



BEST QUALITY

Union Special[®]
LEWIS • COLUMBIA

INDUSTRIAL
SEWING
MACHINES



CLASSES

11800
11900
12000
12100
12200
31500

LIST OF PARTS
FOR
STYLES IN CLASSES
11800
11900 12000
12100 12200 31500

SIDE WHEEL CYLINDER
MACHINES

CATALOG

No. 39L
Second
Edition

Union Special MACHINE COMPANY

CHICAGO

From the library of: Superior Sewing Machine & Supply LLC

Catalog No. 39 L

LIST OF PARTS
FOR
STYLES IN CLASSES

11800	11900
12000	12100
12200	31500

Second Edition

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Union Special
MACHINE COMPANY
INDUSTRIAL SEWING MACHINES
CHICAGO

Printed in U.S.A.

FOREWORD

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. On the pages which follow will be found illustrations and descriptions of the parts for styles in Classes 11800, 11900, 12000, 12100, 12200 and 31500.

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

Catalog No. 45 N	Needle Manual
Form 357	Engineering Department Adjusting Instructions. Specify the Style number of the 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: 11900 E. 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 11900 EZ.

Styles of machines similar in construction are grouped under a class number which differs from the style numbers in that it contains no letters. Example: 11900.

The overall width of the stitch in Class 11900 is represented by a gauge number measured in 64ths of an inch, viz: 16 gauge represents a stitch measuring 1/4 inch wide.

The distance between the rows of stitches in Classes 12000, 12100, 31500 is represented by a gauge number. Those which apply to machines making two independent rows of stitches and described in this catalog are as follows:

No. 1	gauge	represents	3/32	inch
No. 2	"	"	1/8	"
No. 3	"	"	5/32	"
No. 4	"	"	3/16	"
No. 4 1/2	"	"	1/4	"
No. 5	"	"	9/32	"
No. 5 1/2	"	"	3/8	"

The gauge number of machines making three equally spaced independent rows of stitches represents the space between adjoining rows or one half the overall measurement.

No. 6 gauge represents $\frac{3}{32}$ inch
No. 9 " " $\frac{9}{64}$ "

APPLICATION OF CATALOG

This catalog applies only to the standard styles of machines as listed herein. It can also be applied with discretion to the special machines in these classes.

STYLES OF MACHINES IN CLASS 11800

Side Wheel Cylinder Bed One Needle Machines, Double Locked
Stitch Type 401, Diameter of Cylinder 1 13/16 Inches, Free
Space Behind Needle 9 3/4 Inches

11800 C For seaming bags, needle Type 143.

11800 H For patching and converting bags, needle Type 143.

11800 Z A special style similar to the standard styles in Class 11800, but differing in one or more of its component parts.

STYLES OF MACHINES IN CLASS 11900

Side Wheel Cylinder Bed Twin Needle Machines, One Looper,
Twin Needle Stitch Type 406, Diameter of Cylinder 1 $\frac{13}{16}$
Inches, Space Behind Needles 9 $\frac{3}{4}$ Inches

- 11900 B For the second part of the two operation covered
seam on knitted undergarments, and similar articles;
non-differential feed, presser foot with hinged, grooved
one section bottom, throat plate tongue $\frac{7}{64}$ inch thick,
Type 121 needles, standard gauges Nos. 12 and 16
- 11900 C Fitted with a presser foot having an independently
yielding middle section and sides, otherwise same as
11900 B, Type 121 needles, standard gauges Nos. 12 and 16.
- 11900 E For the second part of the two operation covered
seam on knitted undergarments, bathing suits and similar
articles; non-differential feed, presser foot with inde-
pendently yielding sides, throat plate tongue $\frac{1}{8}$ inch
thick, Type 121 needles, standard gauges Nos. 8, 10, 12
and 16.
- 11900 K For the second part of the two operation covered
seam on heavy weight knitted outerwear, heavy weight
knitted underwear and similar articles; differential
feed, presser foot with independently yielding sides,
feed dog teeth cut 10 to inch, throat plate tongue $\frac{7}{64}$
inch thick, Type 121 needles, standard gauges Nos. 12
and 16.
- 11900 L For light and medium weight knitted underwear and
bathing suits, feed dog teeth cut 16 to inch, otherwise
same as 11900 K, Type 121 needles, standard gauges
Nos. 12 and 16.
- 11900 Z A special style similar to the standard styles in
Class 11900, but differing in one or more of its compo-
nent parts.

STYLES OF MACHINES IN CLASS 12000

Side Wheel Cylinder Bed Two Needle Machines, for Light Weight
Fabrics, Two Loopers, Right Needle in Front, $\frac{1}{8}$ Inch Space
Between Needles in Line with Feed, Double Locked Stitch Type
401, Diameter of Cylinder 1 $\frac{13}{16}$ Inches, Free Space Behind
Needles 9 $\frac{3}{4}$ Inches

- 12000 A For double stitch felling the tubular portions of
shirts, pajamas, blouses, athletic underwear, lingerie,
and similar garments; no feed surface between needles,
standard folders have $\frac{1}{16}$ inch capacity, Type 106
needles, standard gauges Nos. 1, 2, 3 and 4

STYLES OF MACHINES IN CLASS 12000 (Cont'd)

- 12000 B Has feed surface between needles, otherwise same as 12000 A, standard folders for Nos. 4, 4 1/2 and 5 gauges have 1/16 inch capacity and No. 5 1/2 gauge has 3/32 inch capacity, standard gauges Nos. 4, 4 1/2, 5 and 5 1/2.
- 12000 D For staying the tubular portions of shoes; no feed surface between needles, rigid bottom presser foot, Type 501 needles, standard gauges Nos. 1, 2, 3 and 4.
- 12000 F For staying shoes, hinged bottom presser foot, otherwise same as 12000 D, standard gauges Nos. 2, 3 and 4.
- 12000 P For taping shoulder and collar seams of knitted outerwear; presser foot with independently yielding sides, uses a selvage edge or prefolded tape guided next to feed dog, Type 121 needles, standard gauge No. 4 1/2 uses tape 3/8 inch wide.
- 12000 Z A special style similar to the standard styles in Class 12000, but differing in one or more of its component parts.

STYLES OF MACHINES IN CLASS 12100

Side Wheel Cylinder Bed Two Needle Machines, for Heavy Weight Fabrics, Two Loopers, Right Needle in Front, 1/8 Inch Space Between Needles in Line with Feed, Double Locked Stitch Type 401, Diameter of Cylinder 1 13/16 Inches, Free Space Behind Needles 9 3/4 Inches

- 12100 B For double stitch felling the tubular portions of overalls, trousers, coats, mackinaws, heavy weight flannel shirts, lumber jacks, and similar garments; standard folder for No. 4 gauge has 3/32 inch capacity, for Nos. 4 1/2 and 5 gauge 1/8 inch capacity, for No. 5 1/2 gauge 7/64 inch capacity, Type 128 needles, standard gauges Nos. 4, 4 1/2, 5 and 5 1/2.
- 12100 T For uniting the strands of water mop heads with one short length piece of tape, Type 143 needles, standard gauge No. 5 1/2.
- 12100 Z A special style similar to the standard styles in Class 12100 but differing in one or more of its component parts.

STYLES OF MACHINES IN CLASS 12200

Side Wheel Cylinder Bed Two Needle One Looper Machines,
Needles Abreast, Double Locked Stitch Type 402, Diameter of
Cylinder 1 13/16 Inches, Free Space Behind Needles 9 3/4
Inches

12200 A For attaching three quarter length back stays to
shoes, rolling presser foot, 1 1/8 inch roller, .064 and
.068 inch single slab needles, Type 605, 606, 607 and 608,
set with the flats adjacent.

12200 Z A special style similar to the standard styles in
Class 12200, but differing in one or more of its compo-
nent parts.

STYLES OF MACHINES IN CLASS 31500

Side Wheel Cylinder Bed Triple Stitch Machines, Three Loopers,
Right Needle in Front, 5/32 Inch Space Between Needles in
Line with Feed, Double Locked Stitch Type 401, Diameter of
Cylinder 1 13/16 Inches, Free Space Behind Needles 9 3/4
Inches

31500 A For triple stitch felling the tubular portions of
shirts, pajamas, blouses, athletic underwear and similar
garments, Type 106 needles, standard gauges Nos. 6 and 9.

31500 B For triple stitch felling the tubular portions of
overalls, trousers, coats and similar garments, Type 128
needles, standard gauge No. 9.

31500 Z A special style similar to the standard styles in
Class 31500, but differing in one or more of its compo-
nent 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 numbers should
be given. See marks on packages. An intelligent order would
read as follows "1000 Needles Type 106, Size 040.

NEEDLES (Cont'd)

TYPE NUMBERS AND SIZES (Cont'd)

The limitations of the blade sizes of single slabbed shank needles with respect to the slab sizes are set up below:

Slab	.056 inch	-	maximum blade size	032
"	.060	"	"	"
"	.064	"	"	"
"	.068	"	"	"
				040
				046
				054

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 below. Set opposite each style number is the type number or numbers of the needles generally used. Type numbers are arranged numerically, as the variety of materials sewed on each machine makes it impractical to show a preference. See Needle Catalog No. 45 and Needle Price List Catalog No. 45 A for description, sizes available, and prices of these needles.

Machine Style	Type of Needles
11800 C	143, 143 G, 943, 943 G, 1943, 1944
11800 H	Same as Style 11800 C
11900 B	121, 124, 124 B, 125, 128 E
11900 C	Same as Style 11900 B
11900 E	" " " 11900 B
11900 K	" " " 11900 B
11900 L	" " " 11900 B
12000 A	101, 102, 106, 106 A, 106 G, 107, 107 G, 108, 108 C, 108 G, 108 GC, 109, 110, 110 G, 302, 907
12000 B	Same as Style 12000 A
12000 D	501, 501 G, 1101, 1301, 2101
12000 F	Same as Style 12000 D
12000 P	" " " 11900 B
12100 E	126, 128, 128 F, 128 G, 128 GA, 130, 130 G, 929
12100 T	Same as Style 11800 C
12200 A	401, 401 G, 402, 402 G, 403, 403 G, 404, 404 G, 405, 405 G, 406, 406 G, 407, 408, 415, 416, 601, 602, 603, 604, 605, 606, 607, 608, 801, 802, 803, 803 G, 804, 804 G, 805, 806, 807, 808, 815, 816, 1201, 1202, 1203, 1204, 1205, 1206, 1207, 1208, 1215, 1216, 1401, 1402, 1403, 1404, 1405, 1405 G, 1406, 1406 G, 1407, 1408, 1601, 1602, 1603, 1604, 1605, 1606, 1607, 1608, 1615, 1616, 1801, 1802, 1803, 1804, 1805, 1806, 1807, 1808, 1815, 1816, 2201, 2201 G, 2202, 2202 G, 2203, 2203 G, 2204, 2204 G, 2205, 2206
31500 A	Same as Style 12000 A
31500 B	" " " 12100 B

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 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.

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, 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. Obviously, it is to our interest to maintain the reputation of Union Specials by furnishing the very best goods obtainable. They are designed according to the most approved scientific principles, and are made with the utmost precision. The maximum efficiency and durability are assured.

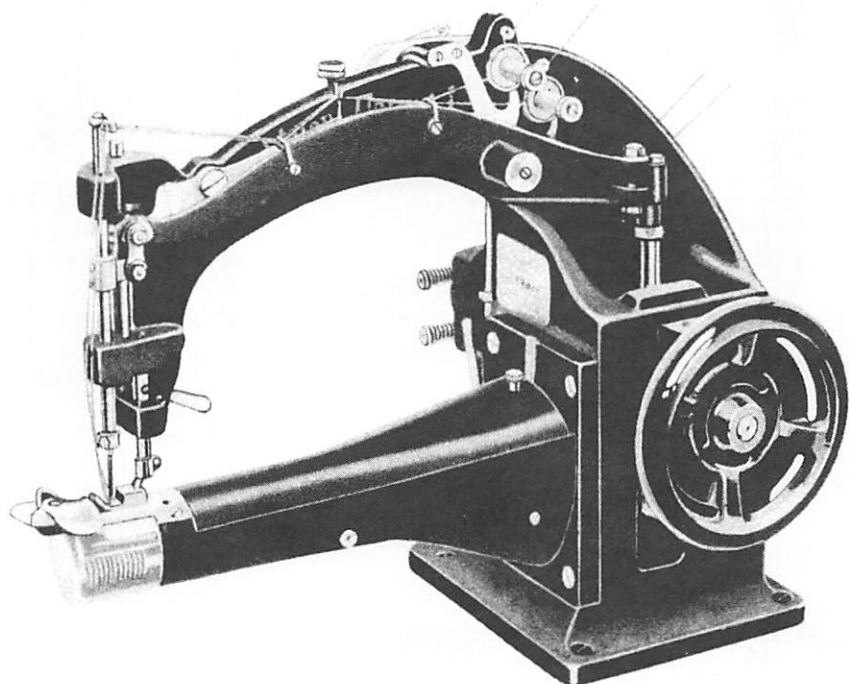
ORDERING REPAIR PARTS (Continued)

Use Genuine Needles and Repair Parts (Cont'd.)

Genuine needles are packaged with labels marked *Union Special*. Genuine repair parts are stamped with a reproduction of the familiar Union Special trade mark. Each trade mark is your guarantee of the highest quality in materials and workmanship.

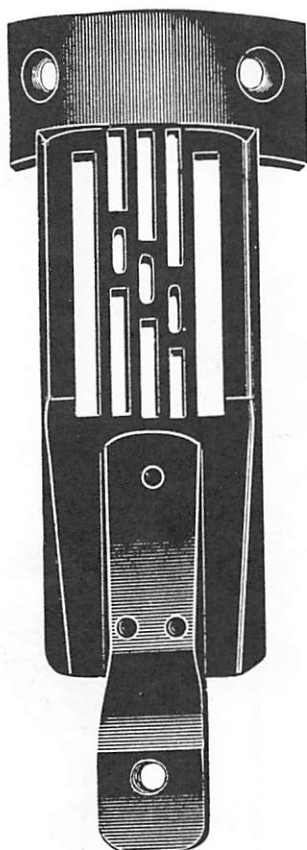
TERMS

Prices are net cash and subject to change without notice. All shipments are forwarded f. o. b. shipping point. Parcel Post shipments are insured unless otherwise directed. A charge is made to cover postage and insurance.



Style 12000 A

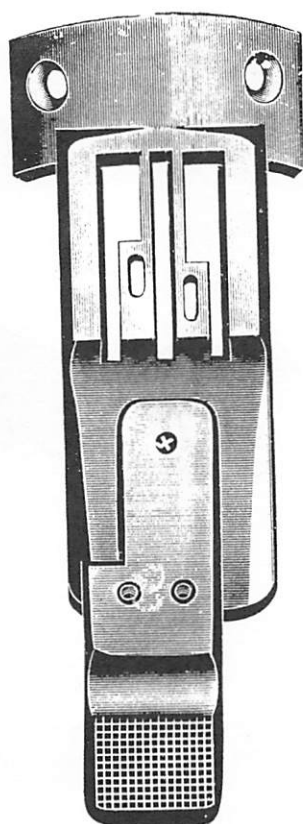
Plate 1 - Full Size



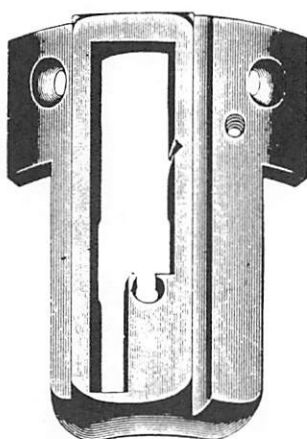
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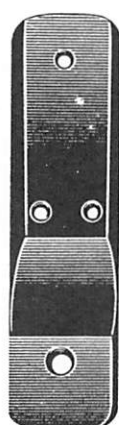
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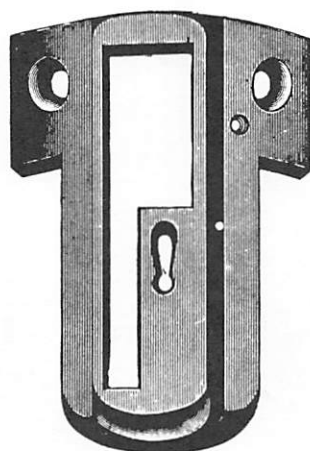
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11828A

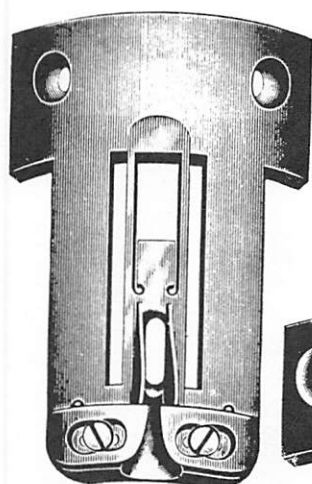


31581B

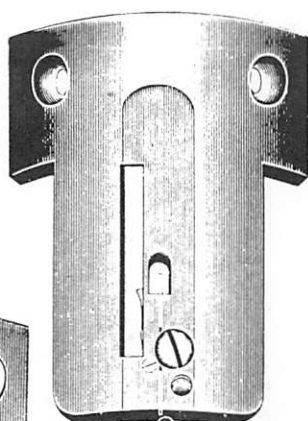


11828

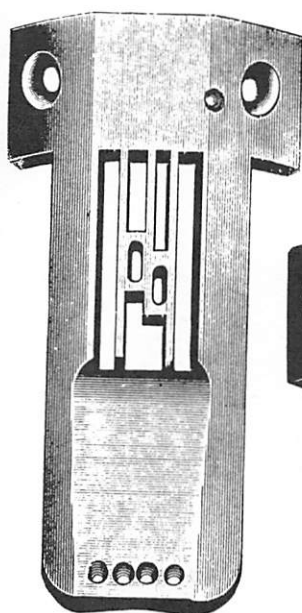
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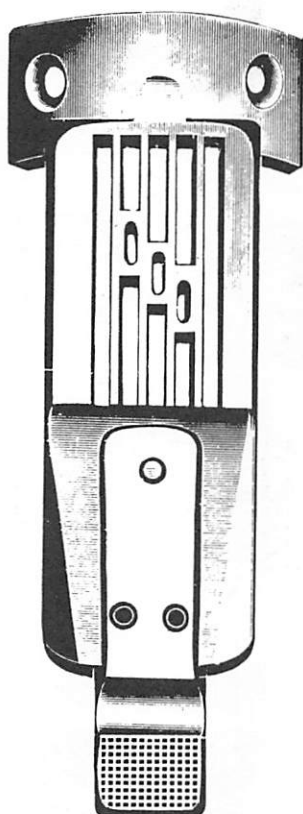
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Gauge



