumb Screw.....                                                                                                                           |
| 178029  | 22829 | Button Clamp Spreader.....                                                                                                                                                  |
| 336J    | 22829 | " " " " Screw.....                                                                                                                                                          |
| 2084    | 22829 | " " " " Steady Pin.....                                                                                                                                                     |
| 178030  | ----- | Button Clamp complete for 10 to 35 ligne buttons, Nos. 230J, 287W, 7071, 140142C, 178011, 178015, 178017, 178018, 178021 to 178023, 178029 and two each 336J and 1175K..... |
| 178031  | 22827 | Face Plate.....                                                                                                                                                             |
| 178032  | ----- | Face Plate complete, Nos. 208J, 957K, 1607J, 1655J, 1700J, 7071, 9544, 22436, 50367J, 125375, 178031, 178033 to 179037, 178088, 178089, 178103 and 178107.....              |
| 330B    | 22829 | Face Plate Screw.....                                                                                                                                                       |
| 178033  | 22828 | " " Thread Nipper Plate (inside)                                                                                                                                            |
| 178034  | 22828 | " " " " " (outside)                                                                                                                                                         |
| 50367J  | 22828 | " " " " " Screw...                                                                                                                                                          |
| 7071    | 22826 | " " " " " Spacing Washer.....                                                                                                                                               |
| 178035  | 22828 | Face Plate Thread Nipper Releasing Screw Stud.....                                                                                                                          |
| 178036  | 22828 | Face Plate Thread Nipper Releasing Screw Stud Bushing.....                                                                                                                  |
| 1655J   | 22828 | Face Plate Thread Nipper Releasing Screw Stud Bushing Nut.....                                                                                                              |
| 1607J   | 22828 | Face Plate Thread Nipper Releasing Screw Stud Nut.....                                                                                                                      |
| 178037  | 22828 | Face Plate Thread Nipper Releasing Screw Stud Screw Bushing.....                                                                                                            |

## PARTS FOR MACHINE No. 178-1

| No.     | Plate | Name                                                                     |
|---------|-------|--------------------------------------------------------------------------|
| 178107  | 22828 | Face Plate Thread Retainer Disc.....                                     |
| 9544    | 22828 | " " " " " Cover..                                                        |
| 208J    | 22828 | " " " " " "                                                              |
|         |       | Screw.....                                                               |
| 125375  | 22828 | Face Plate Thread Retainer Disc Spring.                                  |
| 178108  | 22830 | Feed Cam.....                                                            |
| 178039  | 22830 | " " Driving Worm with 624C and<br>791C.....                              |
| 791C    | 22828 | Feed Cam Driving Worm Position Screw...                                  |
| 624C    | 22828 | " " " " Set Screw.....                                                   |
| 178040  | 22830 | " " " " Wheel.....                                                       |
| 140143C | 22828 | " " " " " Hinge Screw                                                    |
| 178041  | 22828 | " " " " " Steady Pin.                                                    |
| 178042  | 22827 | " Plate.....                                                             |
| 178043  | 22827 | " " Carrier with 337J.....                                               |
| 178110  | ----- | " " " 178043 with 178019<br>and 178020.....                              |
| 178044  | 22827 | Feed Plate Carrier Adjusting Handle....                                  |
| 191J    | 22828 | " " " " " "                                                              |
|         |       | Support Screw.....                                                       |
| 212D    | 22828 | Feed Plate Carrier Adjusting Handle<br>Screw.....                        |
| 51673C  | 22828 | Feed Plate Carrier Adjusting Handle<br>Screw Nut.....                    |
| 212D    | 22828 | Feed Plate Carrier Adjusting Handle<br>Stop Screw.....                   |
| 51674C  | 22828 | Feed Plate Carrier Adjusting Handle<br>Stop Screw Nut.....               |
| 178045  | 22827 | Feed Plate Carrier Adjusting Handle<br>Support.....                      |
| 178055  | 22828 | Feed Plate Carrier Adjusting Screw Stud                                  |
| 178047  | 22827 | " " " " " Slide.....                                                     |
| 178105  | ----- | " " " " " 178047<br>with 212D and 51673C.....                            |
| 178048  | 22828 | Feed Plate Carrier Adjusting Slide Con-<br>necting Link.....             |
| 946D    | 22828 | Feed Plate Carrier Adjusting Slide Con-<br>necting Link Hinge Screw..... |
| 946D    | 22828 | Feed Plate Carrier Adjusting Slide<br>Hinge Screw.....                   |
| 178049  | 22831 | Feed Plate Carrier Driving Arm.....                                      |
| 178104  | ----- | " " " " " 178049<br>with 7958, 51926 and 178050.....                     |
| 178050  | 22828 | Feed Plate Carrier Driving Arm Hinge<br>Stud.....                        |
| 7958    | 22828 | Feed Plate Carrier Driving Arm Pin.....                                  |
| 51926   | 22828 | " " " " " Roller<br>and Screw Stud.....                                  |
| 1403F   | 22828 | Feed Plate Carrier Hinge Screw.....                                      |

