

FOREWORD

The dominating idea back of "Union Special" is to build the best industrial sewing machines in the world. The new high speed feed-off-the-arm machines in Class 35800, equipped with "V" type cylinder, are a pronounced achievement along these lines. All parts are made to precision gauges insuring complete interchangeability.

It is our constant aim to furnish carefully prepared information that will enable the customer to secure all possible economies and advantages from the use of Union Specials. The following pages illustrate and describe the parts for the styles in Class 35800.

Additional catalogs, containing information relative to these machines, and which will be furnished on request, are listed below:

Catalog No. 29	
Third Edition	List of miscellaneous accessories and transmitter parts
Catalog No. 45	Needle Manual
Form 357	Engineering Department
	Adjusting Instructions. Specify the style of machine for which the adjusting instructions are required.

In all manufacturing centers will be found Union Special representatives, who will cooperate with those who desire in planning and estimating their requirements.

UNION SPECIAL MACHINE COMPANY
Engineering Department

IDENTIFICATION OF MACHINES

Each Union Special carries a style number which is stamped in the name plate on the machine. Style numbers are classified as standard and special. Those which are standard have one or more letters suffixed, but never contain the letter "Z". Example: "35800 AC". Style numbers containing the letter "Z" are special. When only minor changes are made in a standard machine a "Z" is merely suffixed to the respective standard style number. Example: "35800 ACZ"

Styles of machines similar in construction are grouped under a class number which differs from the style number in that it contains no letters. Example: "35800"

APPLICATION OF CATALOG

This catalog applies only to the standard styles of machines as listed herein, which are equipped with "V" type cylinder. It can also be applied with discretion to the special machines in Class 35800.

STYLES OF MACHINES IN CLASS 35800

Feed-Off-The-Arm Machines, With "V" Type Cylinder, For Heavy Duty Work, Double Locked Stitch Type 401

35800 AC For double stitch felling overalls, trousers, coats, and similar garments made from non-Sanforized materials; two needles, two loopers, left needle in front, 3/16 inch space between needles in line with feed, seam Type LSc-2, plain foot, flat throat plate, Type 128 GC needles, standard gauges Nos. 16 and 18.

35800 AD For double stitch felling trousers made from seer-sucker, khaki, and similar light weight trouser fabrics; two needles, two loopers, left needle in front, 3/16 inch space between needles in line with feed, seam Type LSc-2, tractor foot, throat plate has .025 inch step on right side, Type 128 GC needles, standard gauges Nos. 12 and 16.

35800 AV For double stitch felling overalls, trousers, coats, and similar garments made from 2.00 to 4.00 yard non-Sanforized materials; two needles, two loopers, left needle in front, 3/16 inch space between needles in line with feed, seam Type LSc-2, tractor foot, flat throat plate, Type 128 GC needles, standard gauges Nos. 16 and 18.

35800 AY For double stitch felling overalls, trousers, coats, and similar garments made from 2.20 yard to 11 ounce Sanforized and non-Sanforized materials; two needles, two loopers, left needle in front, 3/16 inch space between needles in line with feed, seam Type LSc-2, tractor foot, throat plate has .094 inch step on right side, Type 128 GC needles, standard gauges Nos. 16 and 18.

NOTE: Style 35800 AY will be equipped with either of two feed dogs, Nos. 35805 AX-16 or 35805 AY-16. The former is used when seaming non-Sanforized materials and the latter when seaming Sanforized materials. This style is also equipped with an extra presser foot bottom front section No. 35830 AZ for seaming herringbone

STYLES OF MACHINES IN CLASS 35800 (Cont'd)

twill. Specify material to be sewn and the machine will be adjusted accordingly with the extra foot section tied on the side.

35800 Z A special style, similar to the standard styles in Class 35800, but differing in some of its component parts.

NEEDLES

TYPE NUMBERS AND SIZES

Each needle has a type number and size number. The former denotes the kind of shank, point, length, groove, finish, and other details. The latter denotes the largest diameter of the blade, measured in thousandths of an inch midway between the shank and eye, and is stamped in the needle shank. Collectively, the type number and size number is the complete symbol.

To have orders promptly and accurately filled, the empty package, a sample needle, or the type and size number should be given. See marks on packages. An intelligent order would read as follows "1000 Needles Type 128 H Size 036". The type numbers of the needles available for use in the styles of machines covered by this catalog are listed below. Set opposite each type number is the description of the needle.

Type No.	Description
128 C	Round shank, round point, short, double groove, ball eye, spotted, short blade 1/8 inch less than standard, width of eye and grooves undersize one step reduction, nickel plated- sizes 040, 044, 049
128 H	Same as Type 128 C, except ball point- sizes 036, 040, 044, 049
128 GC	Same as Type 128 C, except chromium plated- sizes 040, 044, 049
128 GH	Same as Type 128 C, except ball point, chromium plated- sizes 036, 040, 044, 049

APPLICATION OF TYPE NUMBERS TO MACHINES

The standard type of needle applicable to each style is listed in the description of each style. The styles of machines covered by this catalog are listed herewith. Set opposite the style numbers are the type numbers of the needles that can be used. Type numbers are arranged numerically, as the variety of the materials sewed on each machine makes it impractical to show a preference.

Machine Style	Type of Needles
35800 AC	128 C, 128 H, 128 GC, 128 GH
35800 AD	128 C, 128 H, 128 GC, 128 GH
35800 AV	128 C, 128 H, 128 GC, 128 GH
35800 AY	128 C, 128 H, 128 GC, 128 GH

ORDERING REPAIR PARTS

PLATES

Grouped, according to scale, will be found illustrations of parts similar in appearance, and, to some extent, component parts that go in the same subdivision of the mechanism.

When a given design of part is made in two or more gauges or sizes, only one illustration is usually shown. In ordering these pieces, it is necessary that the additional information be furnished as requested under these illustrations.

LIST OF PARTS

Turning from the plates to the list of parts, the description of each part and its principal uses will be found. Always check the symbol against its description before ordering. It is not necessary to furnish the plate number.

When a part is used, or can be used, in all machines covered by this catalog, no specific use is mentioned in the description.

For convenience in ordering, minor parts such as screws, nuts, and similar articles are repeated after each major part.

(-) A dash in the "plate number" column of the list of parts indicates the absence of an illustration.

(+) A double dagger in the "symbol to order by" column indicates that the component parts cannot be furnished separately. Due to the high speed of these machines it is impossible for these associated parts to be fitted a second time and make a serviceable job.

IDENTIFYING PARTS

Where the construction permits, each part is stamped with its part number. Some of the smaller parts are stamped with an identification letter to distinguish them from parts similar in appearance.

All part numbers represent the same part, regardless of the catalog in which they appear.

SUPPLIES

All supplies, including taps, reamers, belting, belt hooks, belt fasteners, belt punches, screw drivers, wrenches and powdered oil stone will be promptly furnished.

USE GENUINE NEEDLES AND REPAIR PARTS

Success in the operation of these machines can be secured only by the use of genuine Union Special Needles and Repair Parts as furnished by the Union Special Machine Company, its subsidiaries and authorized distributors. They are designed according to the most approved scientific principles, and are made with the utmost precision. The maximum efficiency and durability are assured.

ORDERING REPAIR PARTS (Cont'd)

USE GENUINE NEEDLES AND REPAIR PARTS (Cont'd)

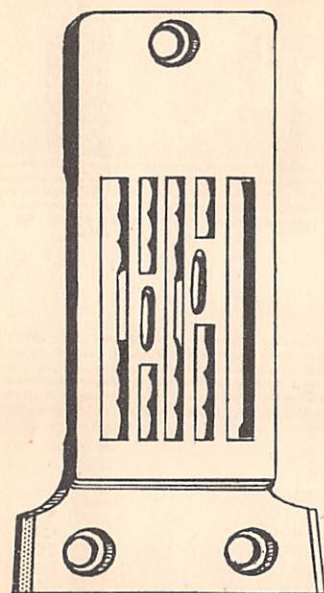
Genuine needles are put up in packages marked at the top "Trade 'UNION SPECIAL' mark". Genuine repair parts are stamped with a reproduction of the familiar Union Special padlocks.



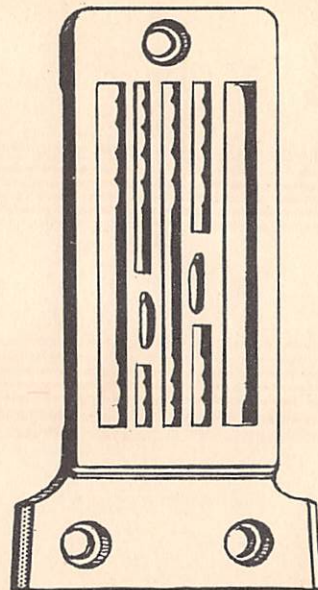
Each trade mark is your guarantee of the highest quality in materials and workmanship.

TERMS

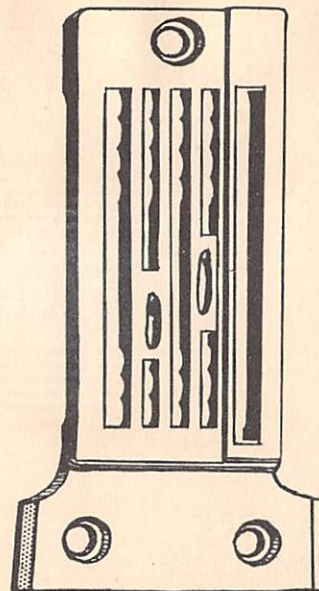
Prices are strictly "net cash" and subject to change without notice. All shipments are forwarded at the buyer's risk F.O.B. shipping point. Parcel post shipments are insured unless otherwise directed. A charge is made to cover the postage and insurance.



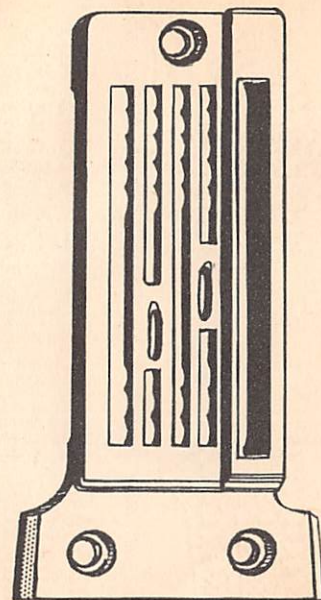
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Specify
Gauge



35824 AV
Specify
Gauge



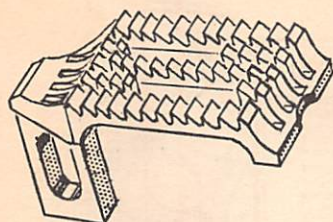
35824 AD
Specify
Gauge



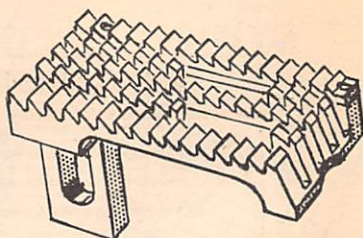
35824 AY
Specify
Gauge

Plate 1 - Full Size

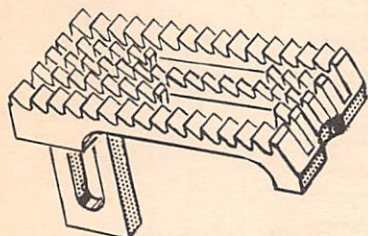
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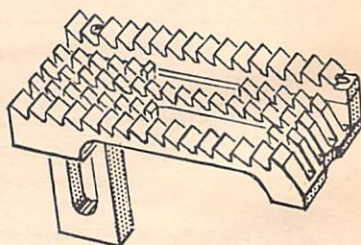
35805 AC
Specify
Gauge



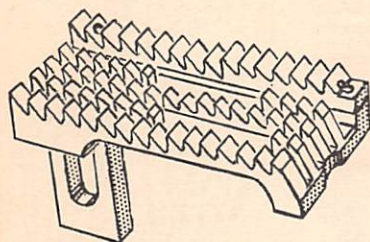
35805 AD
Specify
Gauge



35805 AV
Specify
Gauge



35805 AX
Specify
Gauge



35805 AY
Specify
Gauge



35895
Specify
Thickness



35826

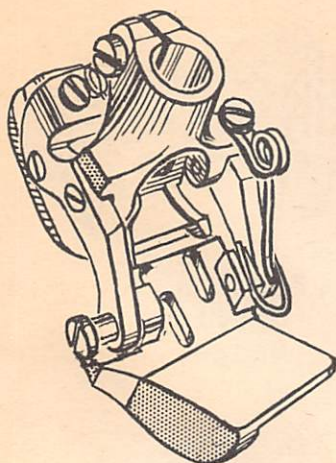


35826A



35826D

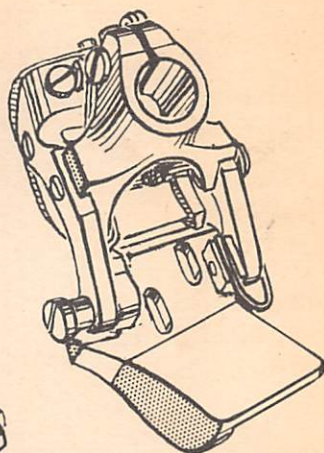
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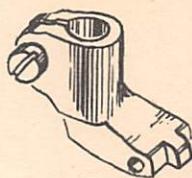
35820 AD
Specify
Gauge



