

FORM 18929  
SEPTEMBER, 1935  
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# LIST OF PARTS



MACHINE No. 148-12

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THE SINGER MANUFACTURING COMPANY

From the library of: Superior Sewing Machine & Supply LLC

## INSTRUCTIONS FOR OILING

The machine is equipped with an oil reservoir from which all the principal bearings receive a constant supply of oil, the oil flowing from the reservoir through the tubes.

When in continuous use, all other oiling points should be oiled at least twice each day with Singer Manufacturing Sewing Machine Oil (Stainless for White Goods).

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## INSTRUCTIONS FOR ORDERING

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

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

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

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

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

A-Hardened, Polished, Nickel Plated and Buffed

B-Polished, Nickel Plated and Buffed

C-Hardened Only

D-Polished Only

E-Soft, Not Polished

F-Hardened and Polished

H-Blued

J-Nickel Plated Only

K-Hardened and Nickel Plated

L-Brass Plated

M-Oxidized

N-Japanned, Dull

P-Japanned, Bright

R-Merlized

T-Copper Plated

T.A-Hardened, Polished, Copper and Nickel Plated and Buffed

T.B-Copper and Nickel Plated and Polished

T.J-Copper and Nickel Plated Only

T.K-Hardened, Copper and Nickel Plated

T.M-Copper Plated and Oxidized

T.L-Copper and Brass Plated

U-Zinc Plated

V-Silver Plated

W-Polished and Nickel Plated

Y-Black Nickel Plated Only

Z-Chromium Plated

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

Z.J-Nickel and Chromium Plated

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

In this series:

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

1501 to 1800 and 51501 to 51800 are Nut Numbers

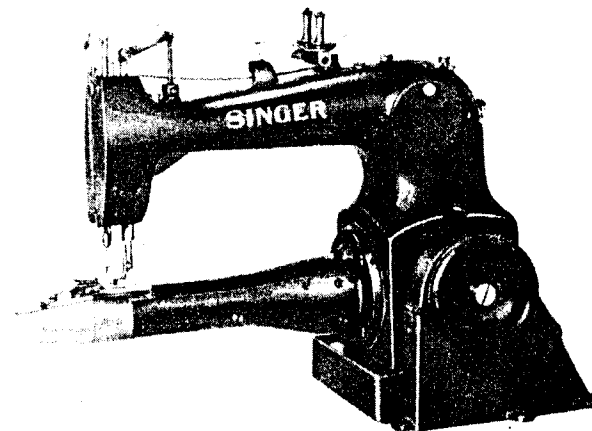
1801 to 2000 and 51801 to 52000 are Roller Numbers

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

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

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

## LIST OF PARTS COMPLETE FOR



MACHINE NO. 148-12

FOR TWO LINE STITCHING ON SHIRTS, PAJAMAS, MEDIUM AND LIGHT WEIGHT MATERIAL.

TWO NEEDLES, TWO LOOPERS, DOUBLE CHAIN-STITCH. GAUGES 1/8 IN., 5/32 IN., 3/16 IN., 7/32 IN. AND 1/4 INCH. SHORT NEEDLE BAR STROKE.

SPEED 3500 R.P.M. ACCORDING TO THE MATERIAL BEING STITCHED.

| No.     | Plate | Name                                                                                                                          |
|---------|-------|-------------------------------------------------------------------------------------------------------------------------------|
| *128439 | ----  | Arm with 15404 and two 15405.....                                                                                             |
| 54913   | 9725  | " Back Cover.....                                                                                                             |
| 54914   | ----  | Arm Back Cover complete, Nos. 1538D, 50223D, 54913, 54915, 54916 and two 1443J.....                                           |
| 54915   | 9721  | Arm Back Cover Latch with 911E.....                                                                                           |
| 50223D  | 9713  | " " " " Hinge Screw.....                                                                                                      |
| 911E    | 9714  | " " " " Screw Stud.....                                                                                                       |
| 1538D   | 9707  | " " " " " " Thumb Nut.                                                                                                        |
| 54916   | 9721  | " " " " Spring.....                                                                                                           |
| 1443J   | 9713  | " " " " Screw.....                                                                                                            |
| 128440  | 9708  | " Oil Cup (large) for oiling Crank Connecting Rod (upper) Bearing and Cylinder Rock Shaft Connecting Rod (upper) Bearing..... |

| No.     | Plate | Name                                                                                                                              |
|---------|-------|-----------------------------------------------------------------------------------------------------------------------------------|
| 68350   | 9708  | Arm Oil Cup (small) for oiling Arm Rock Shaft front, intermediate and back bearings and Hand Wheel and Pulley Shaft bearings..... |
| 138320  | 9708  | Arm Oil Cup (small) Washer (leather) for 68350.....                                                                               |
| 52185   | 9708  | Arm Oil Tube with 42367, for oiling 54711.                                                                                        |
| 42367   | 9708  | " " " Packing (braided cotton).....                                                                                               |
| 128441  | 9723  | " Rock Shaft.....                                                                                                                 |
| 128003  | 9720  | " " " Bushing (back).....                                                                                                         |
| 130869  | 9708  | " " " " Oil Pad (braided cotton).....                                                                                             |
| 437C    | 9714  | Arm Rock Shaft Bushing (back) Set Screw...                                                                                        |
| 128442  | 9720  | " " " " (front).....                                                                                                              |
| 128419  | 9708  | " " " " Oil Pad (braided cotton).....                                                                                             |
| 888C    | 9714  | Arm Rock Shaft Bushing (front) Set Screw..                                                                                        |
| 54919   | 9720  | " " " " (intermediate).....                                                                                                       |
| 130869  | 9708  | " " " " Oil Pad (braided cotton).....                                                                                             |
| 50224C  | 9714  | Arm Rock Shaft Bushing (intermediate) Set Screw.....                                                                              |
| 54921   | 9704  | Arm Rock Shaft Collar with two 456C.....                                                                                          |
| 456C    | 9712  | " " " " Set Screw.....                                                                                                            |
| 128443  | 9720  | " " " Crank (back) with two 50083C, for 128445.....                                                                               |
| 128006  | 9720  | Arm Rock Shaft Crank (back) with two 50083C, for 128021.....                                                                      |
| 50083C  | 9713  | Arm Rock Shaft Crank (back) Set Screw....                                                                                         |
| 128444  | 9720  | " " " " (front) with two 50135C.....                                                                                              |
| 50135C  | 9713  | Arm Rock Shaft Crank (front) Set Screw....                                                                                        |
| 56016   | 9717  | " Side Cover.....                                                                                                                 |
| 51224D  | 9714  | " " Thumb Screw.....                                                                                                              |
| 128445  | 9718  | Crank Connecting Rod complete, Nos. 217J, 1722E, 1723E, 54925, 55034, 128432 and 128448.....                                      |
| *54925  | ----  | Crank Connecting Rod (rod only).....                                                                                              |
| 51043C  | 9714  | " " " Ball Screw Stud.....                                                                                                        |
| 1597E   | 9707  | " " " " " Nut..                                                                                                                   |
| 67425   | 9707  | " " " " " Lock Washer.....                                                                                                        |
| 896E    | 9713  | Crank Connecting Rod Cap (lower) Screw....                                                                                        |
| 171E    | 9713  | " " " " (upper) Screw....                                                                                                         |
| *128447 | ----  | " " " End Bearing (lower)..                                                                                                       |
| *128430 | ----  | " " " " (upper)..                                                                                                                 |
| *128448 | ----  | " " " Head (lower) Nos. 128447 and two 896E.....                                                                                  |

| No.     | Plate | Name                                                                            |
|---------|-------|---------------------------------------------------------------------------------|
| *128432 | ----  | Crank Connecting Rod Head (upper) Nos. 51043C, 128430 and two 171E.....         |
| 138304  | 9708  | Crank Connecting Rod Head (upper) Oil Pad (braided cotton).....                 |
| 1722E   | 9707  | Crank Connecting Rod Nut (lower).....                                           |
| 1723E   | 9707  | " " " " (upper).....                                                            |
| 55034   | 9711  | " " " Position Plate.....                                                       |
| 217J    | 9713  | " " " " Screw.                                                                  |
| *128449 | ----  | Cylinder with 452C, 460C, 824C, 50150C, 54664, 128032, 128033 and two 391J..... |
| 54620   | 9711  | Cylinder Dowel Pin.....                                                         |
| 128450  | 9717  | " End Cover with 128456.....                                                    |
| 128451  | ----  | Cylinder End Cover complete, Nos. 128128, 128450, 128455 and three 1231J.....   |
| 128452  | ----  | Cylinder End Cover 128451 with 128453 and two 158J.....                         |
| 128453  | 9717  | Cylinder End Cover Extension.....                                               |
| 158J    | 9713  | " " " " Screw.....                                                              |
| 128454  | 9717  | " " " Lock Stud.....                                                            |
| 128455  | ----  | " " " " 128454 with 337J and 128457.....                                        |
| *128456 | ----  | Cylinder End Cover Lock Stud Housing.....                                       |
| 624C    | 9712  | " " " " " Set Screw....                                                         |
| 128457  | 9706  | " " " " " Spring.....                                                           |
| 337J    | 9712  | " " " " " Screw..                                                               |
| *54625  | ----  | " " " Slide (back).....                                                         |
| 128128  | 9717  | " " " " 54625 with 54627 and 55165.....                                         |
| 50999F  | 9713  | Cylinder End Cover Slide (back) Stop Screw                                      |
| *55165  | ----  | " " " " (front).....                                                            |
| 54627   | 9711  | " " " " " Hinge Pin..                                                           |
| 1231J   | 9712  | " " " " " Screw                                                                 |
| 128458  | 9718  | " Rock Shaft.....                                                               |
| 128015  | 9711  | " " " Bushing (back).....                                                       |
| 1125C   | 9712  | " " " " Set Screw.....                                                          |
| 128459  | 9720  | Cylinder Rock Shaft Bushing (front).....                                        |
| 220J    | 9712  | " " " " " Screw..                                                               |
| 128017  | 9720  | " " " Crank with two 1253C..                                                    |
| 1253C   | 9713  | " " " " Set Screw.....                                                          |
| 128460  | 9721  | " " " Connection with 138308 and two each 152E and 175E.....                    |
| 128461  | ----  | Cylinder Rock Shaft Connection 128460 with 128456 and 128466.....               |
| 152E    | 9714  | Cylinder Rock Shaft Connection Cap (large) Screw.....                           |
| 175E    | 9713  | Cylinder Rock Shaft Connection Cap (small) Screw.....                           |



| No.     | Plate | Name                                                                                                             |
|---------|-------|------------------------------------------------------------------------------------------------------------------|
| 138308  | 9706  | Cylinder Rock Shaft Connection Lubricating Pad (wood).....                                                       |
| 128021  | 9718  | Cylinder Rock Shaft Connecting Rod complete, Nos. 1722E, 1723E, 128022, 128025 and 128026.....                   |
| 128022  | ----  | Cylinder Rock Shaft Connecting Rod (rod only).....                                                               |
| 50730C  | 9714  | Cylinder Rock Shaft Connecting Rod Ball Screw Stud (lower).....                                                  |
| 1664E   | 9707  | Cylinder Rock Shaft Connecting Rod Ball Screw Stud (lower) Nut.....                                              |
| 50731C  | 9714  | Cylinder Rock Shaft Connecting Rod Ball Screw Stud (upper).....                                                  |
| 1597E   | 9707  | Cylinder Rock Shaft Connecting Rod Ball Screw Stud (upper) Nut.....                                              |
| 171E    | 9713  | Cylinder Rock Shaft Connecting Rod Cap (lower) Screw.....                                                        |
| 171E    | 9713  | Cylinder Rock Shaft Connecting Rod Cap (upper) Screw.....                                                        |
| *128024 | ----  | Cylinder Rock Shaft Connecting Rod End Bearing (lower).....                                                      |
| *55032  | ----  | Cylinder Rock Shaft Connecting Rod End Bearing (upper).....                                                      |
| 125601  | ----  | Cylinder Rock Shaft Connecting Rod End Bearing (upper) 55032 with two 171E....                                   |
| 128025  | ----  | Cylinder Rock Shaft Connecting Rod Head (lower) Nos. 50730C, 128024 and two 171E                                 |
| 128026  | ----  | Cylinder Rock Shaft Connecting Rod Head (upper) Nos. 217D, 50731C, 55034 and 125601.....                         |
| 138304  | 9708  | Cylinder Rock Shaft Connecting Rod Head (upper) Oil Pad (braided cotton).....                                    |
| 1722E   | 9707  | Cylinder Rock Shaft Connecting Rod Nut (lower).....                                                              |
| 1723E   | 9707  | Cylinder Rock Shaft Connecting Rod Nut (upper).....                                                              |
| 55034   | 9711  | Cylinder Rock Shaft Connecting Rod Position Plate.....                                                           |
| 217D    | 9713  | Cylinder Rock Shaft Connecting Rod Position Plate Screw.....                                                     |
| *128434 | ----  | Cylinder Rock Shaft Eccentric.....                                                                               |
| *128465 | ----  | " " " " Body.....                                                                                                |
| 51426C  | 9713  | " " " " Set Screw.....                                                                                           |
| 128466  | 9720  | Cylinder Rock Shaft Eccentric (adjustable) complete, Nos. 193E, 7071, 51145C, 128464, 128465 and two 51426C..... |
| 51145C  | 9714  | Cylinder Rock Shaft Eccentric Regulating Screw.....                                                              |

| No.     | Plate | Name                                                                                                      |
|---------|-------|-----------------------------------------------------------------------------------------------------------|
| 193E    | 9714  | Cylinder Rock Shaft Eccentric Set Screw...                                                                |
| 7071    | 9707  | " " " " " "                                                                                               |
|         |       | Washer.....                                                                                               |
| 134D    | 9713  | Cylinder Screw.....                                                                                       |
| 128028  | 9706  | " Thread Eyelet.....                                                                                      |
| 128139  | ----  | " " " 128028 with 128186.                                                                                 |
| 1402J   | 9714  | " " " Screw.....                                                                                          |
| 128030  | 9720  | " " Guard.....                                                                                            |
| 1302J   | 9714  | " " " Screw.....                                                                                          |
| 128031  | 9722  | " " Tube.....                                                                                             |
| 128032  | 9719  | " Top Cover (back).....                                                                                   |
| 54664   | 9706  | " " " Hinge Pin.....                                                                                      |
| 460C    | 9712  | " " " " Set Screw....                                                                                     |
| 128033  | 9719  | " " " (front) with 233J and 128034.....                                                                   |
| 391J    | 9713  | Cylinder Top Cover (front) Screw.....                                                                     |
| 128034  | 9719  | " " " " Spring.....                                                                                       |
| 233J    | 9714  | " " " " " Screw...                                                                                        |
| 128467  | 9717  | Face Plate.....                                                                                           |
| 128468  | ----  | Face Plate complete, Nos. 621J, 55184 and 128467.....                                                     |
| 46111   | 9705  | Face Plate Pin.....                                                                                       |
| 55184   | 9711  | " " Thread Guide.....                                                                                     |
| 621J    | 9712  | " " " " Screw.....                                                                                        |
| 51224D  | 9714  | " " Thumb Screw.....                                                                                      |
| 50732C  | 9713  | Feed Adjusting Screw (eccentric).....                                                                     |
| 1735J   | 9707  | " " " Nut.....                                                                                            |
| 128469  | 9709  | " Dog, 16 teeth (16 teeth to the inch) for 138289.....                                                    |
| 128471  | 9709  | Feed Dog, 16 teeth (16 teeth to the inch) for 138293.....                                                 |
| 50128C  | 9709  | Feed Dog Screw.....                                                                                       |
| 128472  | 9721  | " Connecting Rod with two 896E.....                                                                       |
| 138302  | ----  | " " " 128472 with 128475....                                                                              |
| 896E    | 9713  | " " " Cap Screw.....                                                                                      |
| *128474 | ----  | " Eccentric.....                                                                                          |
| 128475  | 9720  | Feed Eccentric (adjustable) complete, Nos. 193E, 7071, 51145C, 128474, 128476, 138306 and two 51426C..... |
| *128476 | ----  | Feed Eccentric Body.....                                                                                  |
| 51426C  | 9713  | " " " Set Screw.....                                                                                      |
| 138306  | 9708  | " " Lubricating Pad (wood)....                                                                            |
| 51145C  | 9714  | " " Regulating Screw.....                                                                                 |
| 193E    | 9714  | " " Set Screw.....                                                                                        |
| 7071    | 9707  | " " " Washer.....                                                                                         |
| 128477  | 9704  | " Lifting Eccentric with 138308 and two 462C.....                                                         |
| 128478  | ----  | Feed Lifting Eccentric 128477 with 128479.                                                                |

| No.    | Plate | Name                                                                                  |
|--------|-------|---------------------------------------------------------------------------------------|
| 138308 | 9706  | Feed Lifting Eccentric Lubricating Pad (wood).....                                    |
| 462C   | 9712  | Feed Lifting Eccentric Set Screw.....                                                 |
| 128043 | 9725  | " " Lever.....                                                                        |
| 128479 | 9721  | " " " Connecting Rod with two 896E.....                                               |
| 896E   | 9713  | Feed Lifting Lever Connecting Rod Cap Screw.....                                      |
| 50997C | 9713  | Feed Lifting Lever Connecting Rod Hinge Screw (eccentric).....                        |
| 1722E  | 9707  | Feed Lifting Lever Connecting Rod Hinge Screw Nut.....                                |
| 128044 | 9706  | Feed Lifting Lever Hinge Pin.....                                                     |
| 452C   | 9712  | " " " " Set Screw....                                                                 |
| 128050 | 9723  | " Rod.....                                                                            |
| 128051 | 9711  | " " Connecting Link (left).....                                                       |
| 128052 | 9711  | " " " " (right).....                                                                  |
| 50733C | 9713  | " " " " Hinge Screw.....                                                              |
| 1735J  | 9707  | " " " " " Nut..                                                                       |
| 128053 | 9720  | " " Hinge Bracket with 50150C.....                                                    |
| 128054 | 9718  | " " " " Hinge Pin.....                                                                |
| 50150C | 9712  | " " " " " Set Screw                                                                   |
| 128055 | 9706  | " " " Pin.....                                                                        |
| 50150C | 9712  | " " " " Set Screw.....                                                                |
| 138309 | 9725  | Hand Wheel and Pulley with two 448C.....                                              |
| 448C   | 9714  | " " " " Set Screw.....                                                                |
| 128482 | 9718  | " " " " Shaft with 138308...                                                          |
| 128483 | ----  | " " " " 128482 with 128448.....                                                       |
| 128484 | ----  | Hand Wheel and Pulley Shaft 128483 with 128461,128478 and 138302.....                 |
| 138310 | 9717  | Hand Wheel and Pulley Shaft Bushing (right).....                                      |
| 138311 | ----  | Hand Wheel and Pulley Shaft Bushing (right) 138310 with 138312 and 138316..           |
| 138312 | 9715  | Hand Wheel and Pulley Shaft Bushing (right) Oil Pad (inside) wick.....                |
| 138316 | 9715  | Hand Wheel and Pulley Shaft Bushing (right) Oil Pad (outside) wick.....               |
| 888C   | 9714  | Hand Wheel and Pulley Shaft Bushing (right) Set Screw.....                            |
| 138314 | 9720  | Hand Wheel and Pulley Shaft Flanged Bushing (left).....                               |
| 138315 | ----  | Hand Wheel and Pulley Shaft Flanged Bushing (left) 138314 with 138312 and 138313..... |
| 138312 | 9715  | Hand Wheel and Pulley Shaft Flanged Bushing (left) Oil Pad (inside) wick.....         |

| No.     | Plate | Name                                                                                                  |
|---------|-------|-------------------------------------------------------------------------------------------------------|
| 138313  | 9715  | Hand Wheel and Pulley Shaft Flanged Bushing (left) Oil Pad (outside) wick.....                        |
| 445C    | 9712  | Hand Wheel and Pulley Shaft Flanged Bushing (left) Set Screw.....                                     |
| 138308  | 9706  | Hand Wheel and Pulley Shaft Lubricating Pad (wood).....                                               |
| 150D    | 9712  | Hand Wheel and Pulley Shaft Screw.....                                                                |
| 128485  | 9704  | Looper (back).....                                                                                    |
| 128059  | 9711  | " " Carrier with 1454C.....                                                                           |
| 1454C   | 9713  | " " " Clamping Screw.....                                                                             |
| 128486  | 9704  | " (front).....                                                                                        |
| 128061  | 9711  | " " Carrier with 1454C.....                                                                           |
| 1454C   | 9713  | " " " Clamping Screw.....                                                                             |
| 399J    | 9712  | " Screw.....                                                                                          |
| 54708   | 9718  | Needle Bar (hollow).....                                                                              |
| 128488  | ----  | Needle Bar complete, Nos. 54708 and 128489                                                            |
| 54710   | 9711  | " " Bushing (lower).....                                                                              |
| 563C    | 9714  | " " " Set Screw.....                                                                                  |
| 54710   | 9711  | " " " (upper).....                                                                                    |
| 563C    | 9714  | " " " Set Screw.....                                                                                  |
| *54711  | 9711  | " " Connecting Link.....                                                                              |
| 55003   | ----  | " " " " 54711 with 54712 and 54713.....                                                               |
| 54712   | 9711  | Needle Bar Connecting Link Hinge Stud.....                                                            |
| 1520J   | 9707  | " " " " " Nut.                                                                                        |
| 54713   | 9711  | " " " Stud with 207E.....                                                                             |
| 207E    | 9713  | " " " Clamping Screw.                                                                                 |
| 128489  | 9711  | " Clamp with two 1498F.....                                                                           |
| 128490  | 9711  | " Guard (back) for 1/4 in. gauge and below.....                                                       |
| 233J    | 9714  | Needle Guard (back) Screw.....                                                                        |
| 128063  | 9711  | " " (front) for 1/4 in. gauge and below.....                                                          |
| 233J    | 9714  | Needle Guard (front) Screw.....                                                                       |
| 54977   | 9711  | " " Holder.....                                                                                       |
| 185J    | 9713  | " " " Screw.....                                                                                      |
| 1498F   | 9712  | " Set Screw.....                                                                                      |
| 128491  | 9719  | Oil Reservoir.....                                                                                    |
| 128492  | ----  | " " 128491 with 128493, 128494 and two 330J.....                                                      |
| 138303  | ----  | Oil Reservoir complete, Nos. 128492,128496 128500,138253,138256,138259,138262, 138264 and 138267..... |
| 128493  | 9719  | Oil Reservoir Cover.....                                                                              |
| 128494  | 9719  | " " " Gasket.....                                                                                     |
| 330J    | 9713  | " " " Screw.....                                                                                      |
| *128495 | ----  | " " Oil Pipe.....                                                                                     |
| 128496  | 9722  | Oil Reservoir Oil Pipe 128495 with 68350 and 128497, for filling oil reservoir..                      |

| No.     | Plate | Name                                                                                                                                              |
|---------|-------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| 68350   | 9708  | Oil Reservoir Oil Pipe Cup.....                                                                                                                   |
| *128497 | ----  | " " " " Head.....                                                                                                                                 |
| 128498  | 9710  | " " " Tube with 138269, for<br>128500.....                                                                                                        |
| 128499  | 9710  | Oil Reservoir Oil Tube Wick for 128500....                                                                                                        |
| 128500  | ----  | Oil Reservoir Oil Tube complete, for oil-<br>ing Cylinder Rock Shaft Bushing (back)<br>Nos. 51630,128498,128499 and 138268....                    |
| 138251  | 9710  | Oil Reservoir Oil Tube with 138269, for<br>138253.....                                                                                            |
| 138252  | 9710  | Oil Reservoir Oil Tube Wick for 138253....                                                                                                        |
| 138253  | ----  | Oil Reservoir Oil Tube complete for oiling<br>Cylinder Rock Shaft Connecting Rod<br>(lower) Bearing, Nos. 51630,138251,<br>138252 and 138268..... |
| 138254  | 9710  | Oil Reservoir Oil Tube with 138269, for<br>138256.....                                                                                            |
| 138255  | 9710  | Oil Reservoir Oil Tube Wick for 138256....                                                                                                        |
| 138256  | ----  | Oil Reservoir Oil Tube complete, for oil-<br>ing Cylinder Rock Shaft Connection<br>(front) Bearing, Nos. 51630, 138254,<br>138255 and 138268..... |
| 138257  | 9710  | Oil Reservoir Oil Tube with 138269, for<br>138259.....                                                                                            |
| 138258  | 9710  | Oil Reservoir Oil Tube Wick for 138259....                                                                                                        |
| 138259  | ----  | Oil Reservoir Oil Tube complete for oiling<br>Feed Connecting Rod, Nos. 51630,138257,<br>138258 and 138268.....                                   |
| 138260  | 9708  | Oil Reservoir Oil Tube with 138269 for<br>138262.....                                                                                             |
| 138261  | 9708  | Oil Reservoir Oil Tube Wick for 138262....                                                                                                        |
| 138262  | ----  | Oil Reservoir Oil Tube complete, for oil-<br>ing Cylinder Rock Shaft Connection<br>(back) Bearing, Nos. 51630,138260,<br>138261 and 138268.....   |
| 138263  | 9708  | Oil Reservoir Oil Tube with 138269, for<br>138264.....                                                                                            |
| 138264  | 9710  | Oil Reservoir Oil Tube Wick for 138264....                                                                                                        |
| 138264  | ----  | Oil Reservoir Oil Tube complete, for oil-<br>ing Feed Lifting Lever Connecting Rod,<br>Nos. 51630,138258,138263 and 138268....                    |
| 138265  | 9708  | Oil Reservoir Oil Tube with 138269, for<br>138267.....                                                                                            |
| 138266  | 9708  | Oil Reservoir Oil Tube Wick for 138267....                                                                                                        |
| 138267  | ----  | Oil Reservoir Oil Tube complete, for oil-<br>ing Crank Connecting Rod (lower) Bear-<br>ing, Nos. 51630,138265,138266 and<br>138268.....           |
| 138268  | 9708  | Oil Reservoir Oil Tube Coupling.....                                                                                                              |

| No.     | Plate | Name                                                                                                     |
|---------|-------|----------------------------------------------------------------------------------------------------------|
| *138269 | ----  | Oil Reservoir Oil Tube Ferrule.....                                                                      |
| 51630   | 9708  | " " " " Lock Nut.....                                                                                    |
| 50195D  | 9713  | " " " Screw.....                                                                                         |
| 22434   | 9707  | " " " Washer (leather).....                                                                              |
| 55084   | 9723  | Presser Bar (lower).....                                                                                 |
| 128064  | 9720  | " " " Bushing.....                                                                                       |
| 563C    | 9714  | " " " Set Screw.....                                                                                     |
| 128065  | 9722  | " " (upper).....                                                                                         |
| 128066  | 9706  | " " " Guide Bracket with<br>440C.....                                                                    |
| 440C    | 9714  | Presser Bar (upper) Guide Bracket Set<br>Screw.....                                                      |
| 128067  | 9720  | Presser Bar Connecting Bracket with 448C<br>and 453C.....                                                |
| 448C    | 9714  | Presser Bar Connecting Bracket Set Screw<br>(long).....                                                  |
| 453C    | 9712  | Presser Bar Connecting Bracket Set Screw<br>(short).....                                                 |
| 128068  | 9723  | Presser Bar Lifter.....                                                                                  |
| 128069  | 9723  | " " " Connecting Link.....                                                                               |
| 50116E  | 9714  | " " " " Hinge<br>Screw (lower).....                                                                      |
| 108F    | 9712  | Presser Bar Lifter Connecting Link Hinge<br>Screw (upper).....                                           |
| 50415C  | 9713  | Presser Bar Lifter Hinge Screw.....                                                                      |
| 2269    | 9706  | " " " Stop Pin (lower).....                                                                              |
| 2049    | 9706  | " " " " (upper).....                                                                                     |
| 128070  | 9722  | " " " Lifting Lever.....                                                                                 |
| 128071  | 9723  | " " " Extension.....                                                                                     |
| 161C    | 9713  | " " " " Screw.....                                                                                       |
| 866D    | 9713  | " " " " Hinge Screw.....                                                                                 |
| 184D    | 9714  | " " " " Stop Screw.....                                                                                  |
| 128072  | 9723  | " " " Spring (flat).....                                                                                 |
| 54722   | 9706  | " " " Stud.....                                                                                          |
| 26276   | 9704  | " " " Foot Hinge Pin.....                                                                                |
| 128329  | ----  | " " " Plate.....                                                                                         |
| 128339  | ----  | " " " Shank.....                                                                                         |
| 128330  | 9704  | Presser Foot (hinged) complete, for 1/8<br>in. to 3/16 in. gauges, Nos. 26276,<br>128329 and 128339..... |
| 26276   | 9704  | Presser Foot Hinge Pin.....                                                                              |
| 128346  | ----  | " " " Plate.....                                                                                         |
| 128339  | ----  | " " " Shank.....                                                                                         |
| 128347  | 9704  | Presser Foot (hinged) complete, for 7/32<br>in. gauge and above, Nos. 26276, 128339<br>and 128346.....   |
| 176J    | 9713  | Presser Foot Screw.....                                                                                  |
| 50132W  | 9714  | Pressure Regulating Thumb Screw.....                                                                     |
| 1543W   | 9707  | " " " " Lock Nut..                                                                                       |

| No.    | Plate | Name                                                               |
|--------|-------|--------------------------------------------------------------------|
| 128075 | 9721  | Tension (under thread) Bracket.....                                |
| 176J   | 9713  | " " " " Screw.....                                                 |
| 2102   | 9705  | " " " " Disc.....                                                  |
| 51570C | 9705  | " " " " Regulating Thumb Nut.....                                  |
| 128076 | 9705  | Tension (under thread) Releaser.....                               |
| 233J   | 9714  | " " " " Adjusting Screw.....                                       |
| 50076D | 9705  | Tension (under thread) Releaser Hinge Screw.....                   |
| 32572  | 9705  | Tension (under thread) Releasing Disc.....                         |
| 128077 | 9722  | " " " " Lever....                                                  |
| 63824  | 9705  | " " " " " " " " Spring.....                                        |
| 1144J  | 9712  | Tension (under thread) Releasing Lever Spring Screw.....           |
| 128078 | 9705  | Tension (under thread) Releasing Pin.....                          |
| 50326C | 9705  | " " " " " " " " Screw Stud.....                                    |
| 59539  | ----  | " " " " " " " " 50326C with 51570C.....                            |
| 59534  | 9705  | Tension (under thread) Spring.....                                 |
| 59537  | 9705  | " " " " " " " " Bushing (large).....                               |
| 59538  | 9705  | Tension (under thread) Spring Bushing (small).....                 |
| 57076  | 9705  | Tension (under thread) Thread Guide.....                           |
| 138270 | 9721  | " " (upper thread) Bracket.....                                    |
| 376J   | 9705  | " " " " " " " " Screw.....                                         |
| 2102   | 9705  | " " " " " " " " Disc.....                                          |
| 51570C | 9705  | " " " " " " " " Regulating Thumb Nut.....                          |
| 32572  | 9705  | Tension (upper thread) Releasing Disc.....                         |
| 54988  | 9705  | " " " " " " " " Pin.....                                           |
| 138271 | 9718  | " " " " " " " " Shaft....                                          |
| 128082 | 9704  | " " " " " " " " Crank with 452C.....                               |
| 54873  | 9718  | Tension (upper thread) Releasing Shaft Crank Link.....             |
| 110C   | 9712  | Tension (upper thread) Releasing Shaft Crank Link Hinge Screw..... |
| 452C   | 9712  | Tension (upper thread) Releasing Shaft Crank Set Screw.....        |
| 138317 | 9707  | Tension (upper thread) Releasing Shaft Spring.....                 |
| 316C   | 9714  | Tension (upper thread) Releasing Shaft Stop Screw.....             |
| 1547J  | 9707  | Tension (upper thread) Releasing Shaft Stop Screw Nut.....         |
| 50326C | 9705  | Tension (upper thread) Screw Stud.....                             |

| No.     | Plate | Name                                                                       |
|---------|-------|----------------------------------------------------------------------------|
| 59539   | ----  | Tension (upper thread) Screw Stud 50326C with 51570C.....                  |
| 59536   | 9707  | Tension (upper thread) Spring.....                                         |
| 59537   | 9705  | " " " " " " " " Bushing (large).....                                       |
| 59538   | 9705  | Tension (upper thread) Spring Bushing (small).....                         |
| 57076   | 9705  | Tension (upper thread) Thread Guide.....                                   |
| 128083  | 9723  | " " Releasing Arm with 51818.....                                          |
| 128084  | 9722  | " " " " " " " " Connecting Rod.....                                        |
| 1521J   | 9707  | " " " " " " " " Nut                                                        |
| 1131C   | 9713  | " " " " " " " " Hinge Screw.....                                           |
| 51818   | 9712  | " " " " " " " " Roller and Screw Stud.....                                 |
| *138272 | ----  | Thread (under) Protector (left).....                                       |
| 138273  | 9720  | " " " " " " " " 138272 with 138300.....                                    |
| *138274 | ----  | Thread (under) Protector (right).....                                      |
| 138275  | 9720  | " " " " " " " " 138274 with 138300.....                                    |
| 138300  | ----  | Thread (under) Protector Holder.....                                       |
| 335J    | 9712  | " " " " " " " " Screw.....                                                 |
| 128387  | 9720  | " " " " " " " " Separator (back).....                                      |
| 335J    | 9712  | " " " " " " " " Screw....                                                  |
| 128168  | ----  | " " " " " " " " (front) with 128094, 128095, 128167 and two 728D.....      |
| 128095  | 9715  | Thread (under) Separator (front) Thread Guide.....                         |
| 128167  | 9715  | Thread (under) Separator (front) Thread Retainer (left).....               |
| 128094  | 9715  | Thread (under) Separator (front) Thread Retainer (right).....              |
| 728D    | 9712  | Thread (under) Separator (front) Thread Retainer Screw.....                |
| 138276  | 9720  | Thread (under) Take-up with two 465C....                                   |
| 138280  | 9719  | " " " " " " " " Frame.....                                                 |
| 138281  | ----  | Thread (under) Take-up Frame complete, Nos. 128105, 138280 and 138282..... |
| *138282 | 9719  | Thread (under) Take-up Frame Cover with 50150C.....                        |
| 128105  | 9721  | Thread (under) Take-up Frame Cover Hinge Pin.....                          |
| 50150C  | 9712  | Thread (under) Take-up Frame Cover Hinge Pin Set Screw.....                |
| 1149D   | 9713  | Thread (under) Take-up Frame Screw.....                                    |
| 465C    | 9712  | " " " " " " " " Set Screw.....                                             |
| 138277  | 9721  | " " " " " " " " Stripper.....                                              |
| 138278  | 9711  | " " " " " " " " Bracket..                                                  |

| No.    | Plate | Name                                                                    |
|--------|-------|-------------------------------------------------------------------------|
| 1364C  | 9714  | Thread (under) Take-up Stripper Bracket Screw.....                      |
| 330J   | 9713  | Thread (under) Take-up Stripper Screw.....                              |
| 128081 | 9707  | " " " " " Wash-er.....                                                  |
| 138279 | 9721  | Thread (under) Take-up Thread Guard with 220J.....                      |
| 128100 | 9704  | Thread (under) Take-up Thread Guard Bracket.....                        |
| 1364C  | 9714  | Thread (under) Take-up Thread Guard Bracket Screw.....                  |
| 1137E  | 9715  | Thread (under) Take-up Thread Guard Hinge Screw.....                    |
| 128101 | 9711  | Thread (under) Take-up Thread Guard Spring                              |
| 335J   | 9712  | " " " " " " Screw.....                                                  |
| 220J   | 9712  | Thread (under) Take-up Thread Guard Stop Screw.....                     |
| 138283 | 9706  | Thread (upper) Controller.....                                          |
| 125564 | 9721  | " " " " Lever with 50138F                                               |
| 54879  | 9721  | " " " " Connection                                                      |
| 999F   | 9714  | " " " " " Hinge Screw (lower).....                                      |
| 999F   | 9714  | Thread (upper) Controller Lever Connection Hinge Screw (upper).....     |
| 1700E  | 9707  | Thread (upper) Controller Lever Connection Hinge Screw (upper) Nut..... |
| 125566 | 9706  | Thread (upper) Controller Lever Hinge Stud                              |
| 465C   | 9712  | " " " " " " Set Screw.....                                              |
| 125567 | 9721  | Thread (upper) Controller Lever Post with 465C.....                     |
| 443C   | 9714  | Thread (upper) Controller Lever Post Set Screw.....                     |
| 50138F | 9712  | Thread (upper) Controller Set Screw.....                                |
| 128107 | 9706  | " " " " Thread Guide....                                                |
| 128108 | 9721  | " " " " " Post                                                          |
| 175F   | 9713  | " " " " " " Set Screw.....                                              |
| 226J   | 9712  | Thread (upper) Controller Thread Guide Screw.....                       |
| 138284 | 9715  | Thread (upper) Take-up Bracket.....                                     |
| 138285 | 9715  | " " " " Eyelet with 2084...                                             |
| 2084   | 9715  | " " " " Steady Pin..                                                    |
| 138286 | 9706  | " " " " Stripper.....                                                   |
| 128114 | 9715  | " " " " Bracket...                                                      |
| 1492J  | 9713  | " " " " " Screw                                                         |
| 226J   | 9712  | " " " " " Screw.....                                                    |
| 138287 | 9706  | " " " " Thread Retainer....                                             |

| No.    | Plate | Name                                                                           |
|--------|-------|--------------------------------------------------------------------------------|
| 68164  | 9715  | Thread (upper) Take-up Thread Retainer Spring.....                             |
| 1145H  | 9714  | Thread (upper) Take-up Thread Retainer Spring Screw.....                       |
| 138288 | ----  | Thread (upper) Take-up complete, Nos.1145H 68164,138284,138285 and 138287..... |
| 330J   | 9713  | Thread (upper) Take-up Screw.....                                              |
| 138289 | 9709  | Throat Plate for 1/8 in. to 5/32 in.gauges for 128469, for 138290.....         |
| 138290 | ----  | Throat Plate 138289 with 138295 and two 228D.....                              |
| 138293 | 9709  | Throat Plate for 3/16 in. to 1/4 in.gauges for 128471, for 138294.....         |
| 138294 | ----  | Throat Plate 138293 with 138295 and two 228D.....                              |
| 138295 | 9709  | Throat Plate Body and Lap Seam Feller Holder.....                              |
| 1319F  | 9709  | Throat Plate Body and Lap Seam Feller Holder Screw.....                        |
| 228D   | 9709  | Throat Plate Screw.....                                                        |
| *15404 | ----  | Trade Mark.....                                                                |
| 15405  | ----  | " " Rivet.....                                                                 |