| No.     | Plate | Name                                                             |
|---------|-------|------------------------------------------------------------------|
| 178051  | 22831 | Feed Plate Carrier Regulator with 51926                          |
| 1499F   | 22828 | " " " " Cap Screw.                                               |
| 51926   | 22828 | " " " " Roller and<br>Screw Stud.....                            |
| 178109  | 22833 | Feed Plate Carrier Spring.....                                   |
| 178052  | 22831 | " " " " Vibrating Arm.....                                       |
| 140144C | 22833 | " " " " " Slide<br>Screw.....                                    |
| 178053  | 22833 | Feed Plate Carrier Vibrating Arm Slide<br>Screw Bushing.....     |
| 1708J   | 22833 | Feed Plate Carrier Vibrating Arm Slide<br>Screw Nut.....         |
| 178054  | 22830 | Feed Plate Carrier Vibrating Cam.....                            |
| 120E    | 22833 | " " " " " Screw.                                                 |
| 178046  | 22833 | " " " " " Stud.....                                              |
| 212D    | 22828 | " " " " " Cap<br>Screw.....                                      |
| 178056  | 22833 | Feed Plate Carrier Vibrating Stud Posi-<br>tion Plate.....       |
| 399E    | 22833 | Feed Plate Carrier Vibrating Stud Posi-<br>tion Plate Screw..... |
| 227J    | 22833 | Feed Plate Screw.....                                            |
| 178057  | 22830 | Hand Wheel with 448C and 1299C.....                              |
| 178058  | 22830 | " " " " Handle (wood).....                                       |
| 140196E | 22830 | " " " " Hinge Screw.....                                         |
| 1299C   | 22833 | " " " " Position Screw.....                                      |
| 448C    | 22833 | " " " " Set Screw.....                                           |
| 178060  | 22831 | " " " " Shaft.....                                               |
| 178061  | 22833 | " " " " Collar with two 1259C.                                   |
| 1259C   | 22833 | " " " " " Set Screw.....                                         |
| 178062  | 22826 | " " " " Gear with 791C and<br>1147C.....                         |
| 791C    | 22828 | Hand Wheel Shaft Gear Position Screw...                          |
| 1147C   | 22826 | " " " " " Set Screw.....                                         |
| 178063  | 22833 | " " " " Stop Block.....                                          |
| 162D    | 22833 | " " " " " Screw.....                                             |
| 178064  | 22833 | Looper.....                                                      |
| 50302D  | 22832 | " " " " Set Screw.....                                           |
| 178065  | 22831 | Needle Bar with 336F.....                                        |
| 178066  | 22833 | " " " " Connecting Link.....                                     |
| 140145C | 22833 | " " " " " Hinge Screw.                                           |
| 178067  | 22833 | " " " " " Stud with 50311C.                                      |
| 50311C  | 22833 | " " " " " Set Screw...                                           |
| 178068  | 22833 | " " " " Thread Guide.....                                        |
| *178069 | ----- | " " " " Guide.....                                               |
| 178070  | 22831 | " " " " 178069 with 1484D, 178072<br>and 178074.....             |
| 175130  | 22832 | Needle Guide Cam with two 1259C.....                             |
| 1259C   | 22833 | " " " " " Set Screw.....                                         |

| No.     | Plate | Name                                                            |
|---------|-------|-----------------------------------------------------------------|
| 175132  | 22832 | Needle Guide Oscillating Crank with 140159E and 175134.....     |
| 140159E | 22832 | Needle Guide Oscillating Crank Clamping Screw.....              |
| 178071  | 22832 | Needle Guide Oscillating Crank Spring..                         |
| 175134  | 22832 | " " " " "                                                       |
|         |       | Hook (bed end).....                                             |
| 201D    | 22832 | Needle Guide Oscillating Crank Spring Hook (bed end) Screw..... |
| 175134  | 22832 | Needle Guide Oscillating Crank Spring Hook (crank end).....     |
| *178072 | ----- | Needle Guide Shaft.....                                         |
| 178073  | 22832 | " " " Bushing.....                                              |
| 447C    | 22832 | " " " " Set Screw...                                            |
| 178074  | 22832 | " " Thread Finger.....                                          |
| 1484D   | 22832 | " " " " Screw.....                                              |
| 178075  | 22831 | " Plate.....                                                    |
| 211D    | 22833 | " " Screw.....                                                  |
| 336F    | 22829 | " Set Screw.....                                                |
| 178076  | 22831 | Stop Motion Interlocking Rod.....                               |
| 178077  | 22832 | " " " " Bushing...                                              |
| 1125C   | 22832 | " " " " " Set Screw.....                                        |
| 178078  | 22832 | Stop Motion Interlocking Rod Collar with two 50302E.....        |
| 50302E  | 22832 | Stop Motion Interlocking Rod Collar Set Screw.....              |
| 9534    | 22831 | Stop Motion Interlocking Rod Spring....                         |
| *178079 | ----- | " " Releasing Button.....                                       |
| 178080  | 22832 | " " " " 178079 with 178081.....                                 |
| *178081 | ----- | Stop Motion Releasing Button Screw Stud                         |
| 1521E   | 22832 | " " " " " " Nut.....                                            |
| 178082  | 22832 | Stop Motion Trip Block with 178083.....                         |
| 42041   | 22832 | " " " " Spring.....                                             |
| 178083  | 22832 | " " " Stud.....                                                 |
| 175160  | 22834 | Tension (automatic) Disc.....                                   |
| 176103  | 22834 | " " " Position Pin..                                            |
| 178084  | 22831 | " " Plate.....                                                  |
| 178101  | ----- | " " " 178084 with 178087 and 178103.....                        |
| 330J    | 22829 | Tension (automatic) Plate Screw.....                            |
| 1560C   | 22834 | " " Regulating Thumb Nut.....                                   |
| 178085  | 22832 | Tension (automatic) Releasing Cam with two 624C.....            |
| 624C    | 22828 | Tension (automatic) Releasing Cam Set Screw.....                |

| No.     | Plate | Name                                                                            |
|---------|-------|---------------------------------------------------------------------------------|
| 32572   | 22834 | Tension (automatic) Releasing Disc.....                                         |
| 178086  | 22834 | " " " Stud.....                                                                 |
| 140043C | 22834 | " " Screw Stud.....                                                             |
| 175166  | ----- | " " " " 140043C<br>with 1560C.....                                              |
| 1655J   | 22828 | Tension (automatic) Screw Stud Nut....                                          |
| 13710   | 22834 | " " Spring.....                                                                 |
| 178087  | ----- | Tension (automatic) complete, Nos.1655J,<br>13710,32572,175166 and two 175160.. |
| 175160  | 22834 | Tension (stationary) Disc.....                                                  |
| 178103  | 22834 | " " " Position Pin.                                                             |
| 1560C   | 22834 | " " Regulating Thumb<br>Nut.....                                                |
| 637C    | 22834 | Tension (stationary) Screw Stud.....                                            |
| 33929   | ----- | " " " " 637C<br>with 1560C.....                                                 |
| 1547J   | 22834 | Tension (stationary) Screw Stud Nut....                                         |
| 13710   | 22834 | " " Spring.....                                                                 |
| 178088  | ----- | Tension (stationary) complete, Nos.<br>1547J,13710,33929 and two 175160...      |
| 9568    | 22834 | Thread Guide (side of arm).....                                                 |
| 178089  | 22834 | " Pull-off.....                                                                 |
| 957K    | 22834 | " " Hinge Screw.....                                                            |
| 1700J   | 22834 | " " " Nut.....                                                                  |
| 178090  | 22834 | " " Spring.....                                                                 |
| 22436   | 22834 | " " Washer.....                                                                 |
| *45773  | ----- | Trade Mark.....                                                                 |
| 15405   | ----- | " " Rivet.....                                                                  |