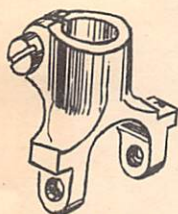
35830B



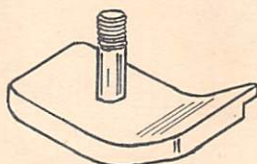
35820 AV
Specify
Gauge



35830



35830M



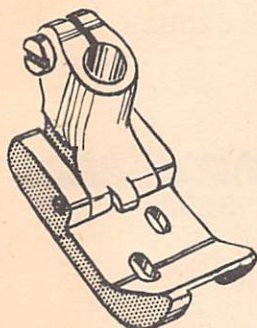
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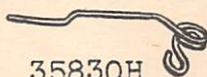
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35830F



35820 AC
Specify
Gauge



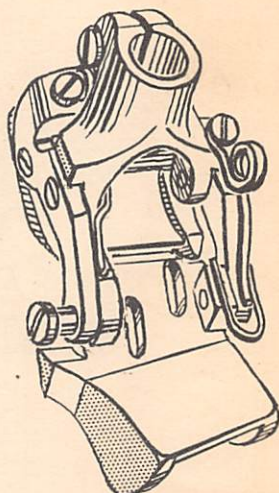
35830H



35830D

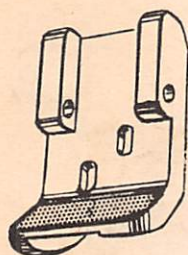


35830N

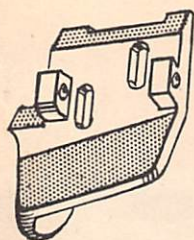


35820 AY
Specify
Gauge

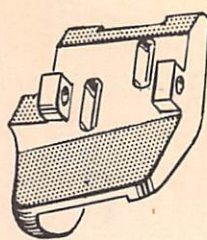
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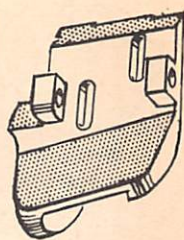
35830 AC
Specify
Gauge



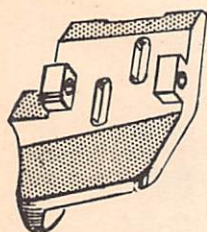
35830 AV
Specify
Gauge



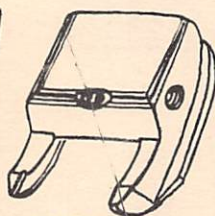
35830 AY
Specify
Gauge



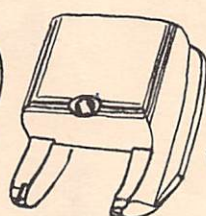
35830 AZ
Specify
Gauge



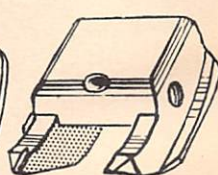
35830 AD
Specify
Gauge



35830G



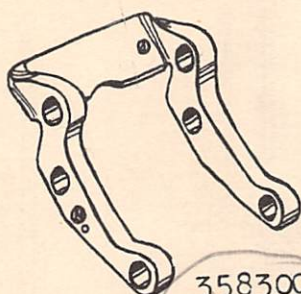
35830Y



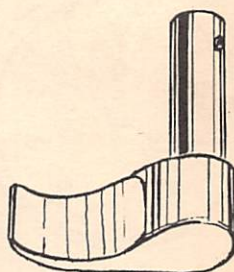
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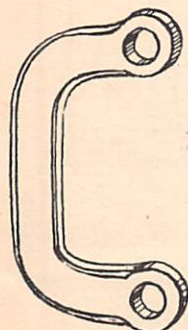
35830E



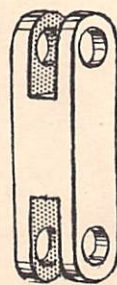
35830C



35880B



35869H



35897AL



35844A



35844B

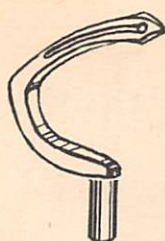


35880A

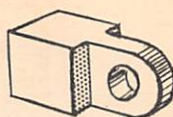
Plate 5 - Full Size



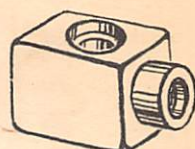
35808 AY



35809AY



35897AK



35897AP



35731A



35833F



21225
Specify
Measurement



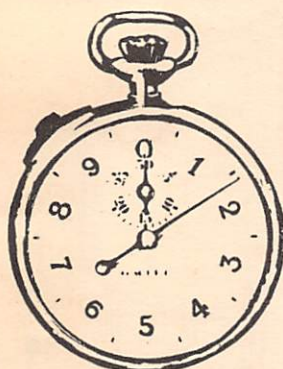
35736 B



667D-16



699F



WA15



664F
Specify
Minor
Symbol



35897AM



52887G



660-142



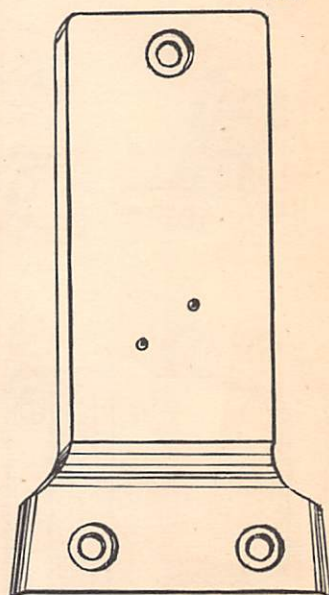
35751G



21351



35851G



698BP
Specify Gauge

Plate 6 - Full Size

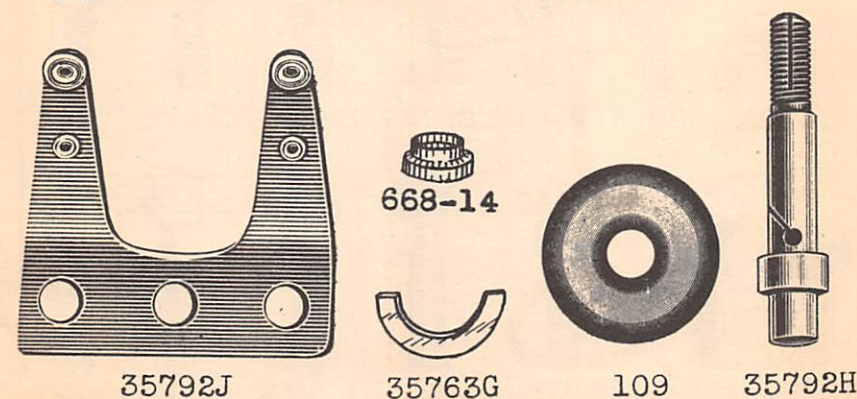
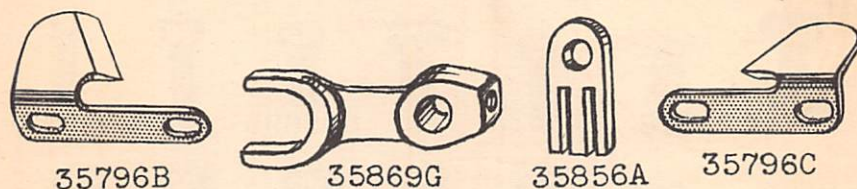
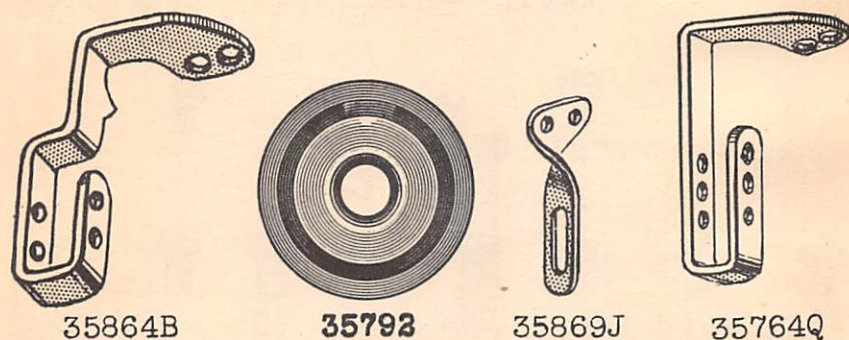
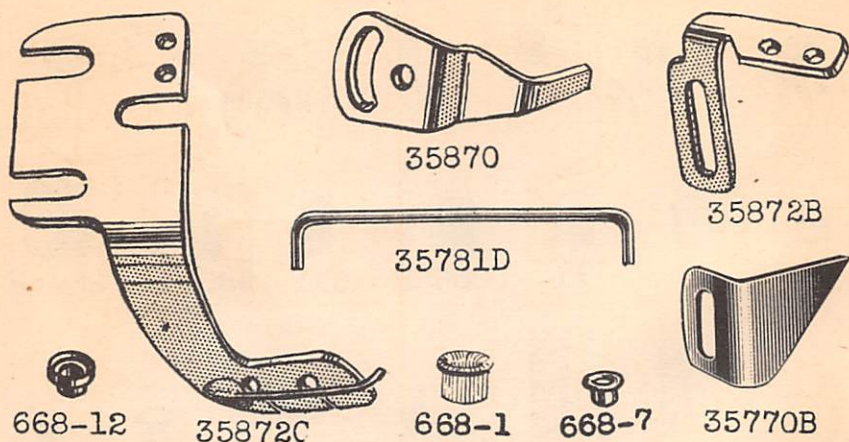