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## MACHINE BASE

| No.    | Plate | Name                                                                                                                                               |
|--------|-------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| 138296 | 9725  | Machine Base.....                                                                                                                                  |
| 138297 | ----  | Machine Base complete, Nos. 131019, 131020<br>132618, 138296, three wood screws 2 in.<br>No. 12 F.H. and four each 131F, 138298<br>and 138299..... |
| 131019 | 9722  | Machine Base Oil Pipe.....                                                                                                                         |
| 131020 | 9722  | " " " " Oil Valve.....                                                                                                                             |
| 138298 | 9722  | " " Cushion (large) felt.....                                                                                                                      |
| 138299 | 9716  | " " (small) felt.....                                                                                                                              |
| 132618 | 9716  | " " " felt.....                                                                                                                                    |
| 131F   | 9715  | " " " Screw for 138297..                                                                                                                           |

## ACCESSORIES

| No.    | Plate | Name                                      |
|--------|-------|-------------------------------------------|
| 1407J  | 5563  | Machine Thumb Screw, for 3 in. table..... |
| 1408J  | 5563  | " " " " 2 in. table.....                  |
| 14063  | 9722  | " " " Spring.....                         |
| 9842   | 9707  | " " " Washer.....                         |
| 120344 | 9724  | Oiler (copper plated) with 120345.....    |
| 120345 | 9724  | " Spout, 4 1/2 in. long.....              |
| 26026  | 9724  | Screw Driver (large).....                 |
| 26485  | 9724  | " " (small).....                          |
| 120341 | 9724  | Tweezers (curved).....                    |
| 4822   | 9724  | Wrench for 1521 and 1547.....             |
| 8908   | 9724  | " " 1664, 1722 and 1723.....              |

## BELT GUARD

| No.    | Plate | Name                                                                                                              |
|--------|-------|-------------------------------------------------------------------------------------------------------------------|
| 128171 | 9725  | Belt Guard (lower).....                                                                                           |
| 128172 | 9725  | " " (upper).....                                                                                                  |
| 63505  | 9711  | " " " Hinge Pin.....                                                                                              |
| 743382 | 9704  | " " " Lock Spring.....                                                                                            |
| 2273   | 9715  | " " " " " Position<br>Pin.....                                                                                    |
| 331D   | 9713  | Belt Guard (upper) Lock Spring Screw.....                                                                         |
| 128173 | ----  | Belt Guard complete, Nos. 331D, 2273, 63505,<br>128171, 128172, 743382 and three wood<br>screws 1 in. No. 10..... |

## LAP SEAM FELLER

## ON SLIDE

| No.    | Plate | Name                                           |
|--------|-------|------------------------------------------------|
| 121266 | 9709  | Lap Seam Feller on Slide.....                  |
| 121267 | ----  | " " " 121266 with 121268 and two<br>1443J..... |
| 1443J  | 9713  | Lap Seam Feller Screw.....                     |
| 19294  | 9706  | " " " Spring.....                              |
| 405J   | 9712  | " " " Screw.....                               |
| 26277  | 9720  | Holder.....                                    |
| 1443J  | 9713  | " Screw.....                                   |
| 121268 | 9709  | Slide with 10165.....                          |
| 10165  | 9715  | " Steady Pin.....                              |

## FOOT LIFTER PARTS

| No.                                                 | Plate | Name                                                                                                      |
|-----------------------------------------------------|-------|-----------------------------------------------------------------------------------------------------------|
| 6439                                                | ----  | Chain, 36 in. to 45 in., with 56864 and<br>56865.....                                                     |
| Note: When ordering No. 6439, give length required. |       |                                                                                                           |
| 4879                                                | 9716  | Chain Connecting Link.....                                                                                |
| 56864                                               | 9718  | " Hook (large).....                                                                                       |
| 56865                                               | 9716  | " (small).....                                                                                            |
| 126249                                              | 9725  | Treadle.....                                                                                              |
| 4882                                                | 9721  | " Shaft.....                                                                                              |
| 126250                                              | 9721  | " Spring.....                                                                                             |
| 150451                                              | 9725  | " Stand.....                                                                                              |
| 150452                                              | ----  | Treadle complete, Nos. 4879, 4882, 126249,<br>126250, 150451 and two wood screws 1 in.<br>No. 16 F.H..... |

## THREAD UNWINDER

## FOR FOUR SPOOLS

| No.     | Plate | Name                                       |
|---------|-------|--------------------------------------------|
| 225257  | 9505  | Spool Rest (for two spools) with 201018C.. |
| 150203  | 9505  | " " Cushion.....                           |
| 225388  | 9505  | " " Rod.....                               |
| 200383C | 9712  | " " Set Screw.....                         |
| 201018C | 9712  | " " Set Screw.....                         |
| 202490  | 9505  | " Stand with 200383C.....                  |



## THREAD UNWINDER

| No.     | Plate | Name                                                                                                                                                                                           |
|---------|-------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 225391  | 9505  | Thread Guide.....                                                                                                                                                                              |
| 201696J | 9707  | " " Lock Nut.....                                                                                                                                                                              |
| 225326  | 9707  | " " Position Cup.....                                                                                                                                                                          |
| 225324  | 9505  | " " Rod with 208E and 225322.....                                                                                                                                                              |
| 208E    | 9712  | " " " Screw.....                                                                                                                                                                               |
| 225322  | 9707  | " " " Washer.....                                                                                                                                                                              |
| *150057 | ----  | " Separator.....                                                                                                                                                                               |
| 150058  | 9505  | " " 150057 with 150059.....                                                                                                                                                                    |
| *150059 | ----  | " " Bracket.....                                                                                                                                                                               |
| 150060  | 9505  | " " " Arm with 164J and<br>9525.....                                                                                                                                                           |
| 164J    | 9712  | Thread Separator Bracket Arm Clamping<br>Screw.....                                                                                                                                            |
| 9525    | 9707  | Thread Separator Bracket Arm Clamping<br>Screw Washer.....                                                                                                                                     |
| 164J    | 9712  | Thread Separator Bracket Arm Screw.....                                                                                                                                                        |
| 9525    | 9707  | " " " " " Washer.                                                                                                                                                                              |
| 150061  | ----  | Thread Separator complete, Nos. 164J, 9525<br>150058 and 150060.....                                                                                                                           |
| 150062  | 9505  | Thread Unwinder complete, for four spools,<br>Nos. 150061, 201696J, 202490, 225324,<br>225326, 225388, two 225257, three wood<br>screws 7/8 in. No. 12 and four each<br>150203 and 225391..... |
| 27739   | 9724  | Thread Cone (wood) for large cones.....                                                                                                                                                        |
| 225390  | 9724  | " " Holder, for inverted cones....                                                                                                                                                             |

Note: Nos. 27739 and 225390 are used with, but not  
included in 150062.

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## NUMERICAL LIST OF PARTS

**NUMERICAL LIST OF PARTS**  
**FOR**  
**MACHINE No. 148-12**

| No.  | Plate | Name                                                                        |
|------|-------|-----------------------------------------------------------------------------|
| 108F | 9712  | Presser Bar Lifter Connecting Link Hinge Screw (upper).....                 |
| 110C | 9712  | Tension (upper thread) Releasing Shaft Crank Link Hinge Screw.....          |
| 131F | 9715  | Machine Cushion (small) Screw for 138297..                                  |
| 134D | 9713  | Cylinder Screw.....                                                         |
| 150D | 9712  | Hand Wheel and Pulley Shaft Screw.....                                      |
| 152E | 9714  | Cylinder Rock Shaft Connection Cap (large) Screw for 128460.....            |
| 158J | 9713  | Cylinder End Cover Extension Screw for 128452.....                          |
| 161C | 9713  | Presser Bar Lifting Lever Extension Screw.                                  |
| 164J | 9712  | Thread Unwinder Thread Separator Bracket Arm Clamping Screw for 150060..... |
| 164J | 9712  | Thread Unwinder Thread Separator Bracket Arm Screw for 150061.....          |
| 171E | 9713  | Crank Connecting Rod Cap (upper) Screw for 128432.....                      |
| 171E | 9713  | Cylinder Rock Shaft Connecting Rod Cap (lower) Screw for 128025.....        |
| 171E | 9713  | Cylinder Rock Shaft Connecting Rod Cap (upper) Screw for 125601.....        |
| 175E | 9713  | Cylinder Rock Shaft Connection Cap (small) Screw for 128460.....            |
| 175F | 9713  | Thread (upper) Controller Thread Guide Post Set Screw.....                  |
| 176J | 9713  | Presser Foot Screw.....                                                     |
| 176J | 9713  | Tension (under thread) Bracket Screw.....                                   |
| 184D | 9714  | Presser Bar Lifting Lever Stop Screw.....                                   |
| 185J | 9713  | Needle Guard Holder Screw.....                                              |
| 193E | 9714  | Cylinder Rock Shaft Eccentric Set Screw for 128466.....                     |
| 193E | 9714  | Feed Eccentric Set Screw for 128475.....                                    |
| 207E | 9713  | Needle Bar Connecting Stud Clamping Screw for 54713.....                    |
| 208E | 9712  | Thread Unwinder Thread Guide Rod Screw for 225324.....                      |
| 217J | 9713  | Crank Connecting Rod Position Plate Screw for 128445.....                   |
| 217D | 9713  | Cylinder Rock Shaft Connecting Rod Position Plate Screw for 128026.....     |
| 220J | 9712  | Cylinder Rock Shaft Bushing (front) Screw.                                  |
| 220J | 9712  | Thread (under) Take-up Thread Guard Stop Screw for 138279.....              |
| 226J | 9712  | Thread (upper) Controller Thread Guide Screw.....                           |



| No.  | Plate | Name                                                                      |
|------|-------|---------------------------------------------------------------------------|
| 226J | 9712  | Thread (upper) Take-up Stripper Screw.....                                |
| 228D | 9709  | Throat Plate Screw for 138290 and 138294..                                |
| 233J | 9714  | Cylinder Top Cover (front) Spring Screw<br>for 128033.....                |
| 233J | 9714  | Needle Guard (back) Screw.....                                            |
| 233J | 9714  | " " (front) Screw.....                                                    |
| 233J | 9714  | Tension (under thread) Releaser Adjusting<br>Screw.....                   |
| 316C | 9714  | Tension (upper thread) Releasing Shaft<br>Stop Screw.....                 |
| 330J | 9713  | Oil Reservoir Cover Screw for 128492.....                                 |
| 330J | 9713  | Thread (under) Take-up Stripper Screw.....                                |
| 330J | 9713  | " (upper) Take-up Screw.....                                              |
| 331D | 9713  | Belt Guard (upper) Lock Spring Screw for<br>128173.....                   |
| 335J | 9712  | Thread (under) Protector Screw.....                                       |
| 335J | 9712  | " " Separator (back) Screw.....                                           |
| 335J | 9712  | " " Take-up Thread Guard Spring<br>Screw.....                             |
| 337J | 9712  | Cylinder End Cover Lock Stud Spring Screw<br>for 128455.....              |
| 376J | 9705  | Tension (upper thread) Bracket Screw.....                                 |
| 391J | 9713  | Cylinder Top Cover (front) Screw for<br>128449.....                       |
| 399J | 9712  | Looper Screw.....                                                         |
| 405J | 9712  | Lap Seam Feller Spring Screw.....                                         |
| 437C | 9714  | Arm Rock Shaft Bushing (back) Set Screw...                                |
| 440C | 9714  | Presser Bar (upper) Guide Bracket Set<br>Screw for 128066.....            |
| 443C | 9714  | Thread (upper) Controller Lever Post Set<br>Screw.....                    |
| 445C | 9712  | Hand Wheel and Pulley Shaft Flanged Bush-<br>ing (left) Set Screw.....    |
| 448C | 9714  | Hand Wheel and Pulley Set Screw for 138309                                |
| 448C | 9714  | Presser Bar Connecting Bracket Set Screw<br>(long) for 128067.....        |
| 452C | 9712  | Feed Lifting Lever Hinge Pin Set Screw for<br>128449.....                 |
| 452C | 9712  | Tension (upper thread) Releasing Shaft<br>Crank Set Screw for 128082..... |
| 453C | 9712  | Presser Bar Connecting Bracket Set Screw<br>(short) for 128067.....       |
| 456C | 9712  | Arm Rock Shaft Collar Set Screw for 54921.                                |
| 460C | 9712  | Cylinder Top Cover Hinge Pin Set Screw for<br>128449.....                 |
| 462C | 9712  | Feed Lifting Eccentric Set Screw for<br>128477.....                       |
| 465C | 9712  | Thread (under) Take-up Set Screw for<br>138276.....                       |

| No.   | Plate | Name                                                                      |
|-------|-------|---------------------------------------------------------------------------|
| 465C  | 9712  | Thread (upper) Controller Lever Hinge Stud<br>Set Screw for 125587.....   |
| 563C  | 9714  | Needle Bar Bushing (lower) Set Screw.....                                 |
| 563C  | 9714  | " " (upper) Set Screw.....                                                |
| 563C  | 9714  | Presser Bar (lower) Bushing Set Screw.....                                |
| 621J  | 9712  | Face Plate Thread Guide Screw for 128468..                                |
| 624C  | 9712  | Cylinder End Cover Lock Stud Set Screw for<br>128449.....                 |
| 726D  | 9712  | Thread (under) Separator (front) Thread<br>Retainer Screw for 128166..... |
| 866D  | 9713  | Presser Bar Lifting Lever Hinge Screw.....                                |
| 888C  | 9714  | Arm Rock Shaft Bushing (front) Set Screw..                                |
| 888C  | 9714  | Hand Wheel and Pulley Shaft Bushing<br>(right) Set Screw.....             |
| 896E  | 9713  | Crank Connecting Rod Cap (lower) Screw for<br>128448.....                 |
| 896E  | 9713  | Feed Connecting Rod Cap Screw for 128472..                                |
| 896E  | 9713  | " Lifting Lever Connecting Rod Cap<br>Screw for 128479.....               |
| 911E  | 9714  | Arm Back Cover Latch Screw Stud for 54915.                                |
| 999F  | 9714  | Thread (upper) Controller Lever Connection<br>Hinge Screw (lower).....    |
| 999F  | 9714  | Thread (upper) Controller Lever Connection<br>Hinge Screw (upper).....    |
| 1125C | 9712  | Cylinder Rock Shaft Bushing (back) Set<br>Screw.....                      |
| 1131C | 9713  | Tension Releasing Arm Hinge Screw.....                                    |
| 1137E | 9715  | Thread (under) Take-up Thread Guard Hinge<br>Screw.....                   |
| 1144J | 9712  | Tension (under thread) Releasing Lever<br>Spring Screw.....               |
| 1145H | 9714  | Thread (upper) Take-up Thread Retainer<br>Spring Screw for 138288.....    |
| 1149D | 9713  | Thread (under) Take-up Frame Screw.....                                   |
| 1231J | 9712  | Cylinder End Cover Slide (front) Screw for<br>128451.....                 |
| 1253C | 9713  | Cylinder Rock Shaft Crank Set Screw for<br>128017.....                    |
| 1302J | 9714  | Cylinder Thread Guard Screw.....                                          |
| 1319F | 9709  | Throat Plate Body and Lap Seam Feller<br>Holder Screw.....                |
| 1364C | 9714  | Thread (under) Take-up Stripper Bracket<br>Screw.....                     |
| 1364C | 9714  | Thread (under) Take-up Thread Guard Brack-<br>et Screw.....               |
| 1402J | 9714  | Cylinder Thread Eyelet Screw.....                                         |
| 1407J | 5563  | Machine Thumb Screw for 3 in. table (Ac-<br>cessories).....               |

| No.   | Plate | Name                                                                    |
|-------|-------|-------------------------------------------------------------------------|
| 1408J | 5563  | Machine Thumb Screw for 2 in. table (Accessories).....                  |
| 1443J | 9713  | Arm Back Cover Spring Screw for 54914.....                              |
| 1443J | 9713  | Lap Seam Feller Holder Screw.....                                       |
| 1443J | 9713  | " " " Screw for 121267.....                                             |
| 1454C | 9713  | Looper (back) Carrier Clamping Screw for 128059.....                    |
| 1454C | 9713  | Looper (front) Carrier Clamping Screw for 128061.....                   |
| 1492J | 9713  | Thread (upper) Take-up Stripper Bracket Screw.....                      |
| 1498F | 9712  | Needle Set Screw for 128489.....                                        |
| 1520J | 9707  | Needle Bar Connecting Link Hinge Stud Nut.                              |
| 1521J | 9707  | Tension Releasing Arm Connecting Rod Nut..                              |
| 1538D | 9707  | Arm Back Cover Latch Screw Stud Thumb Nut for 54914.....                |
| 1543W | 9707  | Pressure Regulating Thumb Screw Lock Nut..                              |
| 1547J | 9707  | Tension (upper thread) Releasing Shaft Stop Screw Nut.....              |
| 1597E | 9707  | Crank Connecting Rod Ball Screw Stud Nut..                              |
| 1597E | 9707  | Cylinder Rock Shaft Connecting Rod Ball Screw Stud (upper) Nut.....     |
| 1664E | 9707  | Cylinder Rock Shaft Connecting Rod Ball Screw Stud (lower) Nut.....     |
| 1700E | 9707  | Thread (upper) Controller Lever Connection Hinge Screw (upper) Nut..... |
| 1722E | 9707  | Crank Connecting Rod Nut (lower) for 128445.....                        |
| 1722E | 9707  | Cylinder Rock Shaft Connecting Rod Nut (lower) for 128021.....          |
| 1722E | 9707  | Feed Lifting Lever Connecting Rod Hinge Screw Nut.....                  |
| 1723E | 9707  | Crank Connecting Rod Nut (upper) for 128445.....                        |
| 1723E | 9707  | Cylinder Rock Shaft Connecting Rod Nut (upper) for 128021.....          |
| 1735J | 9707  | Feed Adjusting Screw Nut.....                                           |
| 1735J | 9707  | " Rod Connecting Link Hinge Screw Nut..                                 |
| 2049  | 9706  | Presser Bar Lifter Stop Pin (upper).....                                |
| 2084  | 9715  | Thread (upper) Take-up Eyelet Steady Pin for 138285.....                |
| 2102  | 9705  | Tension (under thread) Disc.....                                        |
| 2102  | 9705  | " (upper thread) Disc.....                                              |
| 2269  | 9706  | Presser Bar Lifter Stop Pin (lower).....                                |
| 2273  | 9715  | Belt Guard (upper) Lock Spring Position Pin for 128173.....             |
| 4822  | 9724  | Wrench for 1521 and 1547 (Accessories)....                              |
| 4879  | 9716  | Chain Connecting Link for 150452.....                                   |
| 4882  | 9721  | Treadle Shaft for 150452.....                                           |

| No.    | Plate | Name                                                                             |
|--------|-------|----------------------------------------------------------------------------------|
| 6439   | ----  | Chain 36 in. to 45 in. with 56864 and 56865.....                                 |
| 7071   | 9707  | Cylinder Rock Shaft Eccentric Set Screw Washer for 128466.....                   |
| 7071   | 9707  | Feed Eccentric Set Screw Washer for 128475                                       |
| 8908   | 9724  | Wrench for 1664,1722 and 1723(Accessories)                                       |
| 9525   | 9707  | Thread Unwinder Thread Separator Bracket Arm Clamping Screw Washer for 150060... |
| 9525   | 9707  | Thread Unwinder Thread Separator Bracket Arm Screw Washer for 150061.....        |
| 9842   | 9707  | Machine Thumb Screw Spring Washer (Accessories).....                             |
| 10165  | 9715  | Lap Seam Feller Slide Steady Pin for 121268.....                                 |
| 14063  | 9722  | Machine Thumb Screw Spring (Accessories)..                                       |
| *15404 | ----  | Trade Mark for 128439.....                                                       |
| 15405  | ----  | " " Rivet for 128439.....                                                        |
| 19294  | 9706  | Lap Seam Feller Spring.....                                                      |
| 22434  | 9707  | Oil Reservoir Screw Washer (leather).....                                        |
| 26026  | 9724  | Screw Driver (large) Accessories.....                                            |
| 26276  | 9704  | Presser Foot Hinge Pin for 128330 and 128347.....                                |
| 26277  | 9720  | Lap Seam Feller Holder.....                                                      |
| 26485  | 9724  | Screw Driver (small) Accessories.....                                            |
| 27739  | 9724  | Thread Unwinder Thread Cone (wood) for large cones for 150062.....               |
| 32572  | 9705  | Tension (under thread) Releasing Disc....                                        |
| 32572  | 9705  | " (upper thread) Releasing Disc....                                              |
| 42367  | 9708  | Arm Oil Tube Packing (braided cotton) for 52185.....                             |
| 46111  | 9705  | Face Plate Pin.....                                                              |
| 50076D | 9705  | Tension (under thread) Releaser Hinge Screw.....                                 |
| 50083C | 9713  | Arm Rock Shaft Crank (back) Set Screw for 128006 and 128443.....                 |
| 50116E | 9714  | Presser Bar Lifter Connecting Link Hinge Screw (lower).....                      |
| 50128C | 9709  | Feed Dog Screw.....                                                              |
| 50132W | 9714  | Pressure Regulating Thumb Screw.....                                             |
| 50135C | 9713  | Arm Rock Shaft Crank (front) Set Screw for 128444.....                           |
| 50138F | 9712  | Thread (upper) Controller Set Screw for 125564.....                              |
| 50150C | 9712  | Feed Rod Hinge Bracket Hinge Pin Set Screw for 128449.....                       |
| 50150C | 9712  | Feed Rod Hinge Pin Set Screw for 128053...                                       |
| 50150C | 9712  | Thread (under) Take-up Frame Cover Hinge Pin Set Screw for 138282.....           |
| 50195D | 9713  | Oil Reservoir Screw.....                                                         |

## NUMERICAL LIST OF PARTS

| No.    | Plate | Name                                                                                          |
|--------|-------|-----------------------------------------------------------------------------------------------|
| 50223D | 9713  | Arm Back Cover Latch Hinge Screw for 54914                                                    |
| 50224C | 9714  | Arm Rock Shaft Bushing (intermediate) Set Screw.....                                          |
| 50326C | 9705  | Tension (under thread) Screw Stud for 59539.....                                              |
| 50326C | 9705  | Tension (upper thread) Screw Stud for 59539.....                                              |
| 50415C | 9713  | Presser Bar Lifter Hinge Screw.....                                                           |
| 50730C | 9714  | Cylinder Rock Shaft Connecting Rod Ball Screw Stud (lower) for 128025.....                    |
| 50731C | 9714  | Cylinder Rock Shaft Connecting Rod Ball Screw Stud (upper) for 128026.....                    |
| 50732C | 9713  | Feed Adjusting Screw (eccentric).....                                                         |
| 50733C | 9713  | " Rod Connecting Link Hinge Screw.....                                                        |
| 50997C | 9713  | " Lifting Lever Connecting Rod Hinge Screw (eccentric).....                                   |
| 50999F | 9713  | Cylinder End Cover Slide (back) Stop Screw                                                    |
| 51043C | 9714  | Crank Connecting Rod Ball Screw Stud for 128432.....                                          |
| 51145C | 9714  | Cylinder Rock Shaft Eccentric Regulating Screw for 128466.....                                |
| 51145C | 9714  | Feed Eccentric Regulating Screw for 128475                                                    |
| 51224D | 9714  | Arm Side Cover Thumb Screw.....                                                               |
| 51224D | 9714  | Face Plate Thumb Screw.....                                                                   |
| 51426C | 9713  | Cylinder Rock Shaft Eccentric Body Set Screw for 128466.....                                  |
| 51426C | 9713  | Feed Eccentric Body Set Screw for 128475..                                                    |
| 51570C | 9705  | Tension (under thread) Regulating Thumb Nut for 59539.....                                    |
| 51570C | 9705  | Tension (upper thread) Regulating Thumb Nut for 59539.....                                    |
| 51630  | 9708  | Oil Reservoir Oil Tube Lock Nut for 128500 138253,138256,138259,138262,138264 and 138267..... |
| 51818  | 9712  | Tension Releasing Arm Roller and Screw Stud for 128083.....                                   |
| 52185  | 9708  | Arm Oil Tube with 42367 for oiling 54711..                                                    |
| 54620  | 9711  | Cylinder Dowel Pin.....                                                                       |
| *54625 | ----  | " End Cover Slide (back) for 128128                                                           |
| 54627  | 9711  | " " " (front) Hinge Pin for 128128.....                                                       |
| 54664  | 9706  | Cylinder Top Cover Hinge Pin for 128449..                                                     |
| 54708  | 9718  | Needle Bar (hollow) for 128488.....                                                           |
| 54710  | 9711  | " " Bushing (lower).....                                                                      |
| 54710  | 9711  | " " " (upper).....                                                                            |
| *54711 | 9711  | " " Connecting Link for 55003.....                                                            |
| 54712  | 9711  | " " " Hinge Stud for 55003.....                                                               |

## NUMERICAL LIST OF PARTS

| No.    | Plate | Name                                                                            |
|--------|-------|---------------------------------------------------------------------------------|
| 54713  | 9711  | Needle Bar Connecting Stud with 207E, for 55003.....                            |
| 54722  | 9706  | Presser Bar Spring Stud.....                                                    |
| 54873  | 9718  | Tension (upper thread) Releasing Shaft Crank Link.....                          |
| 54879  | 9721  | Thread (upper) Controller Lever Connection                                      |
| 54913  | 9725  | Arm Back Cover for 54914.....                                                   |
| 54914  | ----  | Arm Back Cover complete, Nos. 1538D,50223D 54913,54915,54916 and two 1443J..... |
| 54915  | 9721  | Arm Back Cover Latch with 911E for 54914..                                      |
| 54916  | 9721  | Arm Back Cover Spring for 54914.....                                            |
| 54919  | 9720  | Arm Rock Shaft Bushing (intermediate)....                                       |
| 54921  | 9704  | " " " Collar with two 456C.....                                                 |
| *54925 | ----  | Crank Connecting Rod (rod only) for 128445                                      |
| 54977  | 9711  | Needle Guard Holder.....                                                        |
| 54988  | 9705  | Tension (upper thread) Releasing Pin.....                                       |
| 55003  | ----  | Needle Bar Connecting Link 54711 with 54712 and 54713.....                      |
| *55032 | ----  | Cylinder Rock Shaft Connecting Rod End Bearing (upper) for 125801.....          |
| 55034  | 9711  | Crank Connecting Rod Position Plate for 128445.....                             |
| 55034  | 9711  | Cylinder Rock Shaft Connecting Rod Position Plate for 128026.....               |
| 55084  | 9723  | Presser Bar (lower).....                                                        |
| *55165 | ----  | Cylinder End Cover Slide (front) for 128128.....                                |
| 55184  | 9711  | Face Plate Thread Guide for 128468.....                                         |
| 56016  | 9717  | Arm Side Cover.....                                                             |
| 56864  | 9716  | Chain Hook (large) for 6439.....                                                |
| 56865  | 9716  | " " (small) for 6439.....                                                       |
| 57076  | 9705  | Tension (under thread) Thread Guide.....                                        |
| 57076  | 9705  | " (upper thread) Thread Guide.....                                              |
| 59534  | 9705  | " (under thread) Spring.....                                                    |
| 59536  | 9707  | " (upper thread) Spring.....                                                    |
| 59537  | 9705  | " (under thread) Spring Bushing (large).....                                    |
| 59537  | 9705  | Tension (upper thread) Spring Bushing (large).....                              |
| 59538  | 9705  | Tension (under thread) Spring Bushing (small).....                              |
| 59538  | 9705  | Tension (upper thread) Spring Bushing (small).....                              |
| 59539  | ----  | Tension (under thread) Screw Stud 50326C with 51570C.....                       |
| 59539  | ----  | Tension (upper thread) Screw Stud 50326C with 51570C.....                       |
| 63505  | 9711  | Belt Guard (upper) Hinge Pin for 128173..                                       |
| 63824  | 9705  | Tension (under thread) Releasing Lever Spring.....                              |

| No.     | Plate | Name                                                                                                                                       |
|---------|-------|--------------------------------------------------------------------------------------------------------------------------------------------|
| 67425   | 9707  | Crank Connecting Rod Ball Screw Stud Nut<br>Lock Washer.....                                                                               |
| 66164   | 9715  | Thread (upper) Take-up Thread Retainer<br>Spring for 138288.....                                                                           |
| 68350   | 9708  | Arm Oil Cup (small) for oiling Arm Rock<br>Shaft front, intermediate and back<br>bearings and Hand Wheel and Pulley<br>Shaft bearings..... |
| 68350   | 9708  | Oil Reservoir Oil Pipe Cup for 128496.....                                                                                                 |
| 120341  | 9724  | Tweezers (curved) Accessories.....                                                                                                         |
| 120344  | 9724  | Oiler (copper plated) with 120345 (Accessories).....                                                                                       |
| 120345  | 9724  | Oiler Spout 4 1/2 in. long for 120344.....                                                                                                 |
| 121266  | 9709  | Lap Seam Feller on Slide for 121267.....                                                                                                   |
| 121267  | ----  | " " " 121266 with 121268 and two<br>1443J.....                                                                                             |
| 121268  | 9709  | Lap Seam Feller Slide with 10165, for<br>121267.....                                                                                       |
| 125564  | 9721  | Thread (upper) Controller Lever with<br>50136F.....                                                                                        |
| 125566  | 9706  | Thread (upper) Controller Lever Hinge Stud                                                                                                 |
| 125567  | 9721  | " " " " Post with<br>465C.....                                                                                                             |
| 125601  | ----  | Cylinder Rock Shaft Connecting Rod End<br>Bearing (upper) 55032 with two 171E, for<br>128026.....                                          |
| 126249  | 9725  | Treadle for 150452.....                                                                                                                    |
| 126250  | 9721  | " Spring for 150452.....                                                                                                                   |
| 128003  | 9720  | Arm Rock Shaft Bushing (back).....                                                                                                         |
| 128006  | 9720  | " " " Crank (back) with two<br>50083C for 128021.....                                                                                      |
| 128015  | 9711  | Cylinder Rock Shaft Bushing (back).....                                                                                                    |
| 128017  | 9720  | " " " Crank with two 1253C..                                                                                                               |
| 128021  | 9718  | Cylinder Rock Shaft Connecting Rod complete, Nos. 1722E, 1723E, 128022, 128025<br>and 128026.....                                          |
| 128022  | ----  | Cylinder Rock Shaft Connecting Rod (rod<br>only) for 128021.....                                                                           |
| *128024 | ----  | Cylinder Rock Shaft Connecting Rod End<br>Bearing (lower) for 128025.....                                                                  |
| 128025  | ----  | Cylinder Rock Shaft Connecting Rod Head<br>(lower) Nos. 50730C, 128024 and two 171E<br>for 128021.....                                     |
| 128026  | ----  | Cylinder Rock Shaft Connecting Rod Head<br>(upper) Nos. 217D, 50731C, 55034 and<br>125601, for 128021.....                                 |
| 128028  | 9706  | Cylinder Thread Eyelet for 128139.....                                                                                                     |
| 128030  | 9720  | " " Guard.....                                                                                                                             |
| 128031  | 9722  | " " Tube.....                                                                                                                              |