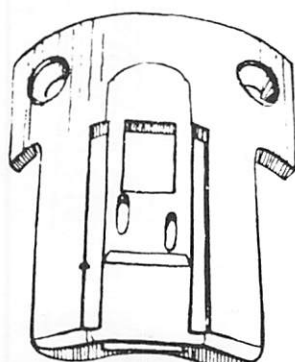
12224A



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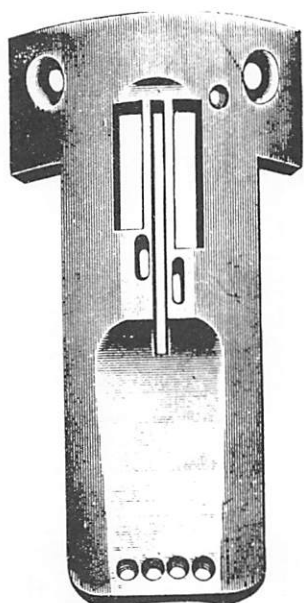


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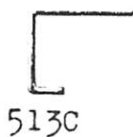


12024P-4 1/2

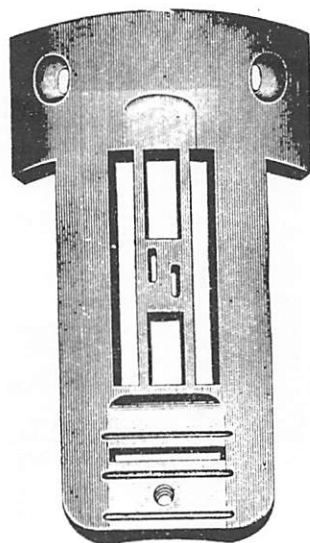
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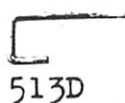
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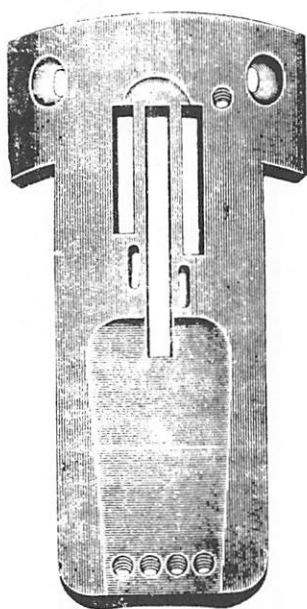
513C



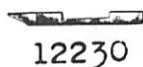
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Specify
Gauge



513D



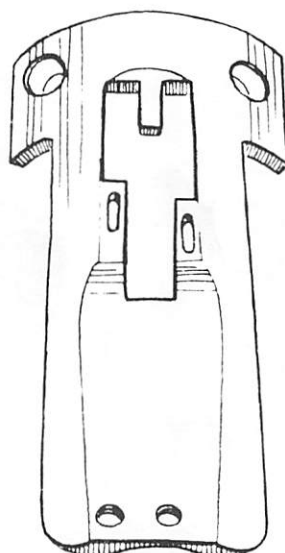
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Specify
Gauge



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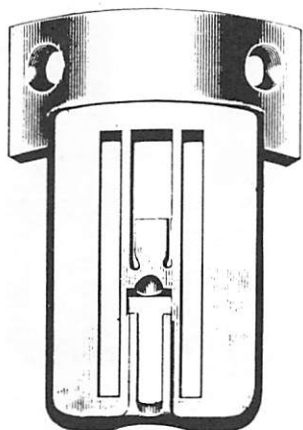


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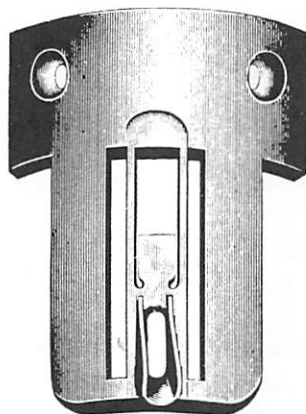


513-5 1/2

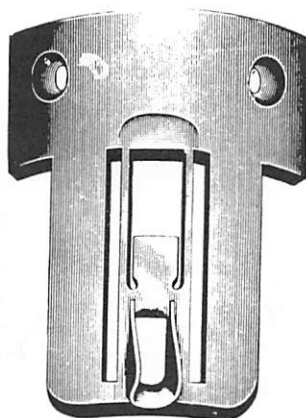
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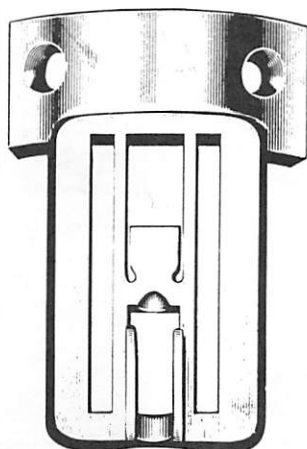
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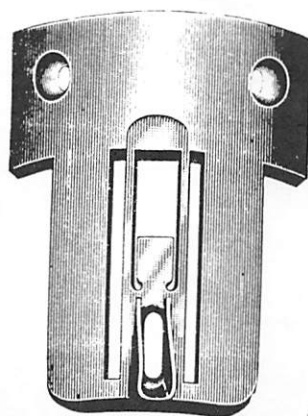
11924J
Specify
Gauge



512E



11924N-16



11924 - c/
Specify
Gauge

Plate 5 - Full Size



11905



11905A



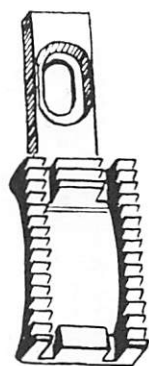
11905B



12005A



12105 I



12005P



31505A
Specify
Gauge



31505C -10



12105E
Specify
Gauge



11926E



11926J



11926K



11926L



11905J



11905L



11905R



11905N

Plate 6 - Full Size



12205



464D



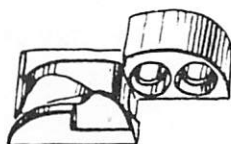
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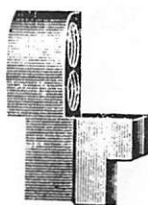
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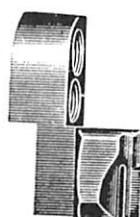
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Specify
Gauge



12125 A



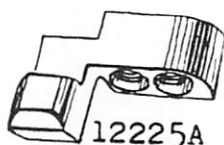
12025A



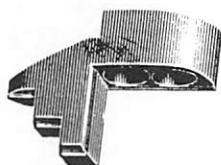
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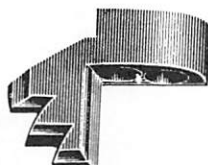
11826A



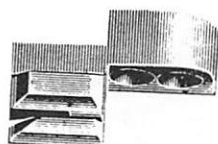
12225A



31525B



31525C



12025D



A472



B472



C472



12210



E472

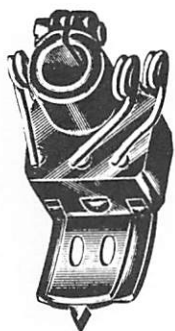


G472

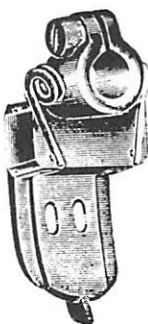


11825C

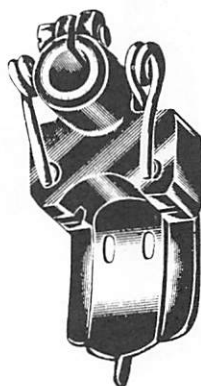
Plate 7 - Full Size



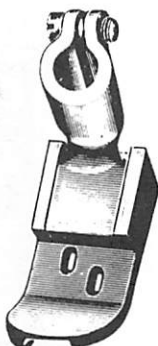
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Specify Gauge



3020D
Specify Gauge



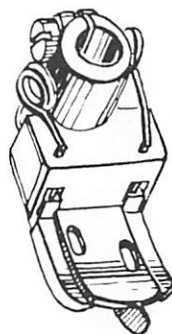
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Specify Gauge



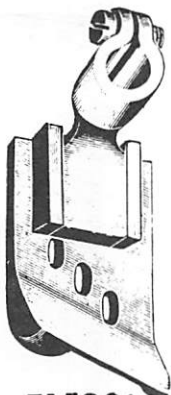
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Specify Gauge



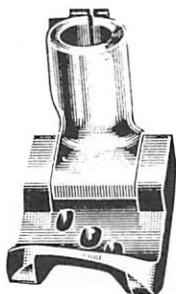
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Specify Gauge



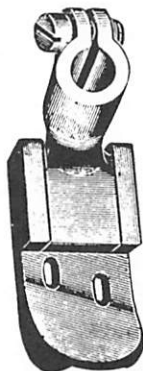
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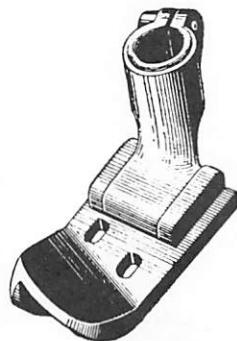
31520A
Specify Gauge