Plate 7 - Full Size

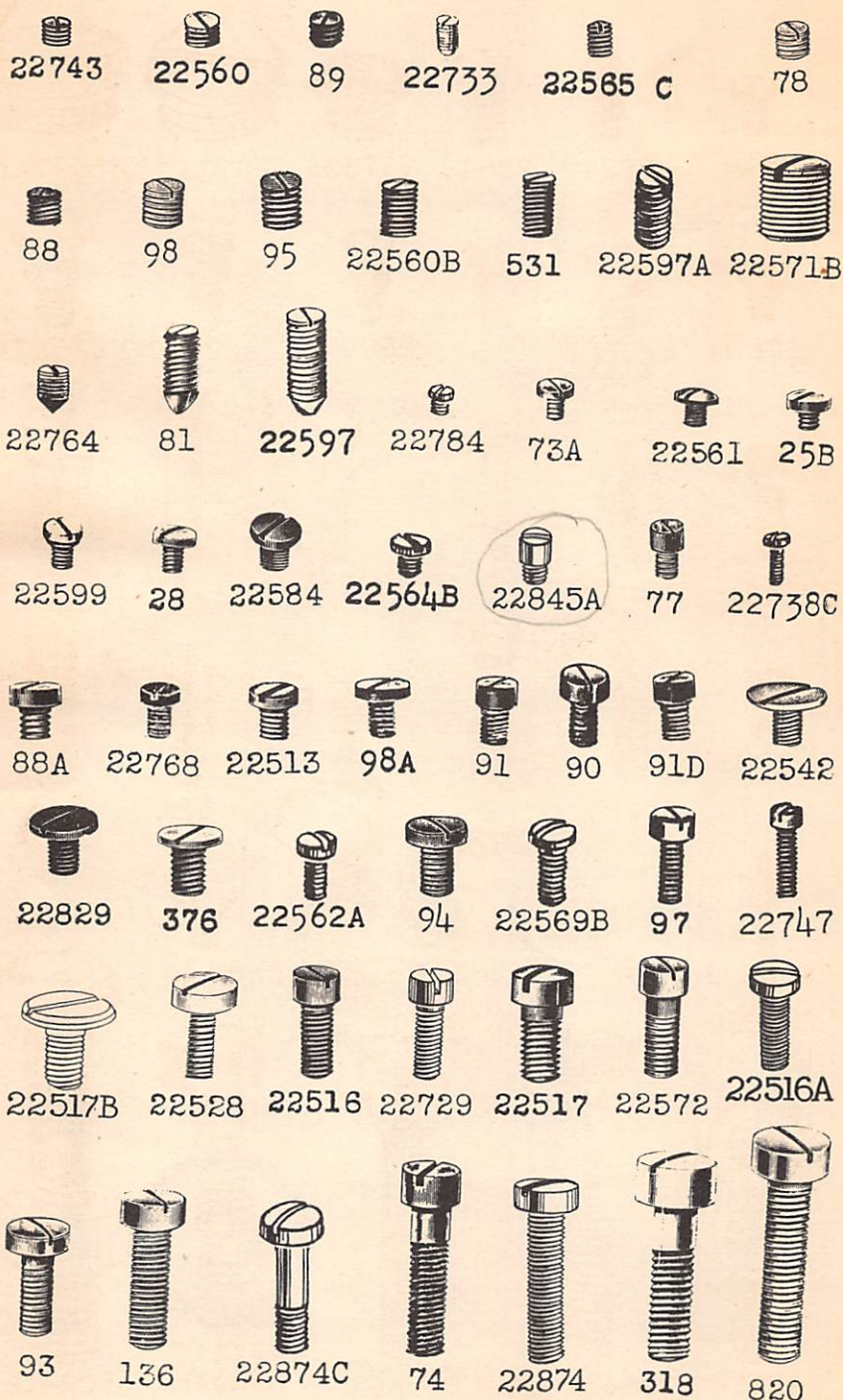


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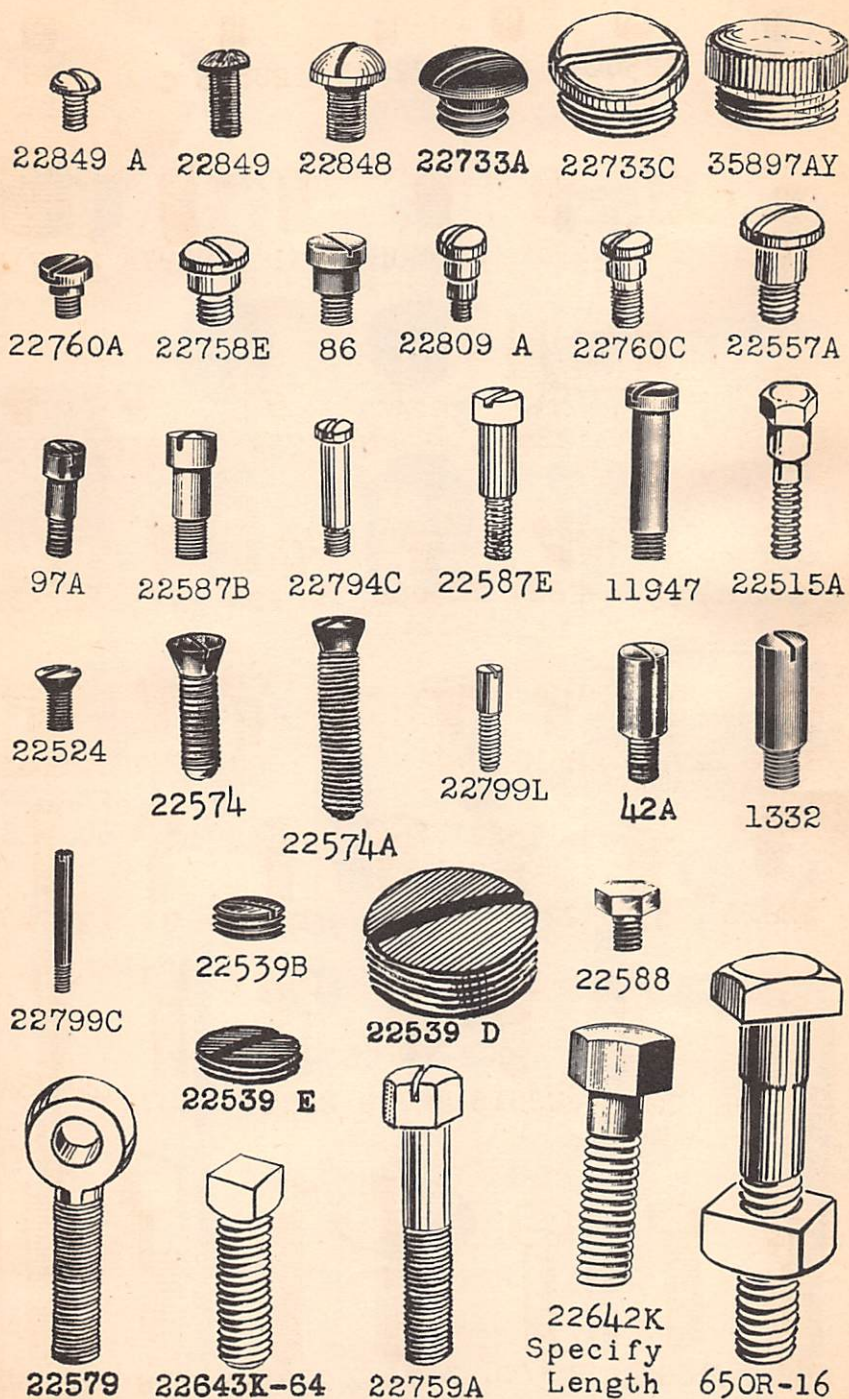


Plate 9 - Full Size



660-75



41071G



12982



37R



258



18



269



12934A



258 A



651B
Specify
Size



35733B



35766B



35766A



108



35761B



107



41255 B



666-46



21350



35795F



35763F



50J-16



35761C



55241F
Specify
Size



35792K



12964C



50J-26



35897AU



666-47



660-74



660-184



35853Z



35853W



35883D

Plate 10 - Full Size



41041B



35751F



41061C



35750A



11947B



35834N



35834G



1286



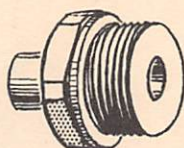
1286 A



35760B



35760C



35897AG



12873



35763



35736A



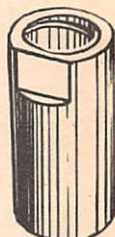
35759A



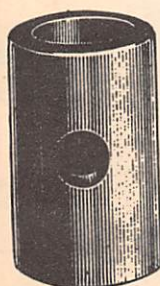
35731B



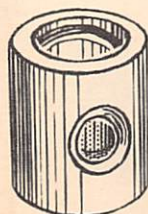
35850A



35750D



35890A



35890



35790E

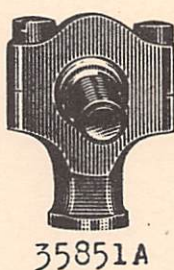
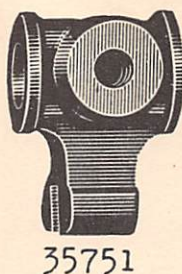
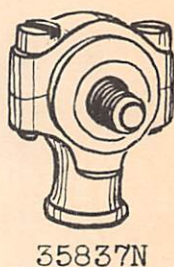
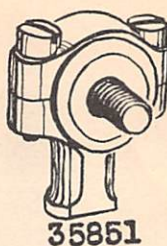
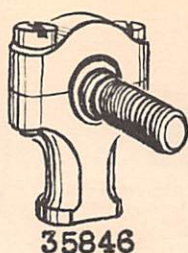
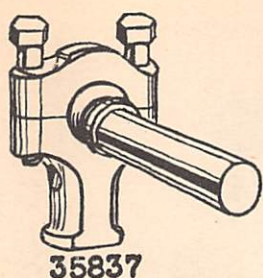


51257B

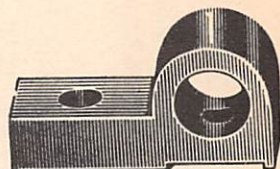
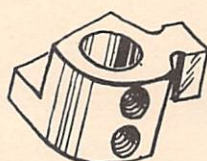


35853X

Plate 11 - Full Size



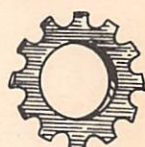
Specify
Size



Specify
Size



Specify
Thickness



Specify Minor
Symbol

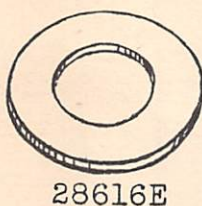


Plate 12 - Full Size



35897AV



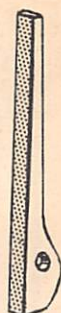
35853Y



51292F-2



60078P



55241E



51292F-8



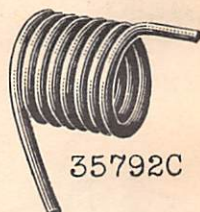
1286B



35897AW



51930



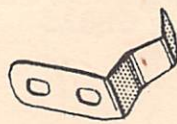
35792C



23424B



35883E



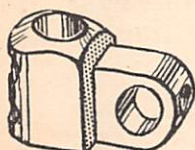
35887M



35798C



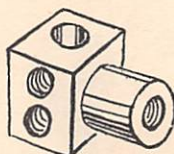
23424F



35859H



35825D



35869E



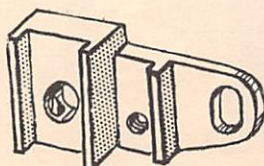
35835A



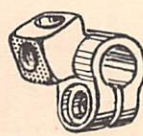
35818 AC
Specify
Gauge



51418-16



35834U

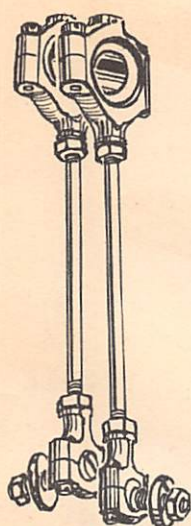


35848 B

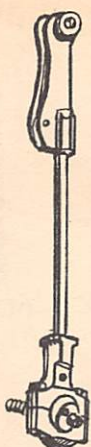


35848 C

Plate 13 - One-Half Size



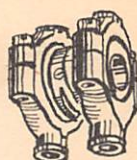
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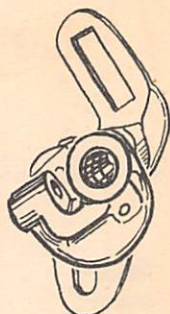
35853U