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

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

## ACCESSORIES

| No.    | Plate | Name                                |
|--------|-------|-------------------------------------|
| 36569  | 22835 | Oilier with 36571.....              |
| 36570  | ----- | " 36569, filled with oil.....       |
| 36571  | 22835 | " Spout, 1 3/4 in. long, with 36807 |
| 36807  | 22834 | " " Washer (leather).....           |
| 26026  | 22835 | Screw Driver (large).....           |
| 26485  | 22835 | " " (small).....                    |
| 25539  | 22835 | Stiletto.....                       |
| 178091 | 22835 | Wrench for 1708.....                |
| 178092 | 22835 | " " 1607.....                       |

## MACHINE BASE

| No.    | Plate | Name                                                              |
|--------|-------|-------------------------------------------------------------------|
| 178093 | 22836 | Machine Base.....                                                 |
| 51083R | 22834 | " " Bolt with 51581R.....                                         |
| 51581R | 22834 | " " " Nut.....                                                    |
| 40282  | 22834 | " " " Washer.....                                                 |
| 178094 | 22834 | " Hinge Pin.....                                                  |
| 42830  | 22834 | " " " Cotter Pin.....                                             |
| 178095 | 22835 | " Lock Clip.....                                                  |
| 191E   | 22828 | " " " Screw.....                                                  |
| 771W   | 22834 | " " Thumb Screw.....                                              |
| 178096 | 22835 | " Support (lower).....                                            |
| 178097 | 22835 | " " (upper).....                                                  |
| 178098 | 22834 | " " Hinge Rivet.....                                              |
| 766D   | 22834 | " " " Screw.....                                                  |
| 178099 | 22835 | " " Lock Slide.....                                               |
| 178102 | 22834 | " " " Rivet.....                                                  |
| 178100 | ----- | Machine Support complete, Nos.178096 to<br>178099 and 178102..... |

## OBSOLETE PARTS

| No.    | Plate | Name                                                          |
|--------|-------|---------------------------------------------------------------|
| 178038 | 22830 | Feed Cam, superseded by 178108, not in-<br>terchangeable..... |

# NUMERICAL LIST OF PARTS

| No.  | Plate | Name                                                                    |
|------|-------|-------------------------------------------------------------------------|
| 120E | 22833 | Feed Plate Carrier Vibrating Cam Screw.                                 |
| 134E | 22826 | Arm Screw.....                                                          |
| 162D | 22833 | Hand Wheel Stop Block Screw.....                                        |
| 185J | 22829 | Button Clamp Presser Bar Lifting Bracket Clamping Screw for 178028..... |
| 191J | 22828 | Feed Plate Carrier Adjusting Handle Support Screw.....                  |
| 191E | 22828 | Machine Base Machine Lock Clip Screw...                                 |
| 201D | 22832 | Needle Guide Oscillating Crank Spring Hook (bed end) Screw.....         |
| 208J | 22828 | Face Plate Thread Retainer Disc Cover Screw for 178032.....             |
| 211D | 22833 | Needle Plate Screw.....                                                 |
| 212D | 22828 | Feed Plate Carrier Adjusting Handle Screw for 178105.....               |
| 212D | 22828 | Feed Plate Carrier Adjusting Handle Stop Screw.....                     |
| 212D | 22828 | Feed Plate Carrier Vibrating Stud Cap Screw.....                        |
| 227J | 22833 | Feed Plate Screw.....                                                   |
| 230J | 22829 | Button Clamp Closing Spring Plate Screw for 178030.....                 |
| 287W | 22826 | Button Clamp Adjusting Lever Thumb Screw for 178030.....                |
| 330J | 22829 | Button Clamp Lifter Screw.....                                          |
| 330B | 22829 | Face Plate Screw.....                                                   |
| 330J | 22829 | Tension (automatic) Plate Screw.....                                    |
| 336J | 22829 | Button Clamp Spreader Screw for 179030.                                 |
| 336F | 22829 | Needle Set Screw for 178065.....                                        |
| 337J | 22829 | Button Clamp Arm Hinge Bracket Hinge Pin Set Screw for 178043.....      |
| 399E | 22833 | Feed Plate Carrier Vibrating Stud Position Plate Screw.....             |
| 447C | 22832 | Needle Guide Shaft Bushing Set Screw...                                 |
| 448C | 22833 | Hand Wheel Set Screw for 178057.....                                    |
| 624C | 22828 | Feed Cam Driving Worm Set Screw for 178039.....                         |
| 624C | 22828 | Tension (automatic) Releasing Cam Set Screw for 178085.....             |
| 637C | 22834 | Tension (stationary) Screw Stud for 33929.....                          |
| 662J | 22826 | Button Clamp (left) Spring Screw for 178011.....                        |
| 662J | 22826 | Button Clamp (right) Spring Screw for 178015.....                       |
| 766D | 22834 | Machine Base Machine Support Hinge Screw                                |
| 771W | 22834 | " " " Lock Thumb Screw...                                               |