31520C-9

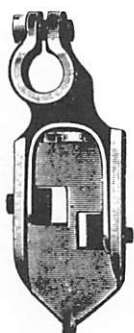


504
Specify Gauge



12120E
Specify Gauge

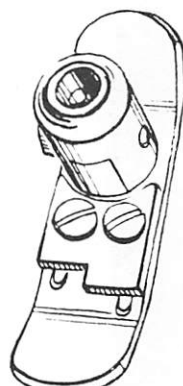
Plate 8 - Full Size



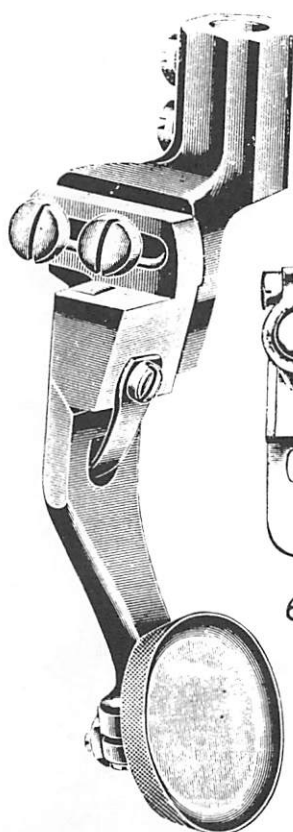
503A
Specify Gauge



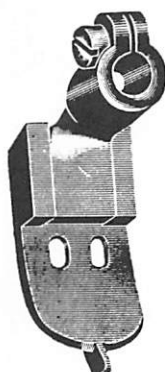
8220
Specify Gauge



12127B-5 1/2



12220A-1 1/8



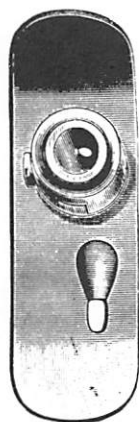
503E



10819



65M



65 X



11820D

Plate 9 - Full Size



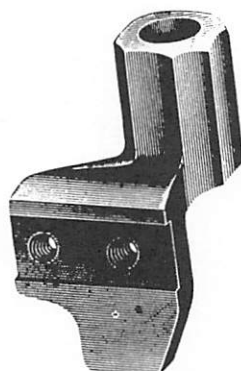
12237A



503B-1



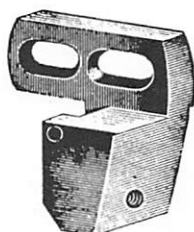
370



12241



503B-3



12240



7240



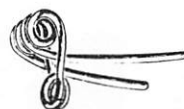
3040



8535



1588A



11940B



3041



3042



11940



11940A



11941



11941 A



11942



11942A

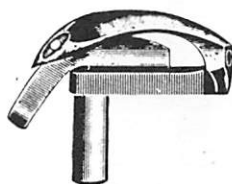
Plate 10 - Full Size



11907



472A



472C
Specify
Gauge



12207



473



472
Specify
Gauge



11808C



12208



31509A-9



31509



31508-9



31509D-6



31508B-6

Plate 11 - Full Size



Plate 12 - Full Size

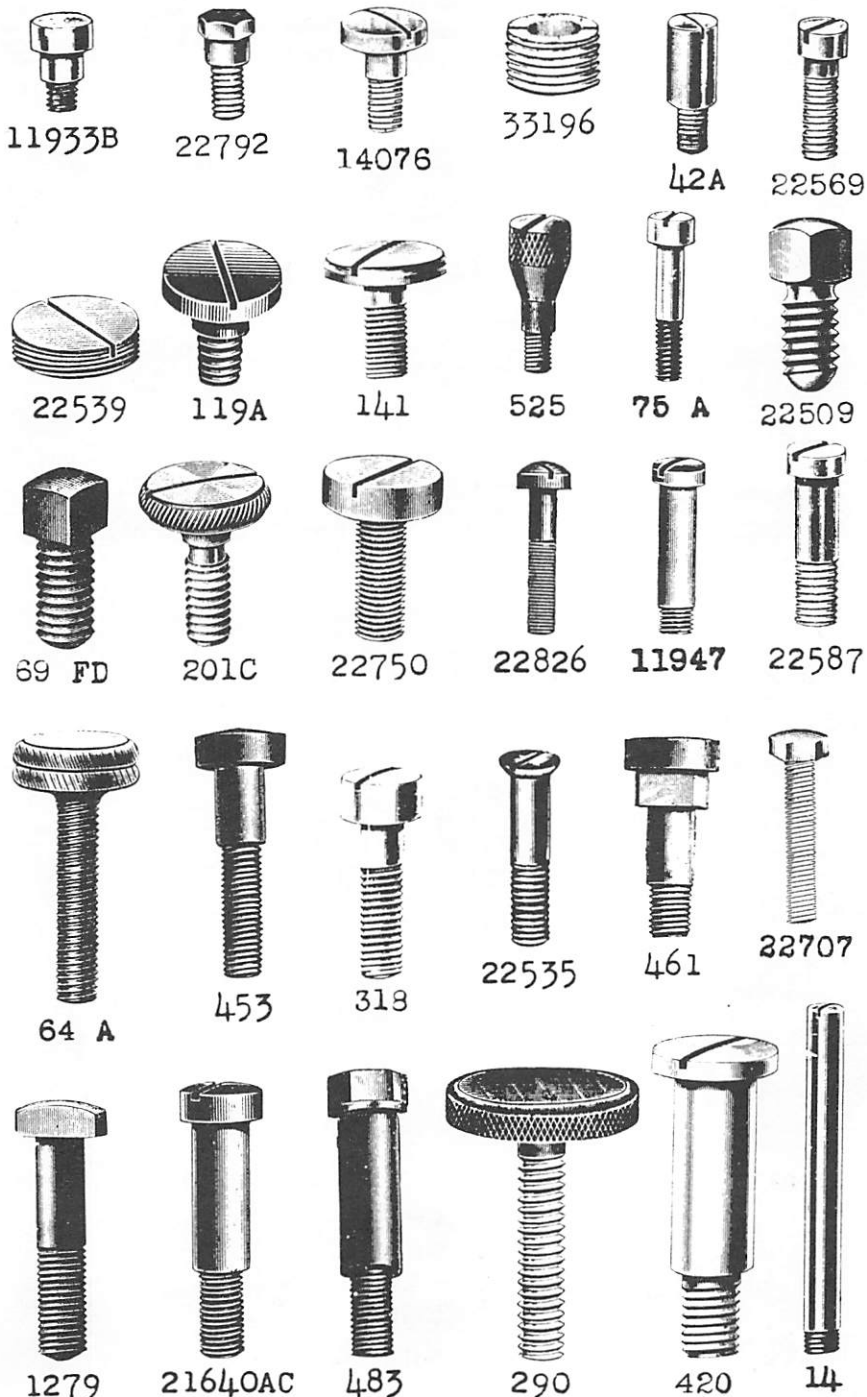


Plate 13 - Full Size



907



56



479



375



9937



18



1280



462



64B



11638M



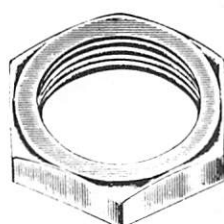
15430C



15430D



12990



6091



6091A



11978



20



652 C-9



6042A



454 A



499



485



15438B



11933E



11932B



108



107



16164



1347



109



2538



31562



41046G



57 WB



1288



1287



1346

Plate 14 - Full Size

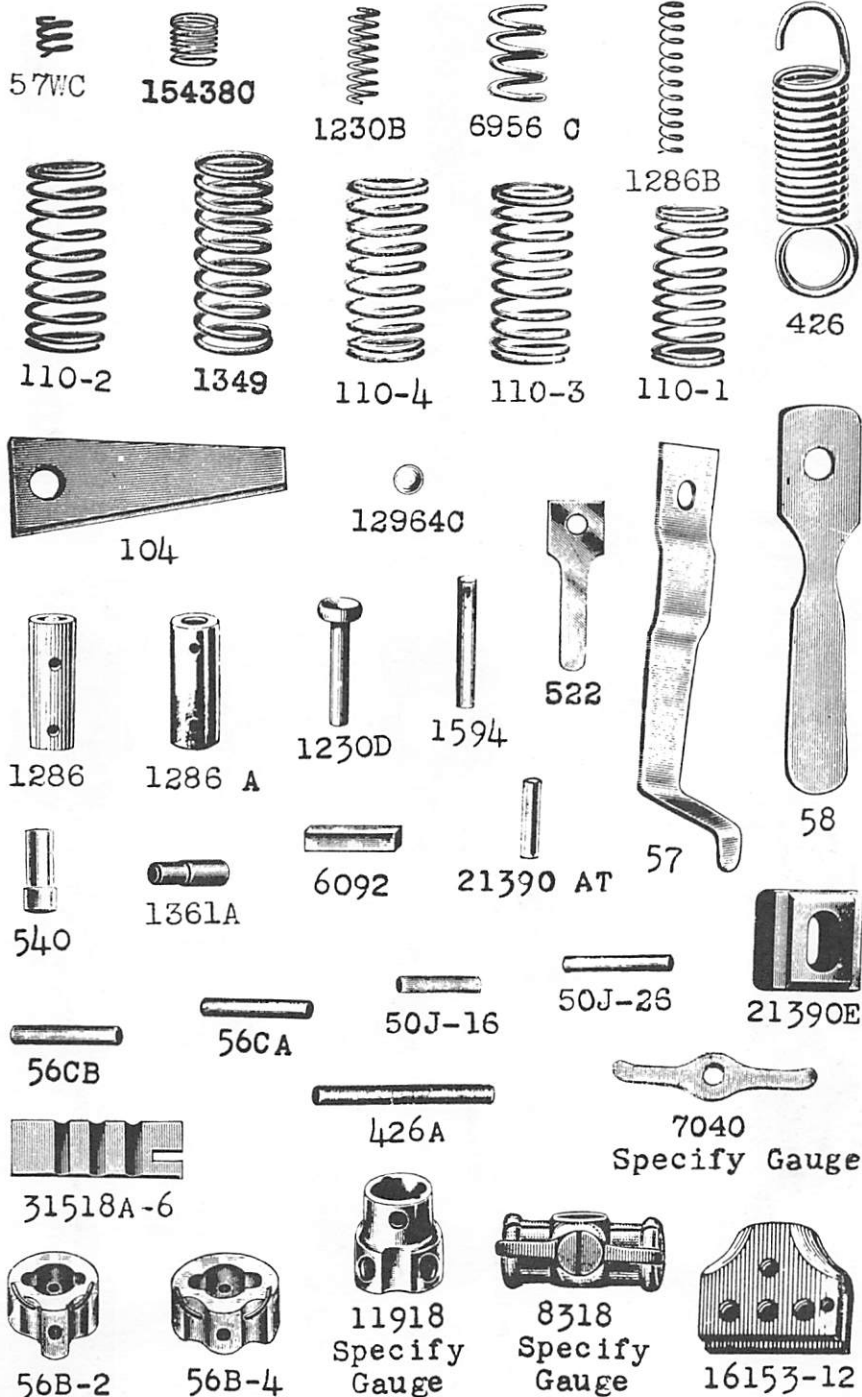
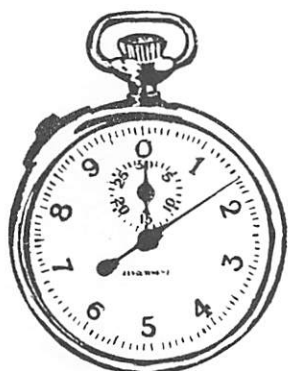


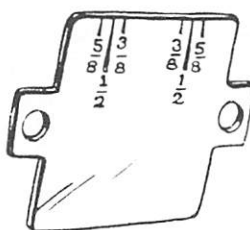
Plate 15 - Full Size



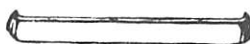
WA15



21350



12179D



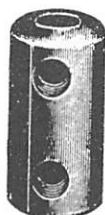
12179 C



V113



21351



21113 B



21225
SPECIFY
MEASUREMENT



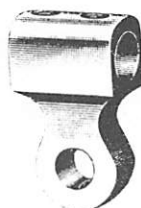
21361



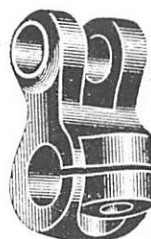
11947B



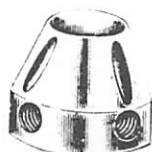
154



162



12055N



6093



475C



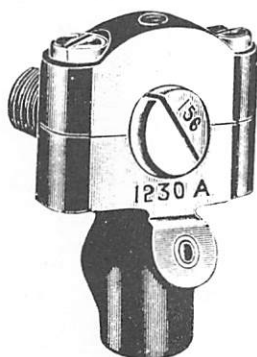
21362



12873A



12873



29066B



486



156



484



478

Plate 16 - Full Size

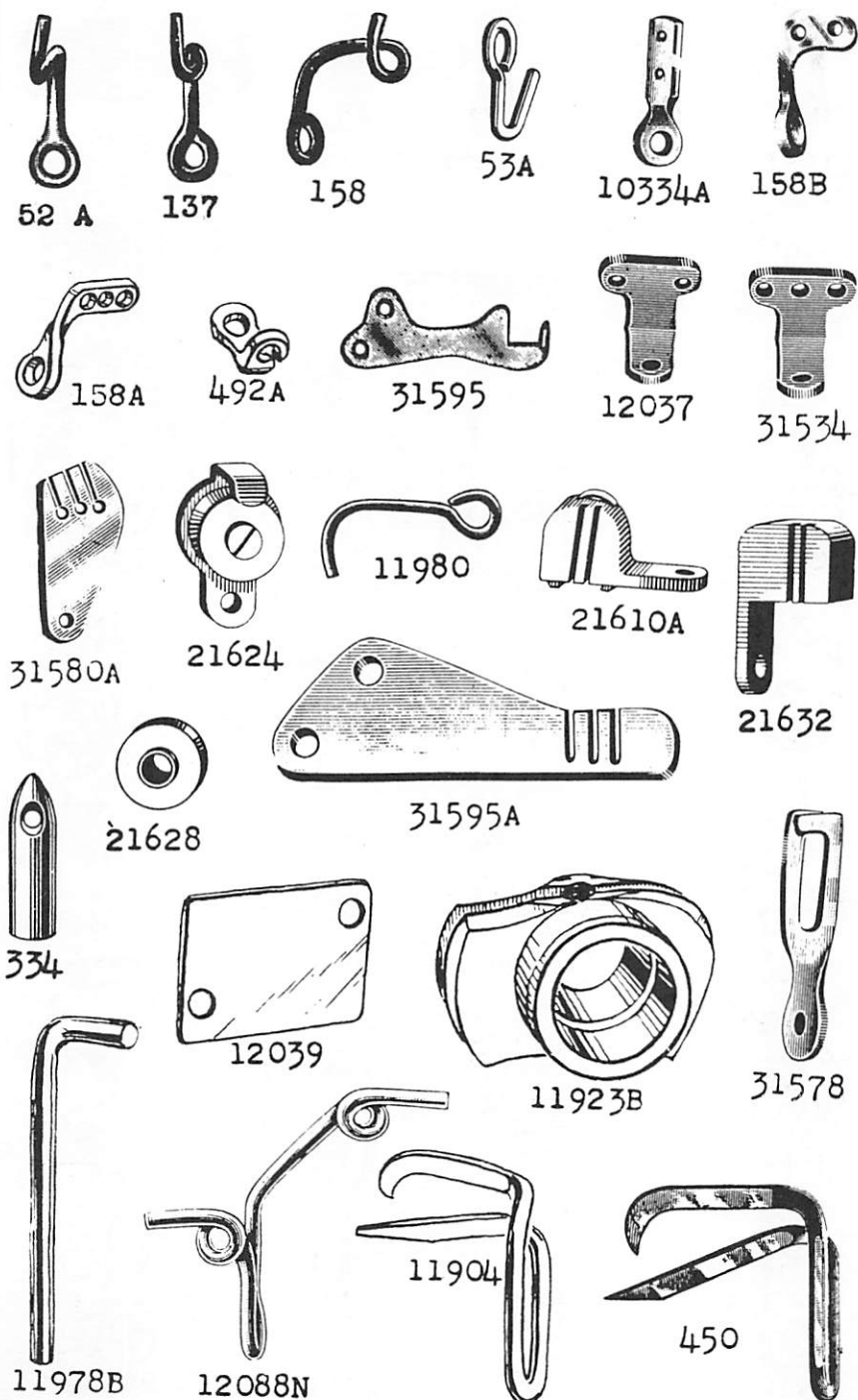


Plate 17-One-Half Size



11945



11948



11945A



11946A



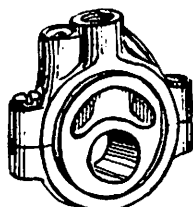
6090A



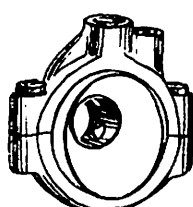
29304F



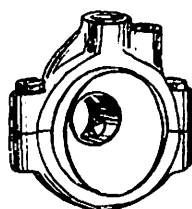
12099N



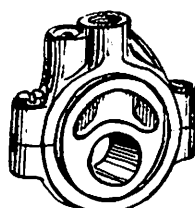
29108K



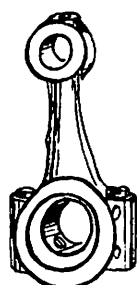
29069B



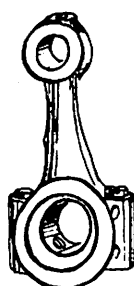
29107D



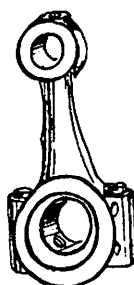
29108J



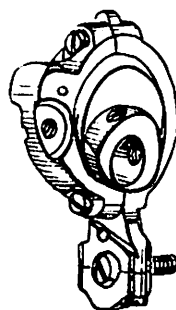
29105



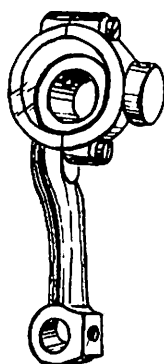
29106B



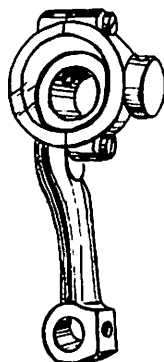
29118



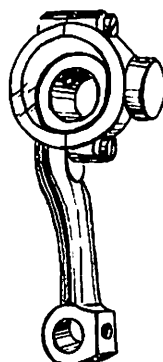
29104B



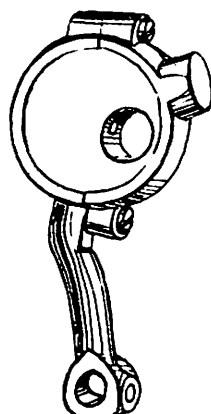
29101



29103



29117



29119

Plate 18-One-Half Size



498



498A



488



31555B



11814C



471A



457



11806C



11870



11970



12070N



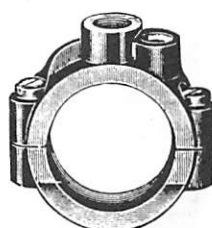
31570C



12058N



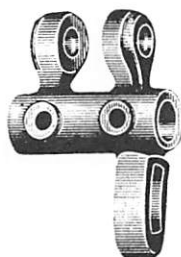
11837



15430M



1230A



12054N



54



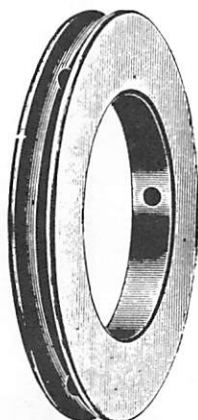
12057N



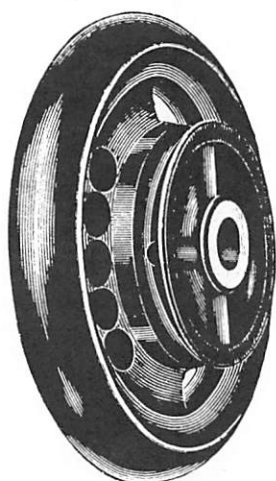
11935



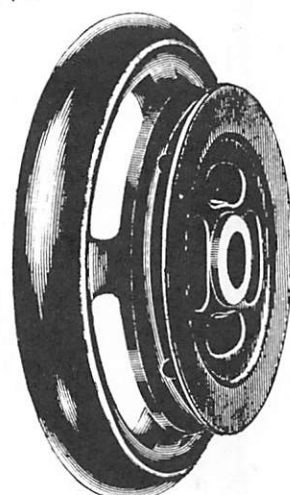
480



11898



497



31521

Plate 19-One-Half Size

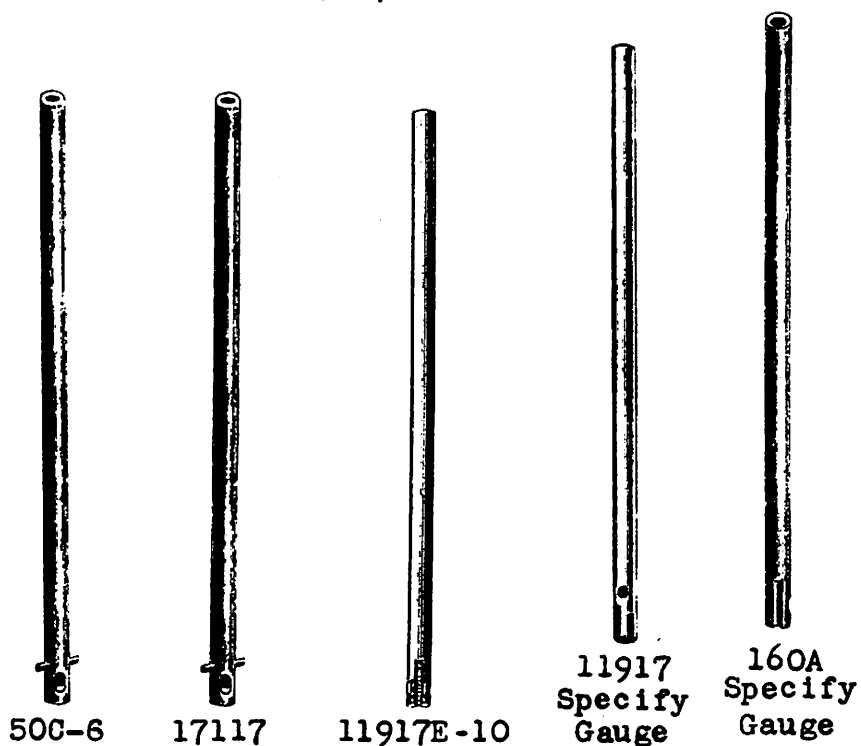
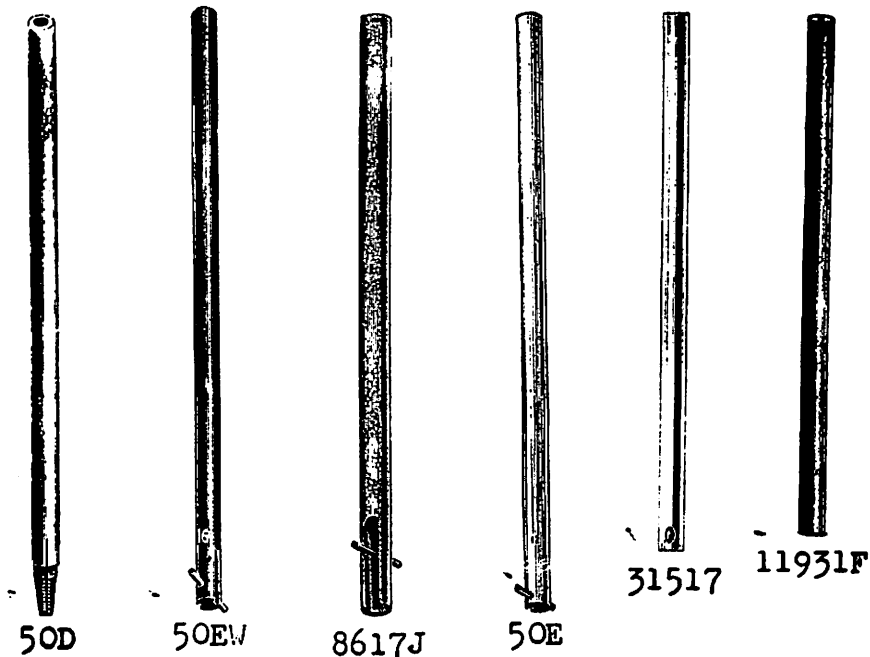


