

# **SINGER**

## **460-55**

Form 21615  
(367)  
Printed in U. S. A.

LIST OF PARTS COMPLETE

FOR

460-55 MACHINE

THE SINGER COMPANY

# List of Parts Complete

for

## 460-55 Machine

Two Needle, Three Looper, Five Thread (simultaneously produces two thread chainstitch, Type 401 and three-thread overedge stitch, Type 504), High Speed, Low Lift, Differential Feed Machine with screwdriver adjustable Stitch Length. Regularly fitted for 2.5 M. M. spaces between needles.

| <u>Part No.</u> | <u>Description</u>                                                          |
|-----------------|-----------------------------------------------------------------------------|
| 165254          | Auxiliary Looper                                                            |
| 165255          | Auxiliary Looper Avoid Connecting Link                                      |
| 165256          | Auxiliary Looper Avoid Driving Arm with 141301(869)                         |
| 165258          | Auxiliary Looper Avoid Driving Arm Hinge Pin with 165259 and two 165260     |
| 165259          | Auxiliary Looper Avoid Driving Arm Hinge Pin Oil Wick, for 165258           |
| 165260          | Auxiliary Looper Avoid Driving Arm Hinge Pin Cross Oil Wick, for 165258 (2) |
| 109795(803)     | Auxiliary Looper Avoid Driving Arm Screw                                    |
| 141301(869)     | Auxiliary Looper Avoid Driving Arm Set Screw, for 165256                    |
| 165261          | Auxiliary Looper Avoid Driving Arm Sleeve                                   |
| 109796(803)     | Auxiliary Looper Avoid Driving Arm Sleeve Screw                             |
| 165262          | Auxiliary Looper Avoid Eccentric with two 141292(869)                       |
| 141292(869)     | Auxiliary Looper Avoid Eccentric Set Screw, for 165262 (2)                  |
| 165264          | Auxiliary Looper Avoid Eccentric Bearing                                    |
| 165265          | Auxiliary Looper Avoid Eccentric End Washer                                 |
| 51302(806)      | Auxiliary Looper Avoid Eccentric End Washer Securing Screw (2)              |
| 165266          | Auxiliary Looper Carrier with 1083(803) and 141441(869)                     |

List of Parts Complete for Machine No. 460-55

| <u>Part No.</u> | <u>Description</u>                                                                                                              |
|-----------------|---------------------------------------------------------------------------------------------------------------------------------|
| 1083(803)       | Auxiliary Looper Carrier Clamping Screw, for 165266                                                                             |
| 350606(869)     | Auxiliary Looper Driving Arm Clamp Screw, for 165271                                                                            |
| 165271          | Auxiliary Looper Driving Connection with 350606(869), 165273 and two each 141292(869), 141317(830), 141440(830) and 141445(830) |
| 141317(830)     | Auxiliary Looper Driving Connection Cap (lower) Screw, for 165271 (2)                                                           |
| 141440(830)     | Auxiliary Looper Driving Connection Cap (upper) Screw, for 165271 (2)                                                           |
| 165273          | Auxiliary Looper Driving Connection Locating Plate, for 165271                                                                  |
| 141445(830)     | Auxiliary Looper Driving Connection Locating Plate Screw, for 165271 (2)                                                        |
| 141292(869)     | Auxiliary Looper Driving Eccentric Set Screw, for 165271 (2)                                                                    |
| 141441(869)     | Auxiliary Looper Securing Screw, for 165266                                                                                     |
| 165276          | Auxiliary Looper Shaft with 1313(803), for 165277                                                                               |
| 165277          | Auxiliary Looper Shaft 165276 with 165278 and two 165260                                                                        |
| 165260          | Auxiliary Looper Shaft Cross Oil Wick, for 165277 (2)                                                                           |
| 165278          | Auxiliary Looper Shaft Oil Wick, for 165277                                                                                     |
| 165279          | Auxiliary Looper Shaft Bushing (front)                                                                                          |
| 165280          | Auxiliary Looper Shaft Bushing (rear)                                                                                           |
| 165281          | Auxiliary Looper Shaft Position Collar with 350606(869)                                                                         |
| 350606(869)     | Auxiliary Looper Shaft Position Collar Screw, for 165281                                                                        |
| 165282          | Auxiliary Looper Shaft Position Spacer                                                                                          |
| 1313(803)       | Auxiliary Looper Shaft Screw, for 165276                                                                                        |
| 165417          | Chain Cutter complete, Nos. 665(809), 164861 and 165471                                                                         |
| 165471          | Chain Cutter Holder, for 165417                                                                                                 |

List of Parts Complete, for Machine No. 460-55

| <u>Part No.</u> | <u>Description</u>                                                                  |
|-----------------|-------------------------------------------------------------------------------------|
| 164861          | Chain Cutter Knife, for 165417                                                      |
| 665(809)        | Chain Cutter Knife Screw, for 165417                                                |
| 51362(809)      | Chain Cutter Screw (2)                                                              |
| 165514          | Cloth Plate, for 165292                                                             |
| 165287          | Cloth Plate Lock Spring, for 165292                                                 |
| 219(809)        | Cloth Plate Lock Spring Screw, for 165292 (2)                                       |
| 1250(830)       | Cloth Plate Lock Spring Securing Post (screw)                                       |
| 51408(832)      | Cloth Plate Position Bracket Screw, for 165292                                      |
| 1700(809)       | Cloth Plate Position Bracket Screw Nut, for 165292                                  |
| 165290          | Cloth Plate Position Collar with two 141301(869)                                    |
| 141301(869)     | Cloth Plate Position Collar Set Screw, for 165290 (2)                               |
| 165292          | Cloth Plate complete, Nos. 1700(809), 51408(832), 165287, 165514 and two 219(809)   |
| 165294          | Differential Feed Driving Arm                                                       |
| 165502          | Differential Feed Driving Arm Guide Plate (left)                                    |
| 165503          | Differential Feed Driving Arm Guide Plate (right)                                   |
| 51408(830)      | Differential Feed Driving Arm Guide Plate Securing Screw (2)                        |
| 165295          | Differential Feed Driving Arm Locating Plate (2)                                    |
| 50027(810)      | Differential Feed Driving Arm Locating Plate Screw (4)                              |
| 165289          | Differential Feed Driving Arm Slide Block, for 165334                               |
| 165297          | Differential Feed Indicator Plate, for 165298                                       |
| 165298          | Differential Feed Indicator Plate 165297 with two each 1324(809), 131695 and 165300 |
| 50073(809)      | Differential Feed Indicator Plate Screw (2)                                         |

List of Parts Complete, for Machine No. 460-55

| <u>Part No.</u> | <u>Description</u>                                               |
|-----------------|------------------------------------------------------------------|
| 165299          | Differential Feed Lever                                          |
| 63(809)         | Differential Feed Lever Hinge Screw                              |
| 165511          | Differential Feed Lever Spring                                   |
| 1004(809)       | Differential Feed Lever Spring Post Screw                        |
| 165300          | Differential Feed Lever Stop Collar, for 165298 (2)              |
| 1324(809)       | Differential Feed Lever Stop Collar Screw, for 165298 (2)        |
| 131695          | Differential Feed Lever Stop Collar Screw Washer, for 165298 (2) |
| 165303          | Feed Bar Hinge Pin (eccentric) Collar with 141292(869)           |
| 141292(869)     | Feed Bar Hinge Pin (eccentric) Collar Screw, for 165303          |
| 165301          | Feed Bar Hinge Pin (eccentric) with 141292(869)                  |
| 141292(869)     | Feed Bar Hinge Pin (eccentric) Set Screw, for 165301             |
| 165305          | Feed Bar Hinge Pin (eccentric) Positioning Pin                   |
| 141292(869)     | Feed Bar Hinge Pin (eccentric) Positioning Pin Set Screw         |
| 164004          | Feed Bar Slide Block (back)                                      |
| 165135          | Feed Bar Slide Block (front, right)                              |
| 165306          | Feed (back) Bar                                                  |
| 165307          | Feed (back) Bar Connection, for 165308                           |
| 165308          | Feed (back) Bar Connection 165307 with 165259, 165310 and 165311 |
| 165309          | Feed (back) Bar Connection Bushing                               |
| 165259          | Feed (back) Bar Connection Oil Wick (long), for 165308           |
| 165310          | Feed (back) Bar Connection Oil Wick (short), for 165308          |
| 165311          | Feed (back) Bar Connection Oil Wick Retaining Pin, for 165308    |
| 141420(803)     | Feed (back) Bar Connection Screw                                 |