## NUMERICAL LIST OF PARTS

| No.   | Plate   | Name                                                                      |
|-------|---------|---------------------------------------------------------------------------|
| 791C  | 22828 ° | Feed Cam Driving Worm Position Screw for 178039.....                      |
| 791C  | 22828   | Hand Wheel Shaft Gear Position Screw for 178062.....                      |
| 896J  | 22829   | Button Clamp Arm Screw.....                                               |
| 946D  | 22828   | Feed Plate Carrier Adjusting Slide Connecting Link Hinge Screw.....       |
| 946D  | 22828   | Feed Plate Carrier Adjusting Slide Hinge Screw.....                       |
| 957K  | 22834   | Thread Pull-off Hinge Screw for 178032..                                  |
| 1125C | 22832   | Stop Motion Interlocking Rod Bushing Set Screw.....                       |
| 1147C | 22826   | Arm Rotary Shaft Gear Set Screw for 178006.....                           |
| 1147C | 22826   | Arm Shaft (upright) Gear (lower) Set Screw for 178006.....                |
| 1147C | 22826   | Arm Shaft (upright) Gear (upper) Set Screw for 178008.....                |
| 1147C | 22826   | Hand Wheel Shaft Gear Set Screw for 178062.....                           |
| 1175K | 22826   | Button Clamp (left) Hinge Screw for 178030.....                           |
| 1175K | 22826   | Button Clamp (right) Hinge Screw for 178030.....                          |
| 1259C | 22833   | Hand Wheel Shaft Collar Set Screw for 178061.....                         |
| 1259C | 22833   | Needle Guide Cam Set Screw for 175130...                                  |
| 1294C | 22829   | Button Clamp Presser Bar Lifter Hinge Screw Stud.....                     |
| 1299C | 22833   | Hand Wheel Position Screw for 178057....                                  |
| 1403F | 22828   | Feed Plate Carrier Hinge Screw.....                                       |
| 1484D | 22832   | Needle Guide Thread Finger Screw for 178070.....                          |
| 1499F | 22828   | Feed Plate Carrier Regulator Cap Screw..                                  |
| 1521E | 22832   | Stop Motion Releasing Button Screw Stud Nut.....                          |
| 1547J | 22834   | Tension (stationary) Screw Stud Nut for 178088.....                       |
| 1560C | 22834   | Tension (automatic) Regulating Thumb Nut for 175166.....                  |
| 1560C | 22834   | Tension (stationary) Regulating Thumb Nut for 33929.....                  |
| 1607J | 22828   | Face Plate Thread Nipper Releasing Screw Stud Nut for 178032.....         |
| 1655J | 22828   | Face Plate Thread Nipper Releasing Screw Stud Bushing Nut for 178032..... |
| 1655J | 22828   | Tension (automatic) Screw Stud Nut for 178087.....                        |
| 1700J | 22834   | Thread Pull-off Hinge Screw Nut for 178032.....                           |

## NUMERICAL LIST OF PARTS

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| No.    | Plate | Name                                                             |
|--------|-------|------------------------------------------------------------------|
| 1708J  | 22833 | Feed Plate Carrier Vibrating Arm Slide Screw Nut.....            |
| 2022   | 22826 | Arm Dowel Pin.....                                               |
| 2065   | 22827 | Button Clamp Presser Bar Spring.....                             |
| 2084   | 22829 | " " Spreader Steady Pin for 178021.....                          |
| 7071   | 22826 | Button Clamp Adjusting Lever Thumb Screw Washer for 178030.....  |
| 7071   | 22826 | Face Plate Thread Nipper Plate Spacing Washer for 178032.....    |
| 7958   | 22828 | Feed Plate Carrier Driving Arm Pin for 178104.....               |
| 8575   | 22826 | Arm Rotary Shaft Crank Pin for 178003..                          |
| 9256   | 22826 | Bed Spool Pin.....                                               |
| 9534   | 22831 | Stop Motion Interlocking Rod Spring....                          |
| 9544   | 22828 | Face Plate Thread Retainer Disc Cover for 178032.....            |
| 9568   | 22834 | Thread Guide (side of arm).....                                  |
| 13710  | 22834 | Tension (automatic) Spring for 178087..                          |
| 13710  | 22834 | " (stationary) Spring for 178088.                                |
| 15405  | ----- | Trade Mark Rivet for 178001.....                                 |
| 19445  | 22826 | Button Clamp (left) Spring Steady Pin for 178010.....            |
| 19445  | 22826 | Button Clamp (right) Spring Steady Pin for 178014.....           |
| 22436  | 22834 | Thread Pull-off Washer for 178032.....                           |
| 25539  | 22835 | Stiletto (Accessories).....                                      |
| 26026  | 22835 | Screw Driver (large) (Accessories)....                           |
| 26485  | 22835 | " " (small) (Accessories)....                                    |
| 32572  | 22834 | Tension (automatic) Releasing Disc for 178087.....               |
| 33929  | ----- | Tension (stationary) Screw Stud 637C with 1560C, for 178088..... |
| 36569  | 22835 | Oiler with 36571, for 36570.....                                 |
| 36570  | ----- | " 36569, filled with oil (Accessories).....                      |
| 36571  | 22835 | Oiler Spout, 1 3/4 in. long, with 36807, for 36569.....          |
| 36807  | 22834 | Oiler Spout Washer (leather) for 36571.                          |
| 40282  | 22834 | Machine Base Bolt Nut Washer.....                                |
| 42041  | 22832 | Stop Motion Trip Block Spring.....                               |
| 42830  | 22834 | Machine Base Machine Hinge Pin Cotter Pin.....                   |
| *45773 | ----- | Trade Mark for 178001.....                                       |
| 50150C | 22826 | Arm Rotary Shaft Collar Set Screw for 178004.....                |
| 50302D | 22832 | Looper Set Screw.....                                            |
| 50302E | 22832 | Stop Motion Interlocking Rod Collar Set Screw for 178078.....    |