Plate 20-One-Half Size

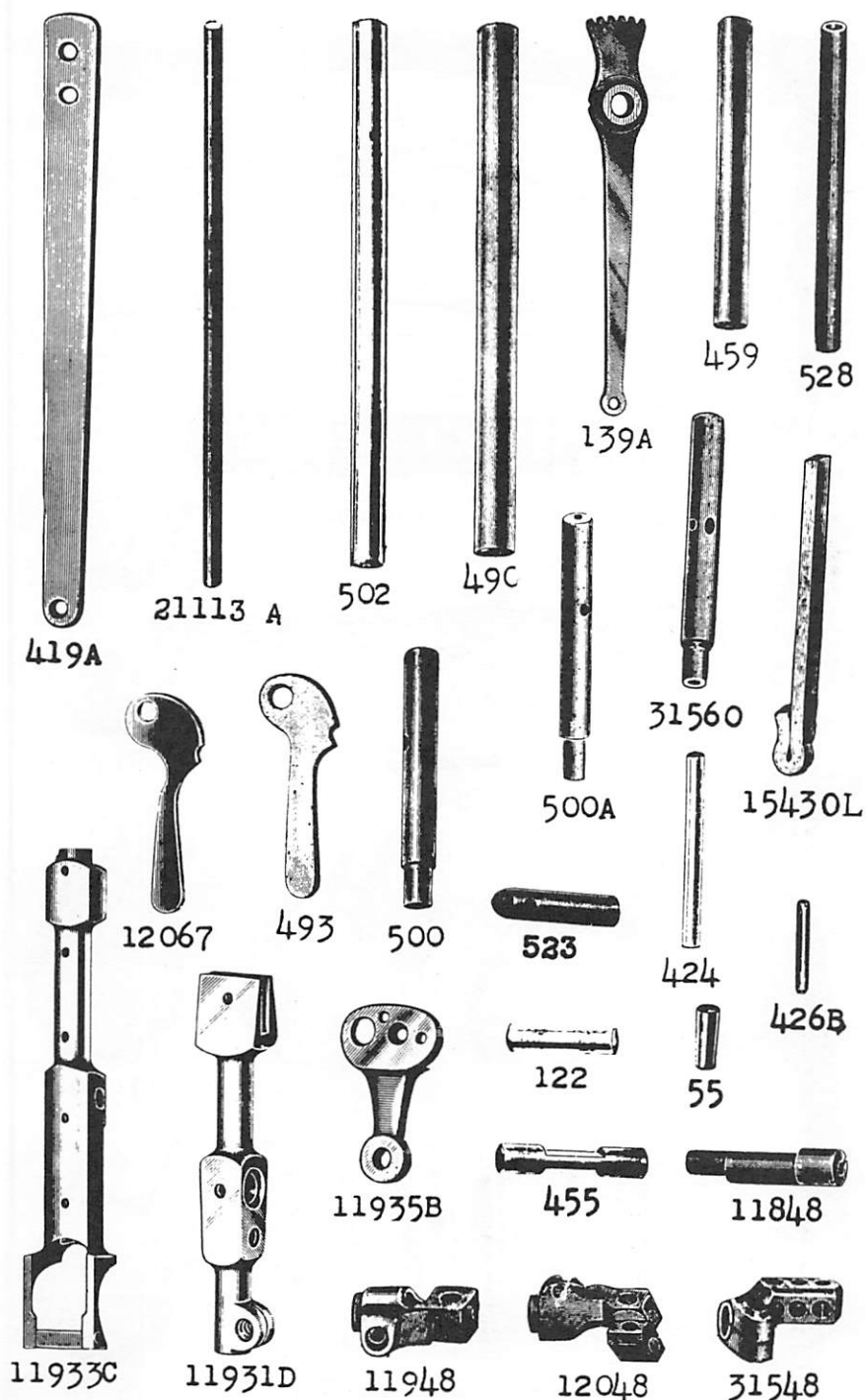


Plate 21-One-Half Size

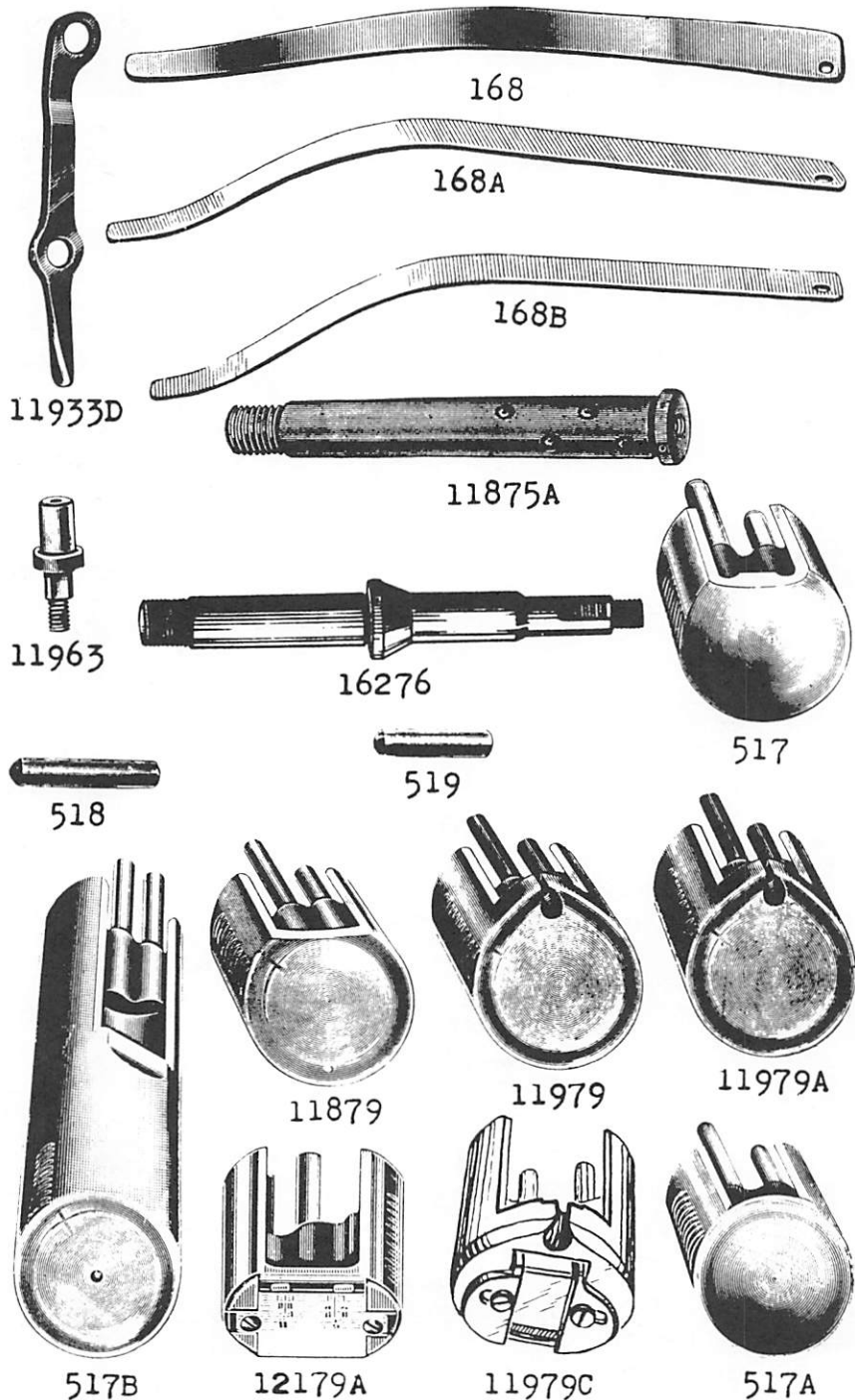
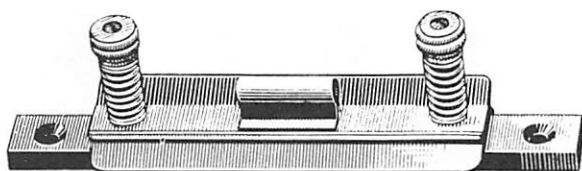
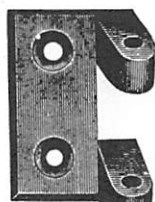


Plate 22-One-Half Size



21182N



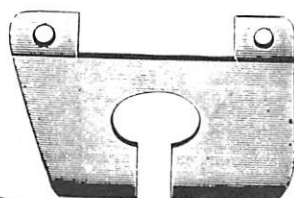
423



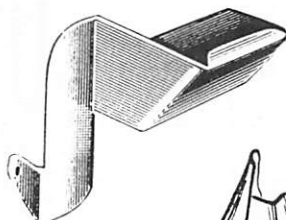
11878



21396AF



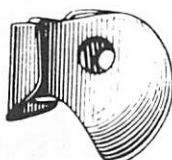
11895



21396AE



23157L-1

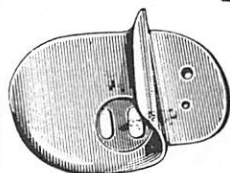


23421B

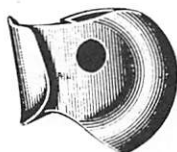
Specify Gauge
and
Capacity



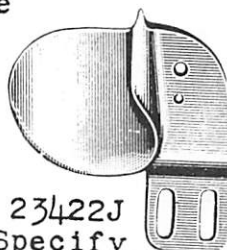
23423J



23422A
Specify
Capacity



23421J
Specify Gauge
and
Capacity



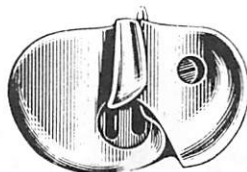
23422J
Specify
Capacity



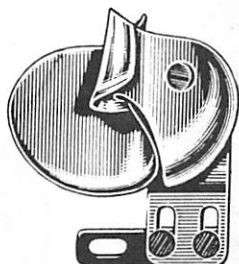
23157K-1



601
Specify Gauge
and Capacity



23420A
Specify Gauge
and
Capacity



23420J
Specify Gauge
and
Capacity

Plate 23-One-Half Size

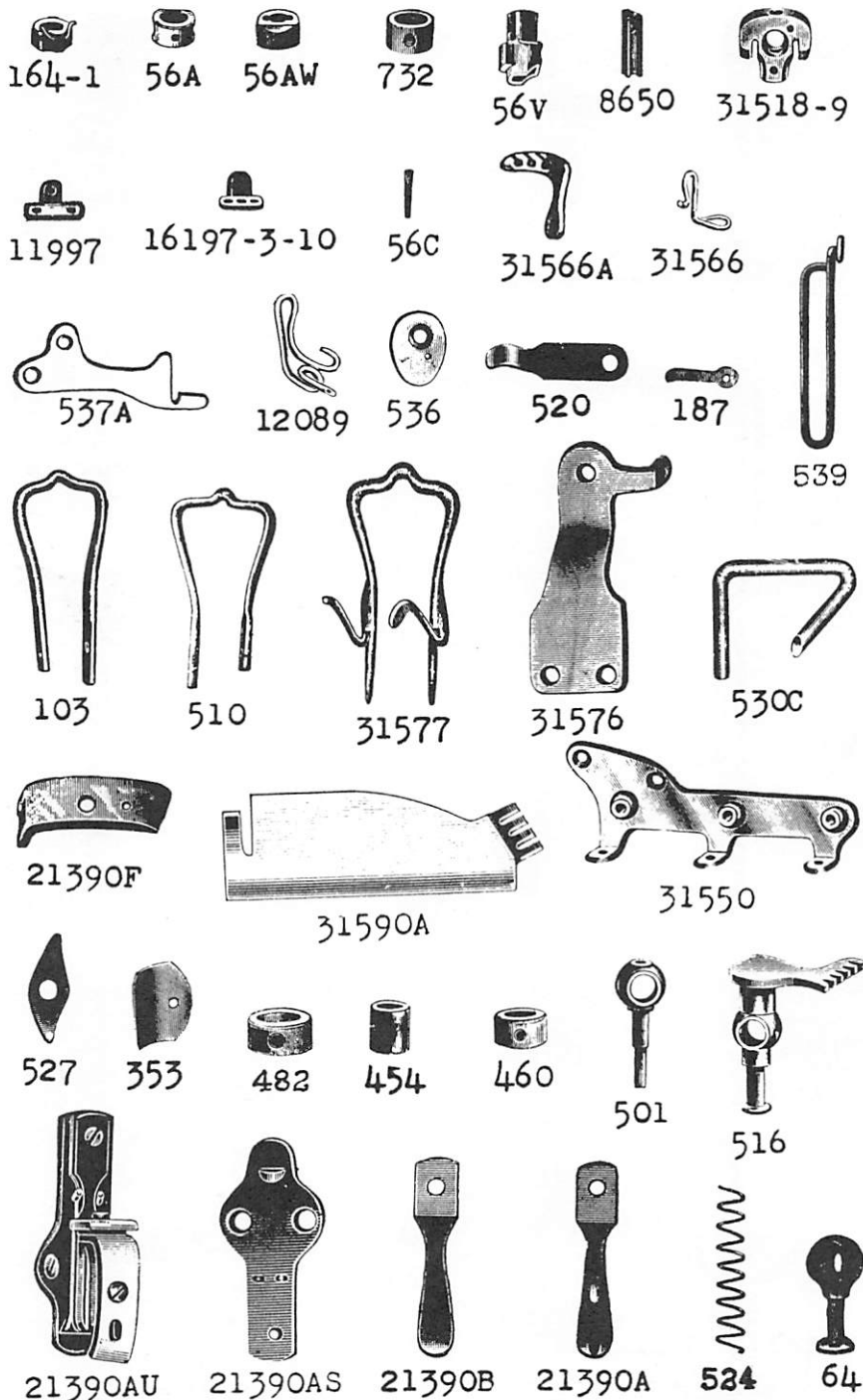
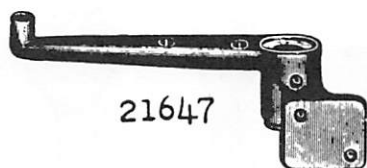
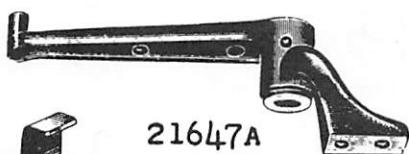