| No.    | Plate | Name                                                                        |
|--------|-------|-----------------------------------------------------------------------------|
| 128032 | 9719  | Cylinder Top Cover (back) for 128449.....                                   |
| 128033 | 9719  | " " " (front) with 233J and<br>128034, for 128449.....                      |
| 128034 | 9719  | Cylinder Top Cover (front) Spring for<br>128033.....                        |
| 128043 | 9725  | Feed Lifting Lever.....                                                     |
| 128044 | 9706  | " " " Hinge Pin.....                                                        |
| 128050 | 9723  | " Rod.....                                                                  |
| 128051 | 9711  | " " Connecting Link (left).....                                             |
| 128052 | 9711  | " " " " (right).....                                                        |
| 128053 | 9720  | " " Hinge Bracket with 50150C.....                                          |
| 128054 | 9718  | " " " " Hinge Pin.....                                                      |
| 128055 | 9706  | " " " Pin.....                                                              |
| 128059 | 9711  | Looper (back) Carrier with 1454C.....                                       |
| 128061 | 9711  | " (front) Carrier with 1454C.....                                           |
| 128063 | 9711  | Needle Guard (front) for 1/4 in. gauge and<br>below.....                    |
| 128064 | 9720  | Presser Bar (lower) Bushing.....                                            |
| 128065 | 9722  | " " (upper).....                                                            |
| 128066 | 9706  | " " Guide Bracket with 440C                                                 |
| 128067 | 9720  | " " Connecting Bracket with 448C<br>and 453C.....                           |
| 128068 | 9723  | Presser Bar Lifter.....                                                     |
| 128069 | 9723  | " " " Connecting Link.....                                                  |
| 128070 | 9722  | " " " Lifting Lever.....                                                    |
| 128071 | 9723  | " " " " Extension.....                                                      |
| 128072 | 9723  | " " " Spring (flat).....                                                    |
| 128075 | 9721  | Tension (under thread) Bracket.....                                         |
| 128076 | 9705  | " " " Releaser.....                                                         |
| 128077 | 9722  | " " " Releasing Lever....                                                   |
| 128078 | 9705  | " " " " Pin.....                                                            |
| 128081 | 9707  | Thread (under) Take-up Stripper Screw<br>Washer.....                        |
| 128082 | 9704  | Tension (upper thread) Releasing Shaft<br>Crank with 452C.....              |
| 128083 | 9723  | Tension Releasing Arm with 51813.....                                       |
| 128084 | 9722  | " " " Connecting Rod.....                                                   |
| 128094 | 9715  | Thread (under) Separator (front) Thread<br>Retainer (right) for 128166..... |
| 128095 | 9715  | Thread (under) Separator (front) Thread<br>Guide for 128166.....            |
| 128100 | 9704  | Thread (under) Take-up Thread Guard Bracket.....                            |
| 128101 | 9711  | Thread (under) Take-up Thread Guard Spring                                  |
| 128105 | 9721  | " " " " Frame Cover Hinge<br>Pin for 138281.....                            |
| 128107 | 9706  | Thread (upper) Controller Thread Guide....                                  |
| 128108 | 9721  | " " " " " Post                                                              |
| 128114 | 9715  | " " " Take-up Stripper Bracket...                                           |

| No.     | Plate | Name                                                                                                                          |
|---------|-------|-------------------------------------------------------------------------------------------------------------------------------|
| 128128  | 9717  | Cylinder End Cover Slide (back) 54625 with 54627 and 55165, for 128451.....                                                   |
| 128139  | ----  | Cylinder Thread Eyelet 128028 with 128166.                                                                                    |
| 128166  | ----  | Thread (under) Separator (front) with 128094, 128095, 128167 and two 726D, for 128139.....                                    |
| 128167  | 9715  | Thread (under) Separator (front) Thread Retainer (left) for 128166.....                                                       |
| 128171  | 9725  | Belt Guard (lower) for 128173.....                                                                                            |
| 128172  | 9725  | " " (upper) for 128173.....                                                                                                   |
| 128173  | ----  | Belt Guard complete, Nos. 331D, 2273, 63505, 128171, 128172, 743382 and three wood screws 1 in. No. 10.....                   |
| 128329  | ----  | Presser Foot Plate for 128330.....                                                                                            |
| 128330  | 9704  | Presser Foot (hinged) complete, for 1/8 in. to 3/16 in. gauges, Nos. 26276, 128329 and 128339.....                            |
| 128339  | ----  | Presser Foot Shank for 128330 and 128347..                                                                                    |
| 128346  | ----  | " " Plate for 128347.....                                                                                                     |
| 128347  | 9704  | Presser Foot (hinged) complete, for 7/32 in. gauge and above, Nos. 26276, 128339 and 128346.....                              |
| 128387  | 9720  | Thread (under) Separator (back).....                                                                                          |
| 128419  | 9708  | Arm Rock Shaft Bushing (front) Oil Pad (braided cotton).....                                                                  |
| *128430 | ----  | Crank Connecting Rod End Bearing (upper) for 128432.....                                                                      |
| *128432 | ----  | Crank Connecting Rod Head (upper) Nos. 51043C, 128430 and two 171E, for 128445.                                               |
| *128439 | ----  | Arm with 15404 and two 15405.....                                                                                             |
| 128440  | 9708  | " Oil Cup (large) for oiling Crank Connecting Rod (upper) Bearing and Cylinder Rock Shaft Connecting Rod (upper) Bearing..... |
| 128441  | 9723  | Arm Rock Shaft.....                                                                                                           |
| 128442  | 9720  | " " " Bushing (front).....                                                                                                    |
| 128443  | 9720  | " " " Crank (back) with two 50083C, for 128445.....                                                                           |
| 128444  | 9720  | Arm Rock Shaft Crank (front) with two 50135C.....                                                                             |
| 128445  | 9718  | Crank Connecting Rod complete, Nos. 217J, 1722E, 1723E, 54925, 55034, 128432, and 128448.....                                 |
| *128447 | ----  | Crank Connecting Rod End Bearing (lower) for 128448.....                                                                      |
| *128448 | ----  | Crank Connecting Rod Head (lower) Nos. 128447 and two 896E, for 128445 and.... 128483.....                                    |

| No.     | Plate | Name                                                                                                                         |
|---------|-------|------------------------------------------------------------------------------------------------------------------------------|
| *128449 | ----  | Cylinder with 452C, 460C, 624C, 50150C, 54664, 128032, 128033 and two 391J.....                                              |
| 128450  | 9717  | Cylinder End Cover with 128456, for 128451                                                                                   |
| 128451  | ----  | Cylinder End Cover complete, Nos. 128128, 128450, 128455 and three 1231J, for 128452.....                                    |
| 128452  | ----  | Cylinder End Cover 128451 with 128453 and two 158J.....                                                                      |
| 128453  | 9717  | Cylinder End Cover Extension for 128452...                                                                                   |
| 128454  | 9717  | " " " Lock Stud for 128455...                                                                                                |
| 128455  | ----  | " " " " 128454 with 337J and 128457, for 128451.....                                                                         |
| *128456 | ----  | Cylinder End Cover Lock Stud Housing for 128450.....                                                                         |
| 128457  | 9706  | Cylinder End Cover Lock Stud Spring for 128455.....                                                                          |
| 128458  | 9718  | Cylinder Rock Shaft for 128461.....                                                                                          |
| 128459  | 9720  | " " " Bushing (front).....                                                                                                   |
| 128460  | 9721  | " " " Connection with 138308 and two each 152E and 175E, for 128461.                                                         |
| 128461  | ----  | Cylinder Rock Shaft Connection 128460 with 128458 and 128466, for 128484.....                                                |
| *128464 | ----  | Cylinder Rock Shaft Eccentric for 128466..                                                                                   |
| *128465 | ----  | " " " " Body for 128466.....                                                                                                 |
| 128466  | 9720  | Cylinder Rock Shaft Eccentric (adjustable) complete, Nos. 193E, 7071, 51145C, 128464, 128465 and two 51426C, for 128461..... |
| 128467  | 9717  | Face Plate for 128468.....                                                                                                   |
| 128468  | ----  | Face Plate complete, Nos. 621J, 55184 and 128467.....                                                                        |
| 128469  | 9709  | Feed Dog, 16 teeth (16 teeth to the inch) for 138289.....                                                                    |
| 128471  | 9709  | Feed Dog, 16 teeth (16 teeth to the inch) for 138293.....                                                                    |
| 128472  | 9721  | Feed Connecting Rod with two 896E, for 138302.....                                                                           |
| *128474 | ----  | Feed Eccentric for 128475.....                                                                                               |
| 128475  | 9720  | Feed Eccentric (adjustable) complete, Nos. 193E, 7071, 51145C, 128474, 128476, 138306 and two 51426C, for 138302.....        |
| *128476 | ----  | Feed Eccentric Body for 128475.....                                                                                          |
| 128477  | 9704  | " Lifting Eccentric with 138308 and two 462C, for 128478.....                                                                |
| 128478  | ----  | Feed Lifting Eccentric 128477 with 128479, for 128484.....                                                                   |
| 128479  | 9721  | Feed Lifting Lever Connecting Rod with two 896E, for 128478.....                                                             |



| No.     | Plate | Name                                                                                                                                                  |
|---------|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| 128482  | 9719  | Hand Wheel and Pulley Shaft with 138308, for 128483.....                                                                                              |
| 128483  | ----  | Hand Wheel and Pulley Shaft 128482 with 128448, for 128484.....                                                                                       |
| 128484  | ----  | Hand Wheel and Pulley Shaft 128483 with 128461, 128478 and 138302.....                                                                                |
| 128485  | 9704  | Looper (back).....                                                                                                                                    |
| 128486  | 9704  | " (front).....                                                                                                                                        |
| 128488  | ----  | Needle Bar complete, Nos. 54708 and 128489                                                                                                            |
| 128489  | 9711  | " Clamp with two 1498F, for 128488...                                                                                                                 |
| 128490  | 9711  | " Guard (back) for 1/4 in. gauge and below.....                                                                                                       |
| 128491  | 9719  | Oil Reservoir for 128492.....                                                                                                                         |
| 128492  | ----  | " " " 128491 with 128493, 128494 and two 330J, for 138303.....                                                                                        |
| 128493  | 9719  | Oil Reservoir Cover for 128492.....                                                                                                                   |
| 128494  | 9719  | " " " Gasket for 128492.....                                                                                                                          |
| *128495 | ----  | " " Oil Pipe for 128496.....                                                                                                                          |
| 128496  | 9722  | " " " 128495 with 68350 and 128497, for filling oil reservoir, for 138303.....                                                                        |
| *128497 | ----  | Oil Reservoir Oil Pipe Head for 128496....                                                                                                            |
| 128498  | 9710  | " " " Tube with 138269, for 128500.....                                                                                                               |
| 128499  | 9710  | Oil Reservoir Oil Tube Wick for 128500....                                                                                                            |
| 128500  | ----  | Oil Reservoir Oil Tube complete, for oiling Cylinder Rock Shaft Bushing (back) Nos. 51630, 128498, 128499 and 138268, for 138303.....                 |
| 130869  | 9708  | Arm Rock Shaft Bushing (back) Oil Pad (braided cotton).....                                                                                           |
| 130869  | 9708  | Arm Rock Shaft Bushing (intermediate) Oil Pad (braided cotton).....                                                                                   |
| 131019  | 9722  | Machine Base Oil Pipe for 138297.....                                                                                                                 |
| 131020  | 9722  | " " " " Oil Valve for 138297                                                                                                                          |
| 132518  | 9716  | " Cushion (small) felt for 138297...                                                                                                                  |
| 138251  | 9710  | Oil Reservoir Oil Tube with 138269, for 138253.....                                                                                                   |
| 138252  | 9710  | Oil Reservoir Oil Tube Wick for 138253....                                                                                                            |
| 138253  | ----  | Oil Reservoir Oil Tube complete, for oiling Cylinder Rock Shaft Connecting Rod (lower) Bearing Nos. 51630, 138251, 138252 and 138268, for 138303..... |
| 138254  | 9710  | Oil Reservoir Oil Tube with 138269, for 138256.....                                                                                                   |
| 138255  | 9710  | Oil Reservoir Oil Tube Wick for 138256....                                                                                                            |
| 138256  | ----  | Oil Reservoir Oil Tube complete, for oiling Cylinder Rock Shaft Connection (front) Bearing Nos. 51630, 138254, 138255 and 138268, for 138303.....     |

| No.     | Plate | Name                                                                                                                                              |
|---------|-------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| 138257  | 9710  | Oil Reservoir Oil Tube with 138269, for 138259.....                                                                                               |
| 138258  | 9710  | Oil Reservoir Oil Tube Wick for 138259 and 138264.....                                                                                            |
| 138259  | ----  | Oil Reservoir Oil Tube complete for oiling, Feed Connecting Rod, Nos. 51630, 138257 138258 and 138268, for 138303.....                            |
| 138260  | 9708  | Oil Reservoir Oil Tube with 138269, for 138262.....                                                                                               |
| 138261  | 9708  | Oil Reservoir Oil Tube Wick for 138262....                                                                                                        |
| 138262  | ----  | Oil Reservoir Oil Tube complete, for oiling Cylinder Rock Shaft Connection (back) Bearing, Nos. 51630, 138260, 138261 and 138268, for 138303..... |
| 138263  | 9708  | Oil Reservoir Oil Tube with 138269, for 138264.....                                                                                               |
| 138264  | ----  | Oil Reservoir Oil Tube complete, for oiling Feed Lifting Lever Connecting Rod, Nos. 51630, 138258, 138263 and 138268, for 138303.....             |
| 138265  | 9708  | Oil Reservoir Oil Tube with 138269, for 138267.....                                                                                               |
| 138266  | 9708  | Oil Reservoir Oil Tube Wick for 138267....                                                                                                        |
| 138267  | ----  | Oil Reservoir Oil Tube complete, for oiling Crank Connecting Rod (lower) Bearing, Nos. 51630, 138265, 138266 and 138268, for 138303.....          |
| 138268  | 9708  | Oil Reservoir Oil Tube Coupling for 128500 138253, 138256, 138259, 138262, 138264 and 138267.....                                                 |
| *138269 | ----  | Oil Reservoir Oil Tube Ferrule for 128498, 138251, 138254, 138257, 138260, 138263 and 138265.....                                                 |
| 138270  | 9721  | Tension (upper thread) Bracket.....                                                                                                               |
| 138271  | 9718  | " " " Releasing Shaft....                                                                                                                         |
| *138272 | ----  | Thread (under) Protector (left) for 138273                                                                                                        |
| 138273  | 9720  | " " " " 138272 with 138300.....                                                                                                                   |
| *138274 | ----  | Thread (under) Protector (right) for 138275.....                                                                                                  |
| 138275  | 9720  | Thread (under) Protector (right) 138274 with 138300.....                                                                                          |
| 138276  | 9720  | Thread (under) Take-up with two 465C.....                                                                                                         |
| 138277  | 9721  | " " " Stripper.....                                                                                                                               |
| 138278  | 9711  | " " " Bracket...                                                                                                                                  |
| 138279  | 9721  | " " " Thread Guard with 220J.....                                                                                                                 |
| 138280  | 9719  | Thread (under) Take-up Frame for 138281...                                                                                                        |

| No.     | Plate | Name                                                                                                                                       |
|---------|-------|--------------------------------------------------------------------------------------------------------------------------------------------|
| 138281  | ----  | Thread (under) Take-up Frame complete, Nos. 128105, 138280 and 138282.....                                                                 |
| *138282 | 9719  | Thread (under) Take-up Frame Cover with 50150C, for 138281.....                                                                            |
| 138283  | 9706  | Thread (upper) Controller.....                                                                                                             |
| 138284  | 9715  | " " Take-up Bracket for 138288.                                                                                                            |
| 138285  | 9715  | " " " Eyelet with 2084, for 138288.....                                                                                                    |
| 138286  | 9706  | Thread (upper) Take-up Stripper.....                                                                                                       |
| 138287  | 9706  | " " " Thread Retainer for 138288.....                                                                                                      |
| 138288  | ----  | Thread (upper) Take-up complete, Nos. 1145H 68164, 138284, 138285 and 138287.....                                                          |
| 138289  | 9709  | Throat Plate for 1/8 in. to 5/32 in. gauges for 128469, for 138290.....                                                                    |
| 138290  | ----  | Throat Plate 138289 with 138295 and two 228D.....                                                                                          |
| 138293  | 9709  | Throat Plate for 3/16 in. to 1/4 in. gauges for 128471, for 138294.....                                                                    |
| 138294  | ----  | Throat Plate 138293 with 138295 and two 228D.....                                                                                          |
| 138295  | 9709  | Throat Plate Body and Lap Seam Feller Holder for 138290 and 138294.....                                                                    |
| 138296  | 9725  | Machine Base for 138297.....                                                                                                               |
| 138297  | ----  | Machine Base complete, Nos. 131019, 131020, 132618, 138296, three wood screws 2 in. No. 12 F.H. and four each 131F, 138298 and 138299..... |
| 138298  | 9722  | Machine Cushion (large) felt for 138297...                                                                                                 |
| 138299  | 9716  | " " (small) felt for 138297...                                                                                                             |
| 138300  | ----  | Thread (under) Protector Holder for 138273 and 138275.....                                                                                 |
| 138302  | ----  | Feed Connecting Rod 128472 with 128475, for 128484.....                                                                                    |
| 138307  | ----  | Oil Reservoir complete, Nos. 128492, 128496 128500, 138253, 138256, 138259, 138262, 138264 and 138267.....                                 |
| 138304  | 9708  | Crank Connecting Rod Head (upper) Oil Pad (braided cotton).....                                                                            |
| 138304  | 9708  | Cylinder Rock Shaft Connecting Rod Head (upper) Oil Pad (braided cotton).....                                                              |
| 138306  | 9708  | Feed Eccentric Lubricating Pad (wood) for 128475.....                                                                                      |
| 138308  | 9706  | Cylinder Rock Shaft Connection Lubricating Pad (wood) for 128460.....                                                                      |
| 138308  | 9706  | Feed Lifting Eccentric Lubricating Pad (wood) for 128477.....                                                                              |
| 138308  | 9706  | Hand Wheel and Pulley Shaft Lubricating Pad (wood) for 128482.....                                                                         |

| No.     | Plate | Name                                                                                                                                                                              |
|---------|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 138309  | 9725  | Hand Wheel and Pulley with two 448C.....                                                                                                                                          |
| 138310  | 9717  | " " " " Shaft Bushing (right) for 138311.....                                                                                                                                     |
| 138311  | ----  | Hand Wheel and Pulley Shaft Bushing (right) 138310 with 138312 and 138316..                                                                                                       |
| 138312  | 9715  | Hand Wheel and Pulley Shaft Bushing (right) Oil Pad (inside) wick for 138311.....                                                                                                 |
| 138312  | 9715  | Hand Wheel and Pulley Shaft Flanged Bushing (left) Oil Pad (inside) wick for 138315.....                                                                                          |
| 138313  | 9715  | Hand Wheel and Pulley Shaft Flanged Bushing (left) Oil Pad (outside) wick for 138315.....                                                                                         |
| 138314  | 9720  | Hand Wheel and Pulley Shaft Flanged Bushing (left) for 138315.....                                                                                                                |
| 138315  | ----  | Hand Wheel and Pulley Shaft Flanged Bushing (left) 138314 with 138312 and 138313.....                                                                                             |
| 138316  | 9715  | Hand Wheel and Pulley Shaft Bushing (right) Oil Pad (outside) wick for 138311.....                                                                                                |
| 138317  | 9707  | Tension (upper thread) Releasing Shaft Spring.....                                                                                                                                |
| 138320  | 9708  | Arm Oil Cup (small) Washer (leather) for 68350.....                                                                                                                               |
| *150057 | ----  | Thread Unwinder Thread Separator for 150058.....                                                                                                                                  |
| 150058  | 9505  | Thread Unwinder Thread Separator 150057 with 150059, for 150061.....                                                                                                              |
| *150059 | ----  | Thread Unwinder Thread Separator Bracket for 150058.....                                                                                                                          |
| 150060  | 9505  | Thread Unwinder Thread Separator Bracket Arm with 164J and 9525, for 150061.....                                                                                                  |
| 150061  | ----  | Thread Unwinder Thread Separator complete, Nos. 164J, 9525, 150058 and 150060, for 150062.....                                                                                    |
| 150062  | 9505  | Thread Unwinder complete, for four spools, Nos. 150061, 201696J, 202490, 225324 225326, 225388, two 225257, three wood screws 7/8 in. No. 12 and four each 150203 and 225391..... |
| 150203  | 9505  | Thread Unwinder Spool Rest Cushion for 150062.....                                                                                                                                |
| 150451  | 9725  | Treadle Stand for 150452.....                                                                                                                                                     |
| 150452  | ----  | Treadle complete, Nos. 4879, 4882, 126249 126250, 150451 and two wood screws 1 in No. 16 F.H.....                                                                                 |



## NUMERICAL LIST OF PARTS

| No.     | Plate | Name                                                                         |
|---------|-------|------------------------------------------------------------------------------|
| 200383C | 9712  | Thread Unwinder Spool Rest Rod Set Screw<br>for 202490.....                  |
| 201018C | 9712  | Thread Unwinder Spool Rest Set Screw for<br>225257.....                      |
| 201696J | 9707  | Thread Unwinder Thread Guide Lock Nut for<br>150062.....                     |
| 202490  | 9505  | Thread Unwinder Spool Stand with 200383C,<br>for 150062.....                 |
| 225257  | 9505  | Thread Unwinder Spool Rest (for two<br>spools) with 201018C, for 150062..... |
| 225322  | 9707  | Thread Unwinder Thread Guide Rod Washer<br>for 225324.....                   |
| 225324  | 9505  | Thread Unwinder Thread Guide Rod with 208E<br>and 225322, for 150062.....    |
| 225326  | 9707  | Thread Unwinder Thread Guide Position Cup<br>for 150062.....                 |
| 225388  | 9505  | Thread Unwinder Spool Rest Rod for 150062.                                   |
| 225390  | 9724  | " " Thread Cone Holder for in-<br>verted cones, for 150062.....              |
| 225391  | 9505  | Thread Unwinder Thread Guide for 150062...                                   |
| 743382  | 9704  | Belt Guard (upper) Lock Spring for 128173.                                   |

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

**ILLUSTRATIONS OF PARTS  
FOR  
MACHINE No. 148-12**

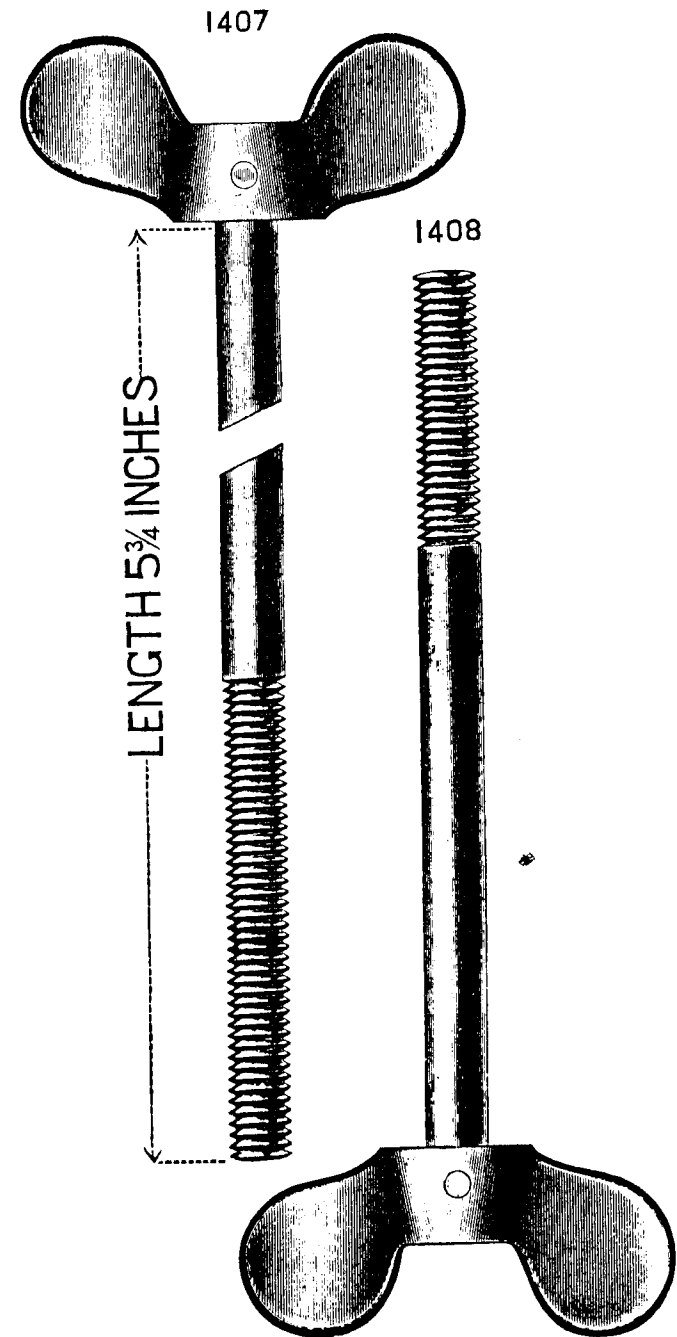


PLATE 9505—ONE-SIXTH SIZE

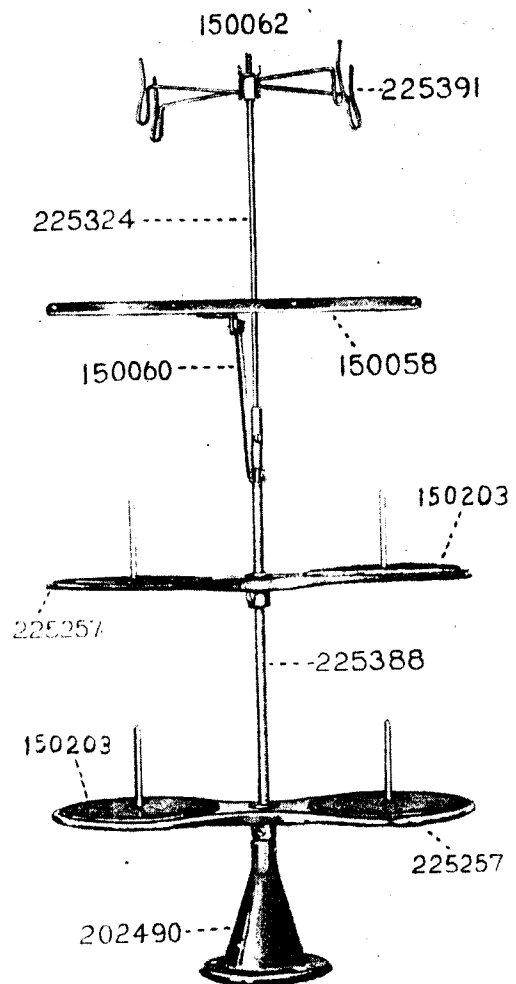


PLATE 9704—FULL SIZE

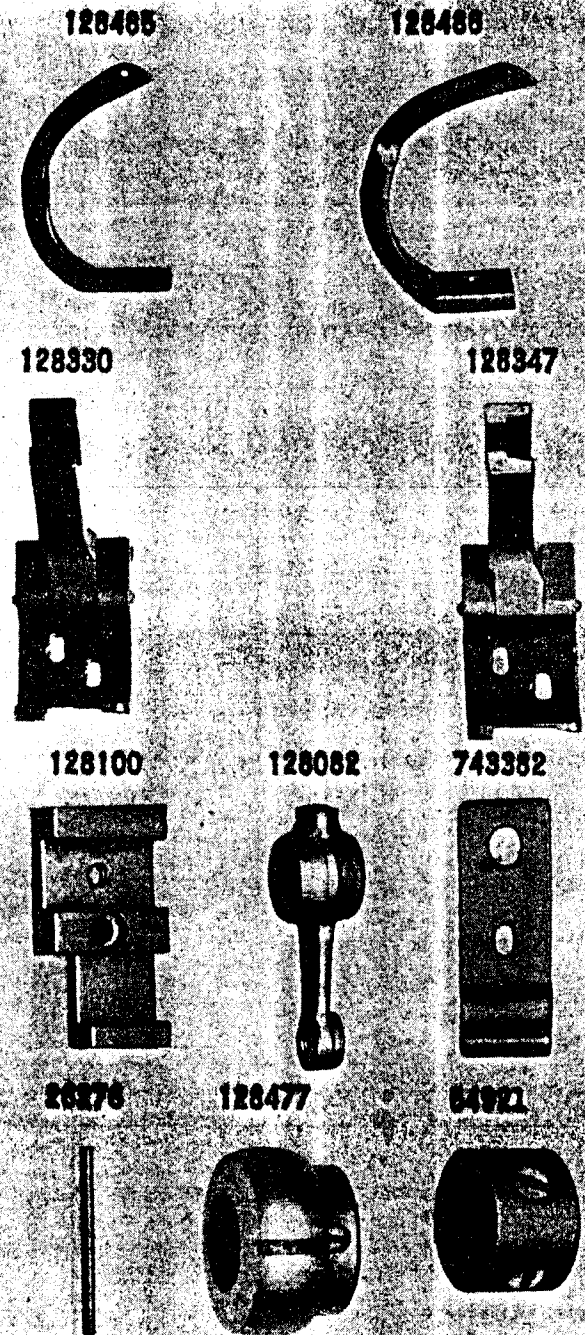


PLATE 9705--FULL SIZE

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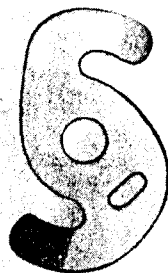
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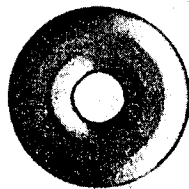
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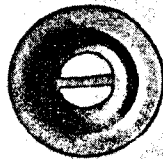
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2102



32572



59537



59538



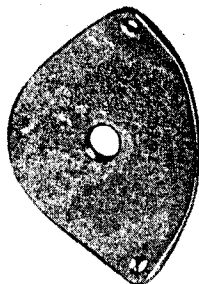
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46111



PLATE 9706--FULL SIZE

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128055



54664



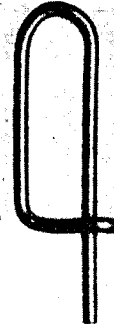
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138283



138286



138287



128066



128028



19294



128457



138308



2269



2049



54722



PLATE 9707—FULL SIZE

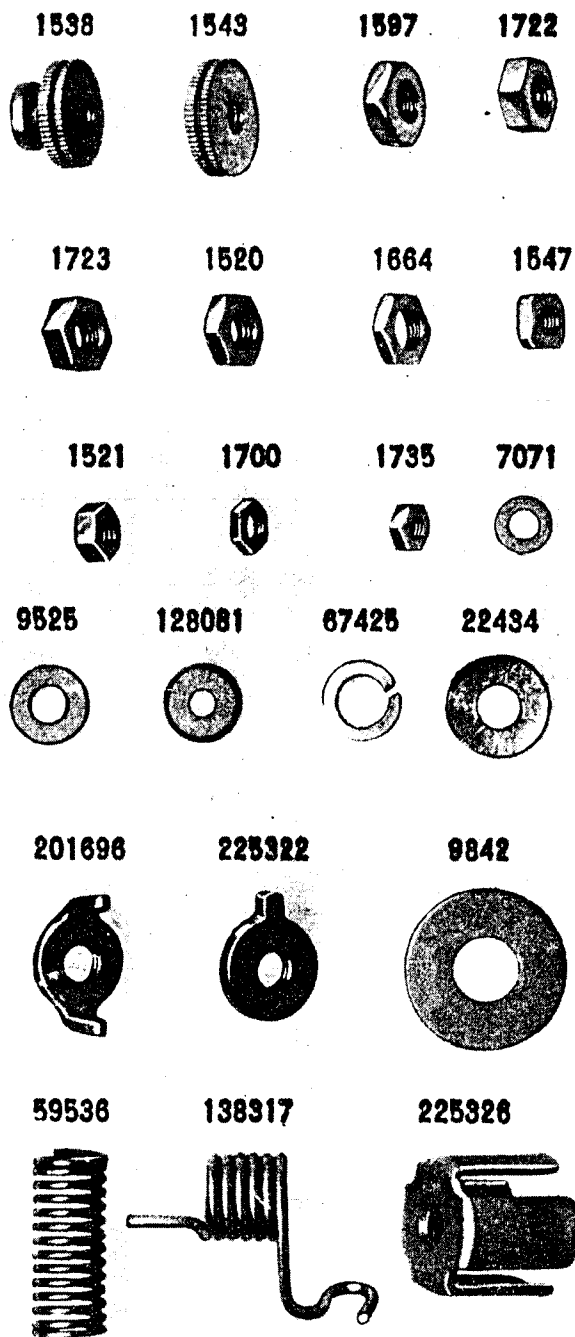


PLATE 9708—FULL SIZE

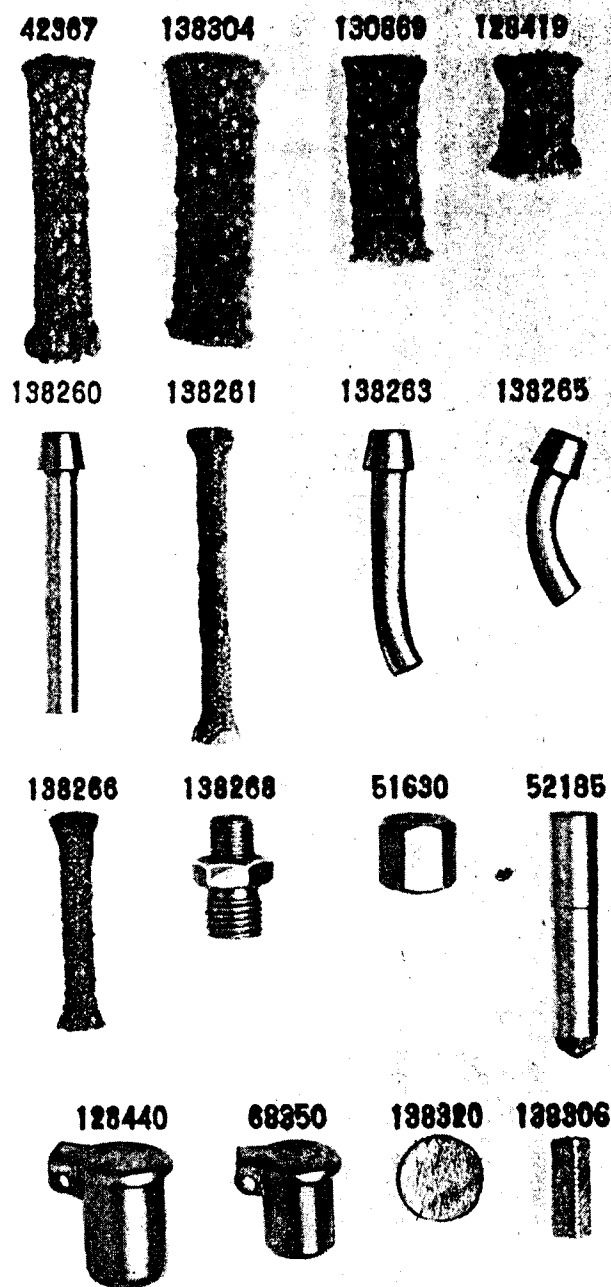


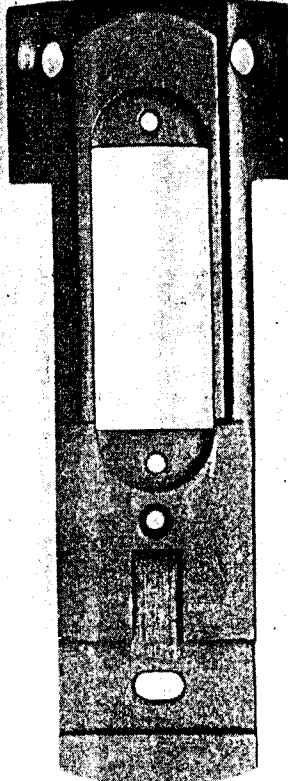


PLATE 9709—FULL SIZE

128469



138295



138289



128471



138293



50128



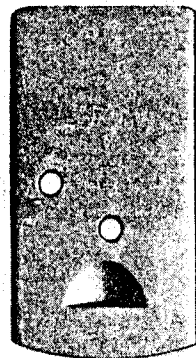
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228