## NUMERICAL LIST OF PARTS

| No.     | Plate | Name                                                                      |
|---------|-------|---------------------------------------------------------------------------|
| 50311C  | 22833 | Needle Bar Connecting Stud Set Screw<br>for 178067.....                   |
| 50367J  | 22828 | Face Plate Thread Nipper Plate Screw<br>for 178032.....                   |
| 51083R  | 22834 | Machine Base Bolt with 51581R.....                                        |
| 51228B  | 22829 | Button Clamp Pressure Regulating Thumb<br>Screw.....                      |
| 51581R  | 22834 | Machine Base Bolt Nut for 51083.....                                      |
| 51673C  | 22828 | Feed Plate Carrier Adjusting Handle<br>Screw Nut for 178105.....          |
| 51674C  | 22828 | Feed Plate Carrier Adjusting Handle<br>Stop Screw Nut.....                |
| 51926   | 22828 | Feed Plate Carrier Driving Arm Roller<br>and Screw Stud for 178104.....   |
| 51926   | 22828 | Feed Plate Carrier Regulator Roller and<br>Screw Stud for 178051.....     |
| 90530   | 22829 | Button Clamp Arm Screw Washer.....                                        |
| 125375  | 22828 | Face Plate Thread Retainer Disc Spring<br>for 178032.....                 |
| 140043C | 22834 | Tension (automatic) Screw Stud for<br>175166.....                         |
| 140142C | 22829 | Button Clamp Button Stop Screw for<br>178030.....                         |
| 140143C | 22828 | Feed Cam Driving Worm Wheel Hinge Screw                                   |
| 140144C | 22833 | Feed Plate Carrier Vibrating Arm Slide<br>Screw.....                      |
| 140145C | 22833 | Needle Bar Connecting Link Hinge Screw.                                   |
| 140159E | 22832 | Needle Guide Oscillating Crank Clamping<br>Screw for 175132.....          |
| 140196E | 22830 | Hand Wheel Handle Hinge Screw.....                                        |
| 175130  | 22832 | Needle Guide Cam with two 1259C.....                                      |
| 175132  | 22832 | " " Oscillating Crank with<br>140159E and 175134.....                     |
| 175134  | 22832 | Needle Guide Oscillating Crank Spring<br>Hook (bed end).....              |
| 175134  | 22832 | Needle Guide Oscillating Crank Spring<br>Hook (crank end) for 175132..... |
| 175160  | 22834 | Tension (automatic) Disc for 178087....                                   |
| 175160  | 22834 | " (stationary) Disc for 178088...                                         |
| 175166  | ----- | Tension (automatic) Screw Stud 140043C<br>with 1560C, for 178087.....     |
| *178001 | ----- | Arm with 45773 and two 15405.....                                         |
| 178002  | 22827 | " Rotary Shaft for 178003.....                                            |
| 178003  | ----- | " " " 178002 with 8575 and<br>178005.....                                 |
| 178004  | 22826 | Arm Rotary Shaft Collar with two 50150C                                   |
| 178005  | 22826 | " " " Crank for 178003.....                                               |
| 178006  | 22826 | " " " Gear with two 1147C...                                              |
| 178006  | 22826 | " Shaft (upright) Gear (lower) with<br>two 1147C.....                     |

## NUMERICAL LIST OF PARTS

17

| No.     | Plate | Name                                                                                                                                                                                    |
|---------|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 178007  | 22827 | Arm Shaft (upright).....                                                                                                                                                                |
| 178008  | 22826 | " " " Gear (upper) with<br>two 1147C.....                                                                                                                                               |
| *178009 | ----- | Bed.....                                                                                                                                                                                |
| 178010  | 22827 | Button Clamp (left) with 19445 and<br>178013, for 178011.....                                                                                                                           |
| 178011  | ----- | Button Clamp (left) 178010 with 662J<br>and 178012, for 178030.....                                                                                                                     |
| 178012  | 22826 | Button Clamp (left) Spring for 178011..                                                                                                                                                 |
| 178013  | 22826 | " " " Stud for 178010....                                                                                                                                                               |
| 178013  | 22826 | " " (right) Stud for 178014...                                                                                                                                                          |
| 178014  | 22827 | " " " with 19445 and<br>178013, for 178015.....                                                                                                                                         |
| 178015  | ----- | Button Clamp (right) 178014 with 662J<br>and 178016, for 178030.....                                                                                                                    |
| 178016  | 22826 | Button Clamp (right) Spring for 178015.                                                                                                                                                 |
| 178017  | 22826 | " " Adjusting Lever for 178030                                                                                                                                                          |
| 178018  | 22827 | " " Arm with 178025, for<br>178030.....                                                                                                                                                 |
| 178019  | 22827 | Button Clamp Arm Hinge Bracket for<br>178110.....                                                                                                                                       |
| 178020  | 22829 | Button Clamp Arm Hinge Bracket Hinge<br>Pin for 178110.....                                                                                                                             |
| 178021  | 22829 | Button Clamp Button Stop with two 2084,<br>for 178030.....                                                                                                                              |
| 178022  | 22829 | Button Clamp Closing Spring for 178030.                                                                                                                                                 |
| 178023  | 22829 | " " " " Plate for<br>178030.....                                                                                                                                                        |
| 178024  | 22829 | Button Clamp Lifter.....                                                                                                                                                                |
| 178025  | 22829 | " " " Wire for 178018....                                                                                                                                                               |
| 178026  | 22827 | " " Presser Bar.....                                                                                                                                                                    |
| 178027  | 22829 | " " " " Lifter.....                                                                                                                                                                     |
| 178028  | 22829 | " " " " Lifting Brack-<br>et with 185J.....                                                                                                                                             |
| 178029  | 22829 | Button Clamp Spreader for 178030.....                                                                                                                                                   |
| 178030  | ----- | Button Clamp complete for 10 to 35<br>ligne buttons, Nos. 230J, 287W, 7071,<br>140142C, 178011, 178015, 178017,<br>178018, 178021 to 178023, 178029 and<br>two each 336J and 1175K..... |
| 178031  | 22827 | Face Plate for 178032.....                                                                                                                                                              |
| 178032  | ----- | Face Plate complete, Nos. 208J, 957K,<br>1607J, 1655J, 1700J, 7071, 9544, 22436,<br>50367J, 125375, 178031, 178033 to<br>178037, 178088, 178089, 178103 and<br>178107.....              |
| 178033  | 22828 | Face Plate Thread Nipper Plate (inside)<br>for 178032.....                                                                                                                              |
| 178034  | 22828 | Face Plate Thread Nipper Plate (out-<br>side) for 178032.....                                                                                                                           |