List of Parts Complete, for Machine No. 460-55

| <u>Part No.</u> | <u>Description</u>                                                    |
|-----------------|-----------------------------------------------------------------------|
| 131695          | Feed (back) Bar Connection Screw Washer                               |
| 165313          | Feed (back) Bar Driving Arm with 350606(869)                          |
| 350606(869)     | Feed (back) Bar Driving Arm Clamp Screw, for 165313                   |
| 165315,         | Feed (back) Bar Driving Arm Eccentric Stud                            |
| 1550(803)       | Feed (back) Bar Driving Arm Eccentric Stud Nut                        |
| 17022           | Feed (back) Bar Driving Arm Eccentric Stud Washer                     |
| 165317          | Feed (back) Bar Guide Bracket                                         |
| 350656(869)     | Feed (back) Bar Guide Bracket Set Screw                               |
| 165318          | Feed (back) Dog Section (left), for 165320                            |
| 165319          | Feed (back) Dog Section (right), for 165320                           |
| 1100(830)       | Feed (back) Dog Section (right) Screw, for 165320                     |
| 165320          | Feed (back) Dog complete, Nos. 1100(830), 165318 and 165319           |
| 1454(806)       | Feed (back) Dog Screw                                                 |
| 165323          | Feed Eccentric (adjustable) End Washer, for 165343                    |
| 51302(806)      | Feed Eccentric (adjustable) End Washer Securing Screw, for 165343 (3) |
| 350656(869)     | Feed Eccentric (adjustable) Set Screw, for 165343                     |
| 165324          | Feed Eccentric (adjustable) Slide Bearing, for 165343                 |
| 51145(803)      | Feed Eccentric (adjustable) Slide Journal Adjusting Screw, for 165343 |
| 1445(803)       | Feed Eccentric (adjustable) Slide Journal Locking Screw, for 165343   |
| 165326          | Feed (front) Bar                                                      |
| 165327          | Feed (front) Bar Connection, for 165328                               |
| 165328          | Feed (front) Bar Connection 165327 with 165259, 165330 and two 165311 |

List of Parts Complete, for Machine No. 460-55

| <u>Part No.</u> | <u>Description</u>                                                                                          |
|-----------------|-------------------------------------------------------------------------------------------------------------|
| 165329          | Feed (front) Bar Connection Bushing                                                                         |
| 165259          | Feed (front) Bar Connection Oil Wick (long), for 165328                                                     |
| 165330          | Feed (front) Bar Connection Oil Wick (short), for 165328                                                    |
| 165311          | Feed (front) Bar Connection Oil Wick Retaining Pin, for 165328 (2)                                          |
| 141421(803)     | Feed (front) Bar Connection Screw                                                                           |
| 131695          | Feed (front) Bar Connection Screw Washer                                                                    |
| 165331          | Feed (front) Bar Driving Arm with 350606(869), for 165334                                                   |
| 350606(869)     | Feed (front) Bar Driving Arm Clamp Screw, for 165331                                                        |
| 165333          | Feed (front) Bar Driving Arm Slide Block, for 165334                                                        |
| 165334          | Feed (front) Bar Driving Arm Slide Block 165333 with 141434(830), 165289, 165331, 165335, 165336 and 165472 |
| 165335          | Feed (front) Bar Driving Arm Slide Block (adjustable) Shoe, for 165334                                      |
| 165336          | Feed (front) Bar Driving Arm Slide Block (adjustable) Shoe Eccentric, for 165334                            |
| 141434(830)     | Feed (front) Bar Driving Arm Slide Block (adjustable) Shoe Eccentric Clamping Screw, for 165334             |
| 165472          | Feed (front) Bar Driving Arm Slide Block Lifting Stud Retainer, for 165334                                  |
| 165338          | Feed (front) Bar Wearing Plate                                                                              |
| 1094(806)       | Feed (front) Bar Wearing Plate Screw                                                                        |
| 165339          | Feed (front) Dog                                                                                            |
| 1454(806)       | Feed (front) Dog Screw                                                                                      |
| 165340          | Feed Driving Arm with 350606(869), for 165343                                                               |
| 350606(869)     | Feed Driving Arm Clamp Screw, for 165340                                                                    |
| 165342          | Feed Driving Arm Connection with 141301(869), for 165343                                                    |

List of Parts Complete, for Machine No. 460-55

| <u>Part No.</u> | <u>Description</u>                                                                                                                  |
|-----------------|-------------------------------------------------------------------------------------------------------------------------------------|
| 165343          | Feed Driving Arm Connection 165342 with 1445(803), 51145(803), 165323, 165324, 165340, 165345, two 350656(869) and three 51302(806) |
| 141301(869)     | Feed Driving Arm Connection Set Screw, for 165342                                                                                   |
| 165344          | Feed Driving Arm Hinge Pin, for 165345                                                                                              |
| 165345          | Feed Driving Arm Hinge Pin 165344 with 165259 and two 165346, for 165343                                                            |
| 165346          | Feed Driving Arm Hinge Pin Cross Oil Wick, for 165345 (2)                                                                           |
| 165259          | Feed Driving Arm Hinge Pin Oil Wick, for 165345                                                                                     |
| 165347          | Feed Driving Shaft, for 165348                                                                                                      |
| 165348          | Feed Driving Shaft 165347 with 165350 and two 165349                                                                                |
| 165349          | Feed Driving Shaft Cross Oil Wick, for 165348 (2)                                                                                   |
| 165350          | Feed Driving Shaft Oil Wick, for 165348                                                                                             |
| 165290          | Feed Driving Shaft Position Collar with two 141301(869)                                                                             |
| 141301(869)     | Feed Driving Shaft Position Collar Set Screw, for 165290 (2)                                                                        |
| 165351          | Feed Driving Shaft Bushing (left)                                                                                                   |
| 165352          | Feed Driving Shaft Bushing (right)                                                                                                  |
| 165136          | Feed Lifting and Knife (movable) Eccentric                                                                                          |
| 164550          | Knife (movable)                                                                                                                     |
| 164027          | Knife (movable) Clamp                                                                                                               |
| 141422(832)     | Knife (movable) Clamp Screw                                                                                                         |
| 165291          | Knife (movable) Guard (lower)                                                                                                       |
| 165513          | Knife (movable) Guard (stationary)                                                                                                  |
| 227(809)        | Knife (movable) Guard (stationary) Screw                                                                                            |
| 165487          | Knife (movable) Guard (upper)                                                                                                       |