121268



121266



PLATE 9710—FULL SIZE

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128499



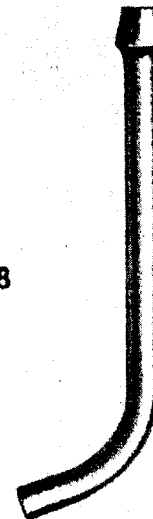
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138252



138254



138255



138257

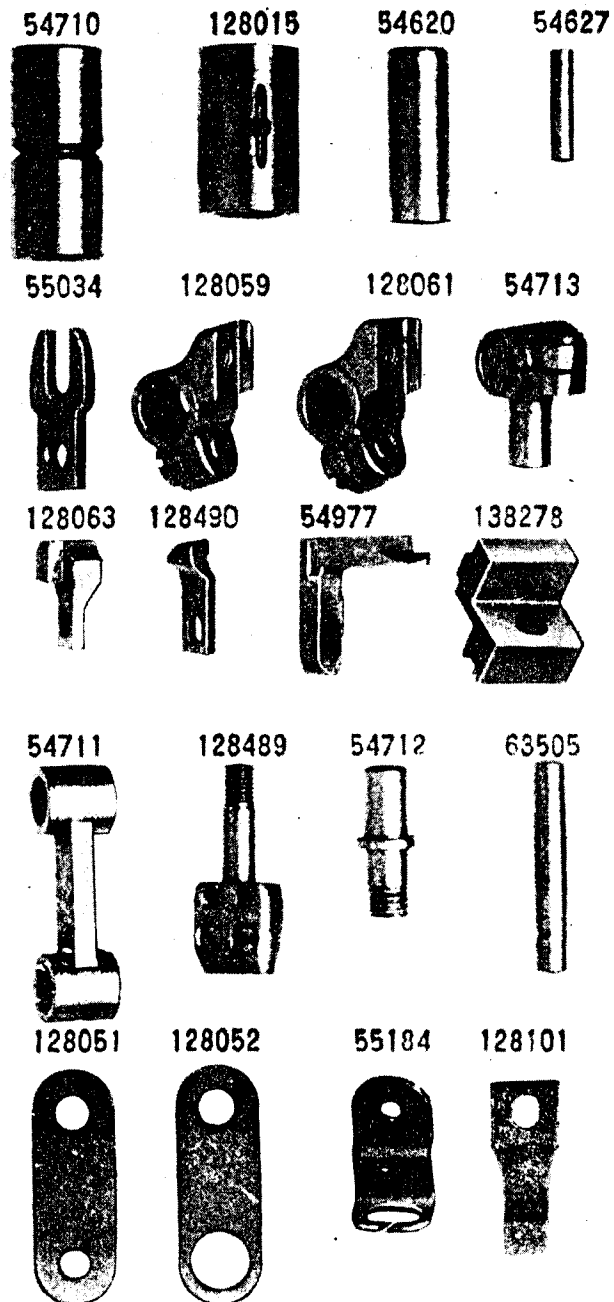


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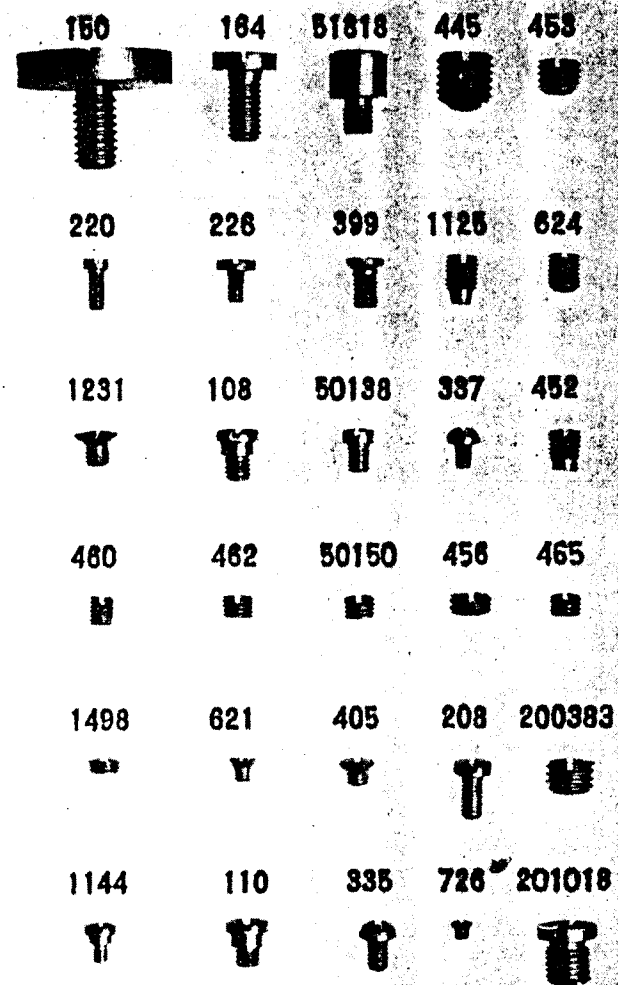




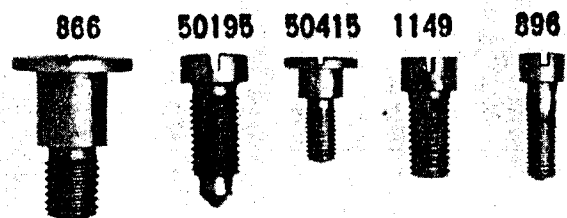
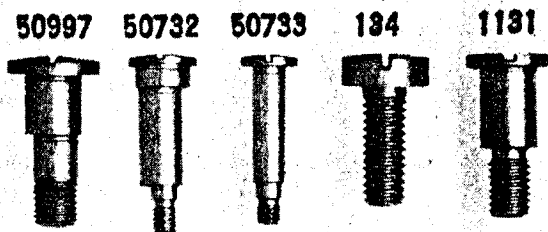
# PLATE 9711—FULL SIZE



# PLATE 9712—FULL SIZE



# PLATE 9713—FULL SIZE



# PLATE 9714—FULL SIZE

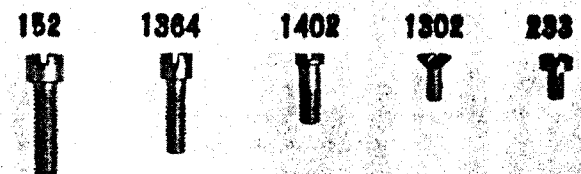
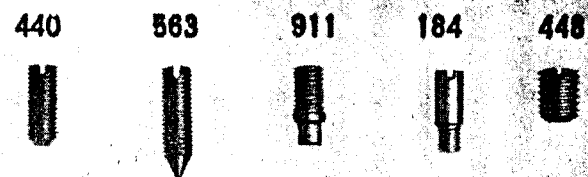
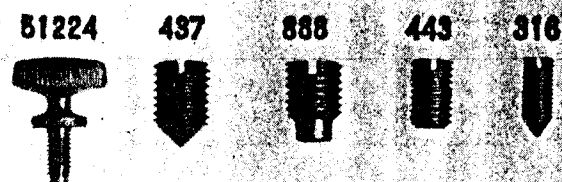
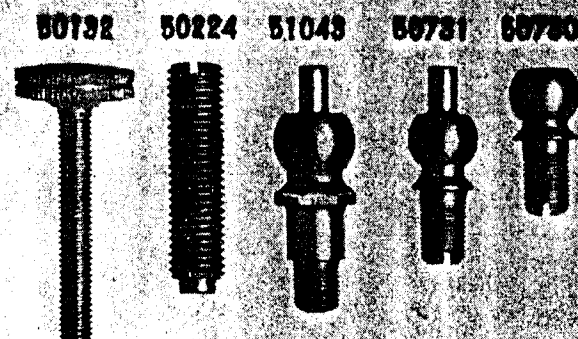


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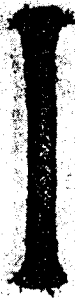
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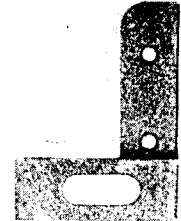
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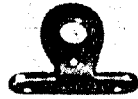
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138285



128095



128167



128094



1137



2084



2273



10165



68164

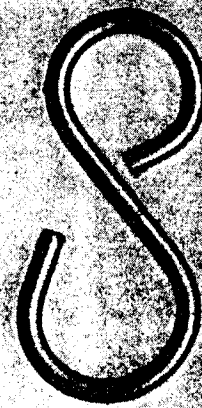


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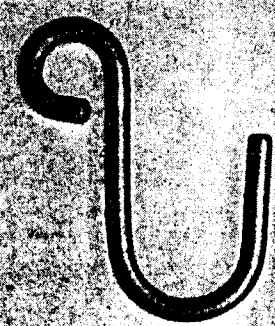


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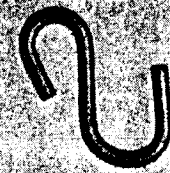
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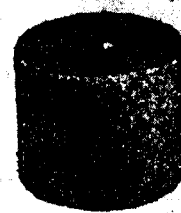
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55965



138299



132618





PLATE 9717-ONE-HALF SIZE

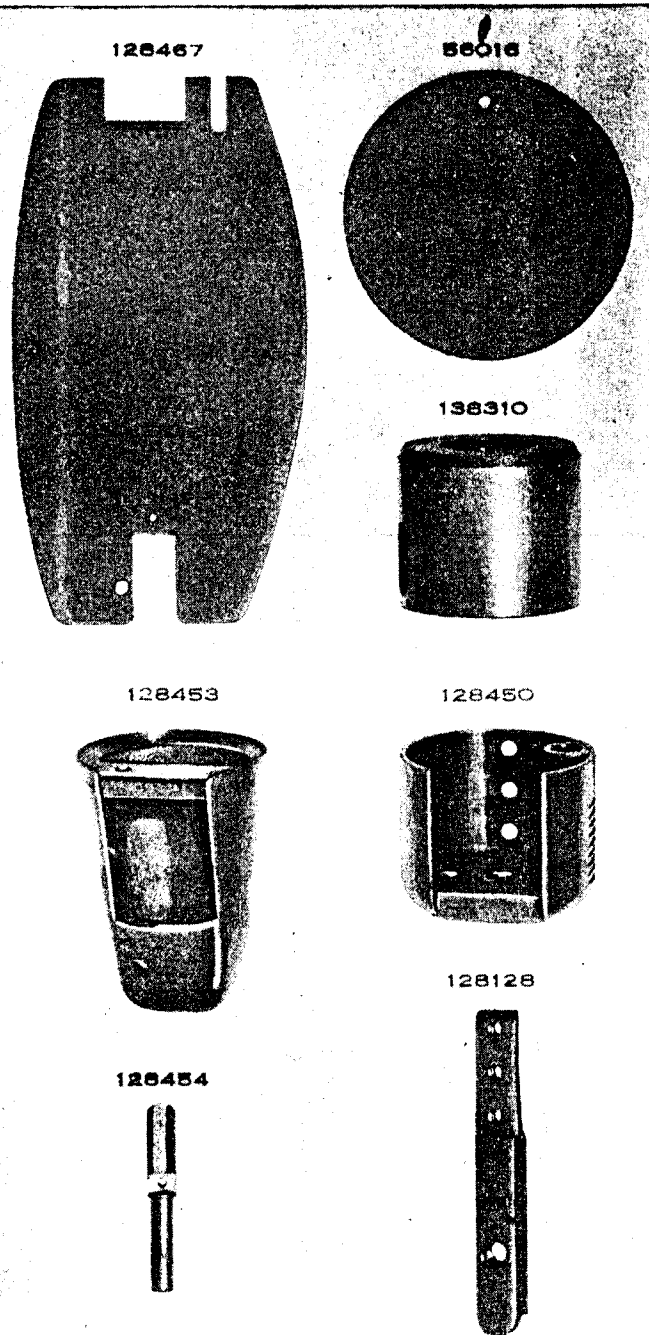


PLATE 9718-ONE-HALF SIZE

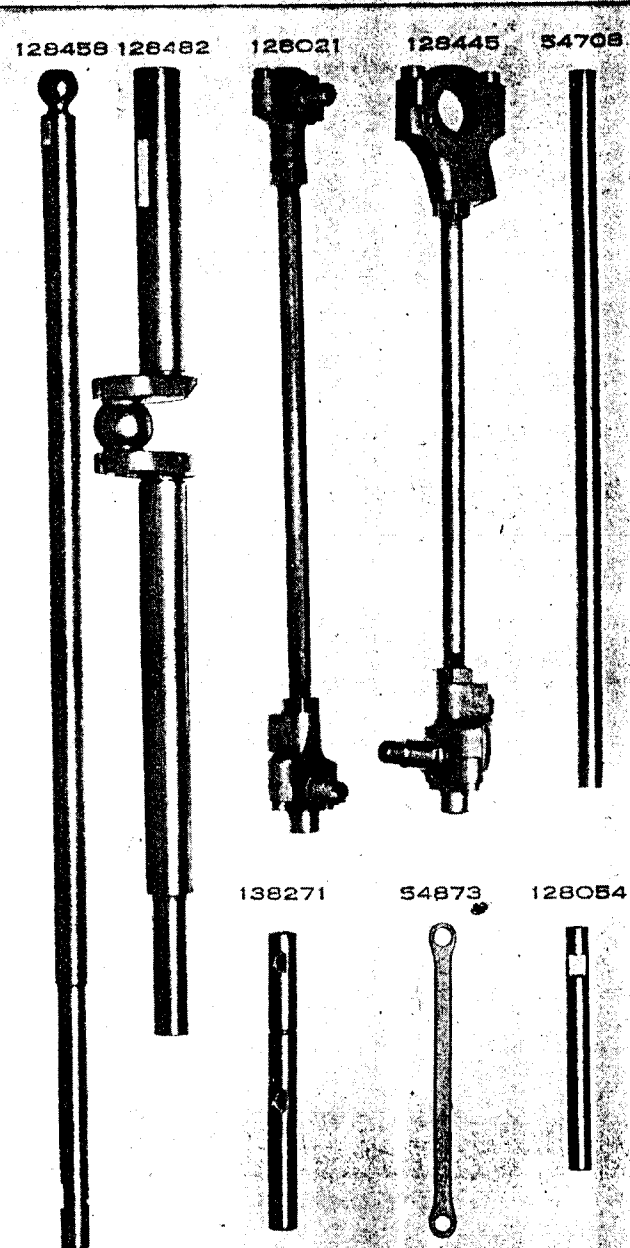
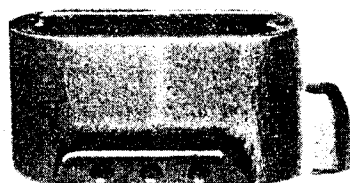
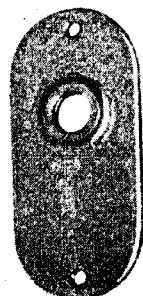


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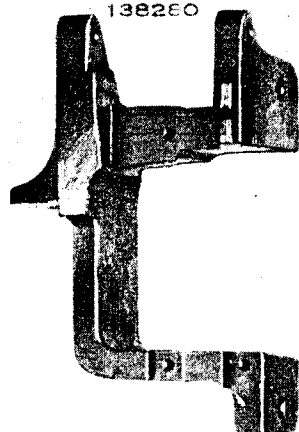
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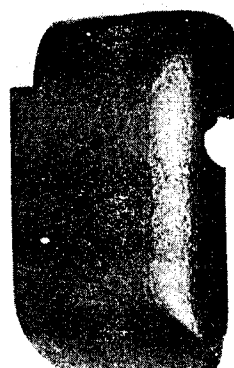
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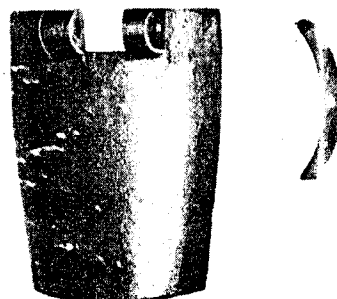
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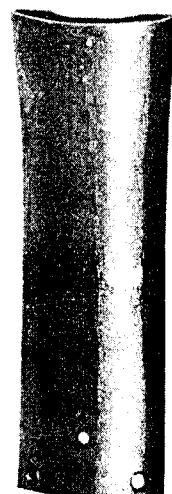
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128033



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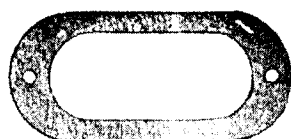


PLATE 9720—ONE-HALF SIZE

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128475



138314



128003



128442



54919



128444



128443



128006



128017



128459



128064



128067



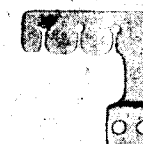
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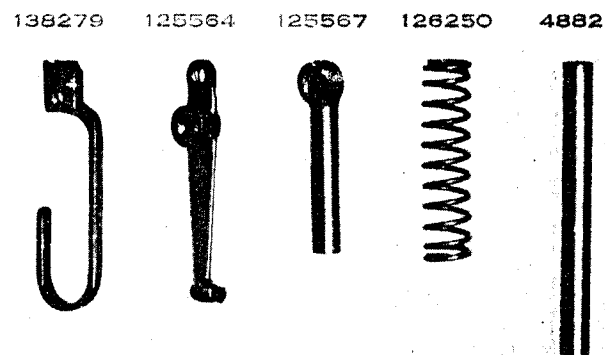
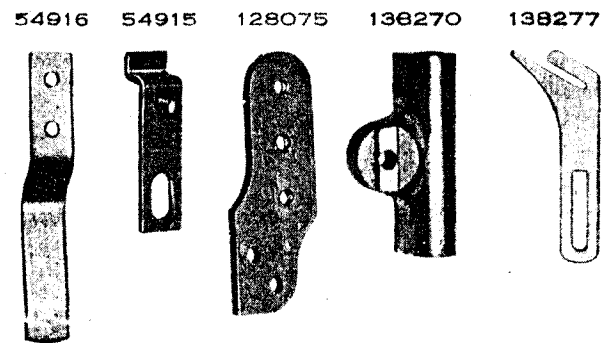
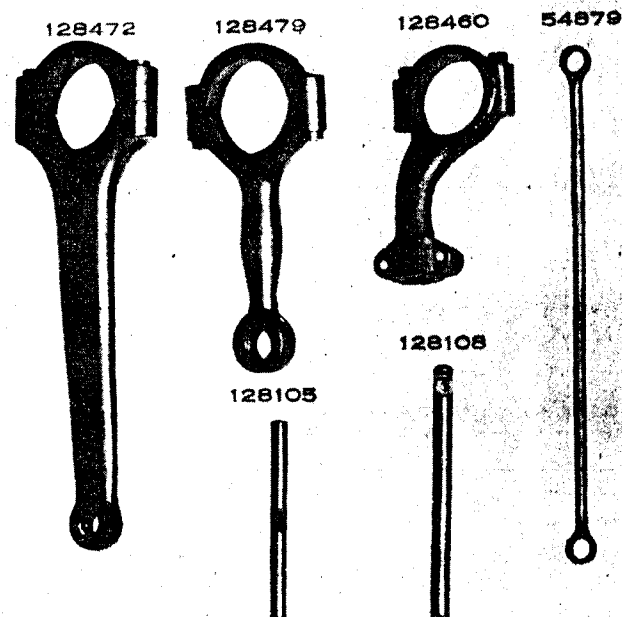
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128030



# PLATE 9721—ONE-HALF SIZE



# PLATE 9722—ONE-HALF SIZE

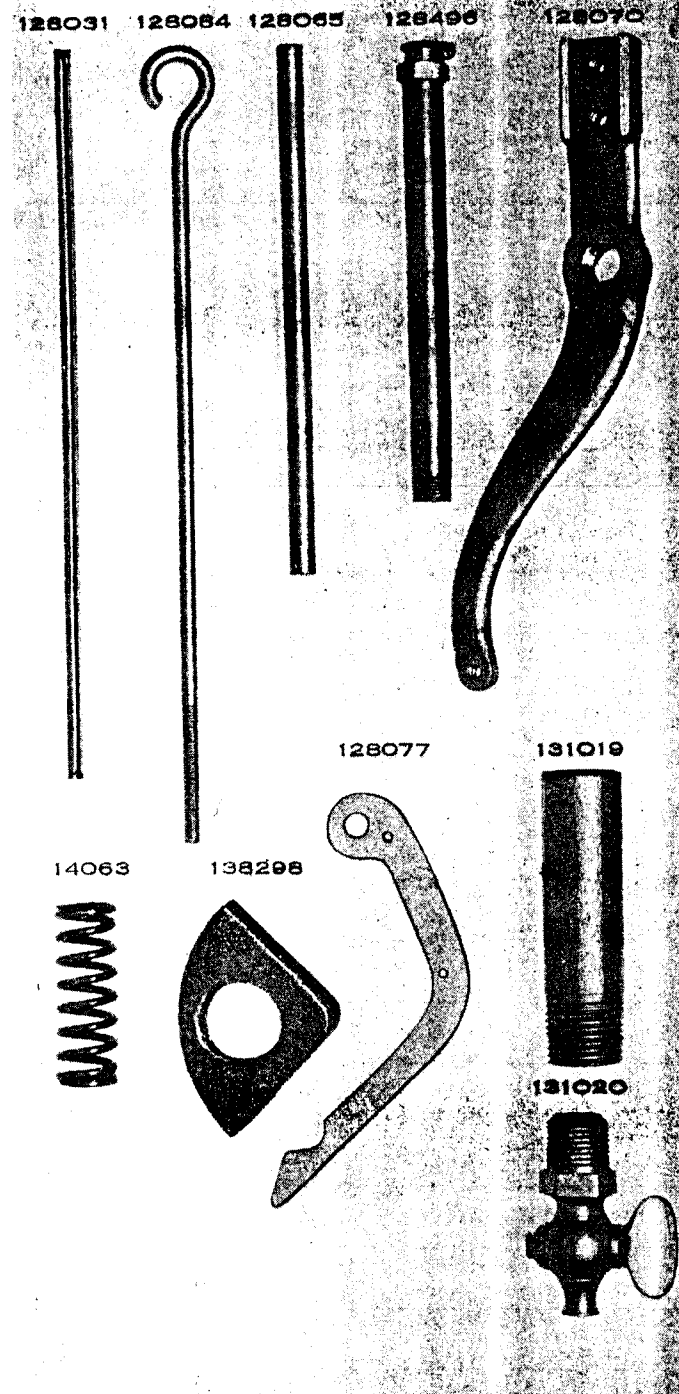




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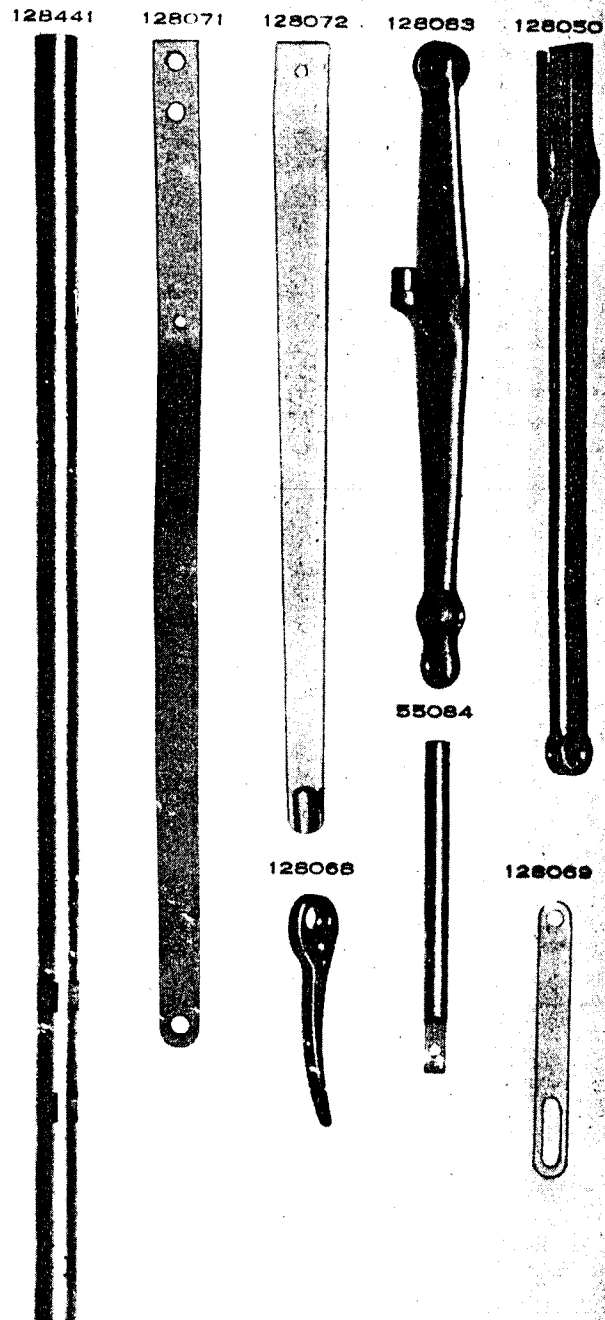


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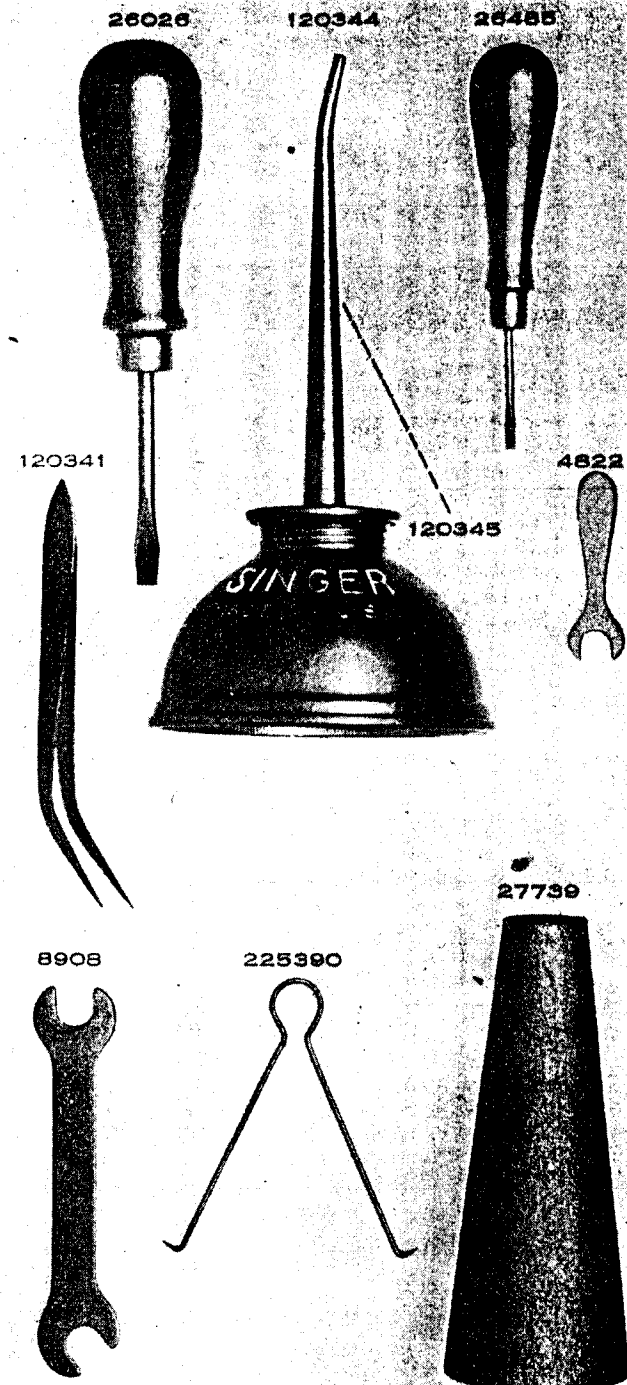
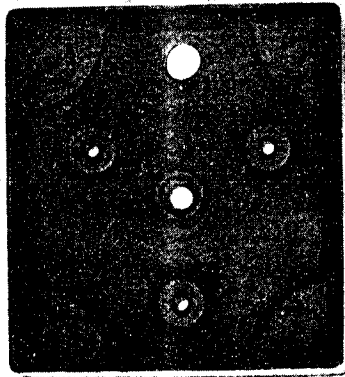
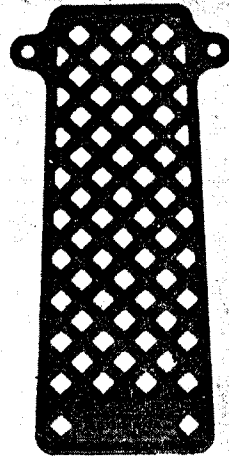


PLATE 9725—ONE-FOURTH SIZE

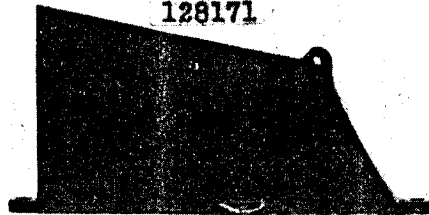
138296



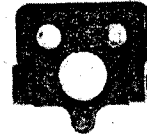
126249



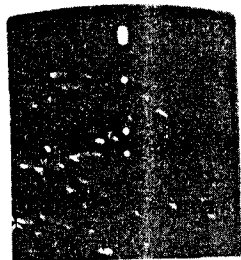
128171



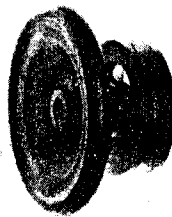
150451



64913



138309



128043



128172



# LIST OF PARTS



MACHINES  
Nos. 231-7 and 231-8

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THE SINGER MANUFACTURING COMPANY

## INSTRUCTIONS FOR OILING

Remove the oil gauge from the work supporting arm and pour oil into this arm until it is level with the mark on the gauge. Run the machine a few minutes, then check oil level, and if necessary, fill to mark on gauge.

Fill the oil reservoir at the right of the balance wheel.

Apply a few drops of oil to the three oil cups for the ball bearings.

When the machine is first started, put a few drops of oil in the top of the needle bar guide pin over the needle bar.

Thereafter, when the machine is in continuous use, replenish the oil supply about twice a week.

Use only "Singer Stainless Oil for High Speed Sewing Machines".

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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

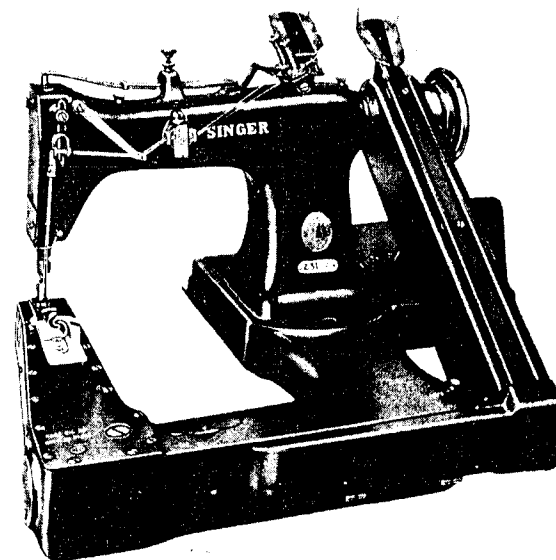
are numbers of Electrical Parts.

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.

When ordering parts which differ as to Gauge (the distance between seams) the Gauge, as well as the Number must be given on order.