35780D



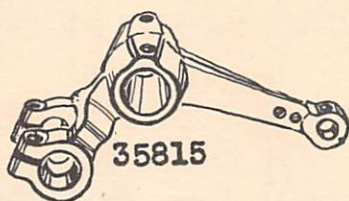
29101G



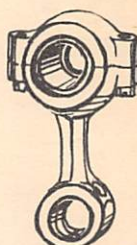
35842



35836



35815



35862



118B



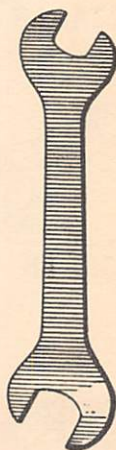
21207



21388



21388N



21388R

Plate 14 - One-Half Size



35833D



35833E



35845



35761



39141



35751B



35843



35842G



35817 AY



35847E



43246



35869F

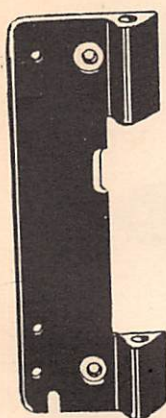


35878A

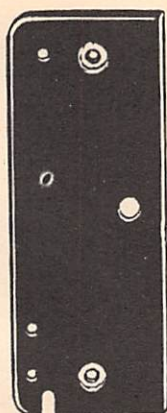


35817D
Specify
Gauge

Plate 15 - One-Half Size



35889D



35789D



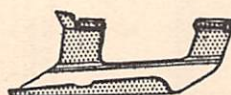
35889C



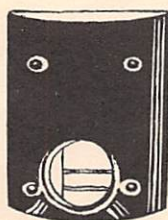
35889A



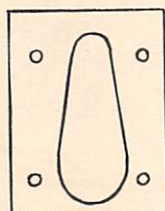
35889 E



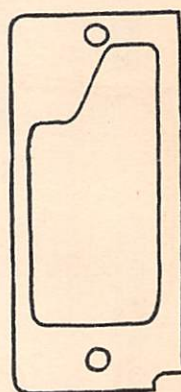
35883C



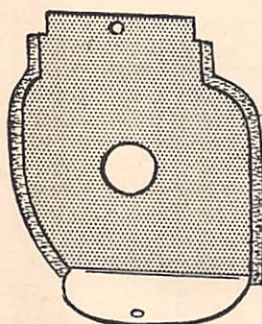
35884C



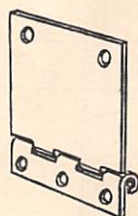
35884 D



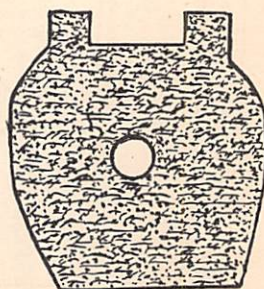
35889B



35861



35887R



35861A

Plate 16 - One-Half Size

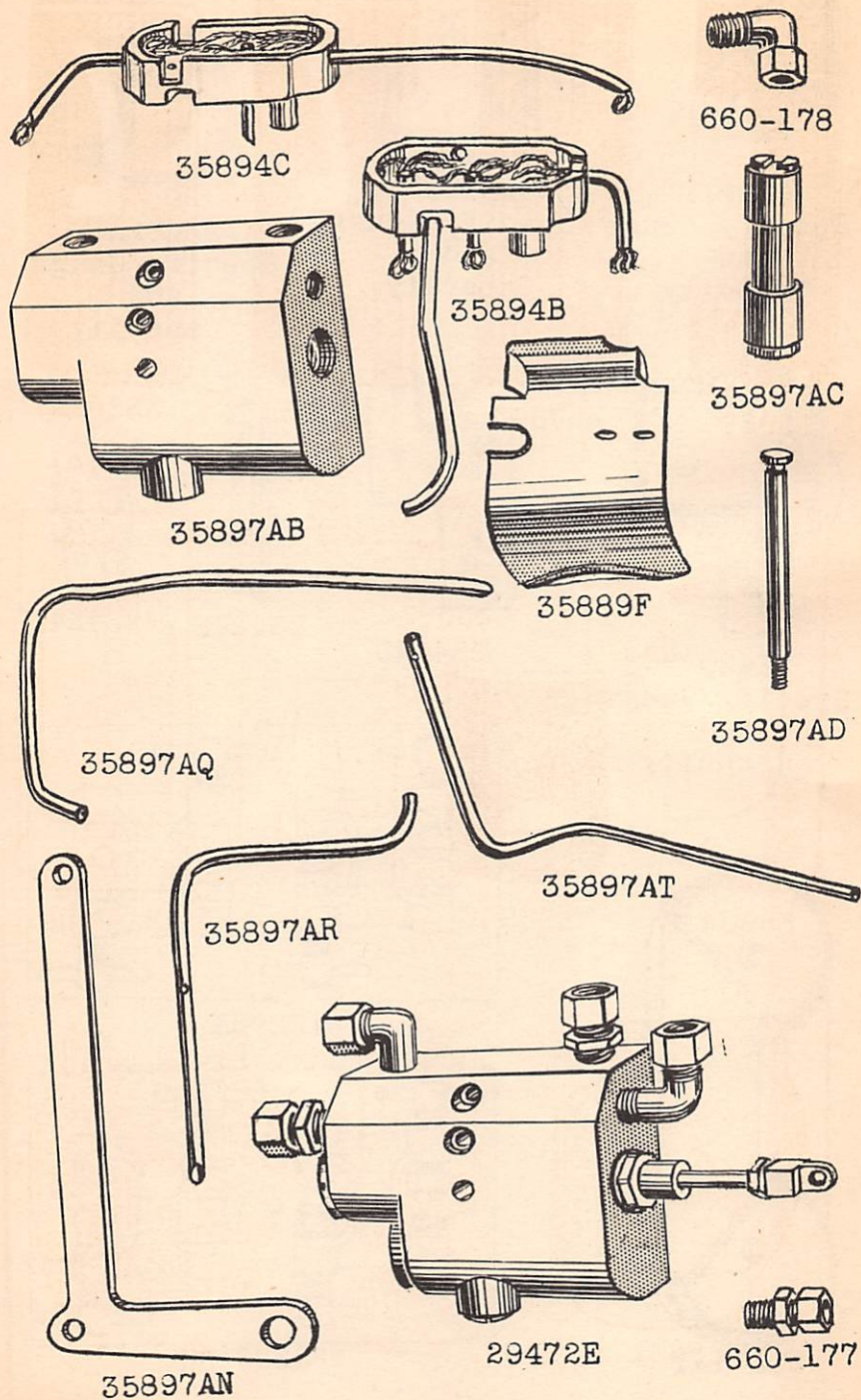


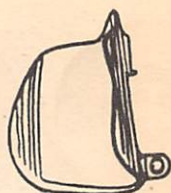
Plate 17 - One-Half Size



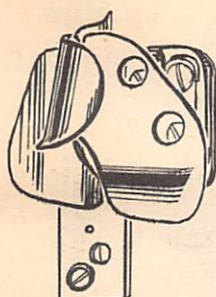
23421T
Specify Gauge
and
Capacity



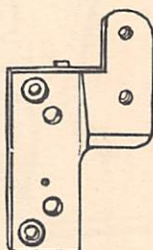
23421Y
Specify Gauge
and
Capacity



23422AY
Specify Gauge
and
Capacity



23420AY
Specify Gauge
and
Capacity



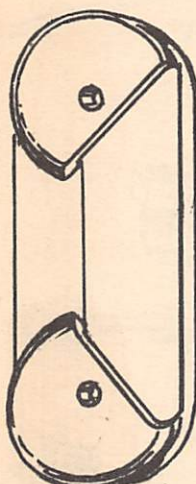
23424D



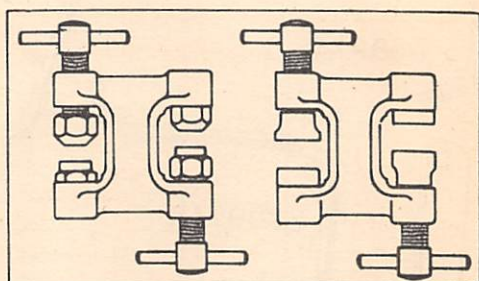
23424E



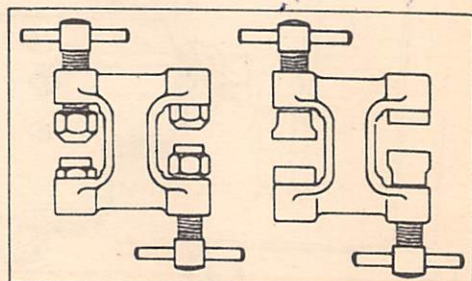
23424T



21371JT



21227HK

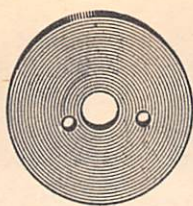


21227 HH

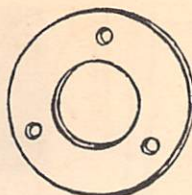
Plate 18 - One-Half Size



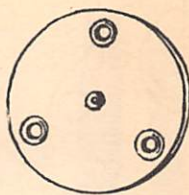
35773



35773A



35721G



35721H



35869C



35871B



35831F



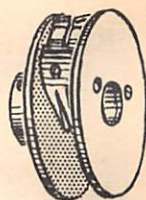
35804



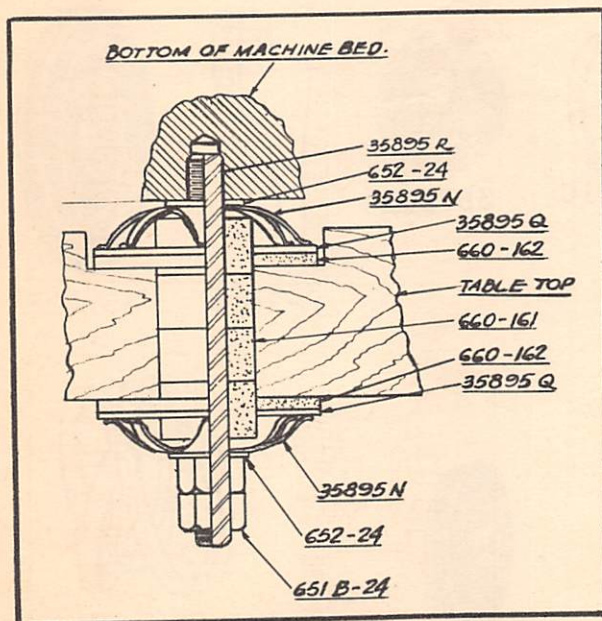
35895G



35823C



29730D



Assembly No. 29401C



54



35833C

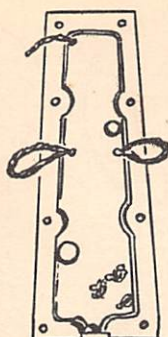


21372X

Plate 19 - One-Fourth Size



35883A



35883B



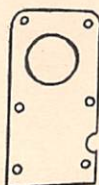
35886A



35887J



35888B



35886 B



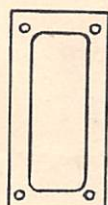
35887 K



35888 C



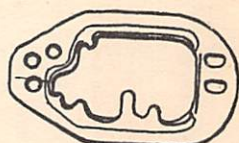
35887P



35887Q



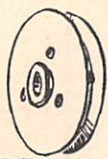
35887L



35884A



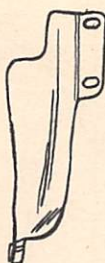
35889G



35721C



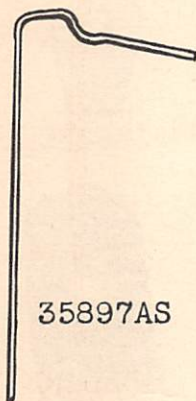
35791A



35856T



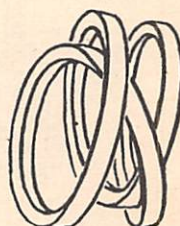
35721F



35897AS

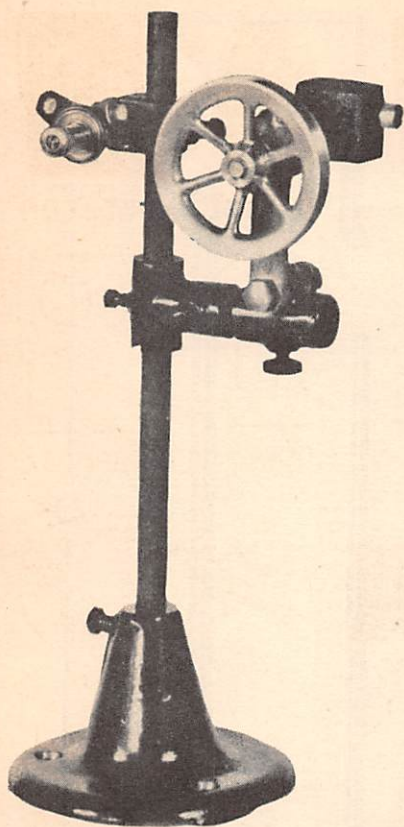


35821B



21262H
Specify Length

Plate 20 - One-Fourth Size



21231



35834R



35792M



35844



35880



35892-4



35822T



35822V



35849B

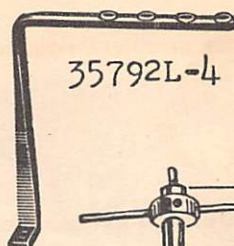
Plate 21 - One-Fourth Size



Y558F



Y561F



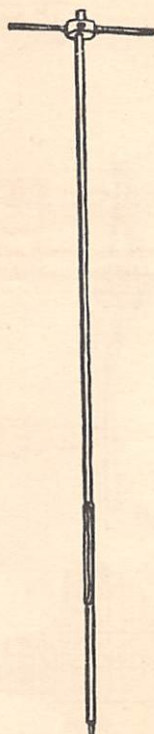
35792L-4



Y501
Specify
Size



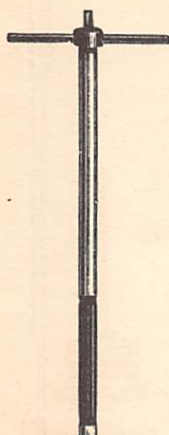
Y802



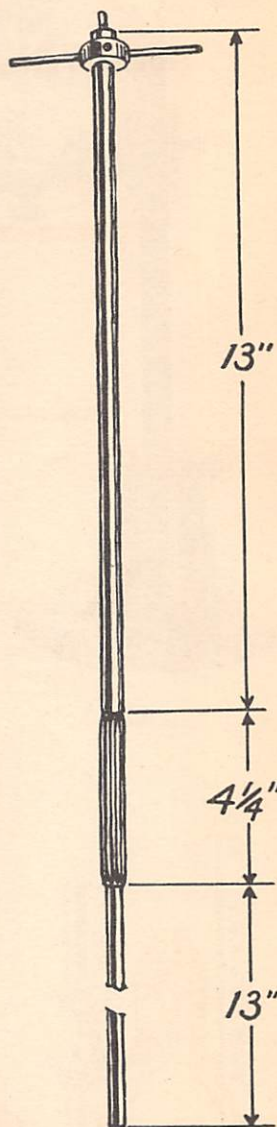
Y558
Specify
Size



Y559
Specify
Size



Y503
Specify Size

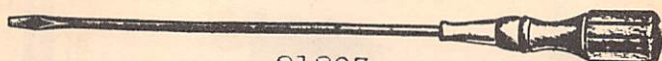


Y561
Specify
Size

Plate 22 - One-Fourth Size



21204



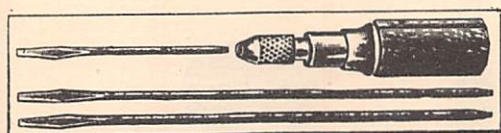
21203



21205A



21202



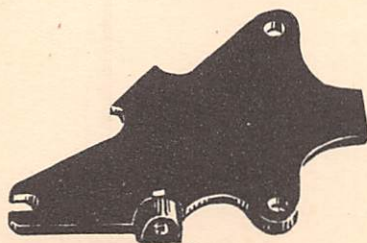
21208



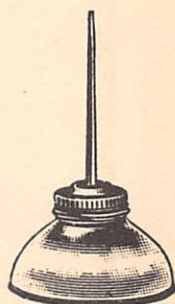
21201



21236



35887G



413

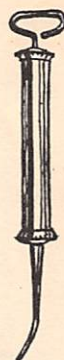
Plate 23 - One-Eighth Size



01-19



21697AA



660-67



21375AK

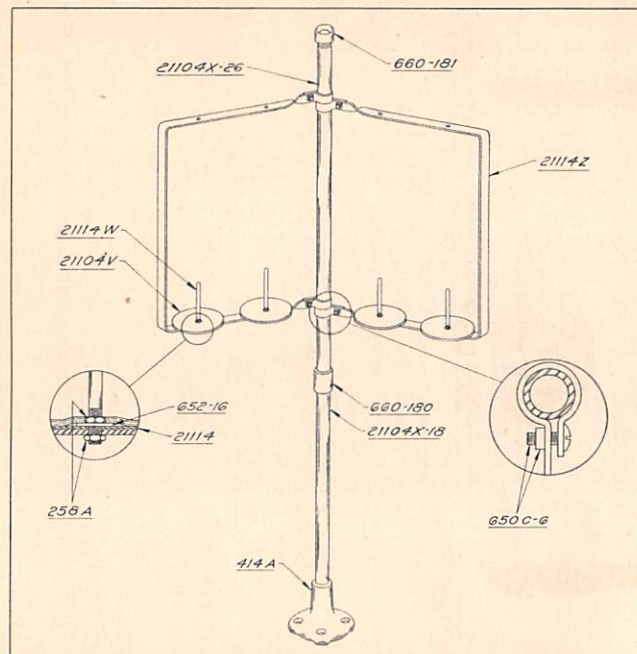


21104V



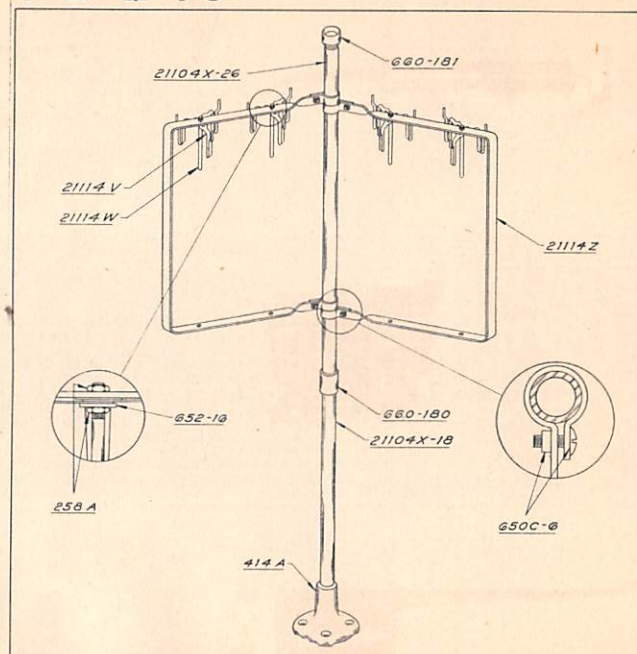
21388X

PL 246



ASSEMBLY № 2110I M-4

PL 245



ASSEMBLY № 2110I L-4

LIST OF PARTS

Symbol To Order By	The figures in the last column refer only to the plates illustrating the parts and are not to be used in ordering. Prices furnished on application.	Plate No.
WA15	Stop Watch- - - - -	5
18	Connecting Rod Nut, right thread- - - - -	9
OI-19	Pressure Pump Oil Can, 1 1/2 pints capacity	23
25 B	Screw, for parallel take-up thread eyelet, right; also for No. 35869 J- - - - -	7
28	" for folder upper scroll; also for No. 35870- - - - -	7
36 G	Feed Rocker Connecting Rod Ball Stud Washer	11
37 R	Nut, for oil pump piston rod connection - - -	9
42 A	Stop Screw, for lifter lever link - - - - -	8
50 J-16	Needle Stop Pin - - - - -	9
50 J-26	Pin, for lifter lever link connection - - -	9
54	Needle Lever Link - - - - -	18
TA54	Hand Tally- - - - -	-
TA55	Hand Tachometer, 300 to 12000 R.P.M.- - -	-
73 A	Screw, for folder support spring; also Nos. 35830 H, 35830 N - - - - -	7
74	" for tension plate bracket; also for No. 35792 L-4- - - - -	7
77	" for needle lever link pin; also for Nos. 35764 Q, 35864 B, 35869 G - - - - -	7
78	" for needle lever link pin- - - - -	7
81	Spot Screw, for main shaft coupling - - - - -	7
86	Screw, for lifter lever link- - - - -	8
88	Screw, for controller drive rod connection on Styles 35800 AD, 35800 AV, 35800 AY; also for Nos. 29101 G, 29730 D, 35751 F, 35845	7
88 A	Set Screw, for needle bar - - - - -	7
89	Spot Screw, for needle holder; also for Nos. 29730 D, 35751 F- - - - -	7
90	Screw, for top cover, middle, spring; also for No. 35883 E- - - - -	7
91	" for tension post; also for No. 35830	7
91 D	Clamp Screw, 7/16 inch long, for presser feet	7
93	Screw, for crank chamber cover- - - - -	7
94	" for tension support- - - - -	7
95	" for feed dog support; also for No. 35895 G- - - - -	7
97	Clamp Screw, for lifter lever link connection	7
97 A	Bearing Screw, for looper drive connecting rod ball joint; also for Nos. 35837 N, 35841 B, 35846, 35851, 35851 A- - - - -	8
98	Set Screw, for needle holder for No. 12 gauge	7
98 A	Screw, for cylinder cover; also for No. 35770 B - - - - -	7
107	Tension Post Ferrule- - - - -	9
108	" Nut - - - - -	9
109	" Disc, small - - - - -	6
118 B	Thread Tweezers - - - - -	13
136	Screw, for tension plate bracket; also for Nos. 35892-4, 35897 AP- - - - -	7

LIST OF PARTS

Symbol To Order By	The figures in the last column refer only to the plates illustrating the parts and are not to be used in ordering. Prices furnished on application.	Plate No.
258	Nut, for feed lift lever connecting rod ball stud; also for No. 35841 B- - - - -	9
258 A	" for looper drive connecting rod ball joint; also for No. 21114 W- - - - -	9
269	Connecting Rod Nut, left thread- - - - -	9
318	Screw, lower, for detachable head (washer No. 6042 A) - - - - -	7
376	" for feed dog holder - - - - -	7
413	Oil Can, complete- - - - -	22
414 A	Base, for thread stand - - - - -	24
Y501-257	Expansion Reamer, size .257 inch, for needle bar bearings - - - - -	21
Y503-319	" " size .319 inch, for presser bar bearings - - - - -	21
531	Set Screw, for main shaft collar; also for Nos. 35751 B, 35815, 35842 G, 35843, 35845	7
Y558-250	Expansion Reamer, size .250 inch, for rear section of looper shaft- - - - -	21
Y558 F	Ferrule, for expansion reamer No. Y558-250 - -	21
Y559	Expansion Reamer, size .375 inch, for front section of looper shaft- - - - -	21
Y561-500	" " size .500 inch, length over- all 31 inches, for main shaft bearings - - - - -	21
Y561 F	Ferrule, for expansion reamer No. Y561-500 - -	21
650 C-6	Screw, for cone support frame- - - - -	24
650 R-16	Machine Bolt, square head, 3/8 x 2 inches, for light fixture rod clamp on individual power table installations- - - - -	8
651 B-24	Nut, 3/8 inch, hexagonal, for cushion mounting stud - - - - -	9
652-16	Washer, for sound insulator; also for No. 21114 W- - - - -	11
652-24	" 3/8 inch, for cushion mounting stud; also for No. 29469 D - - - - -	11
652 A-20	Lock Washer, for sound insulator attaching screw- - - - -	11
652 B-24	Shake-Proof Lock Washer, 3/8 inch, for light fixture rod clamp assembly - - - - -	11