List of Parts Complete, for Machine No. 460-55

| <u>Part No.</u> | <u>Description</u>                                                                                                                                                 |
|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 164029-003      | Knife (movable) Holder                                                                                                                                             |
| 141423(809)     | Knife (movable) Holder Screw                                                                                                                                       |
| 164030          | Knife (movable) Holder Screw Bearing                                                                                                                               |
| 165353          | Knife (movable) Holder Spacer                                                                                                                                      |
| 82256           | Knife (movable) Hinged Cover Hinge, for 165355                                                                                                                     |
| 82257           | Knife (movable) Hinged Cover Pin, for 165355                                                                                                                       |
| 165355          | Knife (movable) Hinged Cover with 82256 and 82257, for 165359                                                                                                      |
| 82259           | Knife (movable) Hinged Cover Spring, for 165359                                                                                                                    |
| 50318(809)      | Knife (movable) Hinged Cover Screw, for 165359 (2)                                                                                                                 |
| 165356          | Knife (movable) Lever with 109927(869), for 165358                                                                                                                 |
| 165358          | Knife (movable) Lever 165356 with 82271, 132583, 164035 and 165456                                                                                                 |
| 164032          | Knife (movable) Lever Bearing                                                                                                                                      |
| 1036(830)       | Knife (movable) Lever Bearing Set Screw                                                                                                                            |
| 82274           | Knife (movable) Lever Cover and Presser Bar (upright) Housing with 460(830), for 165359                                                                            |
| 50073(809)      | Knife (movable) Lever Cover and Presser Bar (upright) Housing Screw (2)                                                                                            |
| 165359          | Knife (movable) Lever Cover and Presser Bar (upright) Housing 82274 with 82259, 165355 and two 50318(809), for 165360                                              |
| 165360          | Knife (movable) Lever Cover and Presser Bar (upright) Housing complete, Nos. 50060(810), 164137, 164138, 164139, 164142, 164194, 164416, 165359, 165421 and 165459 |
| 82337           | Knife (movable) Lever Guide, for 82340                                                                                                                             |
| 82338           | Knife (movable) Lever Guide and Needle Thread Bridge Bracket                                                                                                       |
| 1423(809)       | Knife (movable) Lever Guide and Needle Thread Bridge Bracket Screw, for 82340                                                                                      |

List of Parts Complete, for Machine No. 460-55

| <u>Part No.</u> | <u>Description</u>                                                                      |
|-----------------|-----------------------------------------------------------------------------------------|
| 82339           | Knife (movable) Lever Guide and Needle Thread Bridge Eyelet for 82340                   |
| 1423(809)       | Knife (movable) Lever Guide and Needle Thread Eyelet Screw, for 82340                   |
| 460(830)        | Knife (movable) Lever Guide Thread Tube Set Screw, for 82340                            |
| 82340           | Knife (movable) Lever Guide 82337 with 460(830), 82338, 82339, 164182 and two 1423(809) |
| 164182          | Knife (movable) Lever Guide Holder Thread Tube, for 82340                               |
| 447(830)        | Knife (movable) Lever Guide Holder Thread Tube Set Screw (machine frame end)            |
| 132583          | Knife (movable) Lever Hinge Pin with 132584, for 165358                                 |
| 132584          | Knife (movable) Lever Hinge Pin Oil Wick, for 132583                                    |
| 109927(869)     | Knife (movable) Lever Hinge Pin Set Screw, for 165356                                   |
| 164034          | Knife (movable) Lever Hinge Stud, for 164035                                            |
| 164035          | Knife (movable) Lever Hinge Stud 164034 with 164036 and 164269, for 165358              |
| 164036          | Knife (movable) Lever Hinge Stud Oil Wick (long), for 164035                            |
| 101844          | Knife (movable) Lever Hinge Stud Oil Wick (long) Protection Sleeve                      |
| 164269          | Knife (movable) Lever Hinge Stud Oil Wick (short), for 164035                           |
| 447(830)        | Knife (movable) Lever Hinge Stud Set Screw (back)                                       |
| 1143(830)       | Knife (movable) Lever Hinge Stud Set Screw (top)                                        |
| 164728          | Knife (stationary)                                                                      |
| 164744          | Knife (stationary) Clamping Gib, for 165362                                             |
| 50650(832)      | Knife (stationary) Clamping Gib Screw, for 165362                                       |
| 165510          | Knife (stationary) Holder, for 165361                                                   |

List of Parts Complete, for Machine No. 460-55

| <u>Part No.</u> | <u>Description</u>                                                                               |
|-----------------|--------------------------------------------------------------------------------------------------|
| 165361          | Knife (stationary) Holder (adjustable) complete, Nos. 141444(830), 164745 and 165510, for 165362 |
| 165362          | Knife (stationary) Holder (adjustable) with Gib complete, Nos. 50650(832), 164744 and 165361     |
| 164590          | Knife (stationary) Holder Adjusting Stud                                                         |
| 190(805)        | Knife (stationary) Holder Adjusting Stud Cap Screw                                               |
| 39541           | Knife (stationary) Holder Adjusting Stud Cap Screw Washer                                        |
| 164745          | Knife (stationary) Holder Body with two 50611(803), for 165361                                   |
| 50611(803)      | Knife (stationary) Holder Position Screw, for 164745 (2)                                         |
| 141444(830)     | Knife (stationary) Holder Screw, for 165361                                                      |
| 164042          | Knife (stationary) Holder Sleeve                                                                 |
| 140088(805)     | Knife (stationary) Holder Sleeve Screw                                                           |
| 175032          | Knife (stationary) Holder Sleeve Screw Washer                                                    |
| 164043          | Knife (stationary) Holder Spring                                                                 |
| 164525          | Knife (stationary) Holder Spring Stud                                                            |
| 164462          | Lint Stripper with 109935(830) (2)                                                               |
| 109935(830)     | Lint Stripper Screw, for 164462 (2)                                                              |
| 87025           | Looper (left hand)                                                                               |
| 164046          | Looper (left hand) Carrier with 460(830), 50379(806) and 164202, for 164661                      |
| 165363          | Looper (left hand) Carrier Access Plate                                                          |
| 691(805)        | Looper (left hand) Carrier Access Plate Screw (2)                                                |
| 165504          | Looper (left hand) Carrier Access Plate Taper Pin (2)                                            |
| 164660          | Looper (left hand) Carrier Holder with 1083(803), 140393(830) and 140596(830), for 164661        |
| 164661          | Looper (left hand) Carrier Holder 164660 with 1324(830), 59456 and 164046                        |

List of Parts Complete, for Machine No. 460-55

| <u>Part No.</u> | <u>Description</u>                                                                                                         |
|-----------------|----------------------------------------------------------------------------------------------------------------------------|
| 1083(803)       | Looper (left hand) Carrier Holder Clamping Screw, for 164660                                                               |
| 140596(830)     | Looper (left hand) Carrier Holder Set Screw (left), for 164660                                                             |
| 140393(830)     | Looper (left hand) Carrier Holder Set Screw (right), for 164660                                                            |
| 1324(830)       | Looper (left hand) Carrier Screw, for 164661                                                                               |
| 460(830)        | Looper (left hand) Carrier Screw Set Screw, for 164046                                                                     |
| 59456           | Looper (left hand) Carrier Holder Washer, for 164661                                                                       |
| 164048          | Looper (left hand) Driving Shaft                                                                                           |
| 164049          | Looper (left hand) Driving Shaft Bushing (back)                                                                            |
| 95784           | Looper (left hand) Driving Shaft Bushing (front)                                                                           |
| 164051          | Looper (left hand) Driving Shaft Crank with 1083(803), for 93552                                                           |
| 1083(803)       | Looper (left hand) Driving Shaft Crank Clamping Screw, for 164051                                                          |
| 93552           | Looper (left hand) Driving Shaft Crank Connection with 164051, 164093 and two each 109925(830) and 140159(830), for 165397 |
| 109925(830)     | Looper (left hand) Driving Shaft Crank Connection Cap (lower) Screw, for 93552 (2)                                         |
| 140159(830)     | Looper (left hand) Driving Shaft Crank Connection Cap (upper) Screw, for 93552 (2)                                         |
| 164067          | Looper (left hand) Driving Shaft Crank Key                                                                                 |
| 1324(830)       | Looper (left hand) Driving Shaft Crank Key Screw                                                                           |
| 45057           | Looper (left hand) Driving Shaft Crank Key Screw Washer                                                                    |
| 164053          | Looper (left hand) Driving Shaft Crank Thrust Bearing                                                                      |
| 164739          | Looper (left hand) Driving Shaft Oil Ring (rubber)                                                                         |
| 164740          | Looper (left hand) Driving Shaft Oil Ring Spacer                                                                           |
| 50379(806)      | Looper (left hand) Set Screw, for 164046                                                                                   |