## LIST OF PARTS COMPLETE FOR



## MACHINE No. 231-7

For Lap Seam Felling Work Shirts, Overalls, Trousers, etc., of medium weight materials. The machine has Two needles and two loopers. Feed off the arm two-thread chain-stitch. Range of gauges  $\frac{3}{16}$  inch to  $\frac{3}{8}$  inch, in steps of  $\frac{1}{32}$  inch. The standard gauges are  $\frac{3}{16}$  inch,  $\frac{1}{4}$  inch and  $\frac{5}{16}$  inch. Gauges in the range but not standard, can be furnished if required. Upper Thread Nipper and Slack Thread Controller. Drop Feed. Arm and bed rotary shafts are equipped with ball bearings. An oiling system automatically oils all the principal bearings and moving parts of the feed and looper mechanism. The needle bar driving mechanism is automatically oiled by an oil cup (sight feed) located on the balance wheel end of the arm rotary shaft. Needle bar stroke  $1 \frac{3}{16}$  inch. Length of stitch 6 to 18 to the inch. Speed 3800 R. P. M.

| No.     | Plate | Name                                                                 |
|---------|-------|----------------------------------------------------------------------|
| *139282 | ----- | Arm with 15404 and two 15405.....                                    |
| 8582    | 23078 | " Dowel Pin.....                                                     |
| 11119   | 23076 | " Oil Tube with 52045 (for oiling Tension Needle Thread Nipper)..... |



| No.     | Plate | Name                                                                       |
|---------|-------|----------------------------------------------------------------------------|
| 52045   | 23076 | Arm Oil Tube Packing (wick).....                                           |
| 139283  | 23076 | " Rotary Shaft.....                                                        |
| 139284  | ----- | " " " 139283 with 139228 and 139308.....                                   |
| 150483  | 23076 | Arm Rotary Shaft Ball Bearing (back)....                                   |
| 139003  | 23076 | " " " " " " Case                                                           |
| 139004  | 23076 | " " " " " " " Nut.....                                                     |
| 50422C  | 23076 | Arm Rotary Shaft Ball Bearing (back) Case Set Screw.....                   |
| 68350   | 23076 | Arm Rotary Shaft Ball Bearing (back) Oil Cup.....                          |
| 131319  | 23076 | Arm Rotary Shaft Ball Bearing (back) Oil Cup Oil Pad (braided cotton)..... |
| 139005  | 23076 | Arm Rotary Shaft Ball Bearing (back) Spacing Collar.....                   |
| 139006  | 23076 | Arm Rotary Shaft Ball Bearing (front)...                                   |
| 68350   | 23076 | " " " " " " Oil Cup.....                                                   |
| 131319  | 23076 | Arm Rotary Shaft Ball Bearing (front) Oil Cup Oil Pad (braided cotton).... |
| 139007  | 23076 | Arm Rotary Shaft Ball Bearing (front) Oil Retainer (back).....             |
| 139008  | 23076 | Arm Rotary Shaft Ball Bearing (front) Oil Retainer (front).....            |
| 139199  | 23076 | Arm Rotary Shaft Crank with two each 1036C and 1149C.....                  |
| 139228  | ----- | Arm Rotary Shaft Crank 139199 with 139103.....                             |
| 1149C   | 23076 | Arm Rotary Shaft Crank Set Screw.....                                      |
| 51185F  | 23076 | " " " Screw.....                                                           |
| 139010  | 23076 | " " " Sprocket Wheel with two each 201254C and 202253.....                 |
| 201254C | 23076 | Arm Rotary Shaft Sprocket Wheel Set Screw.....                             |
| 202253  | 23076 | Arm Rotary Shaft Sprocket Wheel Spring Flange.....                         |
| 116E    | 23078 | Arm Screw.....                                                             |
| 139011  | 23076 | Balance Wheel, 2 in. pulley, with two 51283C.....                          |
| 51283C  | 23076 | Balance Wheel Set Screw.....                                               |
| *139249 | ----- | Bed.....                                                                   |
| 139251  | 23079 | Bed Cover with 139253 and two 50411E....                                   |
| 139252  | 23079 | " " Gasket (cork).....                                                     |
| 139253  | 23079 | " " " Clamping Plate.....                                                  |
| 50411E  | 23079 | " " " " " Screw...                                                         |
| 50608R  | 23079 | " " Hole Plug Screw.....                                                   |
| 139017  | 23079 | " " " " " Washer.....                                                      |
| 50004C  | 23079 | " " Screw.....                                                             |
| 139337  | 23078 | " Extension.....                                                           |

| No.     | Plate | Name                                                                       |
|---------|-------|----------------------------------------------------------------------------|
| 783E    | 23078 | Bed Extension Screw.....                                                   |
| 50608R  | 23076 | " Oil Drain Plug Screw.....                                                |
| 139017  | 23076 | " " " " " Washer.....                                                      |
| 139022  | 23079 | " " Gauge.....                                                             |
| 139025  | 23076 | " Rotary Shaft.....                                                        |
| 139026  | 23076 | " " " Ball Bearing (intermediate).....                                     |
| 139028  | 23076 | Bed Rotary Shaft Ball Bearing (intermediate) Sleeve with two 462C.....     |
| 462C    | 23076 | Bed Rotary Shaft Ball Bearing (intermediate) Sleeve Set Screw.....         |
| 132231  | 23076 | Bed Rotary Shaft Ball Bearing (left)....                                   |
| 139030  | 23076 | " " " " " " Cover                                                          |
| 139031  | 23076 | " " " " " " " Gasket.....                                                  |
| 202R    | 23076 | Bed Rotary Shaft Ball Bearing (left) Cover Screw.....                      |
| 150483  | 23076 | Bed Rotary Shaft Ball Bearing (right)...                                   |
| 139032  | 23076 | " " " " " " Case                                                           |
| 139004  | 23076 | " " " " " " " Nut.....                                                     |
| 50422C  | 23076 | Bed Rotary Shaft Ball Bearing (right) Case Set Screw.....                  |
| 68350   | 23076 | Bed Rotary Shaft Ball Bearing (right) Oil Cup.....                         |
| 131319  | 23076 | Bed Rotary Shaft Ball Bearing (right) Oil Cup Oil Pad (braided cotton).... |
| 139033  | 23076 | Bed Rotary Shaft Ball Bearing (right) Spacing Collar.....                  |
| 249311  | 23076 | Bed Rotary Shaft Belt.....                                                 |
| 139034  | 23078 | " " " " " Guard with two 200363C.....                                      |
| 139035  | 23078 | Bed Rotary Shaft Belt Guard Cover.....                                     |
| 139036  | 23078 | " " " " " " 139035 with 139037.....                                        |
| 139037  | 23078 | Bed Rotary Shaft Belt Guard Cover Gasket (cork).....                       |
| 200092F | 23078 | Bed Rotary Shaft Belt Guard Cover Screw.                                   |
| 200363C | 23078 | " " " " " " Set Screw...                                                   |
| 1480D   | 23076 | " " " " " " Screw (left).....                                              |
| 50040D  | 23076 | " " " " " " (right).....                                                   |
| 139038  | 23076 | " " " Sprocket Wheel with 202253 and two 201254C.....                      |
| 201254C | 23076 | Bed Rotary Shaft Sprocket Wheel Set Screw.....                             |
| 202253  | 23076 | Bed Rotary Shaft Sprocket Wheel Spring Flange.....                         |
| 139039  | 23080 | Face Plate (lower half).....                                               |
| 139040  | 23080 | " " " " " Gasket (cork)...                                                 |
| 391C    | 23080 | " " " " " Screw.....                                                       |

| No.    | Plate | Name                                                                                                                                                                    |
|--------|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 139041 | 23080 | Face Plate (upper half).....                                                                                                                                            |
| 29234  | 23080 | " " " " Position Plate..                                                                                                                                                |
| 1053E  | 23080 | " " " " " " " "                                                                                                                                                         |
|        |       | Screw.....                                                                                                                                                              |
| 51224W | 23080 | Face Plate (upper half) Thumb Screw....                                                                                                                                 |
| 139043 | 23080 | Feed Bar.....                                                                                                                                                           |
| 139256 | 23080 | " " Hinge Pin (eccentric).....                                                                                                                                          |
| 443C   | 23080 | " " " " Set Screw.....                                                                                                                                                  |
| 1520J  | 23080 | " " " " " " Lock Nut...                                                                                                                                                 |
| 139046 | 23080 | " " " " Slide Block.....                                                                                                                                                |
| 139388 | 23082 | Feed Dog with row of teeth between the<br>needles, 16 teeth (12 teeth to the<br>inch) for 3/16 in. and 7/32 in.<br>gauges, for 139389, for Work Shirts.                 |
| 139049 | 23083 | Feed Dog with row of teeth between the<br>needles, 19 teeth (14 teeth to the<br>inch) for 1/4 in. to 3/8 in. gauges,<br>for 139186, for Work Shirts.....                |
| 139382 | 23083 | Feed Dog with row of teeth between the<br>needles, 14 teeth (10 teeth to the<br>inch) for 1/4 in. to 3/8 in. gauges,<br>for 139385, for Light Weight Over-<br>alls..... |
| 139414 | 23084 | Feed Dog with row of teeth between the<br>needles, 11 teeth (8 teeth to the<br>inch) for 1/4 in. to 3/8 in. gauges,<br>for 139385, for Heavy Weight Over-<br>alls.....  |
| 139415 | 23084 | Feed Dog with row of teeth between the<br>needles, 17 teeth (12 teeth to the<br>inch) for 1/4 in. to 3/8 in. gauges,<br>for 139385, for Light Weight Over-<br>alls..... |
| 1255E  | 23082 | Feed Dog Screw.....                                                                                                                                                     |
| 51061C | 23080 | " Eccentric Body Set Screw.....                                                                                                                                         |
| 7071   | 23080 | " " Clamping Washer.....                                                                                                                                                |
| 217J   | 23080 | " " " " Screw....                                                                                                                                                       |
| 139052 | 23080 | Feed Eccentric (adjustable) complete,<br>Nos. 217J, 7071, 50328C and two<br>51061C.....                                                                                 |
| 139053 | 23080 | Feed Eccentric Slide Block.....                                                                                                                                         |
| 139054 | 23080 | " Lifting Eccentric Forked Connection                                                                                                                                   |
| 157J   | 23080 | " " " " " "                                                                                                                                                             |
|        |       | Screw.....                                                                                                                                                              |
| 139055 | 23080 | Feed Lifting Eccentric Forked Connection<br>Slide Block.....                                                                                                            |
| 50328C | 23080 | Feed Regulating Screw.....                                                                                                                                              |

| No.                                                | Plate | Name                                                                            |
|----------------------------------------------------|-------|---------------------------------------------------------------------------------|
| 139056                                             | 23082 | Looper (back).....                                                              |
| Note: When ordering Loopers, state gauge required. |       |                                                                                 |
| 139057                                             | 23082 | Looper (front).....                                                             |
| 139058                                             | 23080 | " Avoiding Eccentric with two<br>50150C.....                                    |
| 139059                                             | 23080 | Looper Avoiding Eccentric Forked Connec-<br>tion.....                           |
| 139060                                             | 23080 | Looper Avoiding Eccentric Forked Connec-<br>tion Bracket with 456C.....         |
| 122E                                               | 23080 | Looper Avoiding Eccentric Forked Connec-<br>tion Bracket Screw.....             |
| 139257                                             | 23080 | Looper Avoiding Eccentric Forked Connec-<br>tion Crank (forked) with 1324C..... |
| 1324C                                              | 23080 | Looper Avoiding Eccentric Forked Connec-<br>tion Crank Clamping Screw.....      |
| 139055                                             | 23080 | Looper Avoiding Eccentric Forked Connec-<br>tion Slide Block.....               |
| 50150C                                             | 23080 | Looper Avoiding Eccentric Set Screw....                                         |
| 51485E                                             | 23080 | " Clamping Screw.....                                                           |
| 139062                                             | 23080 | " Driving Arm with 1047C.....                                                   |
| 139063                                             | ----- | " " " 139062 with 139066 and<br>139070.....                                     |
| 139064                                             | 23080 | Looper Driving Arm Connecting Link.....                                         |
| 139065                                             | 23080 | " " " " " Hinge<br>Pin.....                                                     |
| 1047C                                              | 23080 | Looper Driving Arm Connecting Link Hinge<br>Pin Set Screw.....                  |
| 139066                                             | 23080 | Looper Driving Arm Connection with four<br>175E.....                            |
| 175E                                               | 23080 | Looper Driving Arm Connection Cap (low-<br>er) Screw.....                       |
| 175E                                               | 23080 | Looper Driving Arm Connection Cap<br>(upper) Screw.....                         |
| 139069                                             | 23080 | Looper Driving Arm Connection Crank with<br>1057E.....                          |
| 139070                                             | 23080 | Looper Driving Arm Connection Crank Ball<br>Screw Stud.....                     |
| 1520J                                              | 23080 | Looper Driving Arm Connection Crank Ball<br>Screw Stud Nut.....                 |
| 128551                                             | 23080 | Looper Driving Arm Connection Crank Ball<br>Screw Stud Nut Lock Washer.....     |
| 1057E                                              | 23080 | Looper Driving Arm Connection Crank<br>Clamping Screw.....                      |
| 139352                                             | 23080 | Looper Driving Arm Hinge Stud.....                                              |
| 443C                                               | 23080 | " " " " " Set Screw.                                                            |
| 139072                                             | 23080 | " Eccentric and Feed Lifting Eccen-<br>tric with two 1259C.....                 |
| 1259C                                              | 23080 | Looper Eccentric and Feed Lifting Eccen-<br>tric Set Screw.....                 |
| 139073                                             | 23080 | Looper Eccentric Connection with 1047C..                                        |

| No.    | Plate | Name                                     |
|--------|-------|------------------------------------------|
| 139074 | 23080 | Looper Eccentric Connection Slide Block. |
| 139075 | 23080 | " " " " " "                              |
|        |       | Screw Stud.....                          |
| 139076 | 23080 | Looper Eccentric Connection Slide Block  |
|        |       | Screw Stud Collar with two 1253C....     |
| 1253C  | 23080 | Looper Eccentric Connection Slide Block  |
|        |       | Screw Stud Collar Set Screw.....         |
| 456C   | 23080 | Looper Eccentric Connection Slide Block  |
|        |       | Screw Stud Set Screw.....                |
| 139411 | 23080 | Looper Eccentric Connection Slide Block  |
|        |       | Screw Stud Washer (leather).....         |
| 139262 | 23079 | Looper Gate (left) for Throat Plates 3/4 |
|        |       | in. wide.....                            |
| 139264 | 23083 | Looper Gate (left) for Throat Plates 7/8 |
|        |       | in. wide.....                            |
| 139269 | 23079 | Looper Gate (right) for Throat Plates    |
|        |       | 3/4 in. wide.....                        |
| 139271 | 23083 | Looper Gate (right) for Throat Plates    |
|        |       | 7/8 in. wide.....                        |
| 139272 | 23079 | Looper Gate Retaining Spring.....        |
| 190J   | 23079 | " " " " Screw.....                       |
| 139093 | 23080 | " Holder with 172E, 26276 and 51485E     |
| 172E   | 23080 | " " Clamping Screw.....                  |
| 139094 | 23080 | " " Shaft.....                           |
| 139095 | 23080 | " " " Bushing (back).....                |
| 435C   | 23080 | " " " " " Set                            |
|        |       | Screw.....                               |
| 139096 | 23080 | Looper Holder Shaft Bushing (front)....  |
| 435C   | 23080 | " " " " " Set                            |
|        |       | Screw.....                               |
| 139097 | 23080 | Looper Holder Shaft Collar with 1454E... |
| 1454E  | 23080 | " " " " Clamping Screw                   |
| 26276  | 23080 | " Position Pin.....                      |
| 139273 | 23080 | " Thread Guide.....                      |
| 206J   | 23080 | " " " Screw.....                         |
| 139099 | 23080 | Needle Bar (hollow).....                 |
| 139100 | ----- | Needle Bar complete, Nos. 139099 and     |
|        |       | 139116.....                              |
| 139101 | 23080 | Needle Bar Bushing (lower).....          |
| 1133E  | 23080 | " " " " Set Screw....                    |
| 139102 | 23080 | " " Connecting Link.....                 |
| 139103 | ----- | " " " " 139102 with                      |
|        |       | 139105 and 139108.....                   |
| 139105 | 23076 | Needle Bar Connecting Link Hinge Stud... |
| 139239 | 23076 | " " " " " Oil                            |
|        |       | Pad (braided cotton).....                |
| 1036C  | 23076 | Needle Bar Connecting Link Hinge Stud    |
|        |       | Set Screw.....                           |

| No.                                                       | Plate | Name                                                                        |
|-----------------------------------------------------------|-------|-----------------------------------------------------------------------------|
| 139229                                                    | 23080 | Needle Bar Connecting Link Spacing Washer (thickness .004", .008" or .012") |
| Note: When ordering No. 139229, state thickness required. |       |                                                                             |
| 139108                                                    | 23080 | Needle Bar Connecting Stud with 175E....                                    |
| 175E                                                      | 23080 | " " " " Clamping Screw                                                      |
| 139110                                                    | 23080 | " " " " Oil Pad (wick)                                                      |
| 139111                                                    | 23080 | " " " " Slide Block...                                                      |
| 139112                                                    | 23080 | " " " " " "                                                                 |
|                                                           |       | Guide.....                                                                  |
| 1057C                                                     | 23080 | Needle Bar Connecting Stud Slide Block                                      |
|                                                           |       | Guide Screw.....                                                            |
| 59456                                                     | 23080 | Needle Bar Connecting Stud Slide Block                                      |
|                                                           |       | Guide Screw Washer.....                                                     |
| 139113                                                    | 23080 | Needle Bar Guide.....                                                       |
| 52146                                                     | 23080 | " " " Oil Pad (inside) braided                                              |
|                                                           |       | cotton.....                                                                 |
| 139114                                                    | 23080 | Needle Bar Guide Oil Pad (outside) felt.                                    |
| 1133E                                                     | 23080 | " " " Set Screw.....                                                        |
| 139115                                                    | 23080 | " " Thread Guide.....                                                       |
| 330W                                                      | 23080 | " " " Screw.....                                                            |
| 59019                                                     | 23080 | " " " " Washer....                                                          |
| 139116                                                    | 23080 | " Clamp with two 1498F.....                                                 |
| 139117                                                    | 23080 | " Guard, for 3/32 in. to 3/16 in.                                           |
|                                                           |       | gauges.....                                                                 |
| 139118                                                    | 23082 | Needle Guard, for 7/32 in. to 9/32 in.                                      |
|                                                           |       | gauges.....                                                                 |
| 139119                                                    | 23083 | Needle Guard, for 5/16 in. gauge.....                                       |
| 139195                                                    | 23083 | " " " 11/32 in. to 3/8 in.                                                  |
|                                                           |       | gauges.....                                                                 |
| Note: When ordering Needle Guards, state gauge required.  |       |                                                                             |
| 139120                                                    | 23080 | Needle Guard Holder.....                                                    |
| 453C                                                      | 23080 | " " " Set Screw.....                                                        |
| 1167E                                                     | 23080 | " " Screw.....                                                              |
| 1498F                                                     | 23080 | " Set Screw.....                                                            |
| 139121                                                    | 23076 | Oil Cup Body.....                                                           |
| 139122                                                    | 23076 | " " " Cap (transparent).....                                                |
| 139123                                                    | 23076 | " " " Gasket (cork).....                                                    |
| 139124                                                    | 23076 | " " " Retainer.....                                                         |
| 131C                                                      | 23076 | " " " Screw.....                                                            |
| 50617B                                                    | 23076 | " " " Oil Plug Screw.....                                                   |
| 139125                                                    | 23076 | " " " " Washer.....                                                         |
| 139126                                                    | 23076 | Oil Cup complete, for oiling Needle Bar                                     |
|                                                           |       | Connecting Link, Nos. 50617B, 139121                                        |
|                                                           |       | to 139125 and four 131C.....                                                |
| 139127                                                    | 23076 | Oil Cup Gasket (soft leather).....                                          |
| 139128                                                    | 23080 | Presser Bar with 25303.....                                                 |
| 25303                                                     | 23080 | " " Ball, size 1/4 in.....                                                  |
| 139410                                                    | 23080 | " " Bushing (lower).....                                                    |

| No.                                               | Plate | Name                                     |
|---------------------------------------------------|-------|------------------------------------------|
| 1133E                                             | 23080 | Presser Bar Bushing (lower) Set Screw... |
| 38456                                             | 23080 | " " " (upper).....                       |
| 1133E                                             | 23080 | " " " " Set Screw...                     |
| 139130                                            | 23080 | " " Lifting Bracket with 1057E..         |
| 1057E                                             | 23080 | " " " " Clamping Screw                   |
| 139131                                            | 23085 | " " " " Lifter.....                      |
| 807D                                              | 23085 | " " " " " Hinge                          |
|                                                   |       | Screw.....                               |
| 139132                                            | 23085 | Presser Bar Lifting Lever.....           |
| 802D                                              | 23085 | " " " " Hinge Screw...                   |
| 139133                                            | 23085 | " " " " Spring.....                      |
| 131198                                            | 23085 | " " Spring (auxiliary).....              |
| 38467                                             | 23085 | " " " (flat).....                        |
| 38468                                             | 23085 | " " " Stud.....                          |
| 139218                                            | 23082 | " Foot Plate.....                        |
| 139219                                            | 23082 | " " " Hinge Stud.....                    |
| 665J                                              | 23082 | " " " " Position                         |
|                                                   |       | Screw.....                               |
| 139220                                            | 23082 | Presser Foot Shank.....                  |
| 139221                                            | 23082 | " " Yielding Heel.....                   |
| 139222                                            | 23082 | " " " " Connection...                    |
| 18055                                             | 23082 | " " " " " Hinge                          |
|                                                   |       | Pin.....                                 |
| 9610                                              | 23082 | Presser Foot Yielding Heel Connection    |
|                                                   |       | Spring.....                              |
| 18055                                             | 23082 | Presser Foot Yielding Heel Hinge Pin.... |
| 139223                                            | 23082 | Presser Foot (triple hinged) complete    |
|                                                   |       | for 3/16 in. to 1/4 in. gauges, Nos.     |
|                                                   |       | 9610, 139218, 139220 to 139222 and two   |
|                                                   |       | each 665J, 18055 and 139219.....         |
| 139383                                            | 23083 | Presser Foot Plate.....                  |
| 128390                                            | 23083 | " " " Hinge Stud.....                    |
| 665J                                              | 23083 | " " " " " Position                       |
|                                                   |       | Screw.....                               |
| 131705                                            | 23083 | Presser Foot Shank.....                  |
| 131706                                            | 23083 | " " Yielding Heel.....                   |
| 131707                                            | 23083 | " " " " Connection...                    |
| 18055                                             | 23083 | " " " " " Hinge                          |
|                                                   |       | Pin.....                                 |
| 131534                                            | 23083 | Presser Foot Yielding Heel Connection    |
|                                                   |       | Spring.....                              |
| 18055                                             | 23083 | Presser Foot Yielding Heel Hinge Pin.... |
| 139420                                            | 23083 | Presser Foot (triple hinged) complete,   |
|                                                   |       | for 1/4 in. to 3/8 in. gauges, for       |
|                                                   |       | overall work and shirt work, Nos.        |
|                                                   |       | 131534, 131705 to 131707, 139383         |
|                                                   |       | and two each 665J, 18055 and 128390.     |
| Note: When ordering Presser Feet, state gauge re- |       |                                          |
| quired.                                           |       |                                          |
| 190J                                              | 23082 | Presser Foot Screw.....                  |
| 574W                                              | 23085 | Pressure Regulating Thumb Screw.....     |

| No.    | Plate | Name                                     |
|--------|-------|------------------------------------------|
| 1539W  | 23085 | Pressure Regulating Thumb Screw Lock Nut |
| 139390 | 23085 | Slack Thread Regulator.....              |
| 139300 | 23085 | " " " Connecting Link                    |
|        |       | Connecting Stud with 453C.....           |
| 453C   | 23085 | Slack Thread Regulator Connecting Link   |
|        |       | Connecting Stud Set Screw.....           |
| 139299 | 23085 | Slack Thread Regulator Holder.....       |
| 131405 | 23085 | " " " " Crank with                       |
|        |       | 171E.....                                |
| 1423J  | 23085 | Slack Thread Regulator Holder Crank Cap  |
|        |       | Screw.....                               |
| 171E   | 23085 | Slack Thread Regulator Holder Crank      |
|        |       | Clamping Screw.....                      |
| 131406 | 23085 | Slack Thread Regulator Holder Crank Con- |
|        |       | necting Link.....                        |
| 217J   | 23085 | Slack Thread Regulator Screw.....        |
| 139275 | 23085 | Tension (looper thread) Body and Thread  |
|        |       | Guide with 42727.....                    |
| 430C   | 23085 | Tension (looper thread) Body Set Screw.. |
| 51486C | 23085 | " " " Regulating Screw                   |
| 1423J  | 23085 | " " " " "                                |
|        |       | Cap Screw.....                           |
| 139140 | 23085 | Tension (looper thread) Regulating Screw |
|        |       | Nut with 42639.....                      |
| 42639  | 23085 | Tension (looper thread) Regulating Screw |
|        |       | Nut Position Pin.....                    |
| 59534  | 23085 | Tension (looper thread) Spring.....      |
| 139276 | 23085 | " " " Tension Plate...                   |
| 42727  | 23085 | " " " " " Po-                            |
|        |       | sition Pin.....                          |
| 139278 | 23085 | Tension (looper thread) complete, Nos.   |
|        |       | 1423J, 51486C, 59534, 139140, 139275 and |
|        |       | three 139276.....                        |
| 54070  | 23085 | Tension (needle thread) Bracket.....     |
| 376J   | 23085 | " " " " Screw...                         |
| 2102   | 23085 | " " " Disc.....                          |
| 139307 | 23085 | " " " Nipper Body and                    |
|        |       | Thread Guide with 13538.....             |
| 1149C  | 23085 | Tension (needle thread) Nipper Body Set  |
|        |       | Screw.....                               |
| 139308 | 23076 | Tension (needle thread) Nipper Cam with  |
|        |       | two 456C.....                            |
| 456C   | 23076 | Tension (needle thread) Nipper Cam Set   |
|        |       | Screw.....                               |
| 139309 | 23085 | Tension (needle thread) Nipper Stud....  |
| 139310 | ----- | " " " " " 139309                         |
|        |       | with 5684 and 139311.....                |
| 13218  | 23085 | Tension (needle thread) Nipper Stud      |
|        |       | Spring.....                              |
| 139311 | 23085 | Tension (needle thread) Nipper Stud      |
|        |       | Wearing Sleeve.....                      |

| No.    | Plate | Name                                                                                                          |
|--------|-------|---------------------------------------------------------------------------------------------------------------|
| 5684   | 23085 | Tension (needle thread) Nipper Stud Wear-<br>ing Sleeve Pin.....                                              |
| 1698R  | 23085 | Tension (needle thread) Nipper Stud Nut.                                                                      |
| 59456  | 23085 | " " " " " Washer                                                                                              |
| 139276 | 23085 | " " " " " Tension<br>Plate.....                                                                               |
| 13538  | 23085 | Tension (needle thread) Nipper Tension<br>Plate Position Pin.....                                             |
| 139373 | 23085 | Tension (needle thread) Nipper complete,<br>Nos. 1698R, 13218, 59456, 139307, 139310<br>and three 139276..... |
| 51570C | 23085 | Tension (needle thread) Regulating Thumb<br>Nut.....                                                          |
| 32572  | 23085 | Tension (needle thread) Releasing Disc..                                                                      |
| 54988  | 23085 | " " " " " Pin...                                                                                              |
| 54071  | 23085 | " " " " " Shaft.                                                                                              |
| 54872  | 23085 | " " " " " "                                                                                                   |
|        |       | Crank with 624C.....                                                                                          |
| 139143 | 23085 | Tension (needle thread) Releasing Shaft<br>Crank Connecting Link.....                                         |
| 110C   | 23085 | Tension (needle thread) Releasing Shaft<br>Crank Connecting Link Hinge Screw...                               |
| 624C   | 23085 | Tension (needle thread) Releasing Shaft<br>Crank Set Screw.....                                               |
| 316C   | 23085 | Tension (needle thread) Releasing Shaft<br>Stop Screw.....                                                    |
| 1547J  | 23085 | Tension (needle thread) Releasing Shaft<br>Stop Screw Nut.....                                                |
| 50326C | 23085 | Tension (needle thread) Screw Stud.....                                                                       |
| 59539  | ----- | " " " " " 50326C<br>with 51570C.....                                                                          |
| 131741 | 23085 | Tension (needle thread) Spring.....                                                                           |
| 59537  | 23085 | " " " " " Bushing<br>(large).....                                                                             |
| 59538  | 23085 | Tension (needle thread) Spring Bushing<br>(small).....                                                        |
| 131696 | 23085 | Tension (needle thread) Thread Guide<br>(double).....                                                         |
| 139144 | 23076 | Thread (looper) Take-up with two 1266C..                                                                      |
| 139145 | 23076 | " " " " " Cover.....                                                                                          |
| 139146 | 23076 | " " " " " Hinge Pin.                                                                                          |
| 139147 | 23076 | " " " " " Lock Spring                                                                                         |
| 51282J | 23076 | " " " " " " "                                                                                                 |
|        |       | Screw.....                                                                                                    |
| 1250C  | 23076 | Thread (looper) Take-up Cover Position<br>Screw Stud.....                                                     |
| 1266C  | 23076 | Thread (looper) Take-up Set Screw.....                                                                        |
| 139148 | 23076 | " " " " " Stripper.....                                                                                       |
| 139149 | 23076 | " " " " " Plate..                                                                                             |
| 139279 | 23076 | " " " " " "                                                                                                   |
|        |       | Bracket.....                                                                                                  |

| No.    | Plate | Name                                                                                                                                                                                   |
|--------|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 139280 | 23076 | Thread (looper) Take-up Stripper Plate<br>Bracket 139279 with 219J, 237J, 240J,<br>7071, 51282J, 139145 to 139149, 139152<br>to 139157 and two each 203J, 207J,<br>665J and 17022..... |
| 175E   | 23076 | Thread (looper) Take-up Stripper Plate<br>Bracket Screw.....                                                                                                                           |
| 207J   | 23076 | Thread (looper) Take-up Stripper Plate<br>Screw.....                                                                                                                                   |
| 139152 | 23076 | Thread (looper) Take-up Stripper Plate<br>Thread Guard.....                                                                                                                            |
| 665J   | 23076 | Thread (looper) Take-up Stripper Plate<br>Thread Guard Screw.....                                                                                                                      |
| 203J   | 23076 | Thread (looper) Take-up Stripper Screw..                                                                                                                                               |
| 17022  | 23076 | " " " " " "                                                                                                                                                                            |
|        |       | Washer.....                                                                                                                                                                            |
| 139153 | 23076 | Thread (looper) Take-up Thread Guard<br>(fiberglass).....                                                                                                                              |
| 139154 | 23076 | Thread (looper) Take-up Thread Guide<br>(left).....                                                                                                                                    |
| 237J   | 23076 | Thread (looper) Take-up Thread Guide<br>(left) Screw.....                                                                                                                              |
| 139155 | 23076 | Thread (looper) Take-up Thread Guide<br>(right).....                                                                                                                                   |
| 219J   | 23076 | Thread (looper) Take-up Thread Guide<br>(right) Screw.....                                                                                                                             |
| 7071   | 23076 | Thread (looper) Take-up Thread Guide<br>(right) Screw Washer.....                                                                                                                      |
| 139156 | 23076 | Thread (looper) Take-up Thread Separator                                                                                                                                               |
| 139157 | 23076 | " " " " " "                                                                                                                                                                            |
|        |       | Thread Retainer.....                                                                                                                                                                   |
| 240J   | 23076 | Thread (looper) Take-up Thread Separator<br>Thread Retainer Screw.....                                                                                                                 |
| 139158 | 23085 | Thread (looper) Thread Guide (left)....                                                                                                                                                |
| 229J   | 23085 | " " " " " " Screw                                                                                                                                                                      |
| 139158 | 23085 | " " " " " " (right)....                                                                                                                                                                |
| 229J   | 23085 | " " " " " " " Screw                                                                                                                                                                    |
| 139159 | 23085 | " " " " " " Bracket....                                                                                                                                                                |
| 176J   | 23085 | " " " " " " " Screw                                                                                                                                                                    |
| 139160 | 23085 | " " " " " " " Sup-<br>port.....                                                                                                                                                        |
| 202J   | 23085 | Thread (looper) Thread Guide Bracket<br>Support Screw (lower).....                                                                                                                     |
| 237J   | 23085 | Thread (looper) Thread Guide Bracket<br>Support Screw (upper).....                                                                                                                     |
| 139162 | 23085 | Thread (looper) Thread Tube (belt guard)<br>Bushings.....                                                                                                                              |
| 203J   | 23085 | Thread (looper) Thread Tube (belt guard)<br>Seat Screw.....                                                                                                                            |
| 139164 | 23085 | Thread (looper) Thread Tube (belt guard)<br>with four 139162.....                                                                                                                      |



| No.    | Plate | Name                                                                                  |
|--------|-------|---------------------------------------------------------------------------------------|
| 139167 | 23085 | Thread (looper) Thread Tube (front of bed) Bushing.....                               |
| 139168 | 23085 | Thread (looper) Thread Tube (front of bed) with 18191 and four 139167.....            |
| 139169 | 23085 | Thread (looper) Thread Tube (front of bed) Cover.....                                 |
| 139170 | 23085 | Thread (looper) Thread Tube (front of bed) Cover 139169 with 139171 and two 229J..... |
| 139171 | 23085 | Thread (looper) Thread Tube (front of bed) Cover Catch.....                           |
| 229J   | 23085 | Thread (looper) Thread Tube (front of bed) Cover Catch Screw.....                     |
| 139172 | 23085 | Thread (looper) Thread Tube (front of bed) Cover Hinge Plate.....                     |
| 176J   | 23085 | Thread (looper) Thread Tube (front of bed) Cover Hinge Plate Screw.....               |
| 12162  | 23085 | Thread (looper) Thread Tube (front of bed) Cover Hinge Pin.....                       |
| 139173 | 23085 | Thread (looper) Thread Tube (front of bed) Cover Lock Spring.....                     |
| 18191  | 23085 | Thread (looper) Thread Tube (front of bed) Cover Lock Spring Position Pin.            |
| 139174 | 23085 | Thread (looper) Thread Tube (front of bed) Cover Lock Spring Reinforcing Plate.....   |
| 202J   | 23085 | Thread (looper) Thread Tube (front of bed) Cover Lock Spring Screw.....               |
| 139281 | 23080 | Thread (looper) Thread Tube (side of bed).....                                        |
| 139177 | 23085 | Thread (needle) Eyelet.....                                                           |
| 207J   | 23085 | " " " Screw.....                                                                      |
| 139391 | 23085 | " " Take-up with 202E.....                                                            |
| 202E   | 23085 | " " " Clamping Screw..                                                                |
| 54095  | 23085 | " " " Plate.....                                                                      |
| 68164  | 23085 | " " " " Spring....                                                                    |
| 1449J  | 23085 | " " " " " Screw                                                                       |
| 139392 | 23085 | Thread (needle) Take-up complete, Nos. 1449J, 54095, 68164 and 139391.....            |
| 139393 | 23085 | Thread (needle) Take-up (auxiliary)....                                               |
| 131496 | 23085 | " " " " " Clamp                                                                       |
| 997J   | 23085 | " " " " " " Screw.....                                                                |
| 139158 | 23085 | Thread (needle) Thread Guide (left)....                                               |
| 229J   | 23085 | " " " " " " Screw                                                                     |
| 139158 | 23085 | " " " " " (right)....                                                                 |
| 229J   | 23085 | " " " " " " Screw                                                                     |
| 139180 | 23085 | " " " " " Bracket....                                                                 |
| 139416 | 23080 | " Cutter (knife).....                                                                 |
| 139417 | 23080 | " " " " Guard.....                                                                    |

| No.                                                      | Plate | Name                                                                       |
|----------------------------------------------------------|-------|----------------------------------------------------------------------------|
| 50318W                                                   | 23080 | Thread Cutter Screw.....                                                   |
| 139186                                                   | 23083 | Throat Plate, for 1/4 in. to 3/8 in. gauges, for 139049.....               |
| 139385                                                   | 23083 | Throat Plate, for 1/4 in. to 3/8 in. gauges, for 139382, 139414 and 139415 |
| 139389                                                   | 23082 | Throat Plate, for 3/16 in. and 7/32 in. gauges, for 139388.....            |
| Note: When ordering Throat Plates, state gauge required. |       |                                                                            |
| 691F                                                     | 23082 | 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. 231-8

For Lap Seam Felling Work Shirts, Overalls, Trousers, etc., of medium and medium heavy weight materials. The machine has Two needles and two loopers. Feed off the arm two-thread chain-stitch. Range of gauges  $\frac{3}{16}$  inch to  $\frac{3}{8}$  inch, in steps of  $\frac{1}{32}$  inch. The standard gauges are  $\frac{3}{16}$  inch,  $\frac{1}{4}$  inch and  $\frac{5}{16}$  inch. Gauges in the range but not standard, can be furnished if required. Upper Thread Nipper and Slack Thread Controller. Drop Feed. Arm and bed rotary shafts are equipped with ball bearings. An oiling system automatically oils all the principal bearings and moving parts of the feed and looper mechanism. The needle bar driving mechanism is automatically oiled by an oil cup (sight feed) located on the balance wheel end of the arm rotary shaft. Needle bar stroke  $1\frac{5}{16}$  inch. Length of stitch 6 to 18 to the inch. Speed 3600 R. P. M.