## NUMERICAL LIST OF PARTS

| No.     | Plate | Name                                                                       |
|---------|-------|----------------------------------------------------------------------------|
| 178035  | 22828 | Face Plate Thread Nipper Releasing<br>Screw Stud for 178032.....           |
| 178036  | 22828 | Face Plate Thread Nipper Releasing<br>Screw Stud Bushing for 178032.....   |
| 178037  | 22828 | Face Plate Thread Nipper Releasing<br>Screw Stud Screw Bushing for 178032. |
| 178038  | 22830 | Feed Cam, obsolete, superseded by<br>178108, not interchangeable.....      |
| 178039  | 22830 | Feed Cam Driving Worm with 624C and 791C                                   |
| 178040  | 22830 | " " " " Wheel.....                                                         |
| 178041  | 22828 | " " " " " Steady Pin..                                                     |
| 178042  | 22827 | " Plate.....                                                               |
| 178043  | 22827 | " " Carrier with 337J, for 178110                                          |
| 178044  | 22827 | " " " Adjusting Handle.....                                                |
| 178045  | 22827 | " " " " " Support                                                          |
| 178046  | 22833 | " " " Vibrating Stud.....                                                  |
| 178047  | 22827 | " " " Adjusting Slide for<br>178105.....                                   |
| 178048  | 22828 | Feed Plate Carrier Adjusting Slide Con-<br>necting Link.....               |
| 178049  | 22831 | Feed Plate Carrier Driving Arm for<br>178104.....                          |
| 178050  | 22828 | Feed Plate Carrier Driving Arm Hinge<br>Stud for 178104.....               |
| 179051  | 22831 | Feed Plate Carrier Regulator with 51926.                                   |
| 178052  | 22831 | " " " Vibrating Arm.....                                                   |
| 178053  | 22833 | " " " " " Slide<br>Screw Bushing.....                                      |
| 178054  | 22830 | Feed Plate Carrier Vibrating Cam.....                                      |
| 178055  | 22828 | " " " Adjusting Screw Stud.                                                |
| 179056  | 22833 | " " " Vibrating Stud Posi-<br>tion Plate.....                              |
| 178057  | 22830 | Hand Wheel with 448C and 1299C.....                                        |
| 178058  | 22830 | " " Handle (wood).....                                                     |
| 178060  | 22831 | " " Shaft.....                                                             |
| 178061  | 22833 | " " " Collar with two 1259C..                                              |
| 178062  | 22826 | " " " Gear with 791C and<br>1147C.....                                     |
| 178063  | 22833 | Hand Wheel Stop Block.....                                                 |
| 178064  | 22833 | Looper.....                                                                |
| 178065  | 22831 | Needle Bar with 336F.....                                                  |
| 178066  | 22833 | " " Connecting Link.....                                                   |
| 178067  | 22833 | " " " Stud with 50311C..                                                   |
| 179068  | 22833 | " " Thread Guide.....                                                      |
| *178069 | ----- | " Guide for 178070.....                                                    |
| 178070  | 22831 | " " 178069 with 1484D, 179072<br>and 178074.....                           |
| 178071  | 22832 | Needle Guide Oscillating Crank Spring...                                   |
| *178072 | ----- | " " Shaft for 178070.....                                                  |

## NUMERICAL LIST OF PARTS

19

| No.     | Plate | Name                                                                                                |
|---------|-------|-----------------------------------------------------------------------------------------------------|
| 178073  | 22832 | Needle Guide Shaft Bushing.....                                                                     |
| 178074  | 22832 | " " Thread Finger for 178070..                                                                      |
| 178075  | 22831 | " Plate.....                                                                                        |
| 178076  | 22831 | Stop Motion Interlocking Rod.....                                                                   |
| 178077  | 22832 | " " " " Bushing...                                                                                  |
| 178078  | 22832 | " " " " Collar<br>with two 50302E.....                                                              |
| *178079 | ----- | Stop Motion Releasing Button for 178080                                                             |
| 178080  | 22832 | " " " " 178079 with<br>178081.....                                                                  |
| *178081 | ----- | Stop Motion Releasing Button Screw Stud<br>for 178080.....                                          |
| 178082  | 22832 | Stop Motion Trip Block with 178083.....                                                             |
| 178083  | 22832 | " " " Stud for 178082.....                                                                          |
| 178084  | 22831 | Tension (automatic) Plate for 178101...                                                             |
| 178085  | 22832 | " " Releasing Cam with<br>two 624C.....                                                             |
| 178086  | 22834 | Tension (automatic) Releasing Stud.....                                                             |
| 178087  | ----- | Tension (automatic) complete for 178101,<br>Nos. 1655J, 13710, 32572, 175166<br>and two 175160..... |
| 178088  | ----- | Tension (stationary) complete for<br>178032, Nos. 1547J, 13710, 33929 and<br>two 175160.....        |
| 178089  | 22834 | Thread Pull-off for 178032.....                                                                     |
| 178090  | 22834 | " " Spring.....                                                                                     |
| 178091  | 22835 | Wrench for 1708 (Accessories). ....                                                                 |
| 178092  | 22835 | " " 1607 (Accessories).....                                                                         |
| 178093  | 22836 | Machine Base.....                                                                                   |
| 178094  | 22834 | " " Machine Hinge Pin.....                                                                          |
| 178095  | 22835 | " " " Lock Clip.....                                                                                |
| 178096  | 22835 | " " " Support (lower)<br>for 178100.....                                                            |
| 178097  | 22835 | Machine Base Machine Support (upper)<br>for 178100.....                                             |
| 178098  | 22834 | Machine Base Machine Support Hinge Riv-<br>et for 178100.....                                       |
| 178099  | 22835 | Machine Base Machine Support Lock Slide<br>for 178100.....                                          |
| 178100  | ----- | Machine Base Machine Support complete,<br>Nos. 178096 to 178099 and 178102..                        |
| 178101  | ----- | Tension (automatic) Plate 178084 with<br>178087 and 178103.....                                     |
| 178102  | 22834 | Machine Base Machine Support Lock Slide<br>Rivet for 178100.....                                    |
| 178103  | 22834 | Tension (automatic) Disc Position Pin<br>for 178101.....                                            |
| 178103  | 22834 | Tension (stationary) Disc Position Pin<br>for 178032.....                                           |