List of Parts Complete, for Machine No. 460-55

| <u>Part No.</u> | <u>Description</u>                                                                                                            |
|-----------------|-------------------------------------------------------------------------------------------------------------------------------|
| 164202          | Looper (left hand) Stop Pin, for 164046                                                                                       |
| 87027           | Looper (right hand)                                                                                                           |
| 165364          | Looper (right hand) Carrier Connecting Link, for 165366                                                                       |
| 141425(803)     | Looper (right hand) Carrier Connecting Link Adjusting Screw                                                                   |
| 440(830)        | Looper (right hand) Carrier Connecting Link Adjusting Screw Stop Screw                                                        |
| 1700(809)       | Looper (right hand) Carrier Connecting Link Adjusting Screw Stop Screw Nut                                                    |
| 165365          | Looper (right hand) Carrier Connecting Link Adjusting Sleeve                                                                  |
| 721(803)        | Looper (right hand) Carrier Connecting Link Adjusting Sleeve Stop Screw                                                       |
| 165283          | Looper (right hand) Carrier Connecting Link Adjusting Sleeve Stop Screw (nut), for 165515                                     |
| 165515          | Looper (right hand) Carrier Connecting Link Adjusting Sleeve Stop Screw (nut) 165283 with 665(803) and 165489                 |
| 165489          | Looper (right hand) Carrier Connecting Link Adjusting Sleeve Stop Screw (nut) Spring Clip, for 165515                         |
| 665(803)        | Looper (right hand) Carrier Connecting Link Adjusting Sleeve Stop Screw (nut) Spring Clip Screw, for 165515                   |
| 101787          | Looper (right hand) Carrier Connecting Link Hinge Pin (upper), for 165366                                                     |
| 132584          | Looper (right hand) Carrier Connecting Link Hinge Pin Oil Wick, for 165367 and 165368 (2)                                     |
| 109927(869)     | Looper (right hand) Carrier Connecting Link Hinge Pin Set Screw, for 165366 (2)                                               |
| 1083(803)       | Looper (right hand) Driving Lever Clamping Screw, for 165366                                                                  |
| 140596(830)     | Looper (right hand) Driving Lever Clamping Screw, for 165367 and 165368 (2)                                                   |
| 165366          | Looper (right hand) Four-Bar Linkage (Sub-Assembly) with 1083(803), 101787, 165364 and two 109927(869), for 165367 and 165368 |

List of Parts Complete, for Machine No. 460-55

| <u>Part No.</u> | <u>Description</u>                                                                                                          |
|-----------------|-----------------------------------------------------------------------------------------------------------------------------|
| 165367          | Looper (right hand) Four-Bar Linkage Mechanism complete, Nos. 165366 and two each 132584 and 140596(830)                    |
| 165368          | Looper (right hand) Driving Lever complete, Nos. 1700(809), 164068, 165366 and two each 132584 and 140596(830)              |
| 164063          | Looper (right hand) Driving Shaft                                                                                           |
| 164049          | Looper (right hand) Driving Shaft Bushing (back)                                                                            |
| 140394(805)     | Looper (right hand) Driving Shaft Bushing (back) Cap Screw                                                                  |
| 164293          | Looper (right hand) Driving Shaft Bushing (back) Cap Screw Washer                                                           |
| 95785           | Looper (right hand) Driving Shaft Bushing (front)                                                                           |
| 164066          | Looper (right hand) Driving Shaft Crank with 1083(803), for 93553                                                           |
| 1083(803)       | Looper (right hand) Driving Shaft Crank Clamping Screw, for 164066                                                          |
| 93553           | Looper (right hand) Driving Shaft Crank Connection with 164066, 164093 and two each 109925(830) and 140159(830), for 165397 |
| 109925(830)     | Looper (right hand) Driving Shaft Crank Connection Cap (lower) Screw, for 93553 (2)                                         |
| 140159(830)     | Looper (right hand) Driving Shaft Crank Connection Cap (upper) Screw, for 93553 (2)                                         |
| 164067          | Looper (right hand) Driving Shaft Crank Key                                                                                 |
| 1324(803)       | Looper (right hand) Driving Shaft Crank Key Screw                                                                           |
| 45057           | Looper (right hand) Driving Shaft Crank Key Screw Washer                                                                    |
| 164053          | Looper (right hand) Driving Shaft Crank Thrust Bearing                                                                      |
| 164739          | Looper (right hand) Driving Shaft Oil Ring (rubber)                                                                         |
| 164740          | Looper (right hand) Driving Shaft Oil Ring Spacer                                                                           |
| 164068          | Looper (right hand) Locking Screw Stud, for 165368                                                                          |

List of Parts Complete, for Machine No. 460-55

| <u>Part No.</u> | <u>Description</u>                                                                                                                          |
|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| 1700(809)       | Looper (right hand) Locking Screw Stud Nut, for 165368                                                                                      |
| 164219          | Looper (right hand) Position Collar with 904(830)                                                                                           |
| 904(830)        | Looper (right hand) Position Collar Set Screw, for 164219                                                                                   |
| 165518          | Machine Frame Bottom Cover                                                                                                                  |
| 101858          | Machine Frame Bottom Cover Gasket                                                                                                           |
| 157(803)        | Machine Frame Bottom Cover Screw (13)                                                                                                       |
| 165373          | Machine Frame End Cover Dowel Pin (2)                                                                                                       |
| 165374          | Machine Frame End Cover Oil Plug                                                                                                            |
| 350687(869)     | Machine Frame End Cover Screw (6)                                                                                                           |
| 165490          | Machine Frame Front Cover (Color Code 728)                                                                                                  |
| 165492          | Machine Frame Front Cover Hinge Pin, for 165498                                                                                             |
| 163003          | Machine Frame Front Cover Hinge Pin Securing Pin (roll pin),<br>for 165498                                                                  |
| 165494          | Machine Frame Front Cover Hinge Pin Spring, for 165498                                                                                      |
| 50556(810)      | Machine Frame Front Cover Hinge Pin Stop Screw, for 165498                                                                                  |
| 1550(809)       | Machine Frame Front Cover Hinge Pin Stop Screw Nut, for<br>165498                                                                           |
| 165495          | Machine Frame Front Cover Hinge Tray, for 165498 (Color<br>Code 728)                                                                        |
| 165498          | Machine Frame Front Cover Hinge Tray with Front Cover<br>complete, Nos. 1550(809), 50556(810), 163003, 165490, 165492,<br>165494 and 165495 |
| 50571(810)      | Machine Frame Front Cover Hinge Tray Screw (long)                                                                                           |
| 1454(810)       | Machine Frame Front Cover Hinge Tray Screw (short)                                                                                          |
| 165499          | Machine Frame Front Cover Shield (Color Code 728)                                                                                           |
| 1094(809)       | Machine Frame Front Cover Shield Screw                                                                                                      |