NOTE: THIS MACHINE IS THE SAME AS THE 231-7 MACHINE  
WITH THE FOLLOWING EXCEPTIONS:

| No.    | Plate | Name                                                                          |
|--------|-------|-------------------------------------------------------------------------------|
| 139374 | ----- | Arm Rotary Shaft 139283 with 139308 and 139376, in place of 139284.....       |
| 139375 | 23077 | Arm Rotary Shaft Crank with 1036C, 1259C and two 1149C, in place of 139199... |
| 139376 | ----- | Arm Rotary Shaft Crank 139375 with 139103, in place of 139228.....            |
| 139418 | 23077 | Balance Wheel, 3 in. pulley, with two 51283C, in place of 139011.....         |
| 139377 | 23081 | Needle Bar (hollow) in place of 139099..                                      |
| 139373 | ----- | Needle Bar complete, Nos. 139116 and 139377, in place of 139100.....          |
| 139379 | 23081 | Needle Bar Bushing (lower) in place of 139101.....                            |
| 1259C  | 23077 | Needle Bar Connecting Link Hinge Stud Set Screw (short).....                  |
| 139412 | 23081 | Needle Bar Guide, in place of 139113....                                      |

## ACCESSORIES

| No.    | Plate | Name                                   |
|--------|-------|----------------------------------------|
| 120344 | 23086 | Oiler (copper plated) with 120345..... |
| 120345 | 23086 | " Spout, 4 1/2 in. long.....           |
| 120440 | 23086 | Screw Driver (large).....              |
| 121108 | 23086 | " " (small).....                       |
| 120341 | 23086 | Tweezers (curved).....                 |
| 23535  | 23086 | Wrench.....                            |

## BELT GUARDS

| No.    | Plate | Name                                                                                                                           |
|--------|-------|--------------------------------------------------------------------------------------------------------------------------------|
| 139398 | 23087 | Belt Guard with two 146R, for use with Individual Motors and Low Shaft Power Table.....                                        |
| 139217 | 23087 | Belt Guard with two wood screws $\frac{3}{4}$ in. No. 9 R.H., for use with Singer Universal Safety Power Table.....            |
| 152004 | 23087 | Belt Guard with two wood screws 1 in. No. 10 R.H.M.F.O. and A. for Series S 39, S 49, S 59 and S 69 Electric Transmitters..... |
| 146R   | 23087 | Belt Guard Screw.....                                                                                                          |

## FOOT LIFTER AND STARTING TREADLE PARTS\*

### FOR INDIVIDUAL MOTORS

| No.                                                  | Plate | Name                                                          |
|------------------------------------------------------|-------|---------------------------------------------------------------|
| 6439                                                 | 23088 | Foot Lifter Chain, 36 in. to 45 in. with 56864 and 56865..... |
| Note: When ordering No. 6439, state length required. |       |                                                               |
| 4879                                                 | 23088 | Foot Lifter Chain Connecting Link.....                        |
| 56864                                                | 23088 | " " " Hook (large).....                                       |
| 56865                                                | 23088 | " " " " (small).....                                          |
| 150212                                               | 23088 | " " Treadle.....                                              |
| 150487                                               | 23088 | Starting Treadle with two 140215C.....                        |
| 140215C                                              | 23088 | " " Set Screw.....                                            |
| 150488                                               | 23088 | " " Shaft.....                                                |
| 150489                                               | 23088 | " " " Arm with two 140215C.....                               |

| No.     | Plate | Name                                                                                                                 |
|---------|-------|----------------------------------------------------------------------------------------------------------------------|
| 140215C | 23088 | Starting Treadle Shaft Arm Set Screw....                                                                             |
| 46681   | ----- | " " " Bracket.....                                                                                                   |
| 60502   | 23088 | " " " " 46681 with<br>two wood screws 1 in. No. 14.....                                                              |
| 150216  | 23088 | Starting Treadle Shaft Collar with two<br>445C.....                                                                  |
| 445C    | 23088 | Starting Treadle Shaft Collar Set Screw.                                                                             |
| 150490  | 23088 | " " Spacing Collar.....                                                                                              |
| 150491  | ----- | Starting and Foot Lifter Treadle com-<br>plete, Nos. 4879,6439,150212,150216,<br>150487 to 150490 and two 60502..... |

## FOOT LIFTER AND STARTING TREADLE PARTS

## FOR UNIVERSAL SAFETY POWER TABLE

| No.    | Plate | Name                                                                                               |
|--------|-------|----------------------------------------------------------------------------------------------------|
| 67819  | 23088 | Treadle Pitman Rod (lower).....                                                                    |
| 67820  | 23088 | " " " (upper).....                                                                                 |
| 80223  | 23088 | " " " Clamp with 361C.....                                                                         |
| 361C   | 23088 | " " " Set Screw.....                                                                               |
| 150208 | 23088 | " " " Spring.....                                                                                  |
| 2762   | 23088 | " " " Collar with<br>362C.....                                                                     |
| 362C   | 23088 | Treadle Pitman Rod Spring Collar Set<br>Screw.....                                                 |
| 23250  | 23088 | Treadle Pitman Rod Spring Washer.....                                                              |
| 126684 | 23088 | Treadle Pitman Rod complete, Nos. 2762,<br>67819,67820,80223 and two each 23250<br>and 150208..... |
| 150497 | 23088 | Starting and Foot Lifter Treadle with<br>Pitman complete, Nos. 126684 and<br>150491.....           |

## FOOT LIFTER AND STARTING TREADLE PARTS

## FOR LOW SHAFT POWER TABLE

## FOR UNDER DRIVER NO. 150499

| No.   | Plate | Name                       |
|-------|-------|----------------------------|
| 27639 | 23089 | Treadle Pitman Rod.....    |
| 80223 | 23089 | " " " Clamp with 361C..... |

| No.    | Plate | Name                                                                                    |
|--------|-------|-----------------------------------------------------------------------------------------|
| 361C   | 23089 | Treadle Pitman Rod Clamp Set Screw.....                                                 |
| 60626  | 23089 | Treadle Pitman Rod complete, Nos. 80223<br>and two 27639.....                           |
| 150498 | 23089 | Starting and Foot Lifter Treadle with<br>Pitman complete, Nos. 60626 and<br>150491..... |

## FRONT PLANKS

| No.    | Plate | Name                                                                                                                                                                                    |
|--------|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 135060 | ----- | Front Plank, 1 5/8 in. thick, 19 in.<br>wide, 46 1/2 in. long, for Series<br>1500, 1900 and 2900 Motors, for Uni-<br>versal Electric Transmitter Tables..                               |
| 135061 | ----- | Front Plank, 1 5/8 in. thick, 19 in.<br>wide, 48 in. long, for Series 1500,<br>1900 and 2900 Motors, for Electric<br>Transmitter Tables (cast iron legs)                                |
| 135062 | ----- | Front Plank, 1 5/8 in. thick, 19 in.<br>wide, 46 1/2 in. long, for Series<br>1700 Motors, for Universal Electric<br>Transmitter Tables.....                                             |
| 135063 | ----- | Front Plank, 1 5/8 in. thick, 19 in.<br>wide, 48 in. long, for Series 1700<br>Motors, for Electric Transmitter<br>Tables (cast iron legs).....                                          |
| 135064 | ----- | Front Plank, 1 5/8 in. thick, 19 in.<br>wide, 46 1/2 in. long, for Series<br>S 39, S 49, S 59 and S 69 Electric<br>Transmitters, for Universal Electric<br>Transmitter Tables.....      |
| 135065 | ----- | Front Plank, 1 5/8 in. thick, 19 in.<br>wide, 48 in. long, for Series S 39,<br>S 49, S 59 and S 69 Electric Trans-<br>mitters, for Electric Transmitter<br>Tables (cast iron legs)..... |
| 135098 | ----- | Front Plank, 1 5/8 in. thick, 19 in.<br>wide, 46 1/2 in. long, for Universal<br>Safety Power Table.....                                                                                 |
| 135068 | ----- | Front Plank, 1 5/8 in. thick, 19 in.<br>wide, 46 1/2 in. long, for Universal<br>Low Shaft Power Table.....                                                                              |
| 135069 | ----- | Front Plank, 1 5/8 in. thick, 19 in.<br>wide, 48 in. long, for Old Style Low<br>Shaft Power Table.....                                                                                  |

## IDLERS

### IDLER (ADJACENT TO BALANCE WHEEL)

| No.    | Plate | Name                                                                         |
|--------|-------|------------------------------------------------------------------------------|
| 150480 | 23090 | Bracket with 1448C.....                                                      |
| 150481 | 23090 | Pulley.....                                                                  |
| 150482 | 23090 | " Shaft.....                                                                 |
| 150483 | 23090 | " " Ball Bearing.....                                                        |
| 150484 | 23090 | " " " " Cover.....                                                           |
| 150485 | 23090 | " " " " " Gasket<br>(cork).....                                              |
| 330R   | 23090 | Pulley Shaft Ball Bearing Cover Screw...                                     |
| 144D   | 23090 | " " Cap Screw.....                                                           |
| 130328 | 23090 | " " Oil Cup.....                                                             |
| 1448C  | 23090 | " " Set Screw.....                                                           |
| 150496 | 23090 | Pulley and Shaft complete, Nos. 144D,<br>150481 to 150485 and four 330R..... |
| 150486 | 23090 | Idler complete, Nos. 130328, 150480,<br>150496 and two 51183R.....           |
| 51183R | 23090 | Idler Screw.....                                                             |

### IDLER

#### FOR UNDER THE TABLE FOR SINGER UNIVERSAL SAFETY POWER TABLE

| No.    | Plate | Name                                                          |
|--------|-------|---------------------------------------------------------------|
| 150528 | 23090 | Idler Base with 356C.....                                     |
| 150481 | 23090 | " Pulley.....                                                 |
| 150482 | 23090 | " " Shaft.....                                                |
| 150483 | 23090 | " " " Ball Bearing.....                                       |
| 150484 | 23090 | " " " " " Cover...                                            |
| 150485 | 23090 | " " " " " Gas-<br>ket (cork).....                             |
| 330R   | 23090 | Idler Pulley Shaft Ball Bearing Cover<br>Screw.....           |
| 150529 | 23090 | Idler Pulley Shaft Bracket (lower) with<br>168C and 692C..... |
| 692C   | 23090 | Idler Pulley Shaft Bracket (lower)<br>Clamping Screw.....     |

| No.    | Plate | Name                                                                                                    |
|--------|-------|---------------------------------------------------------------------------------------------------------|
| 150530 | 23090 | Idler Pulley Shaft Bracket (upper) with<br>168C and 692C.....                                           |
| 692C   | 23090 | Idler Pulley Shaft Bracket (upper)<br>Clamping Screw.....                                               |
| 150531 | 23090 | Idler Pulley Shaft Bracket Shaft.....                                                                   |
| 356C   | 23090 | " " " " " Set Screw                                                                                     |
| 144D   | 23090 | " " " Cap Screw.....                                                                                    |
| 168C   | 23090 | " " " Set Screw.....                                                                                    |
| 150496 | 23090 | Idler Pulley and Shaft complete, Nos.<br>144D, 150481 to 150485 and four 330R                           |
| 150532 | 23090 | Idler complete, Nos. 150528 to 150531,<br>two 150496 and three wood screws<br>1 1/4 in. No. 12 F.H..... |
| 150533 | 23090 | Idler Guard with two wood screws 3/4 in.<br>No. 9 R.H., for 150532.....                                 |

## LAP SEAM FELLERS

| No.    | Plate | Name                                                                                                       |
|--------|-------|------------------------------------------------------------------------------------------------------------|
| 121628 | 23091 | Lap Seam Feller (adjustable) on Shank,<br>for medium heavy and heavy weight<br>material.....               |
| 121629 | 23091 | Lap Seam Feller on Shank with Yielding<br>Lower Scroll, for medium heavy and<br>heavy weight material..... |
| 121449 | 23091 | Lap Seam Feller Clamping Plate.....                                                                        |
| 1443B  | 23091 | " " " Screw.....                                                                                           |
| 139366 | 23091 | " " " Slide.....                                                                                           |

## MACHINE CUSHIONS

| No.    | Plate | Name                                           |
|--------|-------|------------------------------------------------|
| 139190 | 23086 | Machine Cushion (round rubber).....            |
| 139191 | 23086 | " Mounting Cushion (moulded rubber)            |
| 51069R | 23086 | " " " Bolt with 51581R                         |
| 51581R | 23086 | " " " " " Nut.....                             |
| 2807   | 23086 | " " " " " Washer.                              |
| 146R   | 23086 | " Screw, for mounting machine to<br>table..... |

## THREAD UNWINDER

### FOR FOUR CONES

| No.    | Plate | Name                                                                                                                                                                                                       |
|--------|-------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 150364 | 23092 | Base with two 437C.....                                                                                                                                                                                    |
| 150365 | 23092 | Rod.....                                                                                                                                                                                                   |
| 437C   | 23092 | " Set Screw.....                                                                                                                                                                                           |
| 150366 | 23092 | Thread Cone Holder.....                                                                                                                                                                                    |
| 164J   | 23092 | " " " Screw.....                                                                                                                                                                                           |
| 19020  | 23092 | " " " " Washer.....                                                                                                                                                                                        |
| 150367 | 23092 | " " " Support.....                                                                                                                                                                                         |
| 51082R | 23092 | " " " " Screw with<br>51581R.....                                                                                                                                                                          |
| 51581R | ----- | Thread Cone Holder Support Screw Nut....                                                                                                                                                                   |
| 150368 | 23092 | " " Steady Wire.....                                                                                                                                                                                       |
| 150369 | 23092 | "* Guide.....                                                                                                                                                                                              |
| 178J   | 23092 | " " Screw.....                                                                                                                                                                                             |
| 150370 | 23092 | Thread Unwinder complete, for inverted<br>cones, Nos. 178J, 51082R, 150364,<br>150365, 150367, 150369, three wood<br>screws, 1 1/2 in. No. 16 F.H. and<br>four each 164J, 19020, 150366 and<br>150368..... |

## THREAD UNWINDER SPOOL RESTS

### FOR USE WHEN SPOOLS ARE USED

### IN PLACE OF CONES OF THREAD

### FOR USE WITH THREAD UNWINDER NO. 150370

| No.    | Plate | Name                                                                                               |
|--------|-------|----------------------------------------------------------------------------------------------------|
| 150647 | 23092 | Spool Rest with 178J.....                                                                          |
| 150203 | 23092 | " " Cushion (felt).....                                                                            |
| 150649 | 23092 | " " Rod.....                                                                                       |
| 178J   | 23092 | " " " Set Screw.....                                                                               |
| 178J   | 23092 | " " Set Screw.....                                                                                 |
| 150662 | 23092 | Spool Rest complete (for four spools)<br>Nos. 178J, 150649 and four each<br>150203 and 150647..... |



# NUMERICAL LIST OF PARTS

## NUMERICAL LIST OF PARTS

| No.  | Plate | Name                                                                            |
|------|-------|---------------------------------------------------------------------------------|
| 110C | 23085 | Tension (needle thread) Releasing Shaft<br>Crank Connecting Link Hinge Screw... |
| 116E | 23078 | Arm Screw.....                                                                  |
| 122E | 23080 | Looper Avoiding Eccentric Forked Con-<br>nection Bracket Screw.....             |
| 131C | 23076 | Oil Cup Body Cap Retainer Screw for<br>139126.....                              |
| 144D | 23090 | Idler Pulley Shaft Cap Screw for 150496.                                        |
| 146R | 23087 | Belt Guard Screw for 139398.....                                                |
| 146R | 23086 | Machine Screw for mounting machine to<br>table.....                             |
| 157J | 23080 | Feed Lifting Eccentric Forked Connection<br>Screw.....                          |
| 164J | 23092 | Thread Unwinder Thread Cone Holder Screw<br>for 150370.....                     |
| 168C | 23090 | Idler Pulley Shaft Set Screw for 150529<br>and 150530.....                      |
| 171E | 23085 | Slack Thread Regulator Holder Crank<br>Clamping Screw for 131405.....           |
| 172E | 23080 | Looper Holder Clamping Screw for 139093.                                        |
| 175E | 23080 | Looper Driving Arm Connection Cap (low-<br>er) Screw for 139066.....            |
| 175E | 23080 | Looper Driving Arm Connection Cap<br>(upper) Screw for 139066.....              |
| 175E | 23080 | Needle Bar Connecting Stud Clamping<br>Screw for 139108.....                    |
| 175E | 23076 | Thread (looper) Take-up Stripper Plate<br>Bracket Screw.....                    |
| 176J | 23085 | Thread (looper) Thread Guide Bracket<br>Screw.....                              |
| 176J | 23085 | Thread (looper) Thread Tube (front of<br>bed) Cover Hinge Plate Screw.....      |
| 178J | 23092 | Thread Unwinder Thread Guide Screw for<br>150370.....                           |
| 178J | 23092 | Thread Unwinder Spool Rest Rod Set Screw<br>for 150662.....                     |
| 178J | 23092 | Thread Unwinder Spool Rest Set Screw for<br>150647.....                         |
| 190J | 23079 | Looper Gate Retaining Spring Screw.....                                         |
| 190J | 23082 | Presser Foot Screw.....                                                         |
| 202R | 23076 | Bed Rotary Shaft Ball Bearing (left)<br>Cover Screw.....                        |
| 202J | 23085 | Thread (looper) Thread Guide Bracket<br>Support Screw (lower).....              |
| 202J | 23085 | Thread (looper) Thread Tube (front of<br>bed) Cover Lock Spring Screw.....      |
| 202E | 23085 | Thread (needle) Take-up Clamping Screw<br>for 139391.....                       |

## NUMERICAL LIST OF PARTS

| No.  | Plate | Name                                                                          |
|------|-------|-------------------------------------------------------------------------------|
| 203J | 23076 | Thread (looper) Take-up Stripper Screw for 139280.....                        |
| 203J | 23085 | Thread (looper) Thread Tube (belt guard) Seat Screw.....                      |
| 206J | 23080 | Looper Thread Guide Screw.....                                                |
| 207J | 23076 | Thread (looper) Take-up Stripper Plate Screw for 139280.....                  |
| 207J | 23085 | Thread (needle) Eyelet Screw.....                                             |
| 217J | 23080 | Feed Eccentric Clamping Washer Screw for 139052.....                          |
| 217J | 23085 | Slack Thread Regulator Screw.....                                             |
| 219J | 23076 | Thread (looper) Take-up Thread Guide (right) Screw for 139280.....            |
| 229J | 23085 | Thread (looper) Thread Guide (left) Screw.....                                |
| 229J | 23085 | Thread (looper) Thread Guide (right) Screw.....                               |
| 229J | 23085 | Thread (looper) Thread Tube (front of bed) Cover Catch Screw for 139170...    |
| 229J | 23085 | Thread (needle) Thread Guide (left) Screw.....                                |
| 229J | 23085 | Thread (needle) Thread Guide (right) Screw.....                               |
| 237J | 23076 | Thread (looper) Take-up Thread Guide (left) Screw for 139280.....             |
| 237J | 23085 | Thread (looper) Thread Guide Bracket Support Screw (upper).....               |
| 240J | 23076 | Thread (looper) Take-up Thread Separator Thread Retainer Screw for 139280.... |
| 316C | 23085 | Tension (needle thread) Releasing Shaft Stop Screw.....                       |
| 330R | 23090 | Idler Pulley Shaft Ball Bearing Cover Screw for 150496.....                   |
| 330W | 23080 | Needle Bar Thread Guide Screw.....                                            |
| 356C | 23090 | Idler Pulley Shaft Bracket Shaft Set Screw for 150528.....                    |
| 361C | 23088 | Treadle Pitman Rod Clamp Set Screw for 80223.....                             |
| 362C | 23088 | Treadle Pitman Rod Spring Collar Set Screw for 2762.....                      |
| 376J | 23085 | Tension (needle thread) Bracket Screw...                                      |
| 391C | 23080 | Face Plate (lower half) Screw.....                                            |
| 430C | 23085 | Tension (looper thread) Body Set Screw..                                      |
| 435C | 23080 | Looper Holder Shaft Bushing (back) Set Screw.....                             |
| 435C | 23080 | Looper Holder Shaft Bushing (front) Set Screw.....                            |
| 437C | 23092 | Thread Unwinder Rod Set Screw for 150364                                      |
| 443C | 23080 | Feed Bar Hinge Pin Set Screw.....                                             |
| 443C | 23080 | Looper Driving Arm Hinge Stud Set Screw.                                      |

## NUMERICAL LIST OF PARTS

| No.   | Plate | Name                                                                          |
|-------|-------|-------------------------------------------------------------------------------|
| 445C  | 23088 | Starting Treadle Shaft Collar Set Screw for 150216.....                       |
| 453C  | 23080 | Needle Guard Holder Set Screw.....                                            |
| 453C  | 23085 | Slack Thread Regulator Connecting Link Connecting Stud Set Screw for 139300   |
| 456C  | 23080 | Looper Eccentric Connection Slide Block Screw Stud Set Screw for 139060.....  |
| 456C  | 23076 | Tension (needle thread) Nipper Cam Set Screw for 139308.....                  |
| 462C  | 23076 | Bed Rotary Shaft Ball Bearing (intermediate) Sleeve Set Screw for 139028....  |
| 574W  | 23085 | Pressure Regulating Thumb Screw.....                                          |
| 624C  | 23085 | Tension (needle thread) Releasing Shaft Crank Set Screw for 54872.....        |
| 665J  | 23082 | Presser Foot Plate Hinge Stud Position Screw for 139223 and 139420.....       |
| 665J  | 23076 | Thread (looper) Take-up Stripper Plate Thread Guard Screw for 139280.....     |
| 691F  | 23082 | Throat Plate Screw.....                                                       |
| 692C  | 23090 | Idler Pulley Shaft Bracket (lower) Clamping Screw for 150529.....             |
| 692C  | 23090 | Idler Pulley Shaft Bracket (upper) Clamping Screw for 150530.....             |
| 783E  | 23078 | Bed Extension Screw.....                                                      |
| 802D  | 23085 | Presser Bar Lifting Lever Hinge Screw...                                      |
| 807D  | 23085 | " " " Bracket Lifter Hinge Screw.....                                         |
| 997J  | 23085 | Thread (needle) Take-up (auxiliary) Clamp Screw.....                          |
| 1036C | 23076 | Needle Bar Connecting Link Hinge Stud Set Screw for 139199 and 139375.....    |
| 1047C | 23080 | Looper Driving Arm Connecting Link Hinge Pin Set Screw for 139082 and 139073. |
| 1053E | 23080 | Face Plate (upper half) Position Plate Screw.....                             |
| 1057E | 23080 | Looper Driving Arm Connection Crank Clamping Screw for 139069.....            |
| 1057C | 23080 | Needle Bar Connecting Stud Slide Block Guide Screw.....                       |
| 1057E | 23080 | Presser Bar Lifting Bracket Clamping Screw for 139130.....                    |
| 1133E | 23080 | Needle Bar Bushing (lower) Set Screw....                                      |
| 1133E | 23080 | " " Guide Set Screw.....                                                      |
| 1133E | 23080 | Presser Bar Bushing (lower) Set Screw...                                      |
| 1133E | 23080 | " " " (upper) Set Screw...                                                    |
| 1149C | 23076 | Arm Rotary Shaft Crank Set Screw for 139199 and 139375.....                   |
| 1149C | 23085 | Tension (needle thread) Nipper Body Set Screw.....                            |
| 1167E | 23080 | Needle Guard Screw.....                                                       |

| No.   | Plate | Name                                                                                |
|-------|-------|-------------------------------------------------------------------------------------|
| 1250C | 23076 | Thread (looper) Take-up Cover Position Screw Stud.....                              |
| 1253C | 23080 | Looper Eccentric Connection Slide Block Screw Stud Collar Set Screw for 139076..... |
| 1255E | 23082 | Feed Dog Screw.....                                                                 |
| 1259C | 23080 | Looper Eccentric and Feed Lifting Eccentric Set Screw for 139072.....               |
| 1259C | 23077 | Needle Bar Connecting Link Hinge Stud Set Screw (short) for 139375.....             |
| 1266C | 23076 | Thread (looper) Take-up Set Screw for 139144.....                                   |
| 1324C | 23080 | Looper Avoiding Eccentric Forked Connection Crank Clamping Screw for 139257         |
| 1423J | 23085 | Slack Thread Regulator Holder Crank Cap Screw.....                                  |
| 1423J | 23085 | Tension (looper thread) Regulating Screw Cap Screw for 139278.....                  |
| 1443B | 23091 | Lap Seam Feller Screw.....                                                          |
| 1448C | 23090 | Idler Pulley Shaft Set Screw for 150480.                                            |
| 1449J | 23085 | Thread (needle) Take-up Plate Spring Screw for 139392.....                          |
| 1454E | 23080 | Looper Holder Shaft Collar Clamping Screw for 139097.....                           |
| 1480D | 23076 | Bed Rotary Shaft Screw (left).....                                                  |
| 1498F | 23080 | Needle Set Screw for 139116.....                                                    |
| 1520J | 23080 | Feed Bar Hinge Pin Set Screw Lock Nut...                                            |
| 1520J | 23080 | Looper Driving Arm Connection Crank Ball Screw Stud Nut.....                        |
| 1539W | 23085 | Pressure Regulating Thumb Screw Lock Nut                                            |
| 1547J | 23085 | Tension (needle thread) Releasing Shaft Stop Screw Nut.....                         |
| 1698R | 23085 | Tension (needle thread) Nipper Stud Nut for 139373.....                             |
| 2102  | 23085 | Tension (needle thread) Disc.....                                                   |
| 2762  | 23088 | Treadle Pitman Rod Spring Collar with 362C, for 126684.....                         |
| 2807  | 23086 | Machine Mounting Cushion Bolt Nut Washer                                            |
| 4879  | 23088 | Foot Lifter Chain Connecting Link for 150491.....                                   |
| 5684  | 23085 | Tension (needle thread) Nipper Stud Wearing Sleeve Pin for 139310.....              |
| 6439  | 23088 | Foot Lifter Chain, 36 in. to 45 in. with 56864 and 56865, for 150491.....           |
| 7071  | 23080 | Feed Eccentric Clamping Washer for 139052.....                                      |
| 7071  | 23076 | Thread (looper) Take-up Thread Guide (right) Screw Washer for 139280.....           |
| 8582  | 23078 | Arm Dowel Pin.....                                                                  |
| 9610  | 23082 | Presser Foot Yielding Heel Connection Spring for 139223.....                        |

| No.    | Plate | Name                                                                                      |
|--------|-------|-------------------------------------------------------------------------------------------|
| 11119  | 23076 | Arm Oil Tube with 52045 (for oiling Tension Needle Thread Nipper).....                    |
| 12162  | 23085 | Thread (looper) Thread Tube (front of bed) Cover Hinge Pin.....                           |
| 13218  | 23085 | Tension (needle thread) Nipper Stud Spring for 139373.....                                |
| 13538  | 23085 | Tension (needle thread) Nipper Tension Plate Position Pin for 139307.....                 |
| *15404 | ----- | Trade Mark for 139282.....                                                                |
| 15405  | ----- | " " Rivet for 139282.....                                                                 |
| 17022  | 23076 | Thread (looper) Take-up Stripper Screw Washer for 139280.....                             |
| 18055  | 23082 | Presser Foot Yielding Heel Connection Hinge Pin for 139223 and 139420.....                |
| 18055  | 23082 | Presser Foot Yielding Heel Hinge Pin for 139223 and 139420.....                           |
| 18191  | 23085 | Thread (looper) Thread Tube (front of bed) Cover Lock Spring Position Pin for 139168..... |
| 19020  | 23092 | Thread Unwinder Thread Cone Holder Screw Washer for 150370.....                           |
| 23250  | 23088 | Treadle Pitman Rod Spring Washer for 126684.....                                          |
| 23535  | 23086 | Wrench (Accessories).....                                                                 |
| 25303  | 23080 | Presser Bar Ball, size 1/4 in. for 139128.....                                            |
| 26276  | 23080 | Looper Position Pin for 139093.....                                                       |
| 27639  | 23089 | Treadle Pitman Rod for 60626.....                                                         |
| 29234  | 23080 | Face Plate (upper half) Position Plate..                                                  |
| 32572  | 23085 | Tension (needle thread) Releasing Disc..                                                  |
| 38456  | 23080 | Presser Bar Bushing (upper).....                                                          |
| 38467  | 23085 | " " Spring (flat).....                                                                    |
| 38468  | 23085 | " " Stud.....                                                                             |
| 42639  | 23085 | Tension (looper thread) Regulating Screw Nut Position Pin for 139140.....                 |
| 42727  | 23085 | Tension (looper thread) Tension Plate Position Pin for 139275.....                        |
| 46681  | ----- | Starting Treadle Shaft Bracket for 60502                                                  |
| 50004C | 23079 | Bed Cover Screw.....                                                                      |
| 50040D | 23076 | " Rotary Shaft Screw (right).....                                                         |
| 50150C | 23080 | Looper Avoiding Eccentric Set Screw for 139058.....                                       |
| 50318W | 23080 | Thread Cutter Screw.....                                                                  |
| 50326C | 23085 | Tension (needle thread) Screw Stud for 59539.....                                         |
| 50328C | 23080 | Feed Regulating Screw for 139052.....                                                     |
| 50411E | 23079 | Bed Cover Gasket Clamping Plate Screw for 139251.....                                     |
| 50422C | 23076 | Arm Rotary Shaft Ball Bearing (back) Case Set Screw.....                                  |



| No.    | Plate | Name                                                                          |
|--------|-------|-------------------------------------------------------------------------------|
| 50422C | 23076 | Bed Rotary Shaft Ball Bearing (right)<br>Case Set Screw.....                  |
| 50608R | 23079 | Bed Cover Hole Plug Screw.....                                                |
| 50608R | 23076 | " Oil Drain Plug Screw.....                                                   |
| 50617B | 23076 | Oil Cup Body Oil Plug Screw for 139126..                                      |
| 51061C | 23080 | Feed Eccentric Body Set Screw for 139052                                      |
| 51069R | 23086 | Machine Mounting Cushion Bolt with<br>51581R.....                             |
| 51082R | 23092 | Thread Unwinder Thread Cone Holder Sup-<br>port Screw with 51581R, for 150370 |
| 51183R | 23090 | Idler Screw for 150486.....                                                   |
| 51185F | 23076 | Arm Rotary Shaft Screw.....                                                   |
| 51224W | 23080 | Face Plate (upper half) Thumb Screw....                                       |
| 51282J | 23076 | Thread (looper) Take-up Cover Lock<br>Spring Screw for 139280.....            |
| 51283C | 23076 | Balance Wheel Set Screw for 139011 and<br>139418.....                         |
| 51485E | 23080 | Looper Clamping Screw for 139093.....                                         |
| 51486C | 23085 | Tension (looper thread) Regulating Screw<br>for 139278.....                   |
| 51570C | 23085 | Tension (needle thread) Regulating Thumb<br>Nut for 59539.....                |
| 51581R | 23086 | Machine Mounting Cushion Bolt Nut for<br>51069R.....                          |
| 51581R | ----- | Thread Unwinder Thread Cone Holder Sup-<br>port Screw Nut for 51082R.....     |
| 52045  | 23076 | Arm Oil Tube Packing (wick) for 11119...                                      |
| 52146  | 23080 | Needle Bar Guide Oil Pad (inside)<br>braided cotton.....                      |
| 54070  | 23085 | Tension (needle thread) Bracket.....                                          |
| 54071  | 23085 | " " " Releasing Shaft.                                                        |
| 54095  | 23085 | Thread (needle) Take-up Plate for 139392                                      |
| 54872  | 23085 | Tension (needle thread) Releasing Shaft<br>Crank with 624C.....               |
| 54988  | 23085 | Tension (needle thread) Releasing Pin...                                      |
| 56864  | 23088 | Foot Lifter Chain Hook (large) for 6439.                                      |
| 56865  | 23088 | " " " " (small) for 6439.                                                     |
| 59019  | 23080 | Needle Bar Thread Guide Screw Washer....                                      |
| 59456  | 23080 | " " Connecting Stud Slide Block<br>Guide Screw Washer.....                    |
| 59456  | 23085 | Tension (needle thread) Nipper Stud<br>Washer for 139373.....                 |
| 59534  | 23085 | Tension (looper thread) Spring for<br>139278.....                             |
| 59537  | 23085 | Tension (needle thread) Spring Bushing<br>(large).....                        |
| 59538  | 23085 | Tension (needle thread) Spring Bushing<br>(small).....                        |
| 59539  | ----- | Tension (needle thread) Screw Stud<br>50326C with 51570C.....                 |