## NUMERICAL LIST OF PARTS

| No.    | Plate | Name                                                                      |
|--------|-------|---------------------------------------------------------------------------|
| 178104 | ----- | Feed Plate Carrier Driving Arm 178049<br>with 7958, 51926 and 178050..... |
| 178105 | ----- | Feed Plate Carrier Adjusting Slide<br>178047 with 212D and 51673C.....    |
| 178106 | 22826 | Bed Spool Pin Washer.....                                                 |
| 178108 | 22830 | Feed Cam.....                                                             |
| 178107 | 22828 | Face Plate Thread Retainer Disc for<br>178032.....                        |
| 178109 | 22833 | Feed Plate Carrier Spring.....                                            |
| 178110 | ----- | " " " 178043 with 178019<br>and 178020.....                               |

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in SINGER Machines.  
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are marked with the  
Company's Trade Mark "SIMANCO.\*\*\*" 1

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# PLATE 22826 - FULL SIZE

9256



134



287



1175



50150



178006



178062



178008



1147



178004



662



19445



178013



178012



178016



2022



8575



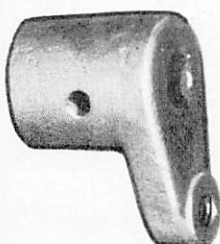
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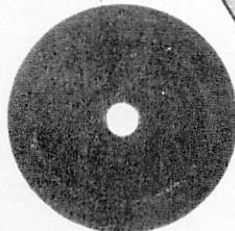
178017



178005



178106



# PLATE 22827 - ONE-HALF SIZE

178002



2065



178044



178026



178019



178043



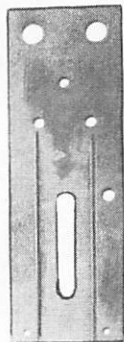
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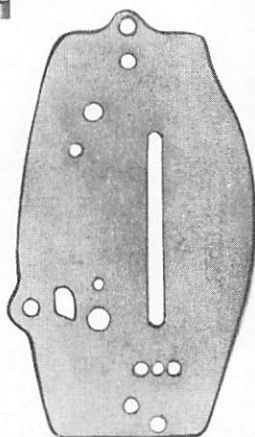
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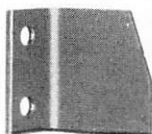
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178031



178045



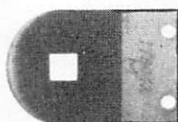
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178014

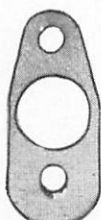


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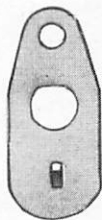
# PLATE 22828 - FULL SIZE

178033



9544

178034



178107

178048



125375

178050



178036



178055



191



212



208

50367



51926



178037



51674



51673



1607



791



624



1655



1499



140143



178041



7958



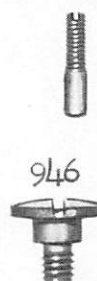
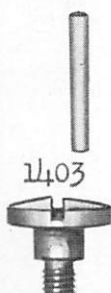
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1403

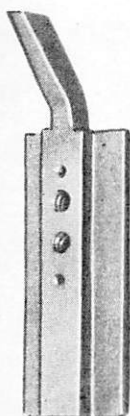


946



# PLATE 22829 - FULL SIZE

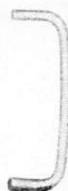
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178022



178025



178024



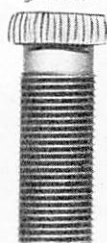
178020



178028



51228



336



185



898



178027



1294



1401/42



230



90530



178023



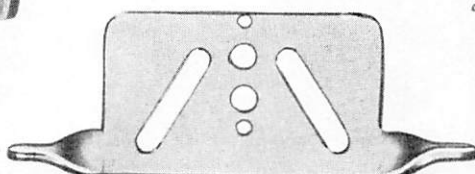
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330



178029



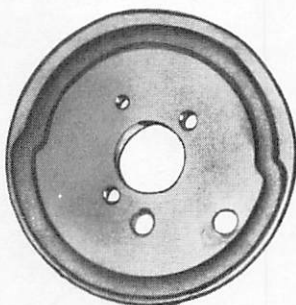
2084



## PLATE 22830 - ONE-HALF SIZE

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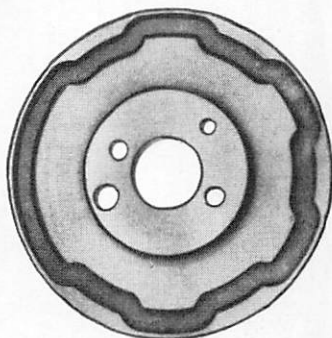
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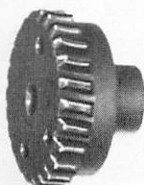
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178054