List of Parts Complete, for Machine No. 460-55

| <u>Part No.</u> | <u>Description</u>                                               |
|-----------------|------------------------------------------------------------------|
| 165395          | Machine Frame Oil Drain Plate                                    |
| 165384          | Machine Frame Oil Drain Plate Screen                             |
| 165519          | Machine Frame Oil Drain Plate Filter (felt)                      |
| 1454(830)       | Machine Frame Oil Drain Plate Screw (2)                          |
| 165370          | Machine Frame Oil Hole Plug (2)                                  |
| 82297           | Machine Frame Oil Lead                                           |
| 140088(813)     | Machine Frame Oil Lead Screw                                     |
| 39541           | Machine Frame Oil Lead Screw Washer                              |
| 1698(809)       | Machine Frame Oil Lead Screw Nut                                 |
| 101795          | Machine Frame Oil Lead Tube Support                              |
| 165521          | Machine Frame Oil Pad (felt)                                     |
| 165522          | Machine Frame Oil Sight Gauge (lucite)                           |
| 165386          | Machine Frame Oil Splash Cover (bottom)                          |
| 50163(803)      | Machine Frame Oil Splash Cover (bottom) Support (back) Screw (2) |
| 1094(806)       | Machine Frame Oil Splash Cover (bottom) Support (front) Screw    |
| 165389          | Machine Frame Oil Splash Cover (top)                             |
| 140394(830)     | Machine Frame Oil Splash Cover (top) Access Screw                |
| 691(830)        | Machine Frame Oil Splash Cover (top) Screw (2)                   |
| 165392          | Machine Frame Oil Splash Guard (top)                             |
| 50123(818)      | Machine Frame Oil Splash Guard (top) Screw (2)                   |
| 165153          | Machine Frame Oil Tube (upper) for 165185                        |
| 165185          | Machine Frame Oil Tube (upper) 165153 with 165154                |
| 165154          | Machine Frame Oil Tube Wick, for 165185                          |

List of Parts Complete, for Machine No. 460-55

| <u>Part No.</u> | <u>Description</u>                                                                                                                           |
|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| 624(830)        | Machine Frame Oil Tube Set Screw                                                                                                             |
| 165396          | Machine Frame Rotary Shaft with 165405 and five 165402                                                                                       |
| 165397          | Machine Frame Rotary Shaft with 93552, 93553, 139026, 164096, 164100, 164217, 165404, 165405, 165474, two each 98930, 165520 and five 165402 |
| 139026          | Machine Frame Rotary Shaft Ball Bearing, for 165397                                                                                          |
| 165238          | Machine Frame Rotary Shaft Ball Bearing Housing                                                                                              |
| 165239          | Machine Frame Rotary Shaft Ball Bearing Housing Gasket                                                                                       |
| 51369(803)      | Machine Frame Rotary Shaft Ball Bearing Housing Screw (3)                                                                                    |
| 164093          | Machine Frame Rotary Shaft Ball Sleeve (two pieces), for 93552                                                                               |
| 98930           | Machine Frame Rotary Shaft Ball Sleeve Guide, for 165397 (2)                                                                                 |
| 165399          | Machine Frame Rotary Shaft Bearing (left)                                                                                                    |
| 165400          | Machine Frame Rotary Shaft Bearing (left) Cover (Color Code 728)                                                                             |
| 691(809)        | Machine Frame Rotary Shaft Bearing (left) Cover Securing Screw (2)                                                                           |
| 165401          | Machine Frame Rotary Shaft Bearing (left) Cover Gasket                                                                                       |
| 165170          | Machine Frame Rotary Shaft Bushing (front)                                                                                                   |
| 1036(830)       | Machine Frame Rotary Shaft Bushing (front) Set Screw                                                                                         |
| 165474          | Machine Frame Rotary Shaft Bushing (intermediate), for 165397                                                                                |
| 165240          | Machine Frame Rotary Shaft Bushing (intermediate) Oil Screen                                                                                 |
| 1036(830)       | Machine Frame Rotary Shaft Bushing (intermediate) Set Screw                                                                                  |
| 164096          | Machine Frame Rotary Shaft Counterbalance with 1036(830), for 165397                                                                         |
| 1036(830)       | Machine Frame Rotary Shaft Counterbalance Set Screw, for 164096                                                                              |
| 165402          | Machine Frame Rotary Shaft Cross Oil Wick, for 165396 and 165397 (5)                                                                         |

List of Parts Complete, for Machine No. 460-55

| <u>Part No.</u> | <u>Description</u>                                                     |
|-----------------|------------------------------------------------------------------------|
| 165403          | Machine Frame Rotary Shaft Extension                                   |
| 165404          | Machine Frame Rotary Shaft Key, for 165397                             |
| 164098          | Machine Frame Rotary Shaft Oil and Ball Bearing Grease Retainer        |
| 165405          | Machine Frame Rotary Shaft Oil Wick, for 165396 and 165397             |
| 164099          | Machine Frame Rotary Shaft Screw Stud                                  |
| 164100          | Machine Frame Rotary Shaft Thrust Bearing, for 165397                  |
| 164101          | Machine Frame Top Cover, for 81389-002                                 |
| 81389-002       | Machine Frame Top Cover 164101 with 330(809), 81226-002 and two 164418 |
| 164102          | Machine Frame Top Cover Gasket                                         |
| 81226-002       | Machine Frame Top Cover Oil Lead, for 81389-002                        |
| 330(809)        | Machine Frame Top Cover Oil Lead Screw, for 81389-002                  |
| 51369(809)      | Machine Frame Top Cover Screw (2)                                      |
| 165406          | Machine Frame Wearing Plate (inside)                                   |
| 691(803)        | Machine Frame Wearing Plate (inside) Screw (2)                         |
| 624(830)        | Machine Frame Wearing Plate (outside) Screw (2)                        |
| 165486          | Machine Frame Wearing Plate (outside)                                  |
| 164231          | Machine Pulley with two 448(830)                                       |
| 164071          | Machine Pulley Cap                                                     |
| 140416(841)     | Machine Pulley Cap Screw                                               |
| 448(830)        | Machine Pulley Set Screw, for 164231 (2)                               |
| -----           | Needle-Catalog No. 1432, Size 14                                       |
| -----           | Needle-Catalog No. 6508, Size 14                                       |

List of Parts Complete, for Machine No. 460-55

| <u>Part No.</u> | <u>Description</u>                                                                                        |
|-----------------|-----------------------------------------------------------------------------------------------------------|
| 165407          | Needle Driving Shaft with two each 190(805), 93505 and 141247(869)                                        |
| 82310           | Needle Driving Shaft Bushing                                                                              |
| 82311           | Needle Driving Shaft Bushing Cap                                                                          |
| 109876(805)     | Needle Driving Shaft Bushing Locating Screw                                                               |
| 164114          | Needle Driving Shaft Crank with 1083(803) and two 140596(830), for 164217                                 |
| 164115          | Needle Driving Shaft Crank Ball, for 164217                                                               |
| 1083(803)       | Needle Driving Shaft Crank Clamping Screw, for 164114                                                     |
| 164217          | Needle Driving Shaft Crank Connection with 164114, 164115, and two each 157(830) and 171(830), for 165397 |
| 157(830)        | Needle Driving Shaft Crank Connection Cap (lower) Screw, for 164217 (2)                                   |
| 171(830)        | Needle Driving Shaft Crank Connection Cap (upper) Screw, for 164217 (2)                                   |
| 140596(830)     | Needle Driving Shaft Crank Set Screw, for 164114 (2)                                                      |
| 190(805)        | Needle Driving Shaft Needle Clamping Plate Screw, for 165407 (2)                                          |
| 165408          | Needle Guard (auxiliary needle)                                                                           |
| 165412          | Needle Guard (overedge needle) Body with 141247(869)                                                      |
| 141247(869)     | Needle Guard (overedge needle) Body Set Screw, for 165412                                                 |
| 350656(869)     | Needle Guard Screw                                                                                        |
| 141247(869)     | Needle Securing Screw, for 165407 (2)                                                                     |
| 93505           | Needle Stop Pin, for 165407 (2)                                                                           |
| 165520          | Oil Agitator, for 165397 (2)                                                                              |
| 165414          | Oil Cooler with 164125 and 165416                                                                         |
| 101804          | Oil Cooler Cover with 164135, for 101805                                                                  |