Plate 24-One-Half Size



21647



21647A



21645



21642D



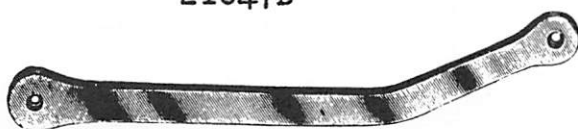
11890E



21647B



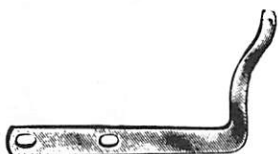
21647D



21649



21642H



21647E



21647G



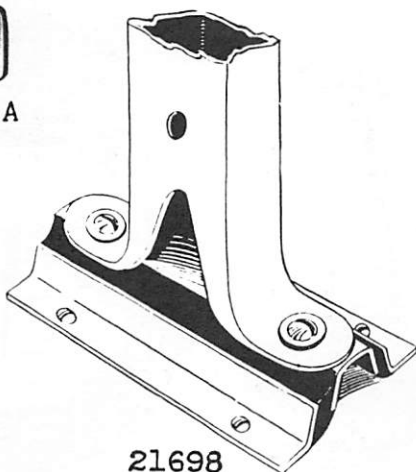
21646A



21647H



21642G



21698

Specify Length

Plate 25-One-Half Size



116



116A



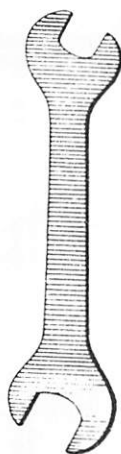
115



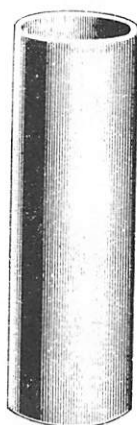
21388



21388 N



21388 R



21355



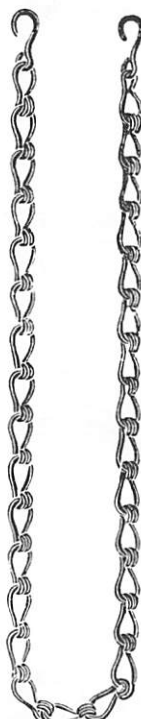
118B



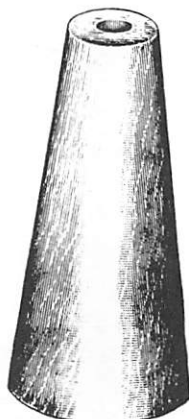
21207



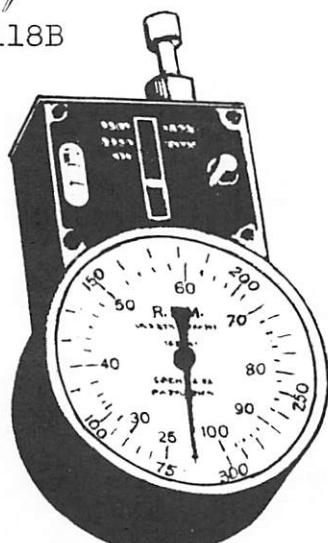
529



421



21145



TA 55

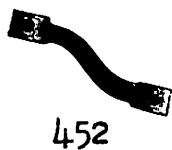
Plate 26-One-Third Size



509



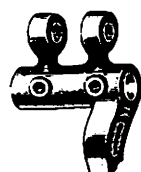
506



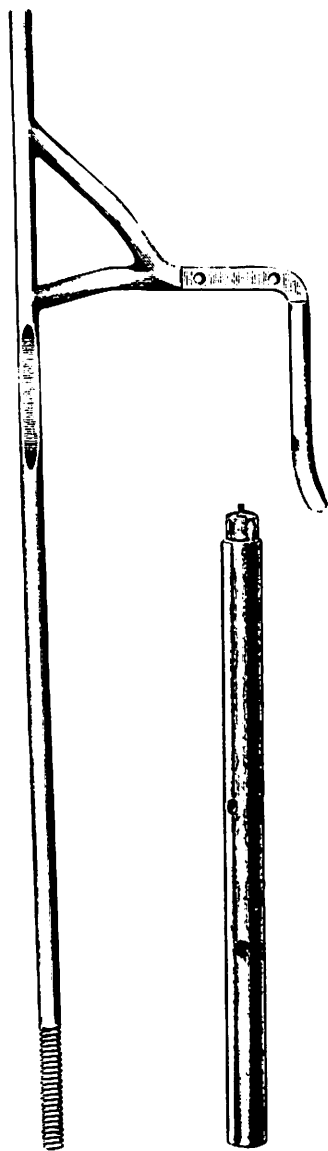
452



11932



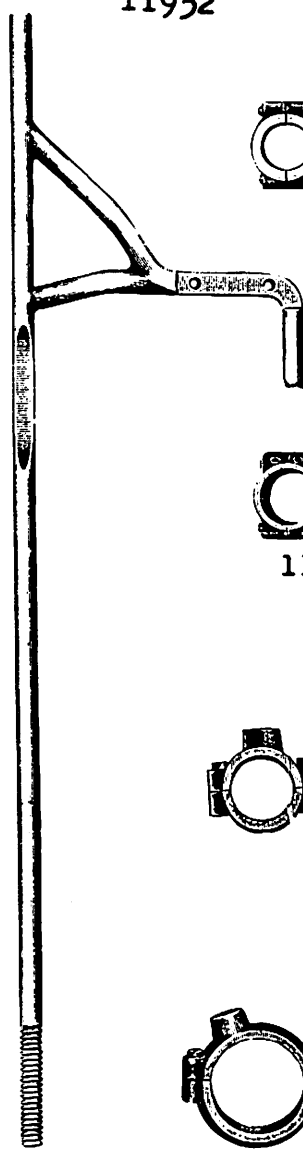
11962



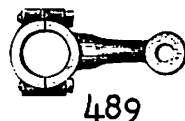
21647C



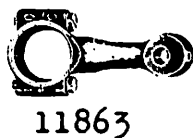
505



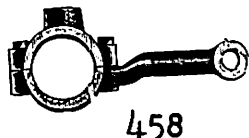
21647L



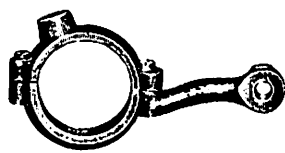
489



11863



458



11838

Plate 27-One-Fourth Size



456



11836



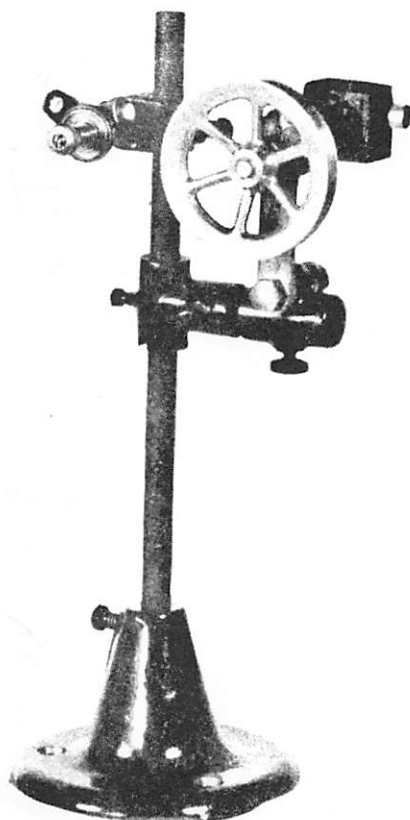
11936A



419B



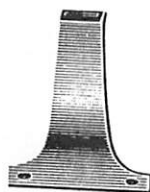
12056N



21231



11951



23156



11830A



11816A

Plate 28-One-Fourth Size

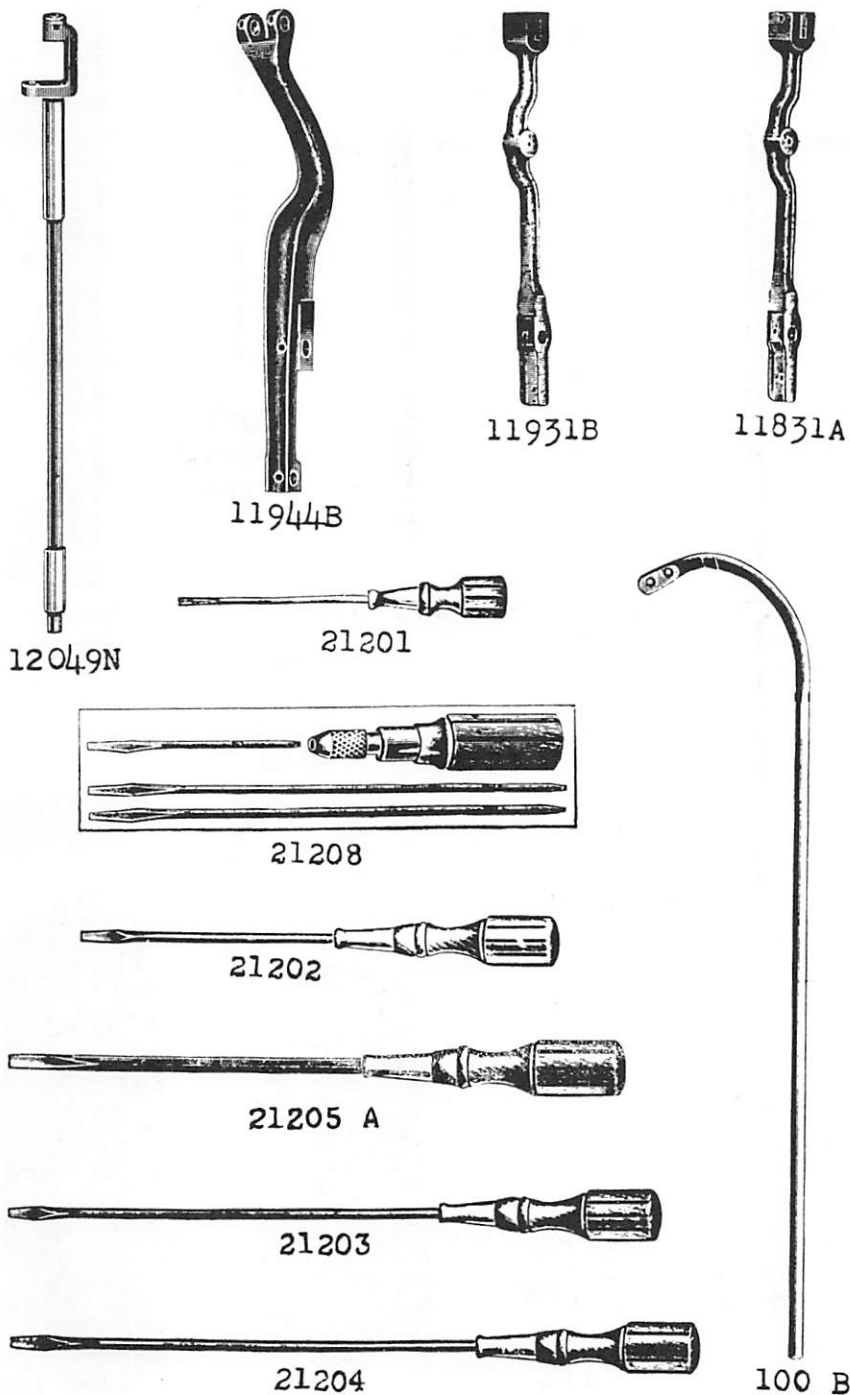


Plate 29-One-Fourth Size

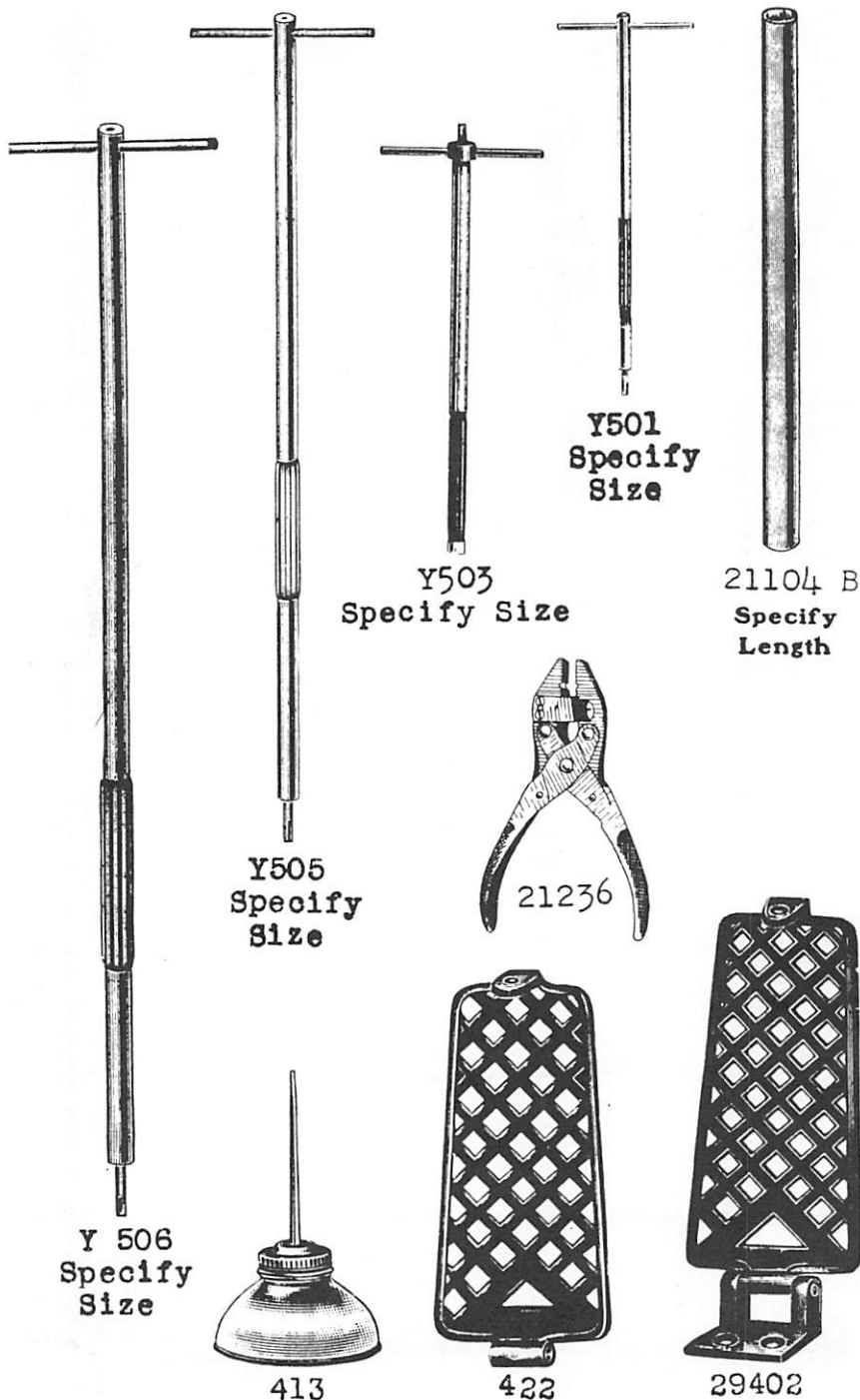


Plate 30-One-Eighth Size



11815A



494



31575



521



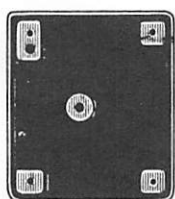
11883



31574



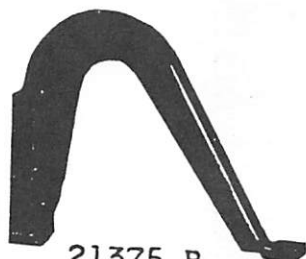
507



21680J



526



21375 B



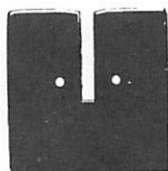
11801H



11801J



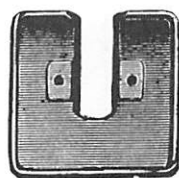
534



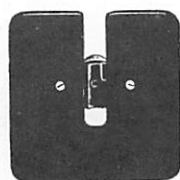
533A



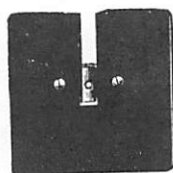
12101



12101A



532

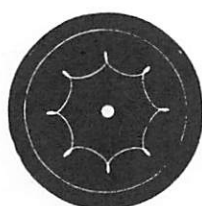


532A



533

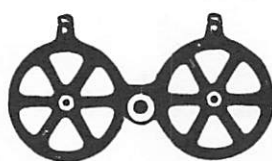
Plate 31-One-Eighth Size



21178



21385B



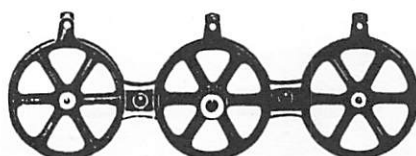
21130 A-2



119



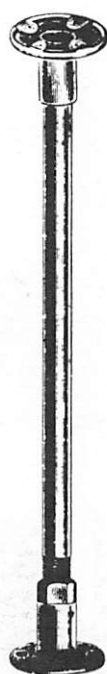
201A



21130 A-3



01-19



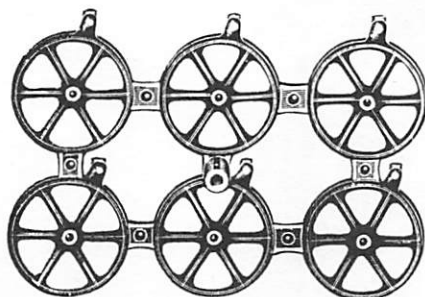
414



69 S



21104 A



21130A-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.	Plate No.
14	Hinge Screw, for looper thread take-up box cover - - - - -	12
WA15	Stop Watch- - - - -	15
18	Looper Shaft Ball Stud Nut; also for Nos. 453, 483, 11932, 21647 C, 21647 L - - - - -	13
OI-19	Pressure Pump Oil Can, 1 1/2 pints capacity	31
20	Feed Bar Link Stud Washer, for Styles 11900K, 11900 L - - - - -	13
25 B	Screw, for cylinder cover spring, also for Nos. 12511, 23421 B, all gauges, in 1/32 and 1/16 inch capacities- - - - -	11
25 CC	Screw, for frame side cover on styles in Class 11800; also for Nos. 23421 J, all gauges, in 3/32, 7/64, 1/8 and 5/32 inch capacities	11
28 B	Adjusting Screw, for presser foot spring guide on Style 12200 A; also for No. 11918-8	11
28 C	Set Screw, for needles on No. 6 gauge Style 31500 A; also adjusting screw for presser foot needle guard on Style 12000 D- - - - -	11
42 A	Hand Lifter Screw Pin - - - - -	12
50 C-6	Needle Bar, marked "A-6" for No. 5 1/2 gauge Styles 12000 B, 12100 B, 12100 T- - - - -	19
50 D	Needle Bar, for styles in Class 11800 - - - - -	19
50 E	" " marked "B-12" for No. 12 gauge styles in Class 11900 - - - - -	19
	" " Set Screw No. 88 A	
50 J-16	" Stop Pin, 7/16 inch long, for No. 5 gauge Styles 12000 B, 12100 B- - - - -	14
50 J-26	Needle Stop Pin, 19/32 inch long, for No. 5 1/2 gauge Styles 12000 B, 12100 B, 12100 T and No. 9 gauge Styles 31500 A, 31500 B - -	14
50 EW	Needle Bar, marked "H-16", for No. 16 gauge styles in Class 11900 (set screw No. 88 A)	19
52 A	Needle Lever Thread Eyelet, front, for styles in Class 11800; also frame needle thread eyelet for intermittent nipper spring on Styles 12000 D, 12000 F, 12200 A (screw No. 98 A) - - - - -	16
53 A	Needle Bar Thread Guide, for styles in Class 11800 (screw No. 22768, lock washer No. 652 C-9)- - - - -	16
54	Needle Lever Link - - - - -	18
TA54	Hand Tally- - - - -	-
55	Looper Adjusting Lever Link Pin, 5/8 inch long; also for Nos. 11935, 11935 B, 11964	20
TA55	Hand Tachometer, 4 speed type, 90 to 12000 R.P.M.- - - - -	25
56	Needle Clamp Nut, for styles in Class 11800	13

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.	Plate No.
56 A	Needle Clamp Collar, for No. 12 gauge styles in Class 11900 (needle set screw No. 88 B, taper pin No. 56 C) - - - - -	23
56 B-2	Needle Clamp Collar, for Nos. 3 and 4 gauge styles in Class 12000, also No. 4 gauge Style 12100 B (needle set screw No. 166, taper pin No. 56 CA) - - - - -	14
56 B-4	Needle Clamp Collar, for No. 4 1/2 and 5 gauge styles in Classes 12000, 12100 (needle set screw No. 166, taper pin No. 56 CB) - - - - -	14
56 C	Taper Pin, 1/2 inch long, for needle clamp collar on No. 12 gauge styles in Class 11900; also for No. 56 V - - - - -	23
56 V	Needle Clamp Collar, for Style 12200 A - - - - -	23
56 AW	Needle Clamp Collar, for No. 16 gauge styles in Class 11900 (needle set screw No. 88 B, taper pin No. 56 CA) - - - - -	23
56 CA	Taper Pin, 17/32 inch long, for needle clamp collar on No. 16 gauge styles in Class 11900; also for No. 56 B-2 - - - - -	14
56 CB	Taper Pin, 19/32 inch long, for needle clamp collar on Nos. 4 1/2 and 5 gauge styles in Classes 12000, 12100 - - - - -	14
57	Looper Thread Nipper Spring, upper (screw No. 90)	14
57 WB	Needle Bar Thread Nipper Plate, for styles in Class 11900, Style 12000 A - - - - -	13
57 WC	Needle Bar Thread Nipper Spring - - - - -	14
57 WD	" " " " Stud - - - - -	11
58	Looper Thread Nipper Spring, lower (screw No. 90)	14
64	Presser Spring Rest (screw No. 88) - - - - -	23
64 A	" " Regulating Screw - - - - -	12
64 B	" " " " Lock Nut - - - - -	13
65 M	" Foot, for No. 12 gauge Style 11900 B (clamp screw No. 91) - - - - -	8
65 X	" Foot Assembly, for Style 11800 H; one each Nos. 65 XC, 65 XD, 86 X; two No. 88 - - - - -	8
65 XC	" Foot Bottom, for Style 11800 H (hinge screw No. 86 X) - - - - -	-
65 XD	" Foot Shank, for Styles 11800 C, 11800 H (set screw No. 88) - - - - -	-
69 S	Spool Pin, 4 inches long, for thread stand - - - - -	31
69 FD	Screw, square head, cup point, 5/16 inch diame- ter, 18 threads per inch, 5/8 inch long, for thread stand seats - - - - -	12
73	Set Screw, fillister head, for loopers - - - - -	11
73 A	Screw, for looper needle guards; also for Nos. 11930 A, 11930 B, 11997, 16197-3-10 - - - - -	11
75 A	Screw, for feed lift lever eccentric connection; also for Nos. 489, 11838, 11863, 12056 N - - - - -	12