| No.    | Plate | Name                                                                                                            |
|--------|-------|-----------------------------------------------------------------------------------------------------------------|
| 60502  | 23088 | Starting Treadle Shaft Bracket 46681<br>with two wood screws 1 in.No.14, for<br>150491.....                     |
| 60626  | 23089 | Treadle Pitman Rod complete for 150498,<br>Nos. 80223 and two 27639.....                                        |
| 67819  | 23088 | Treadle Pitman Rod (lower) for 126684...                                                                        |
| 67820  | 23088 | " " " (upper) for 126684...                                                                                     |
| 68164  | 23085 | Thread (needle) Take-up Plate Spring for<br>139392.....                                                         |
| 68350  | 23076 | Arm Rotary Shaft Ball Bearing (back) Oil<br>Cup.....                                                            |
| 68350  | 23076 | Arm Rotary Shaft Ball Bearing (front)<br>Oil Cup.....                                                           |
| 68350  | 23076 | Bed Rotary Shaft Ball Bearing (right)<br>Oil Cup.....                                                           |
| 80223  | 23088 | Treadle Pitman Rod Clamp with 361C, for<br>60626 and 126684.....                                                |
| 120341 | 23086 | Tweezers (curved) Accessories.....                                                                              |
| 120344 | 23086 | Oiler (copper plated) with 120345 (Ac-<br>cessories).....                                                       |
| 120345 | 23086 | Oiler Spout, 4 1/2 in. long, for 120344.                                                                        |
| 120440 | 23086 | Screw Driver (large) Accessories.....                                                                           |
| 121108 | 23086 | " " (small) Accessories.....                                                                                    |
| 121449 | 23091 | Lap Seam Feller Clamping Plate.....                                                                             |
| 121628 | 23091 | " " " (adjustable) on Shank for<br>medium heavy and heavy weight<br>material.....                               |
| 121629 | 23091 | Lap Seam Feller on Shank with Yielding<br>Lower Scroll for medium heavy and<br>heavy weight material.....       |
| 126684 | 23088 | Treadle Pitman Rod complete for 150497,<br>Nos. 2762, 67819, 67820, 80223 and two<br>each 23250 and 150208..... |
| 128390 | 23083 | Presser Foot Plate Hinge Stud for 139420                                                                        |
| 128551 | 23080 | Looper Driving Arm Connection Crank Ball<br>Screw Stud Nut Lock Washer.....                                     |
| 130328 | 23090 | Idler Pulley Shaft Oil Cup for 150486...                                                                        |
| 131198 | 23085 | Presser Bar Spring (auxiliary).....                                                                             |
| 131319 | 23076 | Arm Rotary Shaft Ball Bearing (back) Oil<br>Cup Oil Pad (braided cotton).....                                   |
| 131319 | 23076 | Arm Rotary Shaft Ball Bearing (front)<br>Oil Cup Oil Pad (braided cotton)....                                   |
| 131319 | 23076 | Bed Rotary Shaft Ball Bearing (right)<br>Oil Cup Oil Pad (braided cotton)....                                   |
| 131405 | 23085 | Slack Thread Regulator Holder Crank with<br>171E.....                                                           |
| 131406 | 23085 | Slack Thread Regulator Holder Crank Con-<br>necting Link.....                                                   |
| 131496 | 23085 | Thread (needle) Take-up (auxiliary)<br>Clamp.....                                                               |

| No.    | Plate | Name                                                                                                                                                                      |
|--------|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 131534 | 23083 | Presser Foot Yielding Heel Connection Spring for 139420.....                                                                                                              |
| 131696 | 23085 | Tension (needle thread) Thread Guide (double).....                                                                                                                        |
| 131705 | 23083 | Presser Foot Shank for 139420.....                                                                                                                                        |
| 131706 | 23083 | " " Yielding Heel for 139420...                                                                                                                                           |
| 131707 | 23083 | " " " " Connection for 139420.....                                                                                                                                        |
| 131741 | 23085 | Tension (needle thread) Spring.....                                                                                                                                       |
| 132231 | 23076 | Bed Rotary Shaft Ball Bearing (left)....                                                                                                                                  |
| 135060 | ----- | Front Plank, 1 5/8 in. thick, 19 in. wide, 46 1/2 in. long, for Series 1500, 1900 and 2900 Motors, for Universal Electric Transmitter Tables..                            |
| 135061 | ----- | Front Plank, 1 5/8 in. thick, 19 in. wide, 48 in. long, for Series 1500, 1900 and 2900 Motors, for Electric Transmitter Tables (cast iron legs).                          |
| 135062 | ----- | Front Plank, 1 5/8 in. thick, 19 in. wide, 46 1/2 in. long, for Series 1700 Motors, for Universal Electric Transmitter Tables.....                                        |
| 135063 | ----- | Front Plank, 1 5/8 in. thick, 19 in. wide, 48 in. long, for Series 1700 Motors, for Electric Transmitter Tables (cast iron legs).....                                     |
| 135064 | ----- | Front Plank, 1 5/8 in. thick, 19 in. wide, 46 1/2 in. long, for Series S 39, S 49, S 59 and S 69 Electric Transmitters, for Universal Electric Transmitter Tables.....    |
| 135065 | ----- | Front Plank, 1 5/8 in. thick, 19 in. wide, 48 in. long, for Series S 39, S 49, S 59 and S 69 Electric Transmitters, for Electric Transmitter Tables (cast iron legs)..... |
| 135068 | ----- | Front Plank, 1 5/8 in. thick, 19 in. wide, 46 1/2 in. long, for Universal Low Shaft Power Table.....                                                                      |
| 135069 | ----- | Front Plank, 1 5/8 in. thick, 19 in. wide, 48 in. long, for Old Style Low Shaft Power Table.....                                                                          |
| 135098 | ----- | Front Plank, 1 5/8 in. thick, 19 in. wide, 46 1/2 in. long, for Universal Safety Power Table.....                                                                         |
| 139003 | 23076 | Arm Rotary Shaft Ball Bearing (back) Case.....                                                                                                                            |
| 139004 | 23076 | Arm Rotary Shaft Ball Bearing (back) Case Nut.....                                                                                                                        |
| 139004 | 23076 | Bed Rotary Shaft Ball Bearing (right) Case Nut.....                                                                                                                       |

| No.    | Plate | Name                                                                                                                                            |
|--------|-------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| 139005 | 23076 | Arm Rotary Shaft Ball Bearing (back) Spacing Collar.....                                                                                        |
| 139006 | 23076 | Arm Rotary Shaft Ball Bearing (front)...                                                                                                        |
| 139007 | 23076 | " " " " Oil Retainer (back).....                                                                                                                |
| 139008 | 23076 | Arm Rotary Shaft Ball Bearing (front) Oil Retainer (front).....                                                                                 |
| 139010 | 23076 | Arm Rotary Shaft Sprocket Wheel with two each 201254C and 202253.....                                                                           |
| 139011 | 23076 | Balance Wheel, 2 in. pulley, with two 51283C, for 231-7 Machine.....                                                                            |
| 139017 | 23079 | Bed Cover Hole Plug Screw Washer.....                                                                                                           |
| 139017 | 23076 | " Oil Drain Plug Screw Washer.....                                                                                                              |
| 139022 | 23079 | " " Gauge.....                                                                                                                                  |
| 139025 | 23076 | " Rotary Shaft.....                                                                                                                             |
| 139026 | 23076 | " " " Ball Bearing (intermediate).....                                                                                                          |
| 139028 | 23076 | Bed Rotary Shaft Ball Bearing (intermediate) Sleeve with two 462C.....                                                                          |
| 139030 | 23076 | Bed Rotary Shaft Ball Bearing (left) Cover.....                                                                                                 |
| 139031 | 23076 | Bed Rotary Shaft Ball Bearing (left) Cover Gasket.....                                                                                          |
| 139032 | 23076 | Bed Rotary Shaft Ball Bearing (right) Case.....                                                                                                 |
| 139033 | 23076 | Bed Rotary Shaft Ball Bearing (right) Spacing Collar.....                                                                                       |
| 139034 | 23078 | Bed Rotary Shaft Belt Guard with two 200363C.....                                                                                               |
| 139035 | 23078 | Bed Rotary Shaft Belt Guard Cover for 139036.....                                                                                               |
| 139036 | 23078 | Bed Rotary Shaft Belt Guard Cover 139035 with 139037.....                                                                                       |
| 139037 | 23078 | Bed Rotary Shaft Belt Guard Cover Gasket (cork) for 139036.....                                                                                 |
| 139038 | 23076 | Bed Rotary Shaft Sprocket Wheel with 202253 and two 201254C.....                                                                                |
| 139039 | 23080 | Face Plate (lower half).....                                                                                                                    |
| 139040 | 23080 | " " " " Gasket (cork)...                                                                                                                        |
| 139041 | 23080 | " " (upper half).....                                                                                                                           |
| 139043 | 23080 | Feed Bar.....                                                                                                                                   |
| 139046 | 23080 | " " Hinge Pin Slide Block.....                                                                                                                  |
| 139049 | 23083 | Feed Dog with row of teeth between the needles, 19 teeth (14 teeth to the inch) for 1/4 in. to 3/8 in. gauges, for 139186, for Work Shirts..... |
| 139052 | 23080 | Feed Eccentric (adjustable) complete, Nos. 217J, 7071, 50328C and two 51061C                                                                    |
| 139053 | 23080 | Feed Eccentric Slide Block.....                                                                                                                 |
| 139054 | 23080 | " Lifting Eccentric Forked Connection                                                                                                           |

| No.    | Plate | Name                                                                         |
|--------|-------|------------------------------------------------------------------------------|
| 139055 | 23080 | Feed Lifting Eccentric Forked Connection Slide Block.....                    |
| 139055 | 23080 | Looper Avoiding Eccentric Forked Connection Slide Block.....                 |
| 139056 | 23082 | Looper (back).....                                                           |
| 139057 | 23082 | " (front).....                                                               |
| 139058 | 23080 | " Avoiding Eccentric with two 50150C                                         |
| 139059 | 23080 | " " " Forked Connection                                                      |
| 139060 | 23080 | " " " " "                                                                    |
|        |       | Bracket with 456C.....                                                       |
| 139062 | 23080 | Looper Driving Arm with 1047C, for 139063.....                               |
| 139063 | ----- | Looper Driving Arm 139062 with 139066 and 139070.....                        |
| 139064 | 23080 | Looper Driving Arm Connecting Link.....                                      |
| 139065 | 23080 | " " " " " Hinge Pin.....                                                     |
| 139066 | 23080 | Looper Driving Arm Connection with four 175E, for 139063.....                |
| 139069 | 23080 | Looper Driving Arm Connection Crank with 1057E.....                          |
| 139070 | 23080 | Looper Driving Arm Connection Crank Ball Screw Stud for 139063.....          |
| 139072 | 23080 | Looper Eccentric and Feed Lifting Eccentric with two 1259C.....              |
| 139073 | 23080 | Looper Eccentric Connection with 1047C..                                     |
| 139074 | 23080 | " " " Slide Block..                                                          |
| 139075 | 23080 | " " " " "                                                                    |
|        |       | Screw Stud.....                                                              |
| 139076 | 23080 | Looper Eccentric Connection Slide Block Screw Stud Collar with two 1253C.... |
| 139093 | 23080 | Looper Holder with 172E, 26276 and 51485E                                    |
| 139094 | 23080 | " " Shaft.....                                                               |
| 139095 | 23080 | " " " Bushing (back).....                                                    |
| 139096 | 23080 | " " " " (front).....                                                         |
| 139097 | 23080 | " " " Collar with 1454E...                                                   |
| 139099 | 23080 | Needle Bar (hollow) for 139100.....                                          |
| 139100 | ----- | Needle Bar complete for 231-7 Machine, Nos. 139099 and 139116.....           |
| 139101 | 23080 | Needle Bar Bushing (lower) for 231-7 Machine.....                            |
| 139102 | 23080 | Needle Bar Connecting Link for 139103...                                     |
| 139103 | ----- | " " " " 139102 with 139105 and 139108, for 139228 and 139376.....            |
| 139105 | 23076 | Needle Bar Connecting Link Hinge Stud for 139103.....                        |
| 139108 | 23080 | Needle Bar Connecting Stud with 175E, for 139103.....                        |
| 139110 | 23080 | Needle Bar Connecting Stud Oil Pad (wick).....                               |

| No.    | Plate | Name                                                                                                     |
|--------|-------|----------------------------------------------------------------------------------------------------------|
| 139111 | 23080 | Needle Bar Connecting Stud Slide Block..                                                                 |
| 139112 | 23080 | " " " " " "                                                                                              |
|        |       | Guide.....                                                                                               |
| 139113 | 23080 | Needle Bar Guide for 231-7 Machine.....                                                                  |
| 139114 | 23080 | " " " Oil Pad (outside) felt.                                                                            |
| 139115 | 23080 | " " Thread Guide.....                                                                                    |
| 139116 | 23080 | " Clamp with two 1498F, for 139100 and 139378.....                                                       |
| 139117 | 23080 | Needle Guard for 3/32 in. to 3/16 in. gauges.....                                                        |
| 139118 | 23082 | Needle Guard for 7/32 in. to 9/32 in. gauges.....                                                        |
| 139119 | 23083 | Needle Guard for 5/16 in. gauge.....                                                                     |
| 139120 | 23080 | " " Holder.....                                                                                          |
| 139121 | 23076 | Oil Cup Body for 139126.....                                                                             |
| 139122 | 23076 | " " " Cap (transparent) for 139126                                                                       |
| 139123 | 23076 | " " " " Gasket (cork) for 139126                                                                         |
| 139124 | 23076 | " " " " Retainer for 139126.....                                                                         |
| 139125 | 23076 | " " " Oil Plug Screw Washer for 139126.....                                                              |
| 139126 | 23076 | Oil Cup complete for oiling Needle Bar Connecting Link, Nos. 50617B, 139121 to 139125 and four 131C..... |
| 139127 | 23076 | Oil Cup Gasket (soft leather).....                                                                       |
| 139128 | 23080 | Presser Bar with 25303.....                                                                              |
| 139130 | 23080 | " " Lifting Bracket with 1057E..                                                                         |
| 139131 | 23085 | " " " " Lifter.....                                                                                      |
| 139132 | 23085 | " " " Lever.....                                                                                         |
| 139133 | 23085 | " " " Spring.....                                                                                        |
| 139140 | 23085 | Tension (looper thread) Regulating Screw Nut with 42639, for 139278.....                                 |
| 139143 | 23085 | Tension (needle thread) Releasing Shaft Crank Connecting Link.....                                       |
| 139144 | 23076 | Thread (looper) Take-up with two 1266C..                                                                 |
| 139145 | 23076 | " " " Cover for 139280                                                                                   |
| 139146 | 23076 | " " " " Hinge Pin for 139280.....                                                                        |
| 139147 | 23076 | Thread (looper) Take-up Cover Lock Spring for 139280.....                                                |
| 139148 | 23076 | Thread (looper) Take-up Stripper for 139280.....                                                         |
| 139149 | 23076 | Thread (looper) Take-up Stripper Plate for 139280.....                                                   |
| 139152 | 23076 | Thread (looper) Take-up Stripper Plate Thread Guard for 139280.....                                      |
| 139153 | 23076 | Thread (looper) Take-up Thread Guard (fibre) for 139280.....                                             |
| 139154 | 23076 | Thread (looper) Take-up Thread Guide (left) for 139280.....                                              |
| 139155 | 23076 | Thread (looper) Take-up Thread Guide (right) for 139280.....                                             |



| No.    | Plate | Name                                                                                                      |
|--------|-------|-----------------------------------------------------------------------------------------------------------|
| 139156 | 23076 | Thread (looper) Take-up Thread Separator for 139280.....                                                  |
| 139157 | 23076 | Thread (looper) Take-up Thread Separator Thread Retainer for 139280.....                                  |
| 139158 | 23085 | Thread (looper) Thread Guide (left)....                                                                   |
| 139158 | 23085 | " " " " (right)....                                                                                       |
| 139158 | 23085 | " (needle) Thread Guide (left)....                                                                        |
| 139158 | 23085 | " " " " (right)....                                                                                       |
| 139159 | 23085 | " (looper) Thread Guide Bracket....                                                                       |
| 139160 | 23085 | " " " " " Sup-<br>port.....                                                                               |
| 139162 | 23085 | Thread (looper) Thread Tube (belt guard) Bushing for 139164.....                                          |
| 139164 | 23085 | Thread (looper) Thread Tube (belt guard) with four 139162.....                                            |
| 139167 | 23085 | Thread (looper) Thread Tube (front of bed) Bushing for 139168.....                                        |
| 139168 | 23085 | Thread (looper) Thread Tube (front of bed) with 18191 and four 139167.....                                |
| 139169 | 23085 | Thread (looper) Thread Tube (front of bed) Cover for 139170.....                                          |
| 139170 | 23085 | Thread (looper) Thread Tube (front of bed) Cover 139169 with 139171 and two 229J.....                     |
| 139171 | 23085 | Thread (looper) Thread Tube (front of bed) Cover Catch for 139170.....                                    |
| 139172 | 23085 | Thread (looper) Thread Tube (front of bed) Cover Hinge Plate.....                                         |
| 139173 | 23085 | Thread (looper) Thread Tube (front of bed) Cover Lock Spring.....                                         |
| 139174 | 23085 | Thread (looper) Thread Tube (front of bed) Cover Lock Spring Reinforcing Plate.....                       |
| 139177 | 23085 | Thread (needle) Eyelet.....                                                                               |
| 139180 | 23085 | " " Thread Guide Bracket....                                                                              |
| 139186 | 23083 | Throat Plate for 1/4 in. to 3/8 in. gauges, for 139049.....                                               |
| 139190 | 23086 | Machine Cushion (round rubber).....                                                                       |
| 139191 | 23086 | " Mounting Cushion (moulded rubber)                                                                       |
| 139195 | 23083 | Needle Guard for 11/32 in. to 3/8 in. gauges.....                                                         |
| 139199 | 23076 | Arm Rotary Shaft Crank with two each 1036C and 1149C, for 139228.....                                     |
| 139217 | 23087 | Belt Guard with two wood screws 3/4 in. No. 9 R.H., for use with Singer Universal Safety Power Table..... |
| 139218 | 23082 | Presser Foot Plate for 139223.....                                                                        |
| 139219 | 23082 | " " " Hinge Stud for 139223                                                                               |
| 139220 | 23082 | " " Shank for 139223.....                                                                                 |
| 139221 | 23082 | " " Yielding Heel for 139223...                                                                           |

| No.     | Plate | Name                                                                                                                                                                       |
|---------|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 139222  | 23082 | Presser Foot Yielding Heel Connection for 139223.....                                                                                                                      |
| 139223  | 23082 | Presser Foot (triple hinged) complete, for 3/16 in. to 1/4 in. gauges, Nos. 9610, 139218, 139220 to 139222 and two each 665J, 18055 and 139219.....                        |
| 139228  | ----- | Arm Rotary Shaft Crank 139199 with 139103, for 139284.....                                                                                                                 |
| 139229  | 23080 | Needle Bar Connecting Link Spacing Washer (thickness .004", .008" or .012")                                                                                                |
| 139239  | 23076 | Needle Bar Connecting Link Hinge Stud Oil Pad (braided cotton).....                                                                                                        |
| *139249 | ----- | Bed.....                                                                                                                                                                   |
| 139251  | 23079 | " Cover with 139253 and two 50411E....                                                                                                                                     |
| 139252  | 23079 | " " Gasket (cork).....                                                                                                                                                     |
| 139253  | 23079 | " " " Clamping Plate for 139251                                                                                                                                            |
| 139256  | 23080 | Feed Bar Hinge Pin (eccentric).....                                                                                                                                        |
| 139257  | 23080 | Looper Avoiding Eccentric Forked Connection Crank (forked) with 1324C.....                                                                                                 |
| 139262  | 23079 | Looper Gate (left) for Throat Plates 3/4 in. wide.....                                                                                                                     |
| 139264  | 23083 | Looper Gate (left) for Throat Plates 7/8 in. wide.....                                                                                                                     |
| 139269  | 23079 | Looper Gate (right) for Throat Plates 3/4 in. wide.....                                                                                                                    |
| 139271  | 23083 | Looper Gate (right) for Throat Plates 7/8 in. wide.....                                                                                                                    |
| 139272  | 23079 | Looper Gate Retaining Spring.....                                                                                                                                          |
| 139273  | 23080 | " Thread Guide.....                                                                                                                                                        |
| 139275  | 23085 | Tension (looper thread) Body and Thread Guide with 42727, for 139278.....                                                                                                  |
| 139276  | 23085 | Tension (looper thread) Tension Plate for 139278.....                                                                                                                      |
| 139276  | 23085 | Tension (needle thread) Nipper Tension Plate for 139373.....                                                                                                               |
| 139278  | 23085 | Tension (looper thread) complete, Nos. 1423J, 51486C, 59534, 139140, 139275 and three 139276.....                                                                          |
| 139279  | 23076 | Thread (looper) Take-up Stripper Plate Bracket for 139280.....                                                                                                             |
| 139280  | 23076 | Thread (looper) Take-up Stripper Plate Bracket 139279 with 219J, 237J, 240J, 7071, 51282J, 139145 to 139149, 139152 to 139157 and two each 203J, 207J, 665J and 17022..... |

| No.     | Plate | Name                                                                                                                                                      |
|---------|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| 139281  | 23080 | Thread (looper) Thread Tube (side of bed).....                                                                                                            |
| *139282 | ----- | Arm with 15404 and two 15405.....                                                                                                                         |
| 139283  | 23076 | " Rotary Shaft for 139284 and 139374..                                                                                                                    |
| 139284  | ----- | " " " 139283 with 139228 and 139308 for 231-7 Machine.....                                                                                                |
| 139299  | 23085 | Slack Thread Regulator Holder.....                                                                                                                        |
| 139300  | 23085 | " " " Connecting Link Connecting Stud with 453C.....                                                                                                      |
| 139307  | 23085 | Tension (needle thread) Nipper Body and Thread Guide with 13538 for 139373..                                                                              |
| 139308  | 23076 | Tension (needle thread) Nipper Cam with two 456C, for 139284 and 139374.....                                                                              |
| 139309  | 23085 | Tension (needle thread) Nipper Stud for 139310.....                                                                                                       |
| 139310  | ----- | Tension (needle thread) Nipper Stud 139309 with 5684 and 139311, for 139373.....                                                                          |
| 139311  | 23085 | Tension (needle thread) Nipper Stud Wearing Sleeve for 139310.....                                                                                        |
| 139337  | 23078 | Bed Extension.....                                                                                                                                        |
| 139352  | 23080 | Looper Driving Arm Hinge Stud.....                                                                                                                        |
| 139366  | 23091 | Lap Seam Feller Slide.....                                                                                                                                |
| 139373  | 23085 | Tension (needle thread) Nipper complete, Nos. 1698R, 13218, 59456, 139307, 139310 and three 139276.....                                                   |
| 139374  | ----- | Arm Rotary Shaft 139283 with 139308 and 139376, for 231-8 Machine.....                                                                                    |
| 139375  | 23077 | Arm Rotary Shaft Crank with 1036C, 1259C and two 1149C, for 139376.....                                                                                   |
| 139376  | ----- | Arm Rotary Shaft Crank 139375 with 139103, for 139374.....                                                                                                |
| 139377  | 23081 | Needle Bar (hollow) for 139378.....                                                                                                                       |
| 139378  | ----- | Needle Bar complete for 231-8 Machine, Nos. 139116 and 139377.....                                                                                        |
| 139379  | 23081 | Needle Bar Bushing (lower) for 231-8 Machine.....                                                                                                         |
| 139382  | 23083 | Feed Dog with row of teeth between the needles, 14 teeth (10 teeth to the inch) for 1/4 in. to 3/8 in. gauges, for 139385, for Light Weight Overalls..... |
| 139383  | 23083 | Presser Foot Plate for 139420.....                                                                                                                        |
| 139385  | 23083 | Throat Plate for 1/4 in. to 3/8 in. gauges, for 139382, 139414 and 139415                                                                                 |
| 139388  | 23082 | Feed Dog with row of teeth between the needles, 16 teeth (12 teeth to the inch) for 3/16 in. and 7/32 in. gauges, for 139389, for Work Shirts.            |

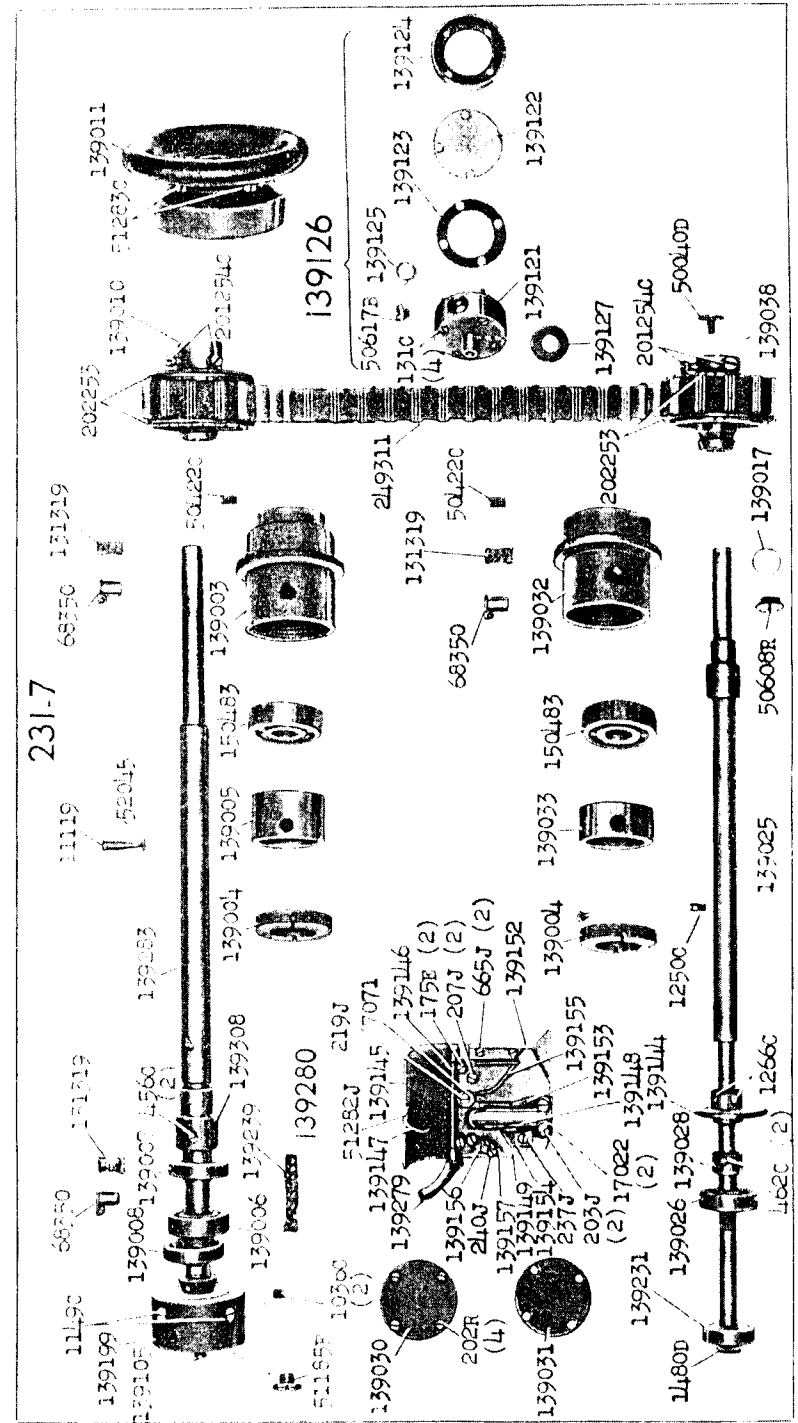
| No.     | Plate | Name                                                                                                                                                                                |
|---------|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 139389  | 23082 | Throat Plate for 3/16 in. and 7/32 in. gauges, for 139388.....                                                                                                                      |
| 139390  | 23085 | Slack Thread Regulator.....                                                                                                                                                         |
| 139391  | 23085 | Thread (needle) Take-up with 202E, for 139392.....                                                                                                                                  |
| 139392  | 23085 | Thread (needle) Take-up complete, Nos. 1449J, 54095, 68164 and 139391.....                                                                                                          |
| 139393  | 23085 | Thread (needle) Take-up (auxiliary).....                                                                                                                                            |
| 139398  | 23087 | Belt Guard with two 146R, for use with Individual Motors and Low Shaft Power Table.....                                                                                             |
| 139410  | 23080 | Presser Bar Bushing (lower).....                                                                                                                                                    |
| 139411  | 23080 | Looper Eccentric Connection Slide Block Screw Stud Washer (leather).....                                                                                                            |
| 139412  | 23081 | Needle Bar Guide for 231-8 Machine.....                                                                                                                                             |
| 139414  | 23084 | Feed Dog with row of teeth between the needles, 11 teeth (8 teeth to the inch) for 1/4 in. to 3/8 in. gauges, for 139385, for Heavy Weight Overalls.....                            |
| 139415  | 23084 | Feed Dog with row of teeth between the needles, 17 teeth (12 teeth to the inch) for 1/4 in. to 3/8 in. gauges, for 139385, for Light Weight Overalls.....                           |
| 139416  | 23080 | Thread Cutter (knife).....                                                                                                                                                          |
| 139417  | 23080 | " " " Guard.....                                                                                                                                                                    |
| 139418  | 23077 | Balance Wheel, 3 in. pulley, with two 51283C, for 231-8 Machine.....                                                                                                                |
| 139420  | 23083 | Presser Foot (triple hinged) complete for 1/4 in. to 3/8 in. gauges for overall work and shirt work, Nos. 131534, 131705 to 131707, 139383 and two each 665J, 18055 and 128390..... |
| 140215C | 23088 | Starting Treadle Set Screw for 150487...                                                                                                                                            |
| 140215C | 23088 | " " " Shaft Arm Set Screw for 150489.....                                                                                                                                           |
| 150203  | 23092 | Thread Unwinder Spool Rest Cushion (felt) for 150662.....                                                                                                                           |
| 150208  | 23088 | Treadle Pitman Rod Spring for 126684....                                                                                                                                            |
| 150212  | 23088 | Foot Lifter Treadle for 150491.....                                                                                                                                                 |
| 150216  | 23088 | Starting Treadle Shaft Collar with two 445C, for 150491.....                                                                                                                        |
| 150364  | 23092 | Thread Unwinder Base with two 437C, for 150370.....                                                                                                                                 |
| 150365  | 23092 | Thread Unwinder Rod for 150370.....                                                                                                                                                 |
| 150366  | 23092 | " " Thread Cone Holder for 150370.....                                                                                                                                              |
| 150367  | 23092 | Thread Unwinder Thread Cone Holder Support for 150370.....                                                                                                                          |

| No.    | Plate | Name                                                                                                                                                                                      |
|--------|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 150368 | 23092 | Thread Unwinder Thread Cone Steady Wire for 150370.....                                                                                                                                   |
| 150369 | 23092 | Thread Unwinder Thread Guide for 150370.                                                                                                                                                  |
| 150370 | 23092 | Thread Unwinder complete for inverted cones, Nos. 178J, 51082R, 150364, 150365, 150367, 150369, three wood screws 1 1/2 in. No. 16 F.H. and four each 164J, 19020, 150366 and 150368..... |
| 150480 | 23090 | Idler Bracket with 1448C, for 150486....                                                                                                                                                  |
| 150481 | 23090 | " Pulley for 150496.....                                                                                                                                                                  |
| 150482 | 23090 | " " Shaft for 150496.....                                                                                                                                                                 |
| 150483 | 23076 | Arm Rotary Shaft Ball Bearing (back)....                                                                                                                                                  |
| 150483 | 23076 | Bed Rotary Shaft Ball Bearing (right)...                                                                                                                                                  |
| 150483 | 23090 | Idler Pulley Shaft Ball Bearing for 150496.....                                                                                                                                           |
| 150484 | 23090 | Idler Pulley Shaft Ball Bearing Cover for 150496.....                                                                                                                                     |
| 150485 | 23090 | Idler Pulley Shaft Ball Bearing Cover Gasket (cork) for 150496.....                                                                                                                       |
| 150486 | 23090 | Idler complete (adjacent to Balance Wheel) Nos. 130328, 150480, 150496 and two 51183R.....                                                                                                |
| 150487 | 23088 | Starting Treadle with two 140215C, for 150491.....                                                                                                                                        |
| 150488 | 23088 | Starting Treadle Shaft for 150491.....                                                                                                                                                    |
| 150489 | 23088 | " " " Arm with two 140215C, for 150491.....                                                                                                                                               |
| 150490 | 23088 | Starting Treadle Spacing Collar for 150491.....                                                                                                                                           |
| 150491 | ----- | Starting and Foot Lifter Treadle complete for individual Motors, for 150497 and 150498, Nos. 4879, 6439, 150212, 150216, 150487 to 150490 and two 60502.....                              |
| 150496 | 23090 | Idler Pulley and Shaft complete for 150486 and 150532, Nos. 144D, 150481 to 150485 and four 330R.....                                                                                     |
| 150497 | 23088 | Starting and Foot Lifter Treadle with Pitman complete for Universal Safety Power Table, Nos. 126684 and 150491.                                                                           |
| 150498 | 23089 | Starting and Foot Lifter Treadle with Pitman complete for Low Shaft Power Table for Under Driver No. 150499, Nos. 60626 and 150491.....                                                   |
| 150528 | 23090 | Idler Base with 356C, for 150532.....                                                                                                                                                     |
| 150529 | 23090 | " Pulley Shaft Bracket (lower) with 168C and 692C, for 150532.....                                                                                                                        |
| 150530 | 23090 | Idler Pulley Shaft Bracket (upper) with 168C and 692C, for 150532.....                                                                                                                    |

| No.     | Plate | Name                                                                                                                                                           |
|---------|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 150531  | 23090 | Idler Pulley Shaft Bracket Shaft for 150532.....                                                                                                               |
| 150532  | 23090 | Idler complete for Under The Table, for Singer Universal Safety Power Table, Nos. 150528 to 150531, two 150496 and three wood screws 1 1/4 in. No. 12 F.H..... |
| 150533  | 23090 | Idler Guard with two wood screws 3/4 in. No. 9 R.H., for 150532.....                                                                                           |
| 150647  | 23092 | Thread Unwinder Spool Rest with 178J, for 150662.....                                                                                                          |
| 150649  | 23092 | Thread Unwinder Spool Rest Rod for 150662.....                                                                                                                 |
| 150662  | 23092 | Thread Unwinder Spool Rest complete (for four spools) Nos. 178J, 150649 and four each 150203 and 150647.....                                                   |
| 152004  | 23087 | Belt Guard with two wood screws 1 in. No. 10 R.H.M.F.O. and A. for Series S 39, S 49, S 59 and S 69 Electric Transmitters.....                                 |
| 200092F | 23078 | Bed Rotary Shaft Belt Guard Cover Screw.                                                                                                                       |
| 200363C | 23078 | " " " " " Set Screw for 139034.....                                                                                                                            |
| 201254C | 23076 | Arm Rotary Shaft Sprocket Wheel Set Screw for 139010.....                                                                                                      |
| 201254C | 23076 | Bed Rotary Shaft Sprocket Wheel Set Screw for 139038.....                                                                                                      |
| 202253  | 23076 | Arm Rotary Shaft Sprocket Wheel Spring Flange for 139010.....                                                                                                  |
| 202253  | 23076 | Bed Rotary Shaft Sprocket Wheel Spring Flange for 139038.....                                                                                                  |
| 249311  | 23076 | Bed Rotary Shaft Belt.....                                                                                                                                     |



# ILLUSTRATIONS OF PARTS



Exploded view diagram of a mechanical assembly. The diagram shows various components including a main shaft, a large gear or pulley at the top, a smaller gear or pulley at the bottom, and several intermediate parts like bearings, bushings, and a central housing. The parts are labeled with numbers, some of which are repeated. The numbers are arranged in a way that suggests the assembly sequence or the relative positions of the parts. The diagram is a technical drawing, likely from a manual or a catalog, showing the exploded view of a mechanical assembly.