List of Parts Complete, for Machine No. 460-55

| <u>Part No.</u> | <u>Description</u>                                                        |
|-----------------|---------------------------------------------------------------------------|
| 101805          | Oil Cooler Cover 101804 with 101806                                       |
| 101806          | Oil Cooler Cover Gasket, for 101805                                       |
| 145(809)        | Oil Cooler Cover Screw                                                    |
| 165415          | Oil Cooler Gasket                                                         |
| 165416          | Oil Cooler Oil Pipe (outlet, left), for 165414                            |
| 164125          | Oil Cooler Oil Pipe (outlet, right), for 165414                           |
| 51139(809)      | Oil Cooler Screw (long) (2)                                               |
| 157(803)        | Oil Cooler Screw (short)                                                  |
| 164135          | Oil Cup, for filling machine, for 101804                                  |
| 82271           | Presser Bar Bracket, for 165358                                           |
| 164137          | Presser Bar Lifting Bracket with 462(830), 624(830) and 51846, for 165360 |
| 51846           | Presser Bar Lifting Bracket Roller and Stud, for 164137                   |
| 624(830)        | Presser Bar Lifting Bracket Set Screw (long), for 164137                  |
| 462(830)        | Presser Bar Lifting Bracket Set Screw (short), for 164137                 |
| 164138          | Presser Bar Lifting Lever, for 165360                                     |
| 164139          | Presser Bar Lifting Lever Spring, for 165360                              |
| 109898(803)     | Presser Bar Lifting Lever Stop Screw                                      |
| 1637(819)       | Presser Bar Lifting Lever Stop Screw Nut                                  |
| 165419          | Presser Bar (swing-out)                                                   |
| 164141          | Presser Bar (swing-out) Lifting Screw Stud                                |
| 1700(809)       | Presser Bar (swing-out) Lifting Screw Stud Nut                            |
| 164142          | Presser Bar (swing-out) Opening Lever, for 165360                         |
| 50060(810)      | Presser Bar (swing-out) Opening Lever Hinge Screw, for 165360             |

List of Parts Complete, for Machine No. 460-55

| <u>Part No.</u> | <u>Description</u>                                                                                                                        |
|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| 140510(803)     | Presser Bar (swing-out) Pivot Screw                                                                                                       |
| 164351(809)     | Presser Bar (swing-out) Pivot Screw Locking Plate                                                                                         |
| 51362(830)      | Presser Bar (swing-out) Pivot Screw Locking Plate Screw                                                                                   |
| 165421          | Presser Bar (upright), for 165360                                                                                                         |
| 164144          | Presser Bar (upright) Spring                                                                                                              |
| 164416          | Presser Bar (upright) Spring (heavy), for 165360                                                                                          |
|                 | Note: No. 164416 is regularly furnished with machine.                                                                                     |
| 165422          | Presser Foot Body, for 165431                                                                                                             |
| 165423          | Presser Foot Body Guide Plate, for 165431                                                                                                 |
| 240(809)        | Presser Foot Body Guide Plate Screw, for 165431                                                                                           |
| 165424          | Presser Foot Clamp (swivel) with 141441(869), for 165431                                                                                  |
| 141441(869)     | Presser Foot Clamp (swivel) Clamp Screw, for 165424                                                                                       |
| 141435(803)     | Presser Foot Clamp (swivel) Screw, for 165431                                                                                             |
| 165427          | Presser Foot Extension (hinged), for 165431                                                                                               |
| 141436(803)     | Presser Foot Extension (hinged) Screw, for 165431                                                                                         |
| 53663(803)      | Presser Foot Extension (hinged) Screw Nut, for 165431                                                                                     |
| 165429          | Presser Foot Extension (hinged) Spring, for 165431                                                                                        |
| 165430          | Presser Foot Spring, for 165431                                                                                                           |
| 50111(809)      | Presser Foot Spring Screw, for 165431                                                                                                     |
| 165431          | Presser Foot complete, Nos. 240(809), 50111(809), 53663(803), 141435(803), 141436(803), 165422, 165423, 165424, 165427, 165429 and 165430 |
| 164194          | Pressure Regulating Thumb Screw, for 165360                                                                                               |
| 2102            | Tension (heavy) Disc, for 164162 (6)                                                                                                      |

List of Parts Complete, for Machine No. 460-55

| <u>Part No.</u> | <u>Description</u>                                                            |
|-----------------|-------------------------------------------------------------------------------|
| 164155          | Tension (heavy) Regulating Thumb Nut, for 164156 (3)                          |
| 50133(803)      | Tension (heavy) Screw Stud, for 165156 (3)                                    |
| 1700(809)       | Tension (heavy) Screw Stud Nut, for 164630 (2)                                |
| 164156          | Tension (heavy) Screw Stud 50133(803) and 164155, for 164162 (3)              |
| 164161          | Tension (heavy) Spring, for 164162 (3)                                        |
| 59537           | Tension (heavy) Spring Bushing, for 164162 (3)                                |
| 164158          | Tension (heavy) Spring Cover, for 164162 (3)                                  |
| 164162          | Tension (heavy) complete, Nos. 59537, 164156, 164158, 164161 and two 2102 (3) |
| 2102            | Tension (light) Disc, for 164160 (2)                                          |
| 164155          | Tension (light) Regulating Thumb Nut, for 164156                              |
| 50133(803)      | Tension (light) Screw Stud, for 164156                                        |
| 164156          | Tension (light) Screw Stud 50133(803) with 164155, for 164160                 |
| 164157          | Tension (light) Spring, for 164160                                            |
| 59537           | Tension (light) Spring Bushing, for 164160                                    |
| 164158          | Tension (light) Spring Cover, for 164160                                      |
| 164160          | Tension (light) complete, Nos. 59537, 164156, 164157, 164158 and two 2102     |
| 164285          | Tension (looper thread) Thread Guide (left)                                   |
| 164286          | Tension (looper thread) Thread Guide (right)                                  |
| 164418          | Tension Thread Eyelet, for 81389-002 (2)                                      |
| 164628          | Tension Thread Guide (double), for 164630                                     |
| 1143(830)       | Tension Thread Guide Spacing Block Screw (2)                                  |
| 165524          | Tension Thread Guide Spacing Block                                            |

List of Parts Complete, for Machine No. 460-55

| <u>Part No.</u> | <u>Description</u>                                                                                                          |
|-----------------|-----------------------------------------------------------------------------------------------------------------------------|
| 164630          | Tension (double) complete, Nos. 164628 and two each 1700(809) and 164162                                                    |
| 165432          | Tension (auxiliary looper) complete, Nos. 418(809), 1562(809), 165433 and two 2455                                          |
| 2455            | Tension (auxiliary looper) Disc, for 165432 (2)                                                                             |
| 1562(809)       | Tension (auxiliary looper) Regulating Thumb Nut, for 165432                                                                 |
| 418(809)        | Tension (auxiliary looper) Screw Stud, for 165432                                                                           |
| 165433          | Tension (auxiliary looper) Spring, for 165432                                                                               |
| 165434          | Thread (auxiliary looper) Tension Guide Bracket                                                                             |
| 165436          | Thread (auxiliary looper) Thread Controller with two 141247(869)                                                            |
| 141247(869)     | Thread (auxiliary looper) Thread Controller Set Screw, for 165436                                                           |
| 165440          | Thread (auxiliary looper) Thread Controller Bracket, for 165516                                                             |
| 165516          | Thread (auxiliary looper) Thread Controller Bracket 165440 with 165442 and two 1208(809)                                    |
| 165442          | Thread (auxiliary looper) Thread Controller Bracket Spring, for 165516                                                      |
| 1208(809)       | Thread (auxiliary looper) Thread Controller Bracket Spring Screw, for 165516 (2)                                            |
| 190(809)        | Thread (auxiliary looper) Thread Controller Bracket and Machine Frame Rotary Shaft Bearing (left) Cover Fastening Screw (2) |
| 165444          | Thread (auxiliary looper) Thread Eyelet (front)                                                                             |
| 1094(809)       | Thread (auxiliary looper) Thread Eyelet (front) Screw                                                                       |
| 165445          | Thread (auxiliary looper) Thread Guide (rear)                                                                               |
| 165446          | Thread (auxiliary looper) Thread Guide (rear) Bracket                                                                       |
| 1094(809)       | Thread (auxiliary looper) Thread Guide (rear) Bracket Screw                                                                 |
| 165447          | Thread (auxiliary looper) Thread Guide (rear) Post                                                                          |
| 1423(809)       | Thread (auxiliary needle) Thread Controller (intermediate) Screw                                                            |