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.	Plate No.
77	Screw, for looper adjusting lever link pin, also for Nos. 501, 1286 A- - - - -	11
78	Set Screw, headless, for lower needle lever link pin - - - - -	11
79	Clamp Screw, for looper holder on styles in Class 31500; also for No. 11931 D - - - - -	11
80	Screw, for looper thread take-up box; also for Nos. 528, 533, 533 A, 11801 J, 12101 A- - - - -	11
81	Spot Screw, for feed lift eccentric; also for Nos. 457, 11837, 12058 N, 12099 N, 31570 C- - -	11
86	Hand Lifter Stud- - - - -	11
86 A	" " " plus size; tap No. V113- - - - -	11
86 X	Hinge Screw, for presser foot on Styles 11800 C, 11800 H, 12100 T- - - - -	11
87	Screw, for looper thread nipper spring cam; also for Nos. 536, 21390 AS- - - - -	11
88	Screw, for feed rocker shaft collar; also for Nos. 64, 65 X, 1288, 2538, 6093, 8650, 11820 D, 12127 B-5 1/2, 21113 B- - - - -	11
88 A	Set Screw, fillister head, for needle bar; also for Nos. 516, 12220 A-1 1/8, 12241- - - - -	11
88 B	Set Screw, headless, for needles on styles in Class 11900, also for outer needles on No. 9 gauge styles in Class 31500 - - - - -	11
89	Spot Screw, for looper thread take-up; also for Nos. 164-1, 732, 8318-5 1/2, 16153-12, 31518-9	11
90	Screw, for looper thread nipper springs; also for Nos. 353, 11878, 11890 B, 21390 E, 21642 D, 21642 H, 21646 A, 21647 D, 23156, 31595, 31595 A	11
91	Clamp Screw, for presser feet; also for No. 12237 A - - - - -	11
91 A	Screw, for presser foot needle guard on Styles 12000 D, 12000 F; also for No. 8535 - - - - -	11
93	Screw, for tension release lever connection on styles in Classes 11800, 12100, 31500, Styles 12000 A, 12000 B, 12000 P; also for Nos. 12240, 21396 AE, 21396 AF, 21645 - - - - -	11
93 A	Screw, for lifter lever extension; also for No. 31576 - - - - -	11
94	Screw, for looper thread take-up eyelet spring; also for Nos. 464 B, 464 D, 539, K5278, 11805 C, 11825 C, 11826 A, 11905, 11905 A, 11905 B, 12005 A, 12005 P, 12088 N, 12105 B-4, 12105 B-5, 12105 E-4, 12105 E-4 1/2, 12105 E-5, 12105 I, 12205, 23422 J-3/32, 23422 J-7/64, 23422 J-1/8, 23422 J-5/32, 31505 A-6, 31505 A-10, 31505 C-10	11
95	Set Screw, for feed rocker shaft, also for Nos. 11848, 11870, 11970, 12058 N, 12070 N, 12099 N, 31570 C- - - - -	11
96	Spot Screw, for looper avoid lever eccentric on Styles 12100 B, 12100 T, 31500 B- - - - -	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.	Plate No.
96 A	Spot Screw, for looper avoid lever eccentric on styles in Classes 11800, 11900, 12000, Style 31500 A- - - - -	11
97	Screw, for looper thread cast-off wire bracket; also for Nos. 103, 480, 510, 11935 B, 12025 A, 12025 D, 12125 A, 12125 B, 12225 A, 31525 B, 31525 C, 31577 - - - - -	11
97 A	Screw, lower, for looper drive eccentric connection - - - - -	11
98	Set Screw, for needles on No. 5 1/2 gauge styles in Classes 12000, 12100; also for Nos. 122, 334, 482, 11962, 12054 N - - - - -	11
98 A	Screw, for needle lever thread eyelets; also for Nos. 492 A, 520, 11980, 12089, 31566, 31566 A, 31580 A- - - - -	11
100 B	Thread Stand Wire, 16 inches long (set screw No. 22632 F-24)- - - - -	28
103	Looper Thread Take-up Eyelet, for styles in Class 11900 (adjusting screw No. 97) - - - - -	23
104	Looper Thread Take-up Eyelet Spring (screw No. 94)- - - - -	14
107	Tension Spring Ferrule; also for No. 21182 N - - - - -	13
108	Tension Regulating Nut; also for No. 21182 N - - - - -	13
109	Tension Disc, with contact surface 5/64 inch wide, for machines using needle threads the equivalent in size of No. 50 and smaller - - - - -	13
110-1	Tension Spring, .026 inch diameter wire, for looper threads - - - - -	14
110-2	Tension Spring, .028 inch diameter wire, for needle threads - - - - -	14
110-3	Tension Spring, .040 inch diameter wire, for needle threads; also for Nos. 21182 N, 21385 B - - - - -	14
110-4	Tension Spring, .049 inch diameter wire, for needle threads - - - - -	14
V113	Tap, marked "Q2", for No. 86 A - - - - -	15
115	Wrench, 3/8 inch opening, for regulating length of stitch- - - - -	25
116	Wrench, 9/32 inch opening, for needle clamp nut - - - - -	25
116 A	" 7/32 inch opening, for hexagonal head needle set screws- - - - -	25
118 B	Thread Tweezers- - - - -	25
119	Stay Box Assembly, for Styles 12000 D, 12000 F; one each Nos. 119 A, 119 B, 119 C- - - - -	31
119 A	Stay Box Cover Pivot Stud- - - - -	12
119 B	" " - - - - -	—
119 C	" " - - - - -	—

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.	Plate No.
122	Feed Rocker Connection Pin and Feed Lift Lever Connection Pin, standard diameter .319 inch (set screw No. 98)- - - - -	20
122-320	Feed Rocker Connection Pin, standard diameter plus .001 inch- - - - -	---
122-322	Feed Rocker Connection Pin, standard diameter plus .003 inch- - - - -	---
122-325	Feed Rocker Connection Pin, standard diameter plus .006 inch- - - - -	---
137	Thread Controller Thread Eyelet, for Styles 12000 A, 12000 B, 12000 P, 12100 B, 12100T	16
138	Screw, for thread controller thread eyelet	11
139 A	Needle Thread Controller Lever Assembly, for styles in Classes 12000, 12100, 12200, 31500- - - - -	20
141	Screw, for needle thread controller lever on styles in Classes 12000, 12100, 12200, 31500; also for No. 31590 A - - - - -	12
154	Needle Lever Buffer, wood fibre - - - - -	15
156	" " Ball Stud- - - - -	15
158	" " Thread Eyelet, rear, for styles in Classes 12000, 12100, 12200, 31500 (screw No. 98 A)	16
158 A	Needle Lever Thread Eyelet, front, with three holes, for styles in Class 31500 (screw No. 98 A)- - - - -	16
158 B	Needle Lever Thread Eyelet, front, with two holes, for styles in Classes 11900, 12100; Styles 12000 A, 12000 B, 12000 P (screw No. 98 A) - - - - -	16
160 A-1	Needle Bar, marked "V-1", for No. 1 gauge styles in Class 12000 - - - - -	19
160 A-2	Needle Bar, marked "V-2", for No. 2 gauge	19
160 A-3	" " marked "V-3", for No. 3 gauge	19
160 A-4	" " marked "V-4", for No. 4 gauge styles in Classes 12000, 12100	19
160 A-4 1/2	Needle Bar, marked "V-4 1/2", for No. 4 1/2 gauge styles in Classes 12000, 12100- - -	19
160 A-5	Needle Bar, marked "V-5" for No. 5 gauge styles in Classes 12000, 12100- - - - -	19
162	Needle Bar Set Screw No. 88 A	15
164-1	" " Connection - - - - -	15
166	Needle Clamp Collar, for Nos. 1 and 2 gauge styles in Class 12000 (spot screw No. 89, needle set screw No. 166) - - - - -	23
166	Needle Set Screw, hexagonal head, for Nos. 1, 2, 3, 4, 4 1/2 and 5 gauge styles in Class 12000, also Nos. 4, 4 1/2 and 5 gauge styles in Class 12100 - - - - -	11
168	Presser Spring, for styles in Class 11900	21

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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.	Plate No.
168 A	Presser Spring, for styles in Class 12000- - -	21
168 B	Presser Spring, for styles in Classes 11800, 12100, 31500 (two required)- - - - -	21
187	Attachment Sliding Support Spring, for Styles 12100 B, 31500 A, 31500 B (screw No. 22561)-	23
187 A	Screw, for attaching double lap seam fellers on styles in Class 12000, and No. 5 1/2 gauge Style 12100 B, also for Nos. 513 C, 513 D, 12230, 23157 L-1 - - - - -	11
187 B	Screw, for needle holder thread guides on No. 5 1/2 gauge styles in Class 12100- - - - -	11
201 A	Frame, for lower tape reel on Style 12000 P- - -	31
201 C	Thumbscrew, for lower tape reel on Style 12000 P	12
290	" for cloth plate yoke - - - - -	12
318	Screw, for looper shaft rear bearing - - - - -	12
334	Tension Thread Eyelet, one eye, length overall 7/8 inch, for styles in Classes 11800, 11900, 12000, 12100 (screw No. 98)- - - - -	16
353	Looper Thread Take-up Box Cover Spring (screw No. 90)- - - - -	23
370	Roller, 1 1/8 inches diameter, for rolling presser foot assembly on Style 12200 A - - -	9
374	Screw, for expanding roller shank of rolling presser foot assembly on Style 12200 A - - -	11
375	Nut, for roller of rolling presser foot assembly on Style 12200 A - - - - -	13
413	Oil Can, complete - - - - -	29
414	Table Brace Assembly; one each Nos. 414 A, 414B, 414 C, 414 D (specify component parts in ordering)- - - - -	31
414 A	Table Brace Flange, right thread - - - - -	-
414 B	" " " left thread- - - - -	-
414 C	" " " Column - - - - -	-
414 D	" " " Lock Nut, right thread- - - - -	-
419 A	Lifter Lever Extension (screw No. 93 A)- - -	20
419 B	" " " Casting (stud No. 420)- - - - -	27
420	" " " Stud- - - - -	12
421	" " " Chain, 38 inches long - - - - -	25
422	" " " Treadle - - - - -	29
423	" " " Base- - - - -	22
424	" " " Pin (screw No. 22813) - - - - -	20
426	" " " Lever Spring- - - - -	14
426 A	" " " " Pin- - - - -	14
426 B	" " " Stop Pin- - - - -	20
450	Cast-off Wire, for styles in Classes 11800, 12000, 12100, 31500 (screw No. 22524)- - -	16
452	Feed Bar Link- - - - -	26
453	Feed Bar Link Stud, front (nut No. 18) - - -	12
454	Feed Bar Link Ferrule, 13/32 inch long - - -	23
454 A	Feed Bar Link Ferrule Washer - - - - -	13

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.	Plate No.
455	Feed Bar Guide Pin - - - - -	20
456	Feed Rocker, for styles in Classes 12000, 12200, 31500, Styles 11900 B, 11900 C, 11900 E, 12100 B - - - - -	27
457	Feed Drive Eccentric, throw .370 inch (spot screw No. 81)- - - - -	18
458	Feed Lift Eccentric Connection; also Feed Drive Eccentric Connection, for styles in Classes 11900, 12000, 12100, 12200, 31500 (screw No. 75 A) - - - - -	26
459	Feed Rocker Shaft, 3 7/32 inches long (set screw No. 95)- - - - -	20
460	Feed Rocker Shaft Collar (set screw No. 88)- - - - -	23
461	Stitch Regulating Stud - - - - -	12
462	Stitch Regulating Stud Nut; also for Nos. 482, 11963- - - - -	13
464 B	Feed Dog, for No. 5 1/2 gauge Style 12000 B (screw No. 94) - - - - -	6
464 D	Feed Dog, for No. 5 1/2 gauge Style 12100 B (screw No. 94) - - - - -	6
471 A	Feed Lift Eccentric, throw .199 inch, for styles in Classes 11900, 12000, 12100, 12200, 31500 (spot screw No. 81) - - - - -	18
472-1	Looper, front, without guard or guard pin, for No. 1 gauge Style 12000 A- - - - -	10
472-2	Looper, front, for No. 2 gauge Style 12000 A - - - - -	10
472-3	" front, for No. 3 gauge Style 12000 A - - - - -	10
472-4	" front, for No. 4 gauge Styles 12000 A, 12000 B- - - - -	10
472-4 1/2	" front, for No. 4 1/2 gauge Styles 12000 B, 12000 P - - - - -	10
472 A	Looper, with guard, for No. 12 gauge Styles 11900 B, 11900 C, 11900 K, 11900 L; also 8, 10 and 12 gauge Style 11900 E (guard No. G472, guard screw No. 73 A)- - - - -	10
472 B	Looper, without guard; otherwise same as No. 472 A- - - - -	-
472 C-1	Looper, front, with guard, for No. 1 gauge Style 12000 D (guard No. A472, guard screw No. 73 A)- - - - -	10
472 C-2	Looper, front, for No. 2 gauge Styles 12000 D, 12000 F (guard No. A472, guard screw No. 73A) - - - - -	10
472 C-3	Looper, front, for No. 3 gauge Styles 12000 D, 12000 F (guard No. A472, guard screw No. 73A) - - - - -	10
472 C-4	Looper, front, for No. 4 gauge Styles 12000 D, 12000 F, 12100 B (guard No. B472, guard screw No. 73 A)- - - - -	10

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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.	Plate No.
472 C-4 1/2	Looper, front, for No. 4 1/2 gauge Style 12100 B (guard No. C472, guard screw No. 73 A) - - - - -	10
472 C-5	Looper, front, for No. 5 gauge Styles 12000 B, 12100 B (guard No. C472, guard screw No. 73 A) - - - - -	10
472 C-5 1/2	Looper, front, for No. 5 1/2 gauge Styles 12000 B, 12100 B, 12100 T (guard No. E472, guard screw No. 73 A) - - - - -	10
472 D-4	Looper, front, without guard; otherwise same as No. 472 C-4 - - - - -	—
472 D-4 1/2	Looper, front, without guard; otherwise same as No. 472 C-4 1/2 - - - - -	—
472 D-5	Looper, front, without guard, otherwise same as No. 472 C-5 - - - - -	—
472 D-5 1/2	Looper, front, without guard; otherwise same as No. 472 C-5 1/2 - - - - -	—
A472	Looper Set Screw No. 73	
B472	Looper Needle Guard, marked "L" for No. 1, 2, 3 gauge Styles 12000 D, Nos. 2 and 3 gauge Styles 12000 F - - - - -	6
C472	Looper Needle Guard, marked "M" for No. 4 gauge Styles 12000 D, 12000 F, 12100 B - - - - -	6
E472	Looper Needle Guard, marked "N" for Nos. 4 1/2 and 5 gauge Style 12100 B - - - - -	6
G472	Looper Needle Guard, marked "AB" for No. 5 1/2 gauge Styles 12000 B, 12100 B, 12100 T - - - - -	6
473	Looper Needle Guard, marked "P" for styles in Class 11900 - - - - -	6
475 C	Looper Needle Guard Screw No. 73 A	
478	Looper, back, for styles in Class 12000, Style 12100 B (set screw No. 73) - - - - -	10
479	Looper Shaft Rocker Bushing - - - - -	15
480	Looper Drive Eccentric Connection Shell Ball Stud - - - - -	15
481	Looper Drive Eccentric Connection Ball Stud Nut - - - - -	13
482	Looper Drive Eccentric Connection Link (screw No. 97) - - - - -	18
483	Looper Drive Eccentric Connection Brace Collar (screw No. 98) - - - - -	23
484	Looper Drive Eccentric Connection Brace Stud (nut No. 18) - - - - -	12
485	Looper Shaft Ball Stud (nut No. 18) - - - - -	15

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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.	Plate No.
485	Looper Shaft Ball Stud Washer - - - - -	13
486	" " Swivel Stud (nut No. 462, lock nut No. 18)- - - - -	15
488	Looper Avoid Eccentric, throw .125 inch, for styles in Classes 11900, 12000, 12200, Style 31500 A (spot screw No. 96 A) - - - - -	18
489	Looper Avoid Lever Connection, for styles in Classes 11900, 12000, 12100, 12200, 31500 (screw No. 75 A, pin No. 122, pin set screw No. 77) - - - - -	26
490	Looper Avoid Lever Shaft, standard diameter .407 inch - - - - -	20
490-408	Looper Avoid Lever Shaft, standard diameter plus .001 inch- - - - -	—
490-410	Looper Avoid Lever Shaft, standard diameter plus .003 inch- - - - -	—
490-413	Looper Avoid Lever Shaft, standard diameter plus .006 inch- - - - -	—
490-416	Looper Avoid Lever Shaft, standard diameter plus .009 inch- - - - -	—
492 A	Cylinder Thread Guide, for styles in Class 11900 (screw No. 98 A)- - - - -	16
493	Hand Lifter, for styles in Class 11900 (stud No. 86) - - - - -	20
494	Needle Lever, steel, for styles in Class 11800	30
497	Pulley, for styles in Class 11800 (set screws No. 22597)- - - - -	18
498	Looper Thread Nipper Spring Cam, for styles in Classes 12100, 31500- - - - -	18
498 A	Looper Thread Nipper Spring Cam, for styles in Classes 11900, 12000, 12200 - - - - -	18
499	Looper Thread Nipper Spring Cam Washer, for styles in Classes 12000, 12100, 12200 (screw No. 87) - - - - -	13
500	Presser Bar, standard diameter .319 inch, for Styles 11800 C, 11800 H, 11900 K, 11900 L, 12100 B, 31500 B- - - - -	20
500-322	Presser Bar, standard diameter plus .003 inch	—
500-325	" " standard diameter plus .006 inch	—
500-328	" " standard diameter plus .009 inch	—
500-331	" " standard diameter plus .012 inch	—
500-334	" " standard diameter plus .015 inch	—
500 A	Presser Bar, standard diameter .319 inch, for Styles 11900 B, 11900 C, 11900 E, 12000 A, 12000 B, 12000 D, 12000 F, 12000 P, 12200 A, 31500 A - - - - -	20