Labels and numbers visible in the diagram include:

- 139275, 139276, 139277, 139278, 139279, 139280, 139281, 139282, 139283, 139284, 139285, 139286, 139287, 139288, 139289, 139290, 139291, 139292, 139293, 139294, 139295, 139296, 139297, 139298, 139299, 139300, 139301, 139302, 139303, 139304, 139305, 139306, 139307, 139308, 139309, 139310, 139311, 139312, 139313, 139314, 139315, 139316, 139317, 139318, 139319, 139320, 139321, 139322, 139323, 139324, 139325, 139326, 139327, 139328, 139329, 139330, 139331, 139332, 139333, 139334, 139335, 139336, 139337, 139338, 139339, 139340, 139341, 139342, 139343, 139344, 139345, 139346, 139347, 139348, 139349, 139350, 139351, 139352, 139353, 139354, 139355, 139356, 139357, 139358, 139359, 139360, 139361, 139362, 139363, 139364, 139365, 139366, 139367, 139368, 139369, 139370, 139371, 139372, 139373, 139374, 139375, 139376, 139377, 139378, 139379, 139380, 139381, 139382, 139383, 139384, 139385, 139386, 139387, 139388, 139389, 139390, 139391, 139392, 139393, 139394, 139395, 139396, 139397, 139398, 139399, 139400, 139401, 139402, 139403, 139404, 139405, 139406, 139407, 139408, 139409, 139410, 139411, 139412, 139413, 139414, 139415, 139416, 139417, 139418, 139419, 139420, 139421, 139422, 139423, 139424, 139425, 139426, 139427, 139428, 139429, 139430, 139431, 139432, 139433, 139434, 139435, 139436, 139437, 139438, 139439, 139440, 139441, 139442, 139443, 139444, 139445, 139446, 139447, 139448, 139449, 139450, 139451, 139452, 139453, 139454, 139455, 139456, 139457, 139458, 139459, 139460, 139461, 139462, 139463, 139464, 139465, 139466, 139467, 139468, 139469, 139470, 139471, 139472, 139473, 139474, 139475, 139476, 139477, 139478, 139479, 139480, 139481, 139482, 139483, 139484, 139485, 139486, 139487, 139488, 139489, 139490, 139491, 139492, 139493, 139494, 139495, 139496, 139497, 139498, 139499, 139500, 139501, 139502, 139503, 139504, 139505, 139506, 139507, 139508, 139509, 139510, 139511, 139512, 139513, 139514, 139515, 139516, 139517, 139518, 139519, 139520, 139521, 139522, 139523, 139524, 139525, 139526, 139527, 139528, 139529, 139530, 139531, 139532, 139533, 139534, 139535, 139536, 139537, 139538, 139539, 139540, 139541, 139542, 139543, 139544, 139545, 139546, 139547, 139548, 139549, 139550, 139551, 139552, 139553, 139554, 139555, 139556, 139557, 139558, 139559, 139560, 139561, 139562, 139563, 139564, 139565, 139566, 139567, 139568, 139569, 139570, 139571, 139572, 139573, 139574, 139575, 139576, 139577, 139578, 139579, 139580, 139581, 139582, 139583, 139584, 139585, 139586, 139587, 139588, 139589, 139590, 139591, 139592, 139593, 139594, 139595, 139596, 139597, 139598, 139599, 139600, 139601, 139602, 139603, 139604, 139605, 139606, 139607, 139608, 139609, 139610, 139611, 139612, 139613, 139614, 139615, 139616, 139617, 139618, 139619, 139620, 139621, 139622, 139623, 139624, 139625, 139626, 139627, 139628, 139629, 139630, 139631, 139632, 139633, 139634, 139635, 139636, 139637, 139638, 139639, 139640, 139641, 139642, 139643, 139644, 139645, 139646, 139647, 139648, 139649, 139650, 139651, 139652, 139653, 139654, 139655, 139656, 139657, 139658, 139659, 139660, 139661, 139662, 139663, 139664, 139665, 139666, 139667, 139668, 139669, 139670, 139671, 139672, 139673, 139674, 139675, 139676, 139677, 139678, 139679, 139680, 139681, 139682, 139683, 139684, 139685, 139686, 139687, 139688, 139689, 139690, 139691, 139692, 139693, 139694, 139695, 139696, 139697, 139698, 139699, 139700, 139701, 139702, 139703, 139704, 139705, 139706, 139707, 139708, 139709, 139710, 139711, 139712, 139713, 139714, 139715, 139716, 139717, 139718, 139719, 139720, 139721, 139722, 139723, 139724, 139725, 139726, 139727, 139728, 139729, 139730, 139731, 139732, 139733, 139734, 139735, 139736, 139737, 139738, 139739, 139740, 139741, 139742, 139743, 139744, 139745, 139746, 139747, 139748, 139749, 139750, 139751, 139752, 139753, 139754, 139755, 139756, 139757, 139758, 139759, 139760, 139761, 139762, 139763, 139764, 139765, 139766, 13976

Technical drawings of aircraft components and fasteners:

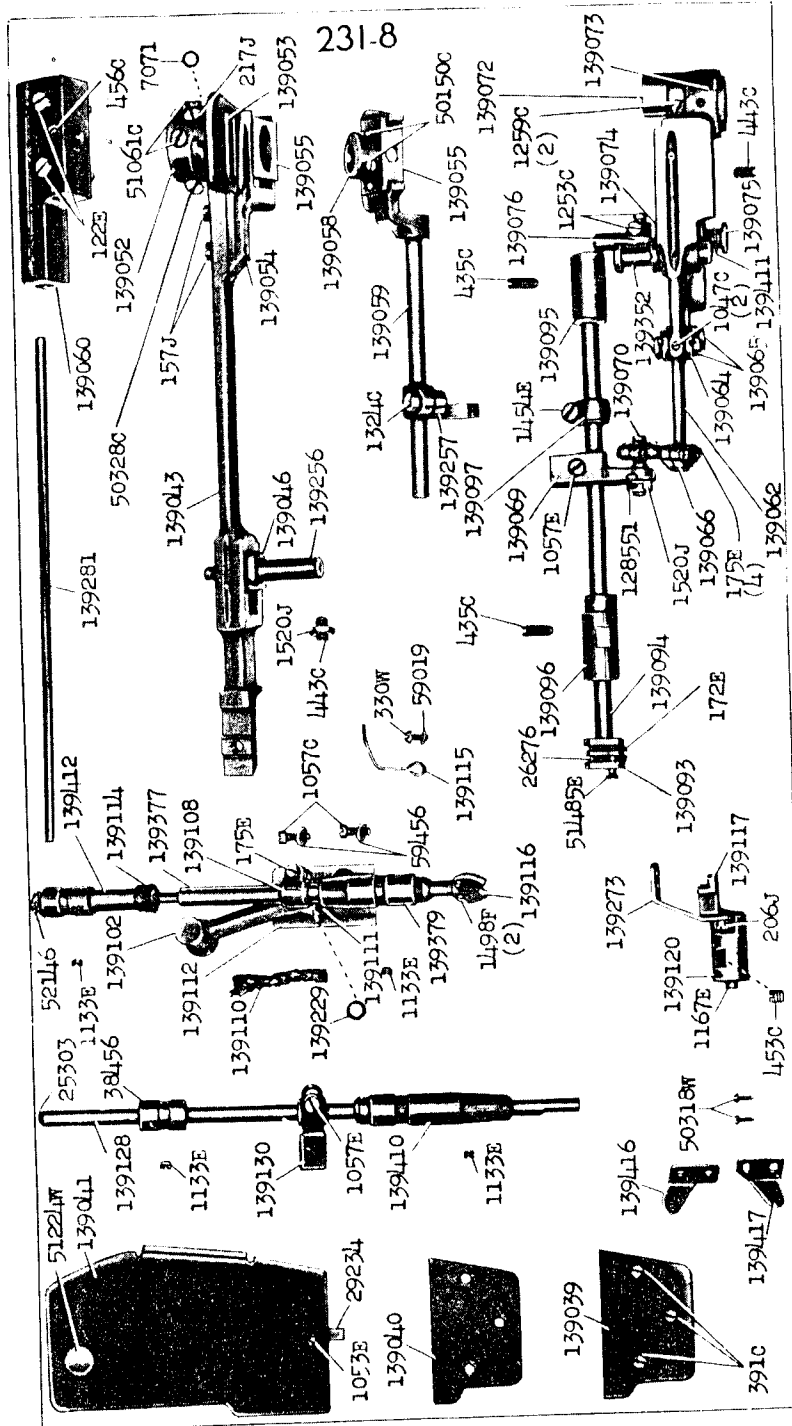
- Component 139034:** A curved, elongated part with two circular holes. Fasteners **200363C** are shown at the ends.
- Component 139036:** A straight, elongated part with a circular hole at the top and a semi-circular cutout at the bottom. Fasteners **139035** and **139037** are indicated. A dimension line **200092F** shows the length.
- Component 139337:** A large, complex bracket-like part with a central rectangular cutout. Fasteners **116E**, **8582**, and **783E** are shown at the bottom.



Exploded view diagram of a mechanical assembly. The components are labeled with part numbers:

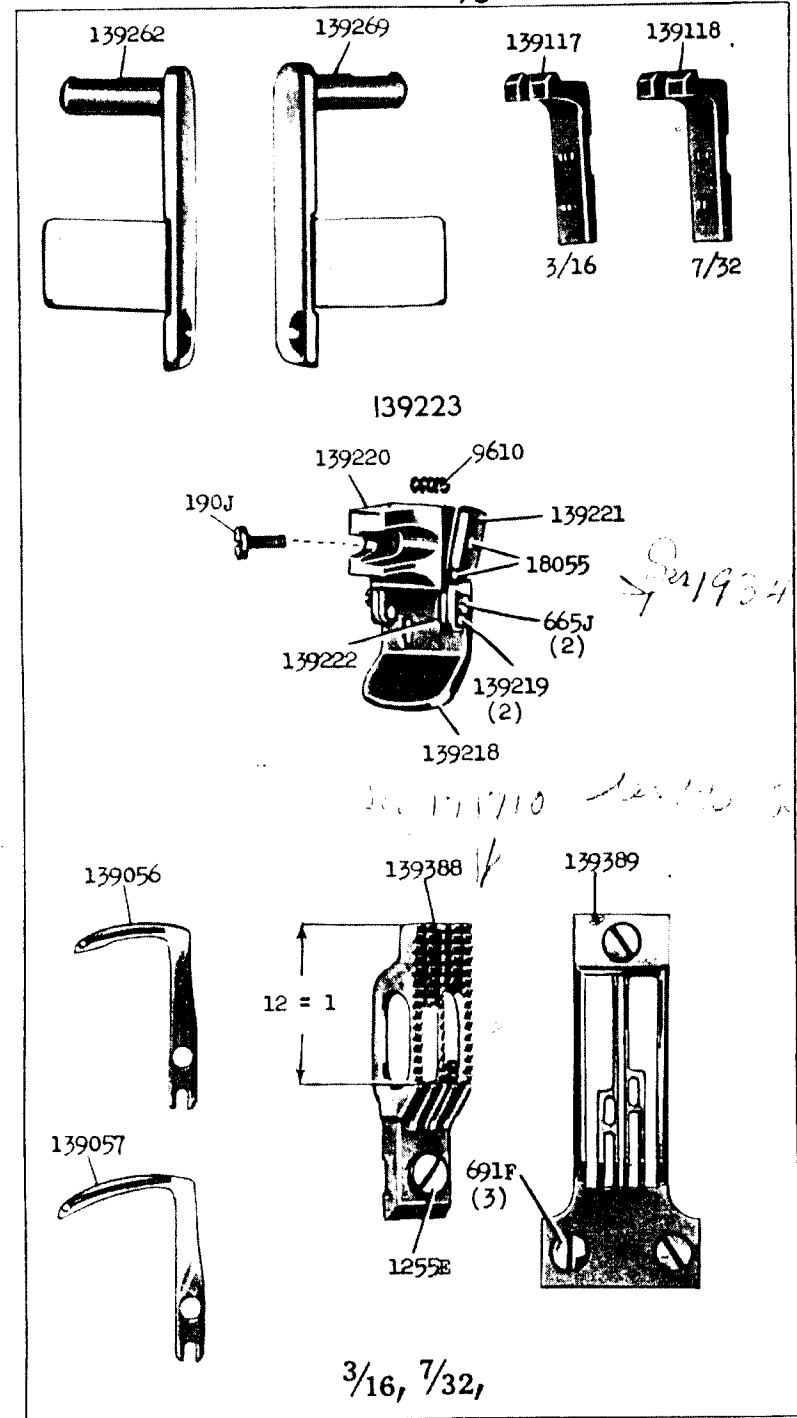
- 139262
- 139269
- 50411E
- 139272
- 139252
- 139253
- 190J
- 139251
- 50004C (14)
- 139017
- 50608R
- 139022

23081 - 1/3



231-8

23082 - 2/3



Technical drawings of various mechanical components, including brackets, fasteners, and structural parts, with associated part numbers and dimensions.

**Top Row (Left to Right):**

- Part 139264: A bracket with a horizontal base and a vertical stem.
- Part 139271: A bracket with a horizontal base and a vertical stem.
- Part 139118: A bracket with a horizontal base and a vertical stem.
- Part 139119: A bracket with a horizontal base and a vertical stem.
- Part 139195: A bracket with a horizontal base and a vertical stem.

**Second Row (Left to Right):**

- Part 139264: A bracket with a horizontal base and a vertical stem.
- Part 139271: A bracket with a horizontal base and a vertical stem.
- Part 139118: A bracket with a horizontal base and a vertical stem.
- Part 139119: A bracket with a horizontal base and a vertical stem.
- Part 139195: A bracket with a horizontal base and a vertical stem.

**Third Row (Left to Right):**

- Part 139264: A bracket with a horizontal base and a vertical stem.
- Part 139271: A bracket with a horizontal base and a vertical stem.
- Part 139118: A bracket with a horizontal base and a vertical stem.
- Part 139119: A bracket with a horizontal base and a vertical stem.
- Part 139195: A bracket with a horizontal base and a vertical stem.

**Bottom Row (Left to Right):**

- Part 139264: A bracket with a horizontal base and a vertical stem.
- Part 139271: A bracket with a horizontal base and a vertical stem.
- Part 139118: A bracket with a horizontal base and a vertical stem.
- Part 139119: A bracket with a horizontal base and a vertical stem.
- Part 139195: A bracket with a horizontal base and a vertical stem.

**Dimensions and Notes:**

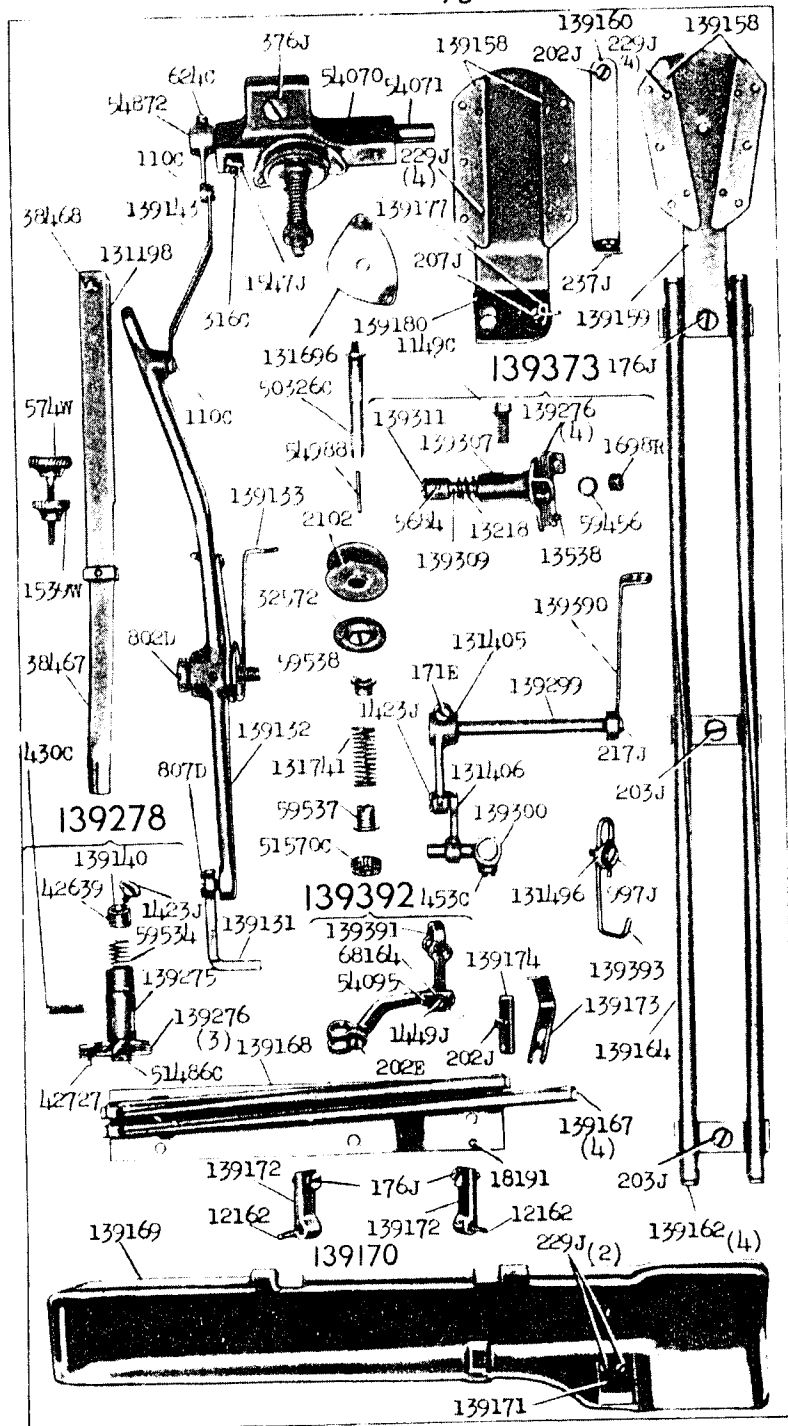
- 1/4, 9/32, 5/16, 11/32, 3/8
- 10 = 1
- 1255E
- 1255F (3)
- 139382
- 139383
- 139385
- 139386
- 139387
- 139388
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- 139662

Technical drawings of various mechanical parts, including brackets, pins, and structural components, with labels and dimensions.

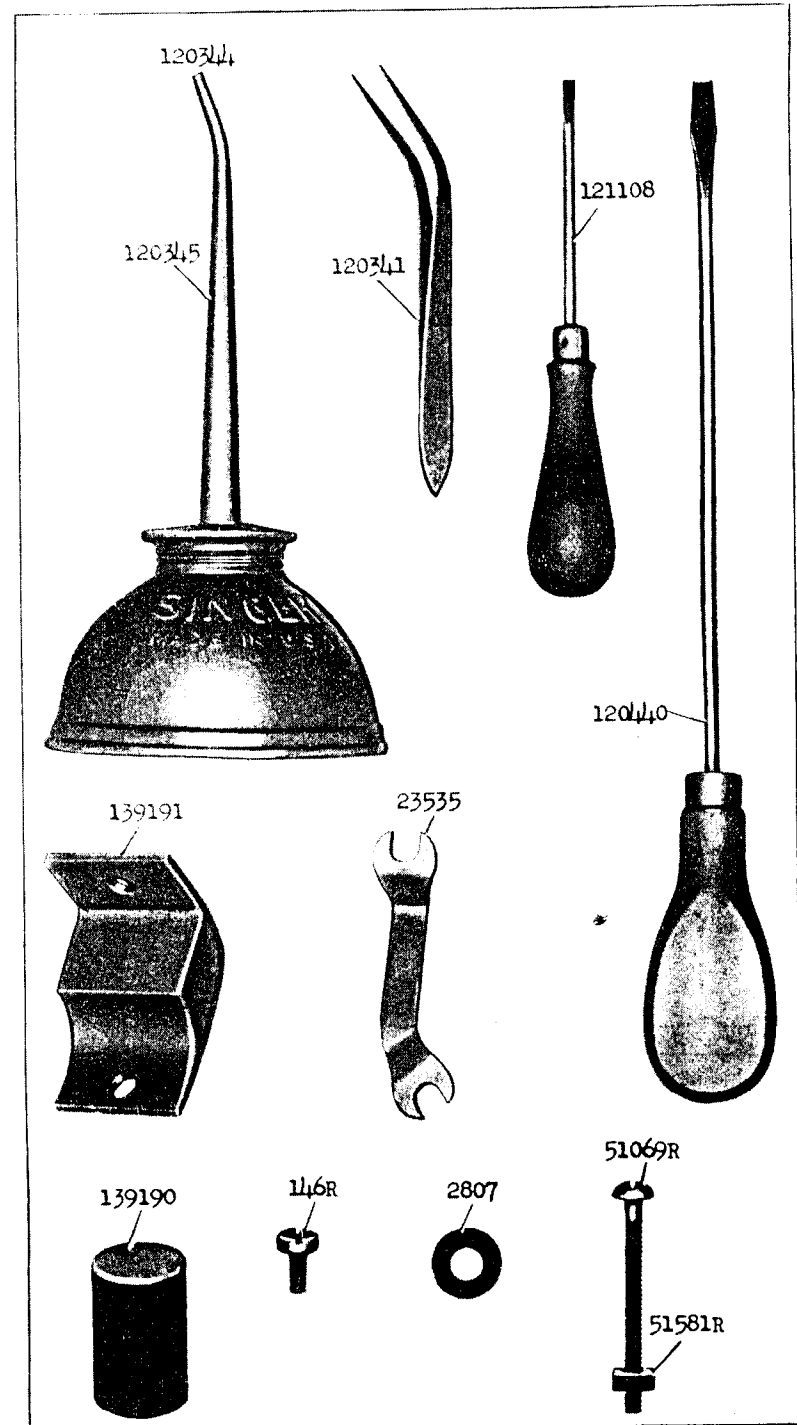
Parts shown include:

- 139264
- 139271
- 139118
- 139119
- 139195
- 1/4, 9/32 5/16 11/32, 3/8
- 131707
- 139420
- 131534
- 131706
- 190J
- 139385
- 131705
- 18055
- 665J (2)
- 128390 (2)
- 139383
- 1255E
- 691F (3)
- 139056
- 139057
- 12 = 1

23085 - 1/3



23086 - 1/2



139398

1146R  
(2)

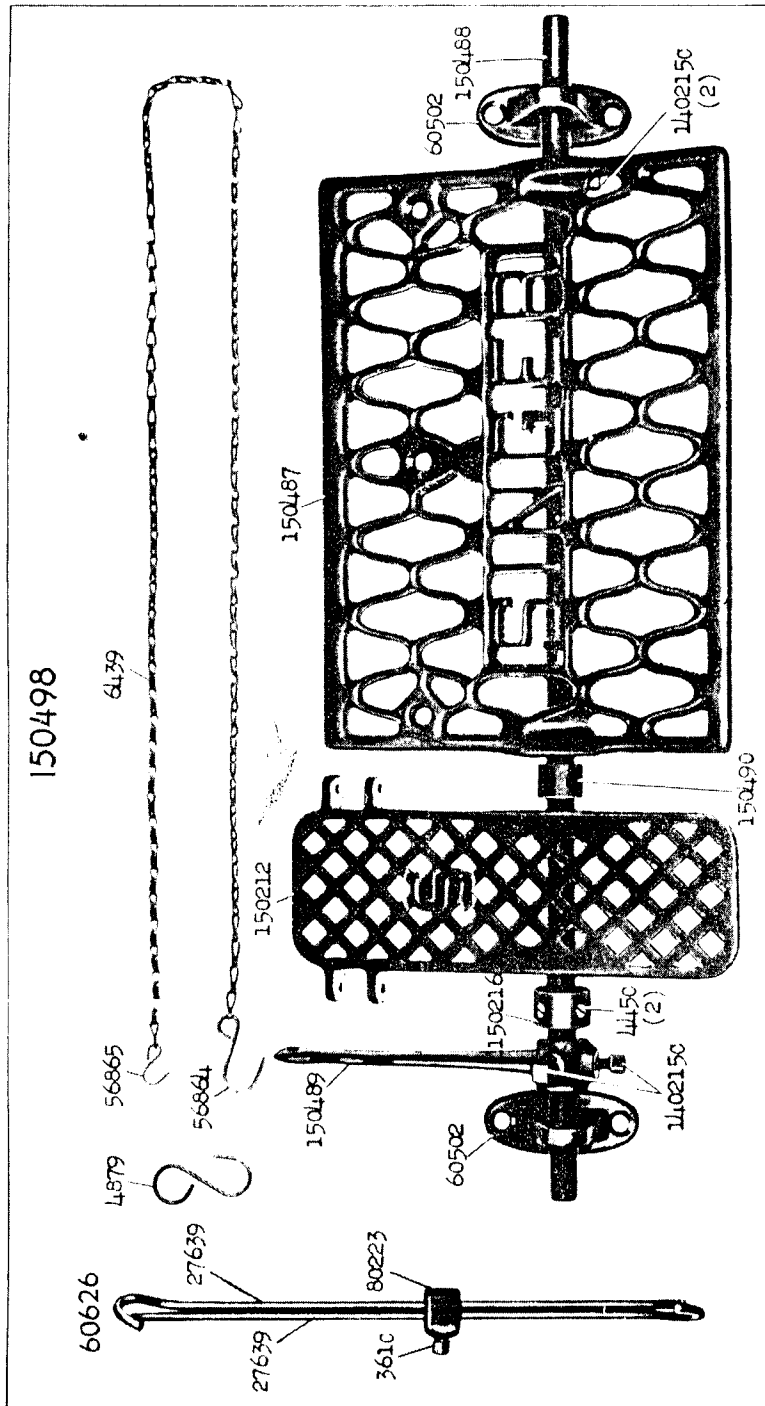
139217

152004

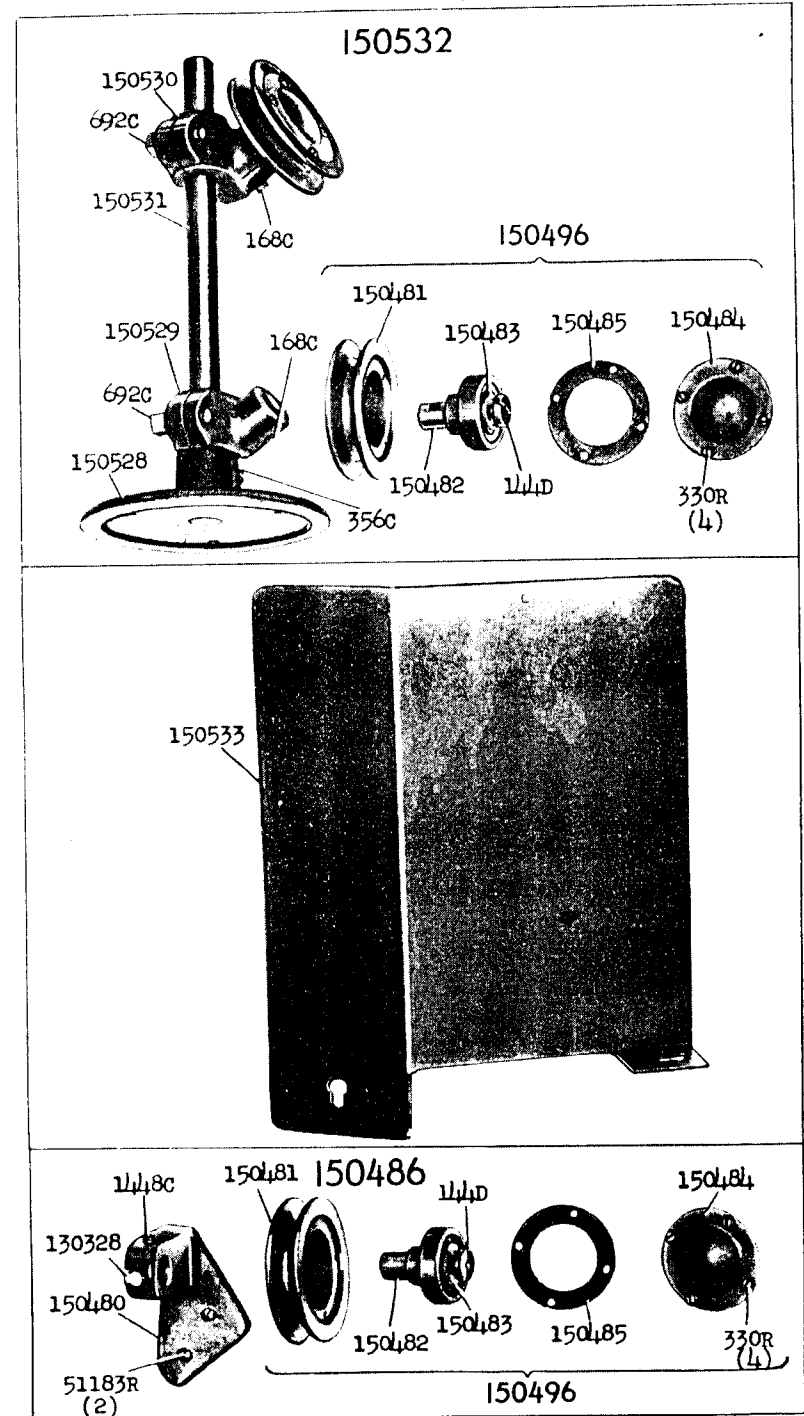
[illegible]



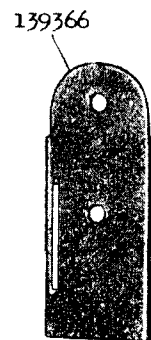
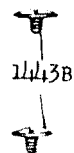
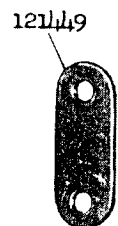
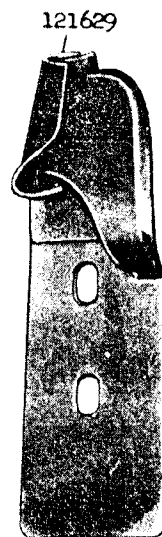
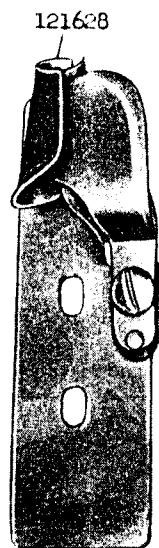
23089 - 1/4



23090 - 1/4

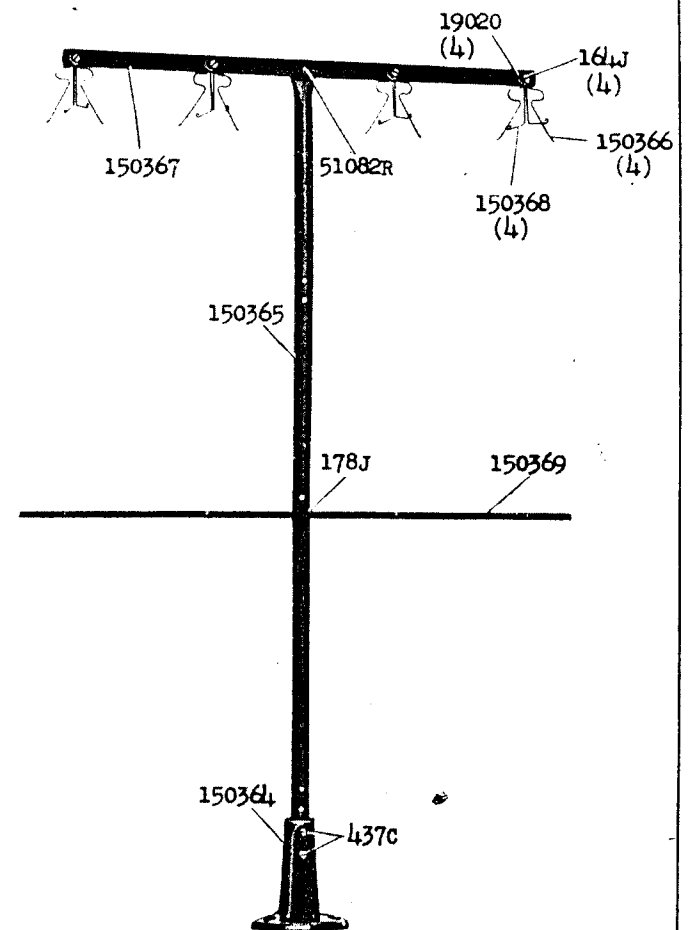


23091 - 2/3



23092 - 1/6

150370



150662