652 C-9	Shake-Proof Lock Washer, for oil reservoir - -	11
660-67	Oil Gun, for removing oil from cylinder- - -	23
660-74	Sleeve, for detachable head oiling tube- - -	9
660-75	Coupling, for detachable head oiling tube- -	9
660-142	Cotter Pin, for oil pump piston rod connecting link pin - - - - -	5
660-161	Cushion Felt Tube, for attaching machine to table - - - - -	18
660-162	" " Washer- - - - -	18
660-177	Check Valve, outlet, for oil pump assembly - -	16
660-178	" " intake, for oil pump assembly - -	16
660-180	Pipe Coupling, 3/4 inch standard for thread stands - - - - -	24

LIST OF PARTS

Symbol To Order By	The figures in the last column refer only to the plates illustrating the parts and are not to be used in ordering. Prices furnished on application.	Plate No.
660-181	Insulating End Bushing, for thread stands- -	24
660-184	Oil Tube Sleeve, for check valves- - - - -	9
664 F-16	Taper Dowel Pin, 1 inch long, for locating detachable head - - - - -	5
664 F-24	" " " 1 1/4 inches long, for locating cylinder - - - - -	5
666-46	Oil Cup, press fit, for crank chamber cover	9
666-47	Oil Wick, for feed bar - - - - -	9
667 D-16	Dowel Pin, 1 inch long, for locating cylinder - - - - -	5
668-1	Porcelain Insert, for lead-in thread eyelet	6
668-7	" " for tension thread eyelet	6
668-12	Porcelain Insert Locking Ferrule, for ten- sion thread eyelet - - - - -	6
668-14	Porcelain Insert Locking Ferrule, for lead- in thread eyelet - - - - -	6
698 BP-12	Test Plate, for setting needle bar on No. 12 gauge- - - - -	5
698 BP-16	" " for No. 16 gauge - - - - -	5
698 BP-18	" " for No. 18 gauge - - - - -	5
699 F	Test Pin - - - - -	5
Y802	Taper Reamer, for needle lever link pins - -	21
820	Screw, for attaching cylinder (washer No. 6042 A)- - - - -	7
1286	Needle Lever Link Pin Assembly; one each Nos. 1286 A, 1286 B, 12964 C, 22560- - -	10
1286 A	Needle Lever Link Pin (set screw for upper link pin No. 77, set screw for lower link pin No. 78)- - - - -	10
1286 B	Needle Lever Link Pin Spring (screw No. 22560) - - - - -	12
1332	Hinge Pin, for presser spring regulating screw- - - - -	8
6042 A	Washer, for cylinder attaching screws; also for No. 74 - - - - -	11
11947	Feed Lift Lever Link Stud- - - - -	8
11947 B	" " " " Bushing - - - - -	10
12873	Needle Bar Bushing, lower- - - - -	10
12934 A	Nut, for main frame top cover hinge; also for No. 35869 D- - - - -	9
12964 C	Needle Lever Link Pin Ball - - - - -	9
12982	Nut, for needle thread controller lever attaching screw- - - - -	9
15488	Looper Shaft Cross Head Link Ball Joint Washer, right- - - - -	11
21101 L-4	Spring Type Thread Stand Assembly; one each Nos. 414 A, 660-180, 660-181, 21104 X-18, 21104 X-26; two No. 21114 Z; four each Nos. 650 C-6, 652-16, 21114 W; eight No. 258 A; twelve No. 21114 V- - - - -	24

LIST OF PARTS

Symbol To Order By	The figures in the last column refer only to the plates illustrating the parts and are not to be used in ordering. Prices furnished on application.	Plate No.
21101 M-4	Disc Type Thread Stand Assembly; one each Nos. 414 A, 660-180, 660-181, 21104 X-18, 21104 X-26; two No. 21114 Z; four each No. 650 C-6, 652-16, 21104 V, 21114, 21114 W; eight No. 258 A- - - - -	24
21104 V	Felt Pad, 5 1/4 inches diameter for spool seat disc on No. 21101 M-4 - - - - -	23
21104 X-18	Thread Stand Support Pipe, 18 inches long- -	24
21104 X-26	" " " " 26 inches long- -	24
21114	Spool Disc Seat, for disc type thread stand	24
21114 V	Cone Holder Spring, for No. 21101 L-4- - -	24
21114 W	Spool Pin, for thread stand assembly (nut No. 258 A, washer No. 652-16)- - - - -	24
21114 Z	Cone Supporting Frame, for thread stands (screw No. 650 C-6)- - - - -	24
21201	Screw Driver, 9/64 inch round blade, length overall 7 5/8 inches - - - - -	22
21202	" " 7/32 inch round blade, length overall 11 1/4 inches- - - - -	22
21203	" " 13/64 inch round blade, length overall 15 1/2 inches- - - - -	22
21204	" " 9/32 inch round blade, length overall 15 inches- - - - -	22
21205 A	" " 3/8 inch round blade, length overall 14 inches- - - - -	22
21207	" " 7/64 inch round blade, length overall 2 1/2 inches - - - - -	13
21208	Screw Driver Set, three detachable blades- -	22
21225-9/64	Looper Adjusting Gauge, 9/64 inch measure- ment - - - - -	5
21227 HH	Porcelain Insert Replacement Tool Set, for assembling 1/16 inch internal diameter porcelain inserts No. 668-7 and ferrules No. 668-12 in tension thread eyelet assem- bly. Ferrules should always be replaced	17
21227 HK	Porcelain Insert Replacement Tool Set, for assembling 1/8 inch internal diameter por- celain inserts No. 668-1 and ferrules No. 668-14 in thread lead-in eyelet assembly. Ferrules should always be replaced - - - -	17
21231	Thread Meter, for recording the consumption of thread in 1/10 yards as it passes into the sewing machine - - - - -	20
21233 N	Connector, with BX cable for D.C. "Electro Drives"- - - - -	-
21233 P	Connector, with BX cable for single and three phase A.C. "Electro Drives"- - - - -	-
21233 X	Light Fixture Assembly, including bulb and blue lens, table mounting, for machines driven by "Electro Drive"- - - - -	-
21233 Y	Light Fixture Assembly, including bulb and clear lens - - - - -	-

LIST OF PARTS

Symbol To Order By	The figures in the last column refer only to the plates illustrating the parts and are not to be used in ordering. Prices furnished on application.	Plate No.
21233 Z	Light Fixture Assembly, including bulb, but without lens- - - - - NOTE: When ordering light fixture assem- blies to be mounted on individual power tables, order as extra one set of clamps No. 29469 D.	—
21236	Belt Plier, for 3/8 inch and smaller round belting - - - - -	22
21260	Emery Cord, 3/64 inch diameter, grade No. 120, fifty yard spool - - - - -	—
21260 A	" " 3/64 inch diameter, grade No. 150, fifty yard spool - - - - -	—
21260 B	" " 1/32 inch diameter, grade No. 180, fifty yard spool - - - - -	—
21260 C	" " .025 inch diameter, grade No. 200, fifty yard spool - - - - -	—
21260 D	Emery Tape, 3/32 inch wide, grade No. 180, fifty yard spool- - - - -	—
21260 E	Emery Cord, .018 inch diameter, grade No. 200, fifty yard spool - - - - -	—
21262 B-69	Leather Belt, round, 9/32 inch diameter, 69 inches long, including wire belt hook No. 21351 - - - - -	—
21262 H-510	"V" Belt, No. 2 size, 51 inches outside circumference - - - - -	19
21262 H-520	" " 52 inches outside circumference	19
21262 H-530	" " 53 inches outside circumference	19
21262 H-540	" " 54 inches outside circumference	19
21350	Belt Fastener, malleable iron, for 1 1/4 inch flat belt- - - - -	9
21351	Belt Hook, wire, for 9/32 inch round belt	5
21371 JT	Rubber Foot, for individual power tables- -	17
21372 X	Light Fixture Rod Clamp (bolt No. 650 R-16, plain washer No. 652-24, lock washer No. 652 B-24) - - - - -	18
21375 AK	Belt Guard (screw No. 22574)- - - - -	23
21388	Wrench, single end, 3/8 inch opening- - - -	13
21388 N	" double end, 3/16 and 5/16 inch openings- - - - -	13
21388 R	" double end, 3/8 and 1/2 inch openings- - - - -	13
21388 X	" for main shaft bearing housing- - - -	23
21394	Utility Grinder, including emery wheel, 5 inches diameter, 1/4 inch face, round belt drive, recommended speed 3000 R.P.M.	—
21394 G	Emery Wheel, 5 inches diameter, 1/4 inch face, 3/8 inch hole, grade "M" emery 60	—
21394 H	Emery Wheel, 5 inches diameter, 1/2 inch face, 3/8 inch hole, grade "M" emery 60	—
21394 K	Utility Grinder, including emery wheel, 5 inches diameter, 1/2 inch face, round belt drive, recommended speed 3000 R.P.M.	—