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.	Plate No.
500 A-322	Presser Bar, standard diameter plus .003 inch	—
500 A-325	" " standard diameter plus .006 inch	—
500 A-328	" " standard diameter plus .009 inch	—
500 A-331	" " standard diameter plus .012 inch	—
500 A-334	" " standard diameter plus .015 inch	—
501	" " Connection (screw No. 77) - - - -	23
Y501-257	Expansion Reamer, for needle bars, size .257 inch - - - - -	29
502	Presser Guide Bar, standard diameter .319 inch	20
502-322	" " " standard diameter plus .003 inch - - - - -	—
502-325	" " " standard diameter plus .006 inch - - - - -	—
502-328	" " " standard diameter plus .009 inch - - - - -	—
502-331	" " " standard diameter plus .012 inch - - - - -	—
502-334	" " " standard diameter plus .015 inch - - - - -	—
503-4	" Foot, for No. 4 gauge Style 12000 B - -	7
503-4 1/2	" " for No. 4 1/2 gauge - - - - -	7
503-5	" " for No. 5 gauge - - - - -	7
503-5 1/2	" " for No. 5 1/2 gauge - - - - -	7
503 A-1	" " for Nos. 1 and 2 gauge Style 12000 D - - - - -	8
503 A-3	" " for Nos. 3 and 4 gauge - - - - -	8
503 B-1	" " Clamp Screw No. 91	—
503 B-3	Presser Foot Needle Guard, for Nos. 1 and 2 gauge Style 12000 D (attaching screw No. 91 A, adjusting screw No. 28 C) - - - - -	9
503 E	Presser Foot Needle Guard, for Nos. 3 and 4 gauge (attaching screw No. 91 A, adjusting screw No. 28 C) - - - - -	9
Y503-319	Presser Foot, for No. 16 gauge Style 11900 B (clamp screw No. 91) - - - - -	8
Y503-322	Expansion Reamer, for presser bars and presser guide bars, size .319 inch - - - - -	29
Y503-325	" " size .322 inch - - - - -	29
Y503-328	" " size .325 inch - - - - -	29
Y503-331	" " size .328 inch - - - - -	29
504-5 1/2	" " size .331 inch - - - - -	29
505	Presser Foot, for No. 5 1/2 gauge Style 12100 B (clamp screw No. 91) - - - - -	7
505-531	Main Shaft, standard diameter .530 inch - - - -	26
505-533	" " standard diameter plus .001 inch	—
505-536	" " standard diameter plus .003 inch	—
505-539	" " standard diameter plus .006 inch	—
505-542	" " standard diameter plus .009 inch	—
	" " standard diameter plus .012 inch	—

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.	Plate No.
Y505-407	Expansion Reamer, for looper avoid lever shaft, size .407 inch - - - - -	29
Y505-410	Expansion Reamer, size .410 inch- - - - -	29
Y505-413	" " size .413 inch- - - - -	29
Y505-416	" " size .416 inch- - - - -	29
506	Looper Thread Take-up, for styles in Classes 11800, 12000, 12100, 12200, 31500 (spot screw No. 89) - - - - -	26
Y506-530	Expansion Reamer, for main shaft, size .530 inch- - - - -	29
Y506-533	Expansion Reamer, size .533 inch- - - - -	29
Y506-536	" " size .536 inch- - - - -	29
Y506-539	" " size .539 inch- - - - -	29
507	Looper Thread Take-up Box, for styles in Classes 11800, 11900, 12000, 12100, 12200 (screw No. 80)- - - - -	30
509	Looper Thread Cast-off Wire Bracket (screw No. 97) - - - - -	26
510	Looper Thread Take-up Thread Eyelet, for styles in Classes 11800, 12000, 12100, 12200 (supporting screw No. 97, stop screw No. 22760)- - - - -	23
511 A	Looper Thread Take-up Fibre Washer Pin- - - - -	—
512 E	Throat Plate, for No. 16 gauge Styles 11900B, 11900 C (seam guide No. 512 H, attaching screw No. 22524)- - - - -	4
512 F	Throat Plate Seam Guide, for No. 8 gauge Style 11900 E - - - - -	—
512 G	Throat Plate Seam Guide, 7/64 inch wide, for No. 12 gauge Styles 11900 B, 11900 C, 11900 K, 11900 L; also Nos. 10 and 12 gauge Style 11900 E - - - - -	—
512 H	Throat Plate Seam Guide, for No. 16 gauge Styles 11900 B, 11900 C, 11900 E, 11900 K, 11900 L - - - - -	—
513-5 1/2	Throat Plate, for No. 5 1/2 gauge Styles 12000 B, 12100 B (screw No. 22524)- - - - -	3
513 C	Throat Plate Stay Guide, right, for Styles 12000 D, 12000 F (screw No. 187 A)- - - - -	3
513 D	Throat Plate Stay Guide, left, for Styles 12000 D, 12000 F (screw No. 187 A)- - - - -	3
516	Thread Controller Rack and Presser Spring Rest, for styles in Classes 12000, 12100, 12200, 31500 (screw No. 88 A) - - - - -	23
517	Cylinder End Cap, for styles in Classes 12100, 31500, Styles 12000 A, 12000 B - - - - -	21
517 A	Cylinder End Cap, for Style 12200 A - - - - -	21
517 B	" " " 5 1/2 inches long - - - - -	21
518	" " " Pin, 1 9/16 inches long, standard diameter .257 inch - - - - -	21

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.	Plate No.
518-260	Cylinder End Cap Pin, standard diameter plus .003 inch- - - - -	—
518-263	" " " " standard diameter plus .006 inch- - - - -	—
519	" " " " 1 3/16 inches long, standard diameter .257 inch- - - - -	21
519-260	" " " " standard diameter plus .003 inch- - - - -	—
519-263	" " " " standard diameter plus .006 inch- - - - -	—
520	" " " Spring (screw No. 98 A) - - - - -	23
521	Cylinder Cover, for styles in Classes 12000, 12100, 12200, 31500, Styles 11900 B, 11900 C, 11900 E- - - - -	30
522	Cylinder Cover Spring (screw No. 25 B) - - - - -	14
523	" " Bolt- - - - -	20
524	" " " Spring - - - - -	23
525	" " " Knob - - - - -	12
526	Back Cover (stud No. 14076)- - - - -	30
526 A	" " Knob- - - - -	—
527	" " Spring Washer - - - - -	23
528	Looper Thread Tube, for styles in Class 11800 (screw No. 80) - - - - -	20
529	Threading Wire - - - - -	25
530 C	Needle Thread Take-up Wire, for styles in Classes 11800, 12100, 31500 (screw No. 531)- - - - -	23
531	Needle Thread Take-up Wire Screw - - - - -	11
532	Cloth Plate Assembly, for flat bed operations on Styles 12000 A, 12000 B, 12000 D, 12000 F; one each Nos. 533, 290, 534; two No. 80- - - - -	30
532 A	Cloth Plate Assembly, for flat bed operations on Styles 11900 B, 11900 C, 11900 E, 12100 T, 12200 A; one each Nos. 533 A, 290, 534; two No. 80 - - - - -	30
533	Cloth Plate, for flat bed operations on Styles 12000 A, 12000 B, 12000 D, 12000 F (screw No. 80)- - - - -	30
533 A	Cloth Plate, for flat bed operations on Styles 11900 B, 11900 C, 11900 E, 12100 T, 12200 A (screw No. 80) - - - - -	30
534	Cloth Plate Yoke (thumbscrew No. 290)- - - - -	30
536	Looper Thread Pull-off, for styles in Classes 11900, 31500 (screw No. 87)- - - - -	23
537 A	Looper Thread Pull-off Thread Guide (screw No. 538) - - - - -	23
538	Looper Thread Pull-off Thread Guide Screw- - - - -	11
539	Frame Needle Thread Eyelet, adjustable, for styles in Classes 11800, 11900 (screw No. 94) - - - - -	23
540	Frame Needle Thread Eyelet Guide Pin, for styles in Classes 11800, 11900- - - - -	14

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.	Plate No.
601-5-3/64	Lap Seam Feller, 3/64 inch capacity, for No. 5 gauge Style 12000 B- - - - -	22
601-5-1/16	Lap Seam Feller, 1/16 inch capacity- - -	22
601-5 1/2-3/32	Lap Seam Feller, 3/32 inch capacity, for No. 5 1/2 gauge Style 12000 B- - - - -	22
601-5 1/2-7/64	Lap Seam Feller, 7/64 inch capacity, for No. 5 1/2 gauge Style 12100 B- - - - -	22
	Lap Seam Feller Scroll Adjusting Screw No. 605 A	
605	Lap Seam Feller Attaching Screw No. 187 A Screw, 5/32 inch long, for presser foot yielding section springs - - - - -	11
605 A	Screw, for tension disc separator on styles in Classes 12100, 31500, Styles 12000 A, 12000 B, 12000 P; also for Nos. 11940, 11940 B, 21647 H - - - - -	11
650-28	Stove Bolt, flat head, 1/4 x 3 1/2 inches, for fastening machine to table	—
652-16	Washer, 1/4 inch, for fastening machine to table - - - - -	—
652 C-9	Shake-Proof Lock Washer, for needle bar eyelets- - - - -	13
732	Needle Clamp Collar, for No. 10 gauge Style 11900 E (spot screw No. 89, needle set screw No. 88 B) - - - - -	23
907	Lock Nut, for looper avoid adjusting screw; also for needle lever link pin clamp screw- - - - -	13
1059	Adjusting Screw, for throat plate loop retainer on Style 12200 A- - - - -	11
1096	Set Screw, for needle seat block on No. 6 gauge Style 31500 A- - - - -	11
‡1230 A	Needle Lever Connecting Rod Upper Bearing (screw No. 22587)- - - - -	18
1230 B	Needle Lever Connecting Rod Upper Bearing Valve Spring - - - - -	14
1230 D	Needle Lever Connecting Rod Upper Bear- ing Valve (valve screw No. 22586 A)- - -	14
1279	Needle Lever Ball Clamp Bolt - - - - -	12
1280	" " " " " Nut - - - - -	13
1286	Needle Lever Link Pin Assembly; one each Nos. 1286 A, 1286 B, 12964 C, 22560- -	14
1286 A	Needle Lever Link Pin (set screw, upper, No. 77, clamp screw No. 22826, clamp screw nut No. 907, set screw, lower, No. 78)- - - - -	14
1286 B	Needle Lever Link Pin Spring (screw No. 22560) - - - - -	14

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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.	Plate No.
1287	Needle Bar Thread Nipper Assembly, for styles in Class 11900, Styles 12000 A, 12000 B, 12000 P; one each Nos. 57 WB, 57 WC, 57 WD, 88, 1288 - - - - -	13
1288	Needle Bar Thread Nipper Collar (screw No. 88)	13
1346	Tension Post, length overall 1 11/16 inches; also for No. 21182 N - - - - -	13
1347	Tension Post Ferrule, length overall 5/16 inch	13
1349	Tension Spring, .036 inch diameter wire, for needle threads on styles in Class 12000- - -	14
1361 A	Presser Spring Pin; also back cover stop pin	14
1588 A	Roller Arm Spring, for rolling presser foot on Style 12200 A (screw No. 22564)- - - - -	9
1594	Roller Arm Hinge Pin, for rolling presser foot on Style 12200 A - - - - -	14
2538	Thread Controller Rack and Presser Spring Rest Supporting Collar, for styles in Classes 12000, 12100, 12200, 31500 (screw No. 88)- -	13
3020 D-8	Presser Foot, for No. 8 gauge Style 11900 E (clamp screw No. 91, yielding section, right, No. 3041, yielding section, left, No. 3042, yielding section spring No. 3040, spring screw No. 605)- - - - -	7
3020 D-10	Presser Foot, for No. 10 gauge (clamp screw No. 91, yielding section, right, No. 3041, yielding section, left, No. 3042, yielding section spring No. 3040, spring screw No. 605) - - - - -	7
3020 D-12	Presser Foot, for No. 12 gauge (clamp screw No. 91, yielding section, right, No. 3041, yielding section, left, No. 3042, yielding section spring No. 3040, spring screw No. 605) - - - - -	7
3020 D-16	Presser Foot, for No. 16 gauge (clamp screw No. 91, yielding section, right, No. 3041, yielding section, left, No. 3042, yielding section spring No. 3040, spring screw No. 605) - - - - -	7
3040	Presser Foot Yielding Section Spring, for Nos. 8, 10, 12 and 16 gauge Style 11900 E, 12 gauge Style 11900 L and 4 1/2 gauge Style 12000 P (screw No. 605)- - - - -	9
3041	Presser Foot Yielding Section, right, for Nos. 8, 10, 12 and 16 gauge Style 11900 E, 12 and 16 gauge Style 11900 C, 4 1/2 gauge Style 12000 P- - - - -	9
3042	Presser Foot Yielding Section, left, for Nos. 8, 10, 12 and 16 gauge Style 11900 E, 12 and 16 gauge Style 11900 C, 4 1/2 gauge Style 12000 P- - - - -	9

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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.	Plate No.
K5267	Throat Plate, for No. 5 1/2 gauge Style 12100 T (screw No. 22524)- - - - -	—
K5278	Feed Dog, for No. 5 1/2 gauge Style 12100 T (screw No. 94) - - - - -	—
6042 A	Needle Lever Ball Clamp Bolt Washer, for styles in Classes 11900, 12000, 12100, 12200, 31500 - - - - -	13
6090 A	Needle Lever Stud Sleeve, for styles in Classes 11900, 12000, 12100, 12200, 31500	17
6091	Needle Lever Nut, front, hexagonal, for styles in Classes 11900, 12000, 12100, 12200, 31500 - - - - -	13
6091 A	Needle Lever Nut, rear, cylindrical- - - - -	13
6092	" " Stud Sleeve Key - - - - -	14
6093	Needle Lever Cone, for styles in Classes 11900, 12000, 12100, 12200, 31500 (screw No. 88)- - - - -	15
6956 C	Tension Release Vertical Rod Spring, for styles in Classes 11800, 12100, 31500, Styles 12000 A, 12000 B, 12000 P - - - - -	14
7040-6	Thread Guide, detachable, for needle holder on No. 5 1/2 gauge Styles 12000 B, 12100B, 12100 T (screw No. 187 B)- - - - -	14
7240	Presser Foot Needle Guard, for Style 12000 F (screw No. 91 A) - - - - -	9
8220-1	Presser Foot, for No. 2 gauge Style 12000 F (clamp screw No. 91, needle guard No. 7240, needle guard screw No. 91 A) - - - - -	8
8220-3	Presser Foot, for Nos. 3 and 4 gauge Style 12000 F (clamp screw No. 91, needle guard No. 7240, needle guard screw No. 91 A) - - - - -	8
8318-5 1/2	Needle Holder, for No. 5 1/2 gauge Styles 12000 B, 12100 B, 12100 T (spot screw No. 89, needle set screw No. 98) - - - - -	14
8535	Spring Guide, for needle guide foot on Style 12200 A (attaching screw No. 91 A, adjusting screw No. 28 B)- - - - -	9
8617 J	Needle Bar, marked "U" for Style 12200 A (set screw No. 88 A) - - - - -	19
8650	Needle Clamp, for Style 12200 A (screw No. 88)- - - - -	23
9937	Differential Feed Regulating Stud Nut, for Styles 11900 K, 11900 L- - - - -	13
10334 A	Needle Bar Thread Eyelet, for Style 12100 T (screw No. 22768, lock washer No. 652 C-9)	16
10819	Needle Guide Foot, for Style 12200 A (clamp screw No. 91, spring guide No. 8535, guide attaching screw No. 91 A, guide adjusting screw No. 28 B)- - - - -	8

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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.	Plate No.
11638 M	Needle Lever Cone Adjusting Nut, for styles in Classes 11900, 12000, 12100, 12200, 31500 - - - - -	13
11801 H	Cloth Plate Assembly, for Style 11800 H; one each Nos. 11801 J, 290, 534, two No. 80 - -	30
11801 J	Cloth Plate, for Style 11800 H (screw No. 80)	30
11805 C	Feed Dog, for Style 11800 H (screw No. 94)---	6
11806 C	Feed Lift Eccentric, for styles in Class 11800 (spot screw No. 81) - - - - -	18
11808 C	Looper, for Styles 11800 C, 11800 H (set screw No. 73) - - - - -	10
11814 C	Looper Avoid Eccentric, throw .180 inch, for styles in Class 11800 (spot screw No. 96 A)	18
11815 A	Needle Lever, lynite, for styles in Classes 11900, 12000, 12100, 12200, 31500 - - - -	30
11816 A	Needle Lever Connecting Tube Assembly, dis- tance between centers 4 3/16 inches; one each Nos. 1230 A, 1230 B, 1230 D, 11830 A, 15430 C, 15430 D, 15430 M, 22586 A) - - - -	27
11820 D	Presser Foot, for Style 11800 C (set screw No. 88, hinge screw No. 86 X) - - - - -	8
11825 C	Needle Rear Guard and Feed Dog Holder, for Style 11800 C (screw No. 94)- - - - -	6
11826 A	Feed Dog, for Style 11800 C (screw No. 94)- -	6
11828	Throat Plate, for Style 11800 H (screw No. 22524)- - - - -	1
11828 A	Throat Plate, for Style 11800 C (screw No. 22524)- - - - -	1
11830 A	Needle Lever Connecting Tube (nut, left thread No. 15430 C, nut, right thread No. 15430 D - - - - -	27
11831 A	Feed Bar, for Styles 11800 C, 11800 H, 12100 T	28
11836	Feed Rocker, for Styles 11800 C, 11800 H, 12100 T	27
11837	Feed Drive Eccentric, throw .861 inch, for styles in Class 11800 (spot screw No. 81)	18
‡11838	Feed Drive Eccentric Connection, for styles in Class 11800 (screw No. 75 A) - - - - -	26
11848	Feed Lift Lever Pivot Pin, eccentric (set screw No. 95) - - - - -	20
‡11863	Looper Drive Eccentric Connection, for styles in Class 11800 (screw No. 75 A) - - - - -	26
11870	Needle Lever Eccentric, throw .650 inch, for styles in Class 11800 (spot screw No. 22597, set screw No. 95)- - - - -	18
11875 A	Needle Lever Stud, for styles in Class 11800 (nut No. 12990, plug screw No. 22586 B, felt No. 15430 L) - - - - -	21
11875 F-001	Needle Lever Stud, standard diameter plus .001 inch - - - - -	—