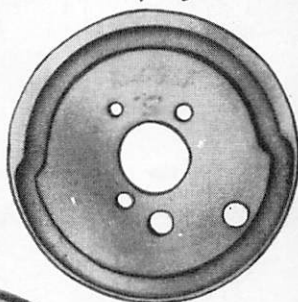
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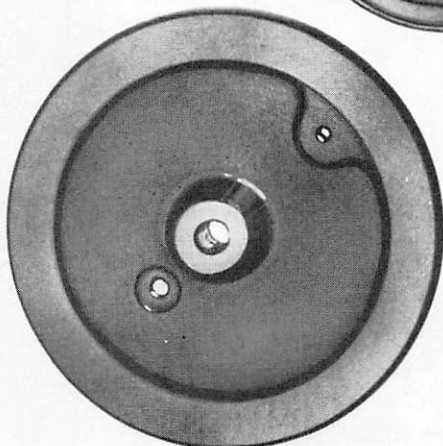
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178038



178057



140196

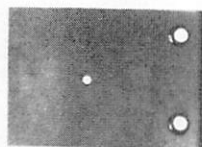


# PLATE 2283I - ONE-HALF SIZE

178060



178075



178065



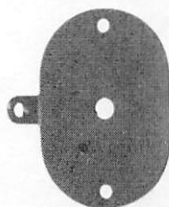
9534



178076



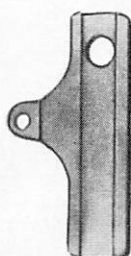
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178052



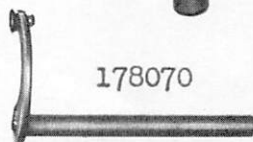
178049



178051

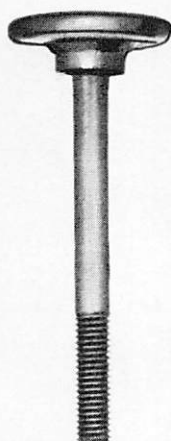


178070



# PLATE 22832 - FULL SIZE

178080



178082



175132



178071



175134



178074



1484



178077



178073



42041



178078



1521



201



447



178083



50302



1125



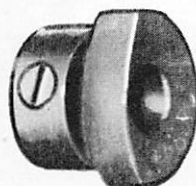
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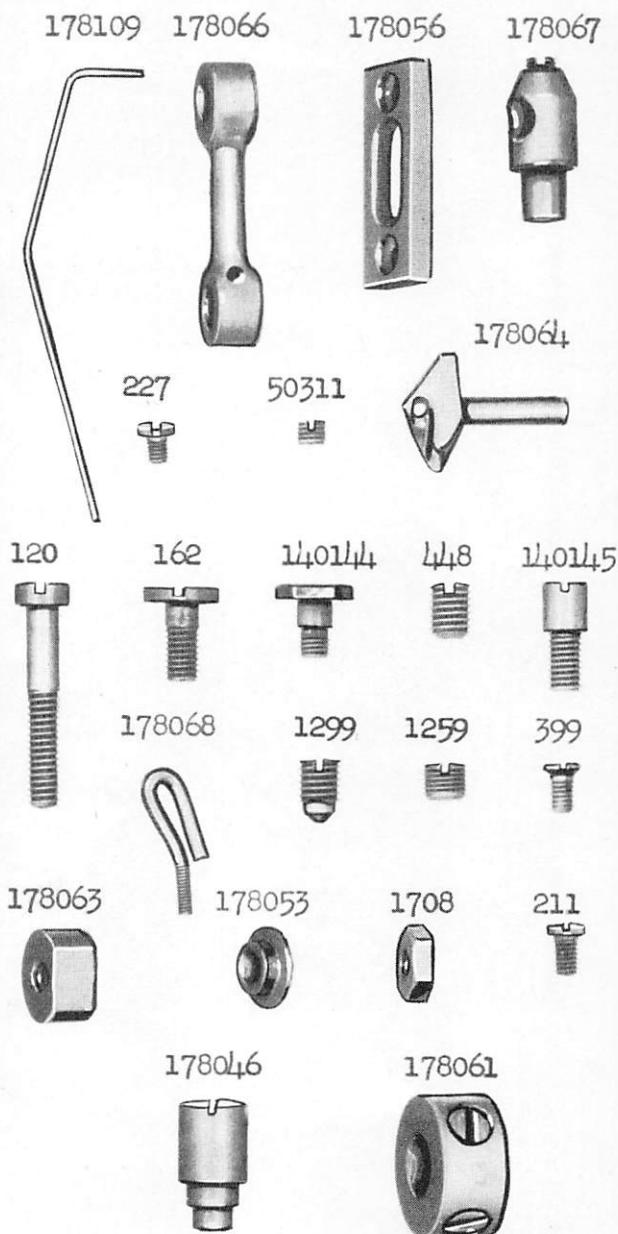
178085



175130



# PLATE 22833 - FULL SIZE



# PLATE 22834 - FULL SIZE

175160



32572



1560



140043



637



13710



178103



9568



178090



178089



178094



771



51083



957



766



178102



178098



178086



42830



40282



22436



36807



1700



1547



51581



## PLATE 22835 - ONE-HALF SIZE

26026



26485



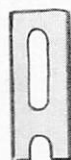
25539



178095



178099



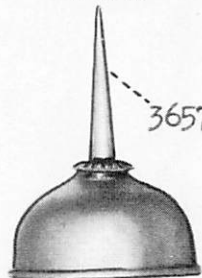
178097



178096



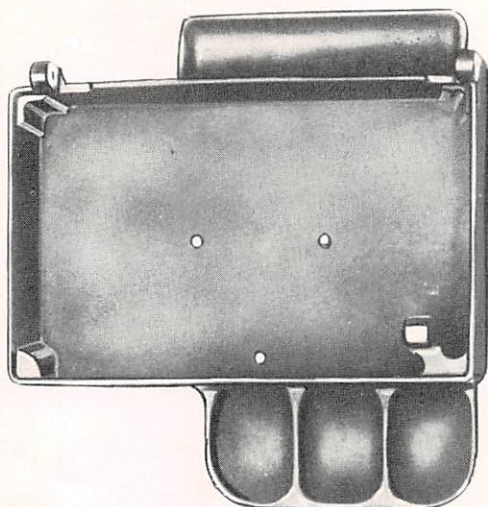
36569



36571

PLATE 22836 - ONE-FOURTH SIZE

178093



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