LIST OF PARTS

Symbol To Order By	The figures in the last column refer only to the plates illustrating the parts and are not to be used in ordering. Prices furnished on application.	Plate No.
21697 AA	Belt Take-up and Hanger Assembly, for "V" belt installations - - - - -	23
22513	Screw, for guide plate - - - - -	7
22515 A	" for feed rocker connecting rod ball joint, rear - - - - -	8
22516	" for main frame end cover- - - - -	7
22516 A	" for top cover, front; also for No. 35887 P - - - - -	7
22517	" for parallel take-up eyelet, left - -	7
22517 B	" for oil pump lever- - - - -	7
22524	" for throat plates; also for Nos. 35767, 35889 A, 35889 C - - - - -	8
22528	" for detachable head cover, left; also for No. 35887 R - - - - -	7
22539 B	Plug Screw, for cylinder - - - - -	8
22539 D	" " for cylinder - - - - -	8
22539 E	" " for needle lever pin in bed- - -	8
22542	Screw, for parallel take-up shield - - -	7
22557 A	" for needle thread controller lever- -	8
22560	" for needle lever link pin spring- -	7
22560 B	" for presser bar lifter bracket and guide - - - - -	7
22561	" for oil shield; also for No. 35830 D	7
22562 A	" for looper holder - - - - -	7
22564 B	" for loopers; also for Nos. 35886 A and 35887 R - - - - -	7
22565 C	Set Screw, for cylinder hinge cover pin- -	7
22569 B	Screw, for crankshaft bearing housing- -	7
22571 B	Plug Screw, for oil drain in main frame; also for No. 29472 E - - - - -	7
22572	Screw, for feed rocker; also for No. 35751 G	7
22574	" for belt guard- - - - -	8
22574 A	" for handwheel - - - - -	8
22579	Presser Spring Regulating Screw- - - - -	8
22584	Screw, for presser foot stop - - - - -	7
22587 B	Bearing Screw, for needle lever connecting rod- - - - -	8
22587 E	Screw, for feed lift, feed rocker, and looper avoid eccentric bearings; also for No. 35780 D- - - - -	8
22588	Feed Adjusting Screw - - - - -	8
22597	Spot Screw, for pulley - - - - -	7
22597 A	Set Screw, for pulley- - - - -	7
22599	Screw, for presser foot bottom front section equalizing spring - - - - -	7
22642 K-112	" for main frame sound insulator (lock washer No. 652 A-20)- - - - -	8
22643 K-64	Adjusting Screw, for main frame sound insulator- - - - -	8
22729	Screw, for oil reservoirs; also for No. 35763- - - - -	7
22733	Screw, for looper throw-out plunger bushing	7

LIST OF PARTS

Symbol To Order By	The figures in the last column refer only to the plates illustrating the parts and are not to be used in ordering. Prices furnished on application.	Plate No.
22733 A	Plug Screw, for oil drain- - - - -	8
22733 C	" " for oil pump housing - - -	8
22738 C	Screw, for attaching supplementary section to feed dog- - - - -	7
22743	Set Screw, for feed rocker connecting rod ball stud- - - - -	7
22747	Clamp Screw, for feed rocker connect- ing rod ball stud; also for Nos. 35804, 41255 B - - - - -	7
22758 E	Screw, for controller drive rod connection, on Styles 35800 AD, 35800 AV, 35800 AY; also for No. 35869 D- - - - -	8
22759 A	Screw, for detachable head - - - - -	8
22760 A	Pivot Screw, for lower scroll on lap seam fellers; also for No. 23424 S	8
22760 C	Screw, for needle thread controller lever guide rod - presser foot connecting link- - - - -	8
22764	Spot Screw, for feed lift, feed rocker, and looper avoid eccentric - - - -	7
22768	Screw, for cylinder cover and oil gauge, front; also for Nos. 35796 B, 35796 C, 35825 D, 35835 A- - - - -	7
22784	Set Screw, for needle holders, for No. 16 and No. 18 gauge- - - - -	7
22794 C	Screw, for parallel take-up flange - -	8
22799 C	Hinge Screw, length overall 37/64 inch, diameter .088 inch, for presser foot bottom on Style 35800 AC - - - - -	8
22799 L	Set Screw, for presser foot yielding section on Styles 35800 AD, 35800 AV, 35800 AY - - - - -	8
22809 A	Hinge Screw, for presser foot and con- troller drive rod connecting link, double shoulder on Styles 35800 AD, 35800 AV, 35800 AY - - - - -	8
22829	Screw, for looper thread shield- - - -	7
+ 22845 A	Hinge Screw, for presser foot bottoms on Styles 35800 AD, 35800 AV, 35800 AY - - - - -	7
22848	Screw, for frame needle thread eyelet	8
22849	" for looper thread eyelet- - - -	8
22849 A	" for lower scroll support on lap seam fellers- - - - -	8
22874	" for oil pump housing- - - - -	7
22874 C	" for feed dog holder - - - - -	7
23420 AY-12-3/32	Lap Seam Feller Assembly, for No. 12 gauge; one each Nos. 28, 73 A, 23421 T-12-3/32, 23422 AY-12-3/32, 23424 D, 23424 E, 23424 F, 23424 S,	

LIST OF PARTS

Symbol To Order By	The figures in the last column refer only to the plates illustrating the parts and are not to be used in ordering. Prices furnished on application.	Plate No.
23420 AY-18-1/8	23424 T, 23425 T; two each Nos. 22561, 22760 A, 22849 A - - - - - Lap Seam Feller Assembly, for No. 18 gauge; one each Nos. 28, 73 A, 23421 Y-9-1/8, 23422 AY-18-1/8, 23424 D, 23424 E, 23424 F, 23424 S, 23424 T, 23425 T; two each Nos. 22561, 22760 A, 22849 A - - - - -	17
23420 AY-18-3/32	Lap Seam Feller Assembly, for No. 16 gauge; one each Nos. 28, 73 A, 23421 Y-9-3/32, 23422 AY-18-3/32, 23424 D, 23424 E, 23424 F, 23424 S, 23424 T, 23425 T; two each Nos. 22561, 22760 A, 22849 A - - - - -	17
23421 T-12-3/32	Upper Scroll, 3/32 inch capacity, for No. 12 gauge lap seam feller - - - - -	17
23421 Y-9-3/32	Upper Scroll, 3/32 inch capacity, for No. 16 gauge - - - - -	17
23421 Y-9-1/8	Upper Scroll, 1/8 inch capacity, for No. 18 gauge - - - - -	17
23422 AY-12-3/32	Upper Scroll Screw No. 28 Lower Scroll, 3/32 inch capacity, for No. 12 gauge lap seam feller - - - - -	17
23422 AY-18-3/32	Lower Scroll, 3/32 inch capacity, for No. 16 gauge - - - - -	17
23422 AY-18-1/8	" " 1/8 inch capacity, for No. 18 gauge - - - - -	17
23424 D	Lower Scroll Screw No. 22760 A Sliding Base and Support, right sec- tion for lap seam fellers - - - - -	17
23424 E	Sliding Base and Support, left sec- tion, for lap seam fellers - - - - -	17
23424 F	Sliding Base and Support Spring, for lap seam fellers (screw No. 73 A) - - - - -	12
23424 S	Spring, for lower scroll on lap seam fellers (screw No. 22760 A) - - - - -	12
23424 T	Lower Scroll Support, for lap seam fellers (screw No. 22849 A) - - - - -	17
23425 T	Washer Plate, for lower scroll support on lap seam fellers - - - - -	11
28606-1/2	Powdered Oil Stone, 1/2 lb. package - - - - -	-
28606-1	" " " 1 lb. package - - - - -	-
28616 E	Crankshaft Thrust Washer - - - - -	11
28705	"Electro Drive", round belt, 1/2 H.P., A.C., 1 phase, 60 cycles, 105-115 volts, 3400 R.P.M. - - - - -	-
28705 D	"Electro Drive", round belt, 1/2 H.P., A.C., 1 phase, 60 cycles, 220 volts, 3450 R.P.M. - - - - -	-
28705 V	"Electro Drive", "V" belt, 1/2 H.P., A.C., 1 phase, 60 cycles, 105-115 volts, 3400 R.P.M. - - - - -	-

LIST OF PARTS

Symbol To Order By	The figures in the last column refer only to the plates illustrating the parts and are not to be used in ordering. Prices furnished on application.	Plate No.
28705 DV	"Electro Drive", "V" belt, 1/2 H.P., A.C., 1 phase, 60 cycles, 220 volts, 3450 R.P.M. - - -	—
28707 B	"Electro Drive", round belt, 1/2 H.P., A.C., 3 phase, 60 cycles, 210-230 volts, 3500 R.P.M. -	—
28707 D	"Electro Drive", round belt, 1/2 H.P., A.C., 3 phase, 60 cycles, 440 volts, 3500 R.P.M. - - -	—
28707 BV	"Electro Drive", "V" belt, 1/2 H.P., A.C., 3 phase, 60 cycles, 210-230 volts, 3500 R.P.M. -	—
28707 DV	"Electro Drive", "V" belt, 1/2 H.P., A.C., 3 phase, 60 cycles, 440 volts, 3500 R.P.M. - - -	—
28708	"Electro Drive", round belt, 1/2 H.P., D.C., 105-115 volts, 3000 R.P.M. - - - - -	—
28708 A	"Electro Drive", round belt, 1/2 H.P., D.C., 210-230 volts, 3000 R.P.M. - - - - -	—
28708 V	"Electro Drive", "V" belt, 1/2 H.P., D.C., 105-115 volts, 3000 R.P.M. - - - - -	—
28708 AV	"Electro Drive", "V" belt, 1/2 H.P., D.C., 210-230 volts, 3000 R.P.M. - - - - -	—
*29101 G	Feed Lift, Feed Rocker, and Looper Avoid Eccentric Assembly, includes eccentric No. 35847 D (set screw No. 88, spot screw No. 22764, bearing screw No. 22587 E) - - - - -	13
29401 C	Cushion Mounting Assembly, for attaching machine to table; one No. 35895 R; two each Nos. 651 B-24, 652-24, 660-162, 35895 N, 35895 Q; four No. 660-161. Specify component parts in ordering - - - - -	18
29469 D	Light Fixture Rod Clamp Assembly, for attaching light fixtures Nos. 21233 X, 21233 Y, 21233 Z to table leg on individual power table in- stallations; one each Nos. 650 R-16, 652-24, 652 B-24; two No. 21372 X - - - - -	—
29472 E	Oil Pump Assembly; one each Nos. 37 R, 22571 B, 22733 C, 35897 AB, 35897 AC, 35897 AD, 35897 AG, 35897 AK, 35897 AY; two each Nos. 660-177, 660-178; three No. 35897 AH - - - - -	16
29478 BC	Main Shaft and Crankshaft Sub-assembly; one each Nos. 35822 T, 35822 V, 35895 G - - - - -	—
29478 BD	Feed Rocker, Looper Avoid, Feed Lift Eccentric, and Connecting Rod Assembly; one each Nos. 29101 G, 35841 B, 35846, 35847 E, 43246; two each Nos. 18, 258, 269, 35746 A, 41355 U - - - - -	13
29730 D	Parallel Take-up Assembly; one each Nos. 88, 89, 22747, 35773 A, 35798 C, 35804, 35823 C; two No. 22794 C - - - - -	18
35721 C	Machine Pulley, grooved for No. 2 "V" belt (spot screw No. 22597, set screw No. 22597 A)	19
35721 D	Machine Pulley, complete, grooved for No. 2 "V" belt; one each Nos. 22597, 22597 A, 35721 C, 35721 F, 35721 G, 35721 H; three No. 22574 A	—
35721 F	Handwheel (screw No. 22574 A) - - - - -	19
35721 G	Machine Pulley Spacing Plate - - - - -	18