List of Parts Complete, for Machine No. 460-55

| <u>Part No.</u> | <u>Description</u>                                                                     |
|-----------------|----------------------------------------------------------------------------------------|
| 165448          | Thread (auxiliary needle) Thread Controller (intermediate) with 1443(809)              |
| 165449          | Thread (auxiliary needle) Thread Controller (left)                                     |
| 1443(809)       | Thread (auxiliary needle) Thread Controller (left) Screw, for 165448                   |
| 165450          | Thread (auxiliary needle) Thread Controller (right)                                    |
| 202(809)        | Thread (auxiliary needle) Thread Controller (right) Screw                              |
| 165451          | Thread (auxiliary needle) Bridge Eyelet                                                |
| 175032          | Thread (auxiliary needle) Bridge Eyelet Washer                                         |
| 165452          | Thread (auxiliary needle) Tube                                                         |
| 1698(809)       | Thread (auxiliary needle) Tube nut                                                     |
| 165453          | Thread (looper, left hand) Guide (top)                                                 |
| 350656(869)     | Thread (looper, left hand) Guide (top) Securing Screw                                  |
| 164091          | Thread (looper, right hand) Stripper and Take-up with 164555                           |
| 164163          | Thread (looper, right hand) Stripper and Take-up Eyelet (adjustable), for 165455       |
| 1443(809)       | Thread (looper, right hand) Stripper and Take-up Eyelet (adjustable) Screw, for 165455 |
| 164555          | Thread (looper, right hand) Stripper and Take-up Guide Wire, for 164091                |
| 187(805)        | Thread (looper, right hand) Stripper and Take-up Screw                                 |
| 17022           | Thread (looper, right hand) Stripper and Take-up Screw Washer                          |
| 164449          | Thread (looper, right hand) Thread Eyelet (movable), for 165455                        |
| 1423(809)       | Thread (looper, right hand) Thread Eyelet Screw, for 165455                            |
| 164165          | Thread (looper, right hand) Thread Eyelet (stationary), for 165455                     |
| 1607(809)       | Thread (looper, right hand) Thread Eyelet (stationary) Nut, for 165455                 |

List of Parts Complete, for Machine No. 460-55

| <u>Part No.</u> | <u>Description</u>                                                                                                                        |
|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| 164166          | Thread (looper, right hand) Tube, for 165455                                                                                              |
| 624(830)        | Thread (looper, right hand) Tube Set Screw, for 165505                                                                                    |
| 165505          | Thread (looper) Plate with 624(830), for 165455                                                                                           |
| 896(830)        | Thread (looper) Plate Screw (2)                                                                                                           |
| 165454          | Thread (looper) Plate Thread Bushing, for 165455                                                                                          |
| 50318(818)      | Thread (looper) Plate Thread Bushing Screw, for 165455                                                                                    |
| 165500          | Thread (looper) Plate (left hand) Thread Tube (intermediate)                                                                              |
| 165446          | Thread (looper) Plate (left hand) Thread Tube (intermediate)<br>Bracket                                                                   |
| 1094(809)       | Thread (looper) Plate (left hand) Thread Tube (intermediate)<br>Bracket Screw                                                             |
| 165455          | Thread (looper) Plate complete, Nos. 1423(809), 1443(809),<br>1607(809), 50318(818), 164163, 164165, 164166, 164449,<br>165454 and 165505 |
| 164175          | Thread (looper) Take-up (left)                                                                                                            |
| 164176          | Thread (looper) Take-up Plate                                                                                                             |
| 190(805)        | Thread (looper) Take-up Screw (lower)                                                                                                     |
| 1443(809)       | Thread (looper) Take-up Screw (upper)                                                                                                     |
| 82269           | Thread (needle) Controller                                                                                                                |
| 165456          | Thread (needle) Controller Lever, for 165358                                                                                              |
| 1443(809)       | Thread (needle) Controller Screw                                                                                                          |
| 165459          | Thread Eyelet (needle thread), for 165360                                                                                                 |
| 460(830)        | Thread Eyelet (needle thread) Set Screw, for 82274                                                                                        |
| 165461          | Throat Plate                                                                                                                              |
| 1094(806)       | Throat Plate Screw (2)                                                                                                                    |
| 228485          | Number Plate Rivet (2)                                                                                                                    |

FITTINGS FOR 5 M. M. SPACE BETWEEN NEEDLES

460-55 Machine

| <u>Part No.</u> | <u>Description</u>                                                                                                                        |
|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| 165463          | Feed (back) Dog Section (left), for 165464                                                                                                |
| 165319          | Feed (back) Dog Section (right), for 165464                                                                                               |
| 1100(830)       | Feed (back) Dog Section (right) Screw, for 165464                                                                                         |
| 165464          | Feed (back) Dog complete, Nos. 1100(830), 165319 and 165463                                                                               |
| 165465          | Feed (front) Dog                                                                                                                          |
| 165466          | Needle Driving Shaft with two each 50152(805), 93505 and 141247(869)                                                                      |
| 50152(805)      | Needle Driving Shaft Needle Clamping Plate Screw, for 165466 (2)                                                                          |
| 165468          | Presser Foot Body, for 165469                                                                                                             |
| 165469          | Presser Foot complete, Nos. 240(819), 50111(809), 53663(803), 141435(803), 141436(803), 165423, 165424, 165427, 165429, 165430 and 165468 |
| 165470          | Throat Plate                                                                                                                              |

PARTS REQUIRED FOR TWO-THREAD OVEREDGING

|          |                                                  |
|----------|--------------------------------------------------|
| 165508   | Thread (overedge) Needle Thread Controller       |
| 227(803) | Thread (overedge) Needle Thread Controller Screw |

ACCESSORIES

(Supplied with Machine)

460-55

| <u>Part No.</u> | <u>Description</u>                                  |
|-----------------|-----------------------------------------------------|
| 13-21491        | Caution Tag                                         |
| 81440           | Key, for 1/16" Allen Head Screws                    |
| -----           | Key, for No. 8-32 Allen Head Screws                 |
| -----           | Key, for No. 10-32 Allen Head Screws                |
| 164550          | Knife (movable)                                     |
| 164728          | Knife (Stationary)                                  |
| -----           | Needle-Catalog No. 1432, Size 14 (6)                |
| -----           | Needle-Catalog No. 6508, Size 14 (6)                |
| 120343          | Oiler Spout (3-1/2" long), for 120342               |
| 120342          | Oiler (copper plated) complete with Spout 120343    |
| 13-21492        | Operator's Guide                                    |
| 164198          | Presser Bar Lifting Chain Spring (under table)      |
| 161294          | Screwdriver (plastic handle) (large)                |
| 81350-011       | Tin of Oil (1 pint Type "H")                        |
| 82332           | Thread (looper, right hand) Thread Eyelet (movable) |
| 164196          | Threader (6)                                        |
| 164204          | Tweezer                                             |
| 164197          | Wrench (socket)                                     |
| 10875           | Wrench (flat)                                       |
| 68547           | Wrench (flat)                                       |