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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.	Plate No.
11875 F-002	Needle Lever Stud, standard diameter plus .002 inch - - - - -	—
11875 F-003	Needle Lever Stud, standard diameter plus .003 inch - - - - -	—
11875 F-006	Needle Lever Stud, standard diameter plus .006 inch - - - - -	—
11878	Looper Thread Guide, for styles in Class 11800 (screw No. 90)- - - - -	22
11879	Cylinder End Cap, for styles in Class 11800 (pin, long, No. 518, pin, short, No. 519)	21
11883	Cylinder Cover, for styles in Class 11800, Styles 11900 K, 11900 L (spring No. 522, spring screw No. 25 B, bolt No. 523, bolt spring No. 524, bolt knob No. 525)- - - - -	30
11890 B	Tension Release Vertical Rod Support, for styles in Classes 11800, 12100, 31500, Styles 12000 A, 12000 B, 12000 P (screw No. 90) - - - - -	24
11895	Frame Side Cover, for styles in Class 11800 (screw No. 25 CC) - - - - -	22
11898	Pulley Rim, working diameter of belt groove 4 1/4 inches, for styles in Class 11800 (screw No. 22597) - - - - -	18
11904	Cast-off Wire, for styles in Class 11900 (screw No. 22524) - - - - -	16
11905	Feed Dog, for No. 8 gauge Style 11900 E (screw No. 94)- - - - -	5
11905 A	Feed Dog, for No. 12 gauge Styles 11900 B, 11900 C; also Nos. 10 and 12 gauge Style 11900 E (screw No. 94)- - - - -	5
11905 B	Feed Dog, for No. 16 gauge Styles 11900 B, 11900 C, 11900 E (screw No. 94) - - - - -	5
11905 J	Main Feed Dog, for No. 12 gauge Style 11900 K (screw No. 22542) - - - - -	5
11905 L	Main Feed Dog, for No. 12 gauge Style 11900 L (screw No. 22542) - - - - -	5
11905 N	Main Feed Dog, for No. 16 gauge Style 11900 K (screw No. 22542) - - - - -	5
11905 R	Main Feed Dog, for No. 16 gauge Style 11900 L (screw No. 22542) - - - - -	5
11907	Looper, with guard, for No. 16 gauge Styles 11900 B, 11900 C, 11900 E, 11900 K, 11900 L (set screw No. 73, guard No. G472, guard screw No. 73 A) - - - - -	10
11908	Looper, without guard; otherwise same as No. 11907 (set screw No. 73)- - - - -	—
11917-8	Needle Bar, marked "AE-8" for No. 8 gauge Style 11900 E (set screw No. 88 A)- - - - -	19
11917 E-10	Needle Bar, marked "BF-10" for No. 10 gauge Style 11900 E (set screw No. 88 A)- - - - -	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.	Plate No.
11918-8	Needle Clamp Collar, for No. 8 gauge Style 11900 E (spot screw No. 28 B, needle set screw No. 88 B) - - - - -	14
11920-12	Presser Foot, for No. 12 gauge Styles 11900 K, 11900 L (clamp screw No. 91, yielding section, right, No. 11941, yielding section, left, No. 11942, yielding section spring No. 3040, spring screw No. 605)- - -	7
11920-16	Presser Foot, for No. 16 gauge Styles 11900 K, 11900 L (clamp screw No. 91, yielding section, right, No. 11941 A, yielding section, left, No. 11942 A, yielding section spring No. 11940, spring screw No. 605)	7
11920 C-12	Presser Foot, for No. 12 gauge Style 11900 C (clamp screw No. 91, yielding section, right, No. 3041, yielding section left, No. 3042, yielding section single spring No. 11940 A, spring screw No. 605, yielding section double spring No. 11940 B, spring screw No. 605 A)- - - - -	7
11920 C-16	Presser Foot, for No. 16 gauge Style 11900 C (clamp screw No. 91, yielding section, right, No. 3041, yielding section, left, No. 3042, yielding section single spring No. 11940 A, spring screw No. 605, yielding section double spring No. 11940 B, spring screw No. 605 A) - - - - -	7
11923 B	Looper Thread Take-up, for styles in Class 11900 (spot screw No. 89) - - - - -	16
11924-12	Throat Plate, for No. 12 gauge Styles 11900 B, 11900 C (seam guide No. 512 G) - - -	4
11924 A-12	Throat Plate, with adjustable seam guides, for seam covering knitted undergarments on No. 12 gauge machines, using feed dog No. 11905 A and cylinder end cap No. 517, (seam guide, left, No. 11930 A, seam guide, right, No. 11930 B, seam guide screw No. 73 A) - - - - -	2
11924 A-16	Throat Plate, with adjustable seam guides, for seam covering knitted undergarments on No. 16 gauge machines, using feed dog No. 11905 A and cylinder end cap No. 517, (seam guide, left, No. 11930 A, seam guide, right, No. 11930 B, seam guide screw No. 73 A) - - - - -	2
11924 J-8	Throat Plate, for No. 8 gauge Style 11900 E (seam guide No. 512 F)- - - - -	4
11924 J-10	Throat Plate, for No. 10 gauge (seam guide No. 512 G)- - - - -	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.	Plate No.
11924 J-12	Throat Plate, for No. 12 gauge (seam guide No. 512 G)- - - - -	4
11924 J-16	Throat Plate, for No. 16 gauge (seam guide No. 512 H)- - - - -	4
11924 K-12	Throat Plate, for No. 12 gauge Styles 11900 K, 11900 L (seam guide No. 512 G) - -	4
11924 N-16	Throat Plate, for No. 16 gauge Styles 11900 K, 11900 L (seam guide No. 512 H)- - - - -	4
11926 E	Throat Plate Screws No. 22524	
11926 J	Differential Feed Dog, for No. 12 gauge Style 11900 L (screw No. 22738) - - - - -	5
11926 K	Differential Feed Dog, for No. 12 gauge Style 11900 K (screw No. 22738) - - - - -	5
11926 L	Differential Feed Dog, for No. 16 gauge Style 11900 K (screw No. 22738) - - - - -	5
11930 A	Differential Feed Dog, for No. 16 gauge Style 11900 L (screw No. 22738) - - - - -	5
11930 B	Throat Plate Seam Guide, adjustable, left, for throat plates Nos. 11924 A-12, 11924 A-16 (screw No. 73 A) - - - - -	-
11931 B	Throat Plate Seam Guide, adjustable, right, for throat plates Nos. 11924 A-12, 11924 A-16 (screw No. 73 A) - - - - -	-
11931 D	Feed Bar, for styles in Classes 12000, 12200, 31500, Styles 11900 B, 11900 C, 11900 E, 12100 B - - - - -	28
11931 F	Main Feed Bar, rear section, for Styles 11900 K, 11900 L (clamp screw No. 79) - - -	20
11932	Main Feed Bar, front section, for Styles 11900 K, 11900 L - - - - -	19
11932 B	Main Feed Bar Link, for Styles 11900 K, 11900 L (stud, front, No. 22535, nut No. 18, washer No. 20)- - - - -	26
11933 B	Main Feed Bar Link Ferrule, front, 5/16 inch long, for Styles 11900 K, 11900 L (back ferrule No. 454, washer No. 454 A)- - - -	13
11933 C	Differential Feed Regulating Stud, for Styles 11900 K, 11900 L (nut No. 9937) - - - - -	12
11933 D	Differential Feed Bar, for Styles 11900 K, 11900 L - - - - -	20
11933 E	Differential Feed Bar Link, for Styles 11900 K, 11900 L (pivot stud No. 22739) - -	21
11935	Differential Feed Bar Link Eccentric Bushing, for Styles 11900 K, 11900 L - - - - -	13
11935 B	Differential Feed Rocker, for Styles 11900 K, 11900 L (screw No. 12986 B) - - - - -	18
11936 A	Differential Feed Rocker Connection, for Styles 11900 K, 11900 L (screw No. 97)- - -	20
	Feed Rocker, for Styles 11900 K, 11900 L - - -	27

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.	Plate No.
11940	Presser Foot Yielding Section Spring, for No. 16 gauge Styles 11900 K, 11900 L (screw No. 605)	9
11940 A	Presser Foot Yielding Section Spring, single, for Style 11900 C (screw No. 605)- - - - -	9
11940 B	Presser Foot Yielding Section Spring, double, for Style 11900 C (screw No. 605 A)- - - - -	9
11941	Presser Foot Yielding Section, right, for No. 12 gauge Styles 11900 K, 11900 L- - - - -	9
11941 A	Presser Foot Yielding Section, right, for No. 16 gauge Styles 11900 K, 11900 L- - - - -	9
11942	Presser Foot Yielding Section, left, for No. 12 gauge Styles 11900 K, 11900 L- - - - -	9
11942 A	Presser Foot Yielding Section, left, for No. 16 gauge Styles 11900 K, 11900 L- - - - -	9
11944 B	Feed Lift Lever- - - - -	28
11945	Feed Lift Lever Link, right, distance between centers of holes 29/32 inch, for styles in Classes 11800, 12000, 12100, 12200, 31500, Styles 11900 B, 11900 C, 11900 E - - - - -	17
11945 A	Feed Lift Lever Link, right, distance between centers of holes 13/16 inch, for Styles 11900 K, 11900 L - - - - -	17
11946	Feed Lift Lever Link, left, distance between centers of holes 29/32 inch, for styles in Classes 11800, 12000, 12100, 12200, 31500, Styles 11900 B, 11900 C, 11900 E - - - - -	17
11946 A	Feed Lift Lever Link, left, distance between centers of holes 13/16 inch, for Styles 11900 K, 11900 L - - - - -	17
11947	Feed Lift Lever Link Stud- - - - -	12
11947 B	Feed Bar and Feed Lift Lever Bushing - - - - -	15
11948	Looper Holder, for styles in Classes 11800, 11900 (clamp screw No. 22792)- - - - -	20
11951	Looper Shaft Bearing (screw No. 318) - - - - -	27
11962	Looper Avoid Adjustment Lever, for styles in Class 11800 (screw No. 98) - - - - -	26
11963	Looper Avoid Adjustment Lever Stud (nut No. 462, adjusting screw No. 22707, adjusting screw lock nut No. 907)- - - - -	21
11970	Needle Lever Eccentric, throw .525 inch, for Styles 11900 B, 11900 C, 11900 E (spot screw No. 22597, set screw No. 95) - - - - -	18
11978	Looper Thread Take-up Fibre Washer (pin No. 511A)	13
11978 B	Needle Thread Take-up Wire, for styles in Class 11900 (screw No. 531)- - - - -	16
11979	Cylinder End Cap, for Styles 11900 B, 11900 C, 11900 E (pin, long, No. 518, pin, short, No. 519, spring No. 520, spring screw No. 98 A)- - - - -	21

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.	Plate No.
11979 A	Cylinder End Cap, for Styles 11900 K, 11900 L (pin, long, No. 518, pin, short, No. 519, spring No. 520, spring screw No. 98 A) - - - - -	21
11979 C	Cylinder End Cap, for Style 12000 P (pin, long, No. 518, pin, short, No. 519, spring No. 520, spring screw No. 98 A)	21
11980	Looper Thread Guide, for front end of cylinder on styles in Classes 11800, 11900, 12000, Style 12100 T (screw No. 98 A) - - - - -	16
11997	Frame Needle Thread Eyelet, attaches ad- jacent to needle bar on styles in Class 11900 (screw No. 73 A) - - - - -	23
12005 A	Feed Dog, for Nos. 1, 2, 3 and 4 gauge Style 12000 A (screw No. 94) - - - - -	5
12005 P	Feed Dog, for No. 4 1/2 gauge Style 12000 P (screw No. 94) - - - - -	5
12020 B-1	Presser Foot, for No. 1 gauge Style 12000A	7
12020 B-2	" " for No. 2 gauge - - - - -	7
12020 B-3	" " for No. 3 gauge - - - - -	7
12020 B-4	" " for No. 4 gauge - - - - -	7
12020 P-4 1/2	Presser Foot, for No. 4 1/2 gauge Style 12000 P (yielding section, right, No. 3041, yielding section, left, No. 3042, yielding section spring No. 3040, spring screw No. 605) - - - - -	7
	Presser Foot Clamp Screw No. 91	
12024 A-1	Throat Plate, for No. 1 gauge Style 12000A	2
12024 A-2	" " for No. 2 gauge - - - - -	2
12024 A-3	" " for No. 3 gauge - - - - -	2
12024 A-4	" " for No. 4 gauge - - - - -	2
12024 B-4 1/2	" " for No. 4 1/2 gauge Style 12000 B - - - - -	3
12024 B-5	" " for No. 5 gauge - - - - -	3
12024 P-4 1/2	" " for No. 4 1/2 gauge Style 12000 P - - - - -	2
	" " Screw No. 22524	
12025 A	Cylinder Needle Guard, adjustable, marked "DT", for Styles 12000 A, 12000 B, 12000 P (screw No. 97, adjusting bushing No. 12035) - - - - -	6
12025 D	Cylinder Needle Guard, adjustable, marked "DV", for Styles 12000 D, 12000 F (screw No. 97, adjusting bushing No. 12035) - - - - -	6
12035	Cylinder Needle Guard Adjusting Bushing -	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.	Plate No.
12037	Needle Bar Thread Eyelet, for styles in Classes 11900, 12100, Styles 12000 A, 12000 B, 12000 P (screw No. 22768, washer No. 652 C-9) - - - - -	16
12039	Cast-off Wire Frame Shim, for No. 16 gauge styles in Class 11900 - - - - -	16
12048	Looper Holder, for styles in Classes 12000, 12100 (clamp screw No. 22792) - - - - -	20
12049 N	Looper Shaft, standard diameter .407 inch	28
12049 N-408	" " standard diameter plus .001 inch- - - - -	—
12049 N-410	" " standard diameter plus .003 inch- - - - -	—
12049 N-413	" " standard diameter plus .006 inch- - - - -	—
12049 N-416	" " standard diameter plus .009 inch- - - - -	—
12054 N	Looper Avoid Adjustment Lever, for styles in Classes 11900, 12000, 12100, 12200, 31500 (screw No. 98) - - - - -	18
12055 N	Looper Avoid Adjustment Lever Link (screw No. 22528) - - - - -	15
‡12056 N	Looper Drive Eccentric Connection (screws, upper, No. 75 A, screw, lower, No. 97 A)	27
12057 N	Looper Drive Eccentric Connection Brace - -	18
12058 N	Looper Drive Eccentric, throw .640 inch (spot screw No. 81, set screw No. 95) - -	18
12067	Hand Lifter, for styles in Classes 11800, 12100, 31500, Styles 12000 A, 12000 B, 12000 P (stud No. 86) - - - - -	20
12070 N	Needle Lever Eccentric, throw .480 inch, for styles in Class 12000, Style 31500 A (spot screw No. 22597, set screw No. 95)	18
12088 N	Looper Tension Thread Eyelet, for styles in Class 31500 (screw No. 94) - - - - -	16
12089	Looper Thread Eyelet, attaches to inside of cylinder, for styles in Classes 12000, 12100 (screw No. 98 A) - - - - -	23
12099 N	Main Shaft Counterweight, for styles in Classes 11900, 12000, 12100, 12200, 31500 (spot screw No. 81, set screw No. 95) - - - - -	17
12101	Cloth Plate Assembly, for flat bed opera- tions on Styles 12100 B, 31500 A, 31500 B; one each Nos. 12101 A, 290, 534; two No. 80- - - - -	30
12101 A	Cloth Plate, for flat bed operations on Styles 12100 B, 31500 A, 31500 B (screw No. 80) - - - - -	30

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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.	Plate No.
12105 B-4	Feed Dog, for No. 4 gauge Style 12000 B- -	6
12105 B-5	" " for No. 4 1/2 and 5 gauge Style 12000 B- - - - -	6
12105 E-4	" " for No. 4 gauge Style 12100 B- -	5
12105 E-4 1/2	" " for No. 4 1/2 gauge- - - - -	5
12105 E-5	" " for No. 5 gauge- - - - -	5
12105 I	" " for Nos. 1, 2, 3 and 4 gauge Style 12000 D; also Nos. 2, 3 and 4 gauge Style 12000 F- - -	5
	" " Screw No. 94	
12120 E-4	Presser Foot, for No. 4 gauge Style 12100B	7
12120 E-4 1/2	" " for No. 4 1/2 gauge- - - - -	7
12120 E-5	" " for No. 5 gauge- - - - -	7
	" " Clamp Screw No. 91	
12124 B-4	Throat Plate, for No. 4 gauge Style 12000B	3
‡12124 E-4	Throat Plate, for No. 4 gauge Style 12100B (attachment sliding support No. 12180 B, sliding support spring No. 187, spring screw No. 22561) - - - - -	1
‡12124 E-4 1/2	Throat Plate, for No. 4 1/2 gauge (attachment sliding support No. 12180 B, sliding support spring No. 187, spring screw No. 22561) - - - - -	1
‡12124 E-5	Throat Plate, for No. 5 gauge (attachment sliding support No. 12180 B, sliding support spring No. 187, spring screw No. 22561) - - - - -	1
12124 I-1	Throat Plate, for No. 1 gauge Style 12000 D (stay guide, right, No. 513 C, stay guide, left, No. 513 D, stay guide screw No. 187 A) - - - - -	3
12124 I-2	Throat Plate, for No. 2 gauge Styles 12000 D, 12000 F (stay guide, right, No. 513 C, stay guide, left, No. 513 D, stay guide screw No. 187 A) - - - - -	3
12124 I-3	Throat Plate, for No. 3 gauge Styles 12000 D, 12000 F (stay guide, right, No. 513 C, stay guide, left, No. 513 D, stay guide screw No. 187 A) - - - - -	3
12124 I-4	Throat Plate, for No. 4 gauge Styles 12000 D, 12000 F (stay guide, right, No. 513 C, stay guide, left, No. 513 D, stay guide screw No. 187 A) - - - - -	3
	Throat Plate Screw No. 22524	
12125 A	Cylinder Needle Guard, adjustable, for Style 12100 T (screw No. 97, adjusting bushing No. 12035) - - - - -	6
12125 B	Cylinder Needle Guard, adjustable, marked "DU" for Style 12100 B (screw No. 97, adjusting bushing No. 12035) - - - - -	6

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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.	Plate No.
12127 B-5 1/2	Presser Foot, for No. 5 1/2 gauge Style 12100 T (set screw No. 88, hinge screw No. 86 X) - - - - -	8
12179 A	Cylinder End Cap Assembly, for Styles 12000 D, 12000 F (pin, long, No. 518, pin, short, No. 519) - - - - -	21
12179 C	Stay Guide, adjustable, attaches to cylinder end cap, for Styles 12000 D, 12000 F (screw No. 22561) - - - - -	15
12179 D	Stay Guide Plate, attaches to cylinder end cap, for Styles 12000 D, 12000 F (screw No. 22561) - - - - -	15
12180 B	Attachment Sliding Support, for Nos. 4, 4 1/2 and 5 gauge Style 12100 B (spring No. 187, spring screw No. 22561) - - -	1
12205	Feed Dog, for Style 12200 A (screw No. 94