*See Page 6

-40-

LIST OF PARTS

Symbol to Order By	The figures in the last column refer only to the plates illustrating the parts and are not to be used in ordering. Prices furnished on application.	Plate No.
35721 H	Machine Pulley Clamping Plate - - - - -	18
35731 A	Presser Bar Connection Guide Plate (screw No. 22513) - - - - -	5
35731 B	Presser Bar Bushing, upper - - - - -	10
35733 B	Presser Spring Regulating Nut - - - - -	9
35736 A	Feed Rocker Bushing; also for No. 35844 - - -	10
35736 B	" " Bushing Key - - - - -	5
35746 A	Ball Stud Washer - - - - -	11
35750 A	Looper Shaft Bushing, middle, length overall 9/16 inch - - - - -	10
35750 D	" " " front, length overall 1 1/8 inches - - - - -	10
35751	" " Cross Head - - - - -	11
35751 B	" " " Guide Shaft (screw No. 531) - - - - -	14
35751 F	Looper Shaft Thrust Collar (set screw No. 88, spot screw No. 89) - - - - -	10
35751 G	Looper Shaft Cross Head Thrust Collar (screw No. 22572) - - - - -	5
35759 A	Needle Bar Bushing, upper - - - - -	10
35760 B	Needle Lever Shaft Bushing, 1 3/16 inches long -	10
35760 C	" " " " 13/16 inch long - - -	10
35761	Needle Lever Shaft - - - - -	14
35761 B	" " " Bushing Cap - - - - -	9
35761 C	" " " " Paper Gasket - - -	9
35763	" " Connecting Rod Pin (screw No. 22729) - - - - -	10
35763 F	Crankshaft Needle Bearing Roller - - - - -	9
35763 G	" " " " Retaining Ring - - -	6
35764 Q	Needle Lever Thread Eyelet, for Style 35800 AC (screw No. 77) - - - - -	6
35766 A	Nut, for looper shaft cross head link ball joint, front - - - - -	9
35766 B	" for feed rocker connecting rod ball joint, front - - - - -	9
35767	Detachable Head Key (screw No. 22524) - - - -	11
35770 B	Needle Thread Take-up, for Style 35800 AC (screw No. 98 A) - - - - -	6
35773	Parallel Take-up Driving Flange (set screw No. 88, spot screw No. 89) - - - - -	18
35773 A	Parallel Take-up Flange (screw No. 22794 C) - -	18
35780 D	Lifter Lever (clamp screw No. 22587 E) - - -	13
35781 D	Looper Thread Guide - - - - -	6
35789 D	Detachable Head Cover, left, for Style 35800 AC (screw No. 22528) - - - - -	15
35790 E	Crankshaft Bushing, front, length 1 3/8 inches -	10
35791 A	Crankshaft Bushing Housing (screw No. 22569 B)	19
35792	Tension Disc, large - - - - -	6
35792 C	Tension Disc Release Shaft Spring - - - - -	12
35792 E	Tension Plate Bracket (screw, front, No. 74, screw, rear, No. 136) - - - - -	11
35792 H	Tension Post (screw No. 91) - - - - -	6

LIST OF PARTS

Symbol To Order By	The figures in the last column refer only to the plates illustrating the parts and are not to be used in ordering. Prices furnished on application.	Plate No.
35792 J	Tension Thread Eyelet (porcelain insert No. 668-7, ferrule No. 668-12) - - - - -	6
35792 K	Tension Release Pin - - - - -	9
35792 L-4	Lead-in Thread Eyelet, with four holes (screw No. 74, porcelain insert No. 668-1, ferrule No. 668-14) - - - - -	21
35792 M	Tension Release Shaft - - - - -	20
35795 F	Bed Plug - - - - -	9
35796 B	Chain Cutter Blade (screw No. 22768) - - - - -	6
35796 C	" " " (screw No. 22768) - - - - -	6
35798 C	Cast-off Plate Spring - - - - -	12
35804	" " (screw No. 22747) - - - - -	18
35805 AC-16	Feed Dog, for Nos. 16 and 18 gauge, Style 35800 AC - - - - -	2
35805 AD-12	" " includes supplementary section No. 35826 D, for No. 12 gauge, Style 35800 AD - - - - -	2
35805 AD-16	" " includes supplementary section No. 35826 D for No. 16 gauge, Style 35800 AD - - - - -	2
35805 AV-16	" " for Nos. 16 and 18 gauge, Style 35800 AV - - - - -	2
35805 AX-16	" " includes supplementary section No. 35826 A, for Nos. 16 and 18 gauge, Style 35800 AY - - - - -	2
35805 AY-16	" " includes supplementary section No. 35826, for Nos. 16 and 18 gauge, Style 35800 AY - - - - -	2
35808 AY	Feed Dog Screw No. 22874 C	
35809 AY	Looper, front, marked "AU" - - - - -	5
	" back, marked "AT" - - - - -	5
	Looper Screw No. 22564 B	
35815	Needle Lever (set screw No. 531) - - - - -	13
35817 D-12	Needle Bar, marked "BM-12", for No. 12 gauge, Style 35800 AD (set screw No. 88 A) - - - - -	14
35817 AY	Needle Bar, marked "CL", for Nos. 16 and 18 gauge (set screw No. 88 A) - - - - -	14
35818 AC-16	Needle Holder, marked "T-16", for No. 16 gauge (spot screw No. 89, set screw No. 22784) - - - - -	12
35818 AC-18	Needle Holder, marked "T-18", for No. 18 gauge (spot screw No. 89, set screw No. 22784) - - - - -	12
35820 AC-16	Presser Foot Assembly, for No. 16 gauge, Style 35800 AC; one each Nos. 22799 C, 35830, 35830 AC-16, 51930 - - - - -	3
35820 AC-18	Presser Foot Assembly, for No. 18 gauge, Style 35800 AC; one each Nos. 22799 C, 35830, 35830 AC-18, 51930 - - - - -	3

LIST OF PARTS

Symbol To Order By	The figures in the last column refer only to the plates illustrating the parts and are not to be used in ordering. Prices furnished on application.	Plate No.
35820 AD-12	Presser Foot Assembly, for No. 12 gauge, Style 35800 AD; one each Nos. 22561, 22599, 22799 L, 22809 A, 35830 C, 35830 D, 35830 F, 35830 H, 35830 K, 35830 M, 35830 N, 35830 Y, 35830 AD-12, 35830 AE; two No. 73 A; five No. 22845 A - - - - -	3
35820 AD-16	Presser Foot Assembly, for No. 16 gauge, Style 35800 AD; one each Nos. 22561, 22599, 22799 L, 22809 A, 35830 C, 35830 D, 35830 F, 35830 H, 35830 K, 35830 M, 35830 N, 35830 Y, 35830 AD-16, 35830 AE; two No. 73 A; five No. 22845 A - - - - -	3
35820 AV-16	Presser Foot Assembly, for No. 16 gauge, Style 35800 AV; one each Nos. 73 A, 22561, 22599, 22799 L, 22809 A, 35830 B, 35830 C, 35830 D, 35830 E, 35830 F, 35830 G, 35830 H, 35830 K, 35830 AV-16; five No. 22845 A - - - - -	3
35820 AV-18	Presser Foot Assembly, for No. 18 gauge, Style 35800 AV; one each Nos. 73 A, 22561, 22599, 22799 L, 22809 A, 35830 B, 35830 C, 35830 D, 35830 E, 35830 F, 35830 G, 35830 H, 35830 K, 35830 AV-18; five No. 22845 A - - - - -	3
35820 AY-16	Presser Foot Assembly, for No. 16 gauge, Style 35800 AY; one each Nos. 22561, 22599, 22799 L, 22809 A, 35830 C, 35830 D, 35830 F, 35830 H, 35830 K, 35830 M, 35830 N, 35830 Z, 35830 AE, 35830 AY-16; two No. 73 A; five No. 22845 A - - - - -	3
35820 AY-18	Presser Foot Assembly, for No. 18 gauge, Style 35800 AY; one each Nos. 22561, 22599, 22799 L, 22809 A, 35830 C, 35830 D, 35830 F, 35830 H, 35830 K, 35830 M, 35830 N, 35830 Z, 35830 AE, 35830 AY-18; two No. 73 A; five No. 22845 A - - - - -	3
35821	Machine Pulley, complete, grooved for round belt; one each Nos. 22597, 22597 A, 35721 F, 35721 G, 35721 H, 35821 B; three No. 22574 A - - - - -	19
35821 B	Machine Pulley, grooved for round belt (spot screw No. 22597, set screw No. 22597 A) - - - - -	20
35822 T	Crankshaft - - - - -	20
*35822 V	Main Shaft Assembly (hinge pin No. 55241 F)	20
35823 C	Parallel Take-up - - - - -	18
35824 AC-16	Throat Plate, marked "L-16", for No. 16 gauge, Style 35800 AC - - - - -	1
35824 AC-18	Throat Plate, marked "L-18", for No. 18 gauge, Style 35800 AC - - - - -	1
35824 AD-12	Throat Plate, marked "M-12", for No. 12 gauge, Style 35800 AD - - - - -	1

*See Page 6

LIST OF PARTS

Symbol To Order By	The figures in the last column refer only to the plates illustrating the parts and are not to be used in ordering. Prices furnished on application.	Plate No.
35824 AD-16	Throat Plate, marked "M-16", for No. 16	
35824 AV-16	gauge, Style 35800 AD- - - - -	1
35824 AV-18	" " marked "N-16", for No. 16	
35824 AY-16	gauge, Style 35800 AV- - - - -	1
35824 AY-18	" " marked "N-18", for No. 18	
35824 AY-18	gauge, Style 35800 AY- - - - -	1
35825 D	marked "R-16", for No. 16	
35826	gauge, Style 35800 AY- - - - -	1
35826 A	marked "R-18", for No. 18	
35826 D	gauge, Style 35800 AY- - - - -	1
35829 G	Throat Plate Screw No. 22524	
35829 J	Needle Guard, marked "FN" (screw No. 22768)	12
35830	Feed Dog Supplementary Section, for Style	
35830 B	35800 AY - - - - -	2
35830 C	Feed Dog Supplementary Section, for Style	
35830 D	35800 AY - - - - -	2
35830 E	Feed Dog Supplementary Section, for Style	
35830 F	35800 AD - - - - -	2
35830 G	Feed Dog Supplementary Section Screw No.	
35830 H	22738	
35830 I	Cylinder (screw No. 820, washer No. 6042 A,	
35830 J	taper pin No. 664 F-24, dowel pin No.	
35830 K	667 D-16) - - - - -	
35830 L	NOTE: Furnished only when repairs are made	
35830 M	at factory	
35830 N	Detachable Head (screw, upper, No. 22759 A,	
35830 O	screw, lower, No. 318, washer No. 6042 A,	
35830 P	taper pin No. 664 F-16) - - - - -	
35830 Q	NOTE: Furnished only when repairs are made	
35830 R	at factory	
35830 S	Presser Foot Shank, for Style 35800 AC	
35830 T	(screw No. 91) - - - - -	3
35830 U	" " " for Style 35800 AV	
35830 V	(screw No. 91 D) - - - - -	3
35830 W	" " Yoke, for Styles 35800 AD,	
35830 X	35800 AV, 35800 AY	
35830 Y	(hinge screw No. 22845 A) - - - - -	4
35830 Z	Presser Foot Spring, for Styles 35800 AD,	
35831 A	35800 AV, 35800 AY (screw No. 22561) - - - - -	3
35831 B	Presser Foot Yielding Section, for Style	
35831 C	35800 AV (set screw No. 22799 L) - - - - -	4
35831 D	Presser Foot Yielding Section Adjusting Nut,	
35831 E	for Styles 35800 AD, 35800 AV, 35800 AY- - - - -	3
35831 F	Presser Foot Bottom, rear section, for Style	
35831 G	35800 AV (hinge screw No. 22845 A) - - - - -	4
35831 H	Presser Foot Bottom Rear Section Equalizing	
35831 I	Spring, for Styles 35800 AD, 35800 AV,	
35831 J	35800 AY (screw No. 73 A) - - - - -	3
35831 K	Presser Foot Bottom Front Section Equalizing	
35831 L	Spring, for Styles 35800 AD, 35800 AV,	
35831 M	35800 AY (screw No. 22599) - - - - -	3

LIST OF PARTS

Symbol To Order By	The figures in the last column refer only to the plates illustrating the parts and are not to be used in ordering. Prices furnished on application.	Plate No.
35830 M	Presser Foot Shank, for Styles No. 35800 AD, 35800 AY (screw No. 91 D) - - - - -	3
35830 N	Presser Foot Bottom Front Section Spring, for Styles 35800 AD, 35800 AY (screw No. 73 A) - - - - -	3
35830 Y	Presser Foot Bottom, rear section, for Style 35800 AD (hinge screw No. 22845 A) - - - -	4
35830 Z	Presser Foot Bottom, rear section, for Style 35800 AY (hinge screw No. 22845 A) - - - -	4
35830 AC-16	Presser Foot Bottom, for No. 16 gauge, Style 35800 AC (hinge screw No. 22799 C) - - - -	4
35830 AC-18	Presser Foot Bottom, for No. 18 gauge, Style 35800 AC (hinge screw No. 22799 C) - - - -	4
35830 AD-12	Presser Foot Bottom, front section, for No. 12 gauge, Style 35800 AD - - - - -	4
35830 AD-16	Presser Foot Bottom, front section, for No. 16 gauge, Style 35800 AD - - - - -	4
35830 AE	Presser Foot Yielding Section, for Styles 35800 AD and 35800 AY (set screw No. 22799 L) - - - - -	3
35830 AV-16	Presser Foot Bottom, front section, for No. 16 gauge, Style 35800 AV - - - - -	4
35830 AV-18	Presser Foot Bottom, front section, for No. 18 gauge, Style 35800 AV - - - - -	4
35830 AY-16	Presser Foot Bottom, front section, for No. 16 gauge, Style 35800 AY - - - - -	4
35830 AY-18	Presser Foot Bottom, front section, for No. 18 gauge, Style 35800 AY - - - - -	4
35830 AZ-16	Presser Foot Bottom, front section, for sew- ing herringbone twill on No. 16 gauge, Style 35800 AY - - - - -	4
35830 AZ-18	Presser Foot Bottom, front section, for sew- ing herringbone twill on No. 18 gauge, Style 35800 AY - - - - -	4
	Presser Foot Bottom, front section, hinge screws, right, No. 22845 A, left, No. 22809 A - - - - -	
35831 B	Presser Bar Lifter Bracket and Guide (screw No. 22560 B) - - - - -	11
35831 F	Presser Foot Stop, for Styles 35800 AD, 35800 AV, 35800 AY (screw No. 22584) - - -	18
35833 C	Presser Spring Plate - - - - -	18
35833 D	Presser Spring, lower- - - - -	14
35833 E	" " upper- - - - -	14
35833 F	Presser Spring Rest- - - - -	5
35834 G	Feed Bar Shaft Bushing - - - - -	10
35834 N	Feed Lift Lever Link Bushing, upper- - - -	10
35834 R	Feed Bar (feed dog support screw No. 95, oil wick No. 666-47) - - - - -	20
35834 U	Feed Dog Holder (screws Nos. 376, 22874 C) -	12
35834 V-3	Shim, for feed dog holder- - - - -	11