### BELT GUARD

(Supplied with Machine)

460-55

| <u>Part No.</u> | <u>Description</u>                                                                           |
|-----------------|----------------------------------------------------------------------------------------------|
| 93905           | Belt Guard, for 93906                                                                        |
| 164200          | Belt Guard Bracket, for 93906 (2)                                                            |
| 51326(809)      | Belt Guard Bracket Screw, for 93906 (2)                                                      |
| -----           | Belt Guard Bracket Screw (wood) (3/4" No. 7 F.H.), for 93906                                 |
| 93906           | Belt Guard complete, Nos. 93905, two each 51326(809), 164200 and wood Screws 3/4" No. 7 F.H. |

### CHIP CHUTE

(Supplied only when specified on order at no extra charge for all Territories except U. S. A. and Canada. Regularly supplied for U. S. A. and Canada at no extra charge)

168198            Chip Chute with four wood screws 3/8" No. 6 R. H. (blacked)

### FOOT LIFTER PARTS

(Supplied with Machine)

NOTE: As the stands recommended for this machine include a Foot Lifter Treadle, only Chain 6439 will be sent with this machine. If fitted to a stand or other equipment which does not include a Foot Lifter Treadle, orders should state that Treadle 4885 is required and it will be furnished without charge.

|       |                                                                                            |
|-------|--------------------------------------------------------------------------------------------|
| 6439  | Chain 36 in. to 45 in. with 56864 and 56865                                                |
|       | Note: When ordering No. 6439, give length required.                                        |
| 4879  | Chain Connecting Link                                                                      |
| 56864 | Chain Hook (large)                                                                         |
| 56865 | Chain Hook (small)                                                                         |
| 4881  | Treadle                                                                                    |
| 4882  | Treadle Shaft                                                                              |
| 4883  | Treadle Spring                                                                             |
| 4884  | Treadle Stand                                                                              |
| 4885  | Treadle complete, Nos. 4879, 4881, 4882, 4883, 4884, and two wood screws 1 in. No. 16 F.H. |

## GAUGES

(Only supplied when specified on order at an extra charge)

| <u>Part No.</u> | <u>Description</u>                                                                                                                                              |
|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 165517          | Gauge (for setting Feed Dog Height, also Loopers in relation to needle)                                                                                         |
| 165246          | Looper (left hand) Shaft Positioning Stud, for 165253                                                                                                           |
| 165247          | Looper (left hand) Shaft Positioning Stud Collar with 468(830), for 165253                                                                                      |
| 468(830)        | Looper (left hand) Shaft Positioning Stud Collar Retaining Screw, for 165247                                                                                    |
| 109806          | Looper (right hand) Height Gauge Driving Shaft Positioning Screw, for 165253                                                                                    |
| 165248          | Looper (right hand) Height Gauge Driving Shaft Positioning Screw Retainer, for 165253                                                                           |
| 165249          | Looper (right hand) Height Gauge Indicator, for 165253                                                                                                          |
| 165250          | Looper (right hand) Height Gauge Indicator Plate, for 165253                                                                                                    |
| 165251          | Looper (right hand) Height Gauge Looper Carrier Hinge Pin Positioning Stud, for 165253                                                                          |
| 165252          | Looper (right hand) Height Gauge Looper Carrier Hinge Pin Positioning Stud Collar with 468(830), for 165253                                                     |
| 468(830)        | Looper (right hand) Height Gauge Looper Carrier Hinge Pin Positioning Stud Collar Retaining Screw, for 165252                                                   |
| 165253          | Gauge complete, Nos. 109806, 165246, 165247, 165248, 165249, 165250, 165251 and 165252 (height gauge used in setting Looper (right hand) in relation to needle) |

## KNEE LIFTER PARTS

(Supplied with Machine)

| <u>Part No.</u> | <u>Description</u>                                                                       |
|-----------------|------------------------------------------------------------------------------------------|
| 59324           | Chain (8" long) with 56865                                                               |
| 56865           | Chain Hook (small)                                                                       |
| 2763            | Rock Shaft                                                                               |
| 12242           | Rock Shaft Hanger with two wood screws 1" No. 10 (2)                                     |
| 143283          | Rock Shaft Knee Arm                                                                      |
| 147489          | Rock Shaft Knee Arm Hub with 356(803) and 141253(830)                                    |
| 141253(830)     | Rock Shaft Knee Arm Hub Clamping Screw                                                   |
| 356(803)        | Rock Shaft Knee Arm Hub Set Screw                                                        |
| 147488          | Rock Shaft Knee Arm complete, Nos. 2767, 143283 and 147489                               |
| 2767            | Rock Shaft Knee Plate with 356(803)                                                      |
| 356(803)        | Rock Shaft Knee Plate Set Screw                                                          |
| 6337            | Rock Shaft Lifting Bracket with two 356(803)                                             |
| 164729          | Rock Shaft Lifting Bracket Hook                                                          |
| 356(803)        | Rock Shaft Lifting Bracket Hook Set Screw                                                |
| 356(803)        | Rock Shaft Lifting Bracket Set Screw                                                     |
| 2770            | Rock Shaft Stop Dog with 356(803) (2)                                                    |
| 356(803)        | Rock Shaft Stop Dog Set Screw                                                            |
| 164727          | Knee Lifter complete, Nos. 2763, 6337, 59324, 147488, 164729 and two each 2770 and 12242 |

## MACHINE BASE

(Supplied with Machine)

|             |                                                                                    |
|-------------|------------------------------------------------------------------------------------|
| 165523      | Machine Base with two each wood screws 3/4 in. No. 8 R.H. and 1-1/4 in. No. 6 F.H. |
| 164188      | Machine Cushion (large) (2)                                                        |
| 164189      | Machine Cushion (small) (2)                                                        |
| 101859      | Machine Pad (felt)                                                                 |
| 140418(805) | Machine Screw Stud (back)                                                          |
| 657(805)    | Machine Screw Stud (front)                                                         |

THREAD UNWINDER NO. 165478 - FOR FIVE SPOOLS

(Supplied with Machine)

| <u>Part No.</u> | <u>Description</u>                                                          |
|-----------------|-----------------------------------------------------------------------------|
| 228692          | Spool Pin (5)                                                               |
| 201528(819)     | Spool Pin Nut (5)                                                           |
| 82538           | Spool Pin Washer (5)                                                        |
| 151023          | Spool Rest with three each 82538, 201528(819) and 228692 (three spools)     |
| 225259          | Spool Rest with 82538, 201018(819), 201528(819) and 228692 (one spool) (2)  |
| 165476          | Spool Rest Bracket, for 165478                                              |
| 157(819)        | Spool Rest Bracket Screw, for 165478 (2)                                    |
| 1708(819)       | Spool Rest Bracket Screw Nut, for 165478 (2)                                |
| 82538           | Spool Rest Bracket Screw Nut Washer, for 165478 (2)                         |
| 150203          | Spool Rest Cushion (felt) (5)                                               |
| 858(830)        | Spool Rest Hub Set Screw                                                    |
| 151024          | Spool Rest Rod                                                              |
| 1122(803)       | Spool Rest Rod Set Screw (2)                                                |
| 201018(819)     | Spool Rest Set Screw, for 225259 (2)                                        |
| 151025          | Spool Rest Stand with two 1122(803) and three wood screws 1 in. No. 12 F.H. |
| 151026          | Thread Guide (lower)                                                        |
| 50311(830)      | Thread Guide (lower) Holder Set Screw                                       |
| 151027          | Thread Guide (lower) Support with 50311(830)                                |
| 151028          | Thread Guide (upper, hollow) (2)                                            |
| 165483          | Thread Guide (upper, rear), for 165478                                      |
| 151029          | Thread Guide (upper) Holder with four 453(830)                              |
| 453(830)        | Thread Guide Set Screw (2)                                                  |