LIST OF PARTS

Symbol To Order By	The figures in the last column refer only to the plates illustrating the parts and are not to be used in ordering. Prices furnished on application.	Plate No.
35835 A	Needle Guard Holder (screw No. 22768) - - - - -	12
35836	Feed Rocker (screw No. 22572) - - - - -	13
35837	Feed Rocker Connecting Rod Ball Joint, rear (bearing screw No. 22515 A, stud clamp screw No. 22747, stud set screw No. 22743) - - - - -	11
35837 N	Feed Rocker Connecting Rod Ball Joint, front (bearing screw No. 97 A, ball stud washer No. 36 G, ball stud nut No. 35766 A) - - - - -	11
35841 B	Feed Rocker and Looper Avoid Eccentric Connect- ing Rod Ball Joint (bearing screw No. 97 A, ball stud washer No. 35746 A, ball stud washer shim No. 41355 U, nut No. 258) - - - - -	11
35842	Feed Drive Lever and Looper Avoid Lever - - - - -	13
35842 G	Feed Drive Lever and Looper Avoid Lever Shaft (screw No. 531) - - - - -	14
35843	Feed Rocker Shaft (set screw No. 531) - - - - -	14
35844	Feed Lift Lever - - - - -	20
35844 A	" " " Link, right - - - - -	4
35844 B	" " " " left - - - - -	4
35845	" " " Shaft (set screw, left, No. 88; set screw, right, No. 531) - - - - -	14
35846	Feed Lift Lever Connecting Rod Ball Joint (bearing screw No. 97 A, ball stud nut No. 258, ball stud washer No. 35746 A, ball stud washer shim No. 41355 U) - - - - -	11
35847 E	Feed Lift Eccentric Connecting Rod (nut, right thread, No. 18; nut, left thread, No. 269) - - - - -	14
35848 B	Looper Holder, front, marked "A" (screw No. 22562 A) - - - - -	12
35848 C	" " back, marked "B" (screw No. 22562 A) - - - - -	12
35849 B	" Shaft - - - - -	20
35850 A	" " Bushing, rear, length overall 1 1/32 inches - - - - -	10
35851	Looper Shaft Cross Head Link Ball Joint, front (bearing screw No. 97 A; ball stud nut No. 35766 A; ball stud washer No. 15488) - - - - -	11
35851 A	Looper Shaft Cross Head Link Ball Joint, rear (bearing screw No. 97 A) - - - - -	11
35851 G	Looper Shaft Cross Head Link Connecting Rod (nut, right thread, No. 18; nut, left thread, No. 269) - - - - -	5
*35853 U	Looper Drive Connecting Rod Assembly (locking spring No. 55241 E; bearing screw No. 97 A) - - - - -	13
35853 W	Looper Throw-out Plunger - - - - -	9
35853 X	" " " Bushing (screw No. 22733) - - - - -	10
35853 Y	" " " Spring - - - - -	12
35853 Z	" " " Knob - - - - -	9
35856 A	" Thread Eyelet (screw No. 22849) - - - - -	6
35856 T	" " Shield and Eyelet (screw No. 22829) - - - - -	19

*See Page 6

-46-

LIST OF PARTS

Symbol To Order By	The figures in the last column refer only to the plates illustrating the parts and are not to be used in ordering. Prices furnished on application.	Plate No.
35859 H	Needle Bar Connection - - - - -	12
35861	Parallel Take-up Shield (screw No. 22542) - - -	15
35861 A	Gasket, for parallel take-up shield - - - - -	15
35862	Needle Lever Connecting Rod (bearing screw No. 22587 B) - - - - -	13
35864 B	Needle Lever Thread Eyelet, for Styles 35800 AD, 35800 AV, 35800 AY (screw No. 77) - - - - -	6
35869 C	Needle Thread Controller Lever, for Styles 35800 AD, 35800 AV, 35800 AY (screw No. 22557 A; nut No. 12982) - - - - -	18
35869 D	Needle Thread Controller Lever Connecting Link, for Styles 35800 AD, 35800 AV, 35800 AY (screw No. 22758 E; nut No. 12934 A) - - - - -	11
35869 E	Needle Thread Controller Lever Drive Rod Connection, for Styles 35800 AD, 35800 AV, 35800 AY (screws Nos. 88, 22758 E) - - - - -	12
35869 F	Needle Thread Controller Lever Drive Rod, for Styles 35800 AD, 35800 AV, 35800 AY - - - - -	14
35869 G	Needle Thread Controller Lever Drive Rod Guide, for Styles 35800 AD, 35800 AV, 35800 AY (screw No. 77) - - - - -	6
35869 H	Needle Thread Controller Lever Drive Rod - Presser Foot Connecting Link, for Styles 35800 AD, 35800 AV, 35800 AY (screw No. 22760 C) - - - - -	4
35869 J	Needle Lever Thread Controller Eyelet, for Styles 35800 AD, 35800 AV, 35800 AY (screw No. 25 B) - - - - -	6
35870	Needle Thread Take-up, for Styles 35800 AD, 35800 AV, 35800 AY (screw No. 28) - - - - -	6
35871 B	Frame Needle Thread Eyelet (screw No. 22848) - -	18
35872 B	Parallel Take-up Thread Eyelet, right (screw No. 25 B) - - - - -	6
35872 C	Parallel Take-up Thread Eyelet, left (screw No. 22517) - - - - -	6
35878 A	Presser Bar - - - - -	14
35880	Lifter Lever Link (screw No. 86) - - - - -	20
35880 A	" " " Connection (clamp screw No. 97) - - - - -	4
35880 B	Presser Bar Lifter Lever - - - - -	4
35883 A	Cylinder Cover (screw No. 98 A) - - - - -	19
35883 B	" " Oil Distributing Plate - - - - -	19
35883 C	" Hinged Cover - - - - -	15
35883 D	" " " Pin (set screw No. 22565 C) - - - - -	9
35883 E	" " " Spring (screw No. 90) - - - - -	12
35884 A	Cylinder Gasket - - - - -	19
35884 C	Cylinder Cover and Oil Gauge, front (screw No. 22768) - - - - -	15
35884 D	Gasket, for cylinder cover and oil gauge - - -	15
35886 A	Cylinder Side Cover (screw No. 22564 B) - - -	19

LIST OF PARTS

Symbol To Order By	The figures in the last column refer only to the plates illustrating the parts and are not to be used in ordering. Prices furnished on application.	Plate No.
35886 B	Gasket, for cylinder side cover- - - - -	19
35887 G	Main Frame Sound Insulator (screw No. 22642 K-112; washer No. 652-16; adjusting screw No. 22643 K-64; lock washer No. 652 A-20)- - - - -	22
35887 J	Main Frame Top Cover, front (screw No. 22516 A)	19
35887 K	Gasket, for main frame top cover, front- - - - -	19
35887 L	Main Frame Top Cover, middle - - - - -	19
35887 M	Spring, for main frame top cover, middle (screw No. 90; nut No. 41071 G)- - - - -	12
35887 P	Main Frame Top Cover, back (screw No. 22516 A)	19
35887 Q	Gasket, for top cover, back- - - - -	19
35887 R	Hinge, for main frame top cover, middle (screws Nos. 22528, 22564 B; nut No. 12934 A)	15
35888 B	Crank Chamber Cover (screw No. 93; oil cup No. 666-46)- - - - -	19
35888 C	Gasket, for crank chamber cover- - - - -	19
35889 A	Detachable Head Cover, front, for Style 35800 AC (screw No. 22524)- - - - -	15
35889 B	Gasket, for detachable head cover- - - - -	15
35889 C	Detachable Head Cover, front, for Styles 35800 AD, 35800 AV, 35800 AY (screw No. 22524)- - - - -	15
35889 D	Detachable Head Cover, left, for Styles 35800 AD, 35800 AV, 35800 AY (screw No. 22528)- - - - -	15
35889 E	Gasket, for detachable head cover, left- - - - -	15
35889 F	Oil Shield, for crank chamber (screw No. 22561)	16
35889 G	Baffle Plate, for crank chamber- - - - -	19
35890	Main Shaft Bushing, front, 27/32 inch length overall- - - - -	10
35890 A	Crankshaft Bushing, rear, and main shaft bush- ing, rear, 1 1/4 inches length overall - - -	10
35892-4	Tension Support (screw, front, No. 94; screw, rear, No. 136)- - - - -	20
35894 B	Oil Reservoir, front (screw No. 22729; lock washer No. 652 C-9)- - - - -	16
35894 C	Oil Reservoir, back (screw No. 22729; lock washer No. 652 C-9)- - - - -	16
35895-3	Shim, .003 inch thick, for raising supple- mental sections on feed dogs - - - - -	2
35895-5	Shim, .005 inch thick- - - - -	2
35895-8	" .008 inch thick- - - - -	2
35895 G	Main Shaft Coupling (spot screw No. 81, set screw No. 95)- - - - -	18
35895 N	Cushion Spring, for attaching machines to table- - - - -	18
35895 Q	Cushion Washer, steel- - - - -	18
35895 R	Cushion Stud (nut No. 651 B-24, washer No. 652-24)- - - - -	18
35897 AB	Oil Pump Housing (screw No. 22874)- - - - -	16
35897 AC	" " Piston- - - - -	16

LIST OF PARTS

Symbol To Order By	The figures in the last column refer only to the plates illustrating the parts and are not to be used in ordering. Prices furnished on application.	Plate No.
35897 AD	Oil Pump Piston Rod- - - - -	16
35897 AG	" " " Bearing- - - - -	10
35897 AH	Gasket, for oil pump piston rod bearing- - - -	11
35897 AK	Oil Pump Piston Rod Connection (nut No. 37 R)	5
35897 AL	" " " " Connecting Link- - - - -	4
35897 AM	" " " " Connecting Link Pin(cotter pin No. 660-142) - - - - -	5
35897 AN	" " Lever (screw No. 22517 B) - - - - -	16
35897 AP	" " " Bearing Bracket (screw No. 136)	5
35897 AQ	" " Tube, intake, for sewing head - - - -	16
35897 AR	" " " outlet, for sewing head - - - -	16
35897 AS	" " " intake, for cylinder- - - - -	19
35897 AT	" " " outlet, for cylinder- - - - -	16
35897 AU	Detachable Head Oiling Tube (sleeve No.660-74; coupling No. 660-75) - - - - -	9
35897 AV	Detachable Head Oil Wicking Hook, lower- - - -	12
35897 AW	" " " " " upper- - - - -	12
35897 AX	Cylinder Oil Drain Hole Gasket - - - - -	11
35897 AY	Oil Gauge, Lucite- - - - -	8
39141	Feed Rocker Connecting Rod (nut, right thread, No. 18; nut, left thread, No. 269) - - - - -	14
41041 B	Main Shaft Collar (set screw No. 531)- - - - -	10
41061 C	Collar, for needle thread controller lever drive rod, for Styles 35800 AD, 35800 AV, 35800 AY - - - - -	10
41071 G	Nut, for middle top cover spring - - - - -	9
41255 B	Looper Drive Connecting Rod Ball Joint Fork (screw No. 22747)- - - - -	9
41355 U-4	Shim, .004 inch thick, for feed lift lever connecting rod ball joint washer; also for No. 35841 B- - - - -	11
41355 U-5	Shim, .005 inch thick- - - - -	11
41355 U-6	" .006 inch thick- - - - -	11
41355 U-7	" .007 inch thick- - - - -	11
41355 U-8	" .008 inch thick- - - - -	11
41355 U-9	" .009 inch thick- - - - -	11
43246	Feed Rocker and Looper Avoid Connecting Rod (nut, right thread, No. 18; nut, left thread, No. 269) - - - - -	14
51257 B	Presser Bar Bushing, lower - - - - -	10
51292 F-2	Tension Spring, .022 inch diameter wire, for looper threads - - - - -	12
51292 F-8	" " .037 inch diameter wire, for needle threads - - - - -	12
51418-16	Needle Holder, marked "D-16", for No. 12 gauge (spot screw No. 89, set screw No. 98)- - - -	12
51930	Presser Foot Tilting Spring, for Style 35800 AC - - - - -	12
52887 G	Presser Spring Rest- - - - -	5
55241 E	Locking Spring, for looper drive connecting rod assembly - - - - -	12

LIST OF PARTS

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55241 F-156	Looper Drive Connecting Rod Hinge Pin, .156 inch diameter - - - - -	9
55241 F-158	Looper Drive Connecting Rod Hinge Pin, .158 inch diameter - - - - -	9
55241 F-160	Looper Drive Connecting Rod Hinge Pin, .160 inch diameter - - - - -	9
60078 P	Spring, for needle thread controller lever drive rod, for Styles 35800 AD, 35800 AV, 35800 AY- - - - -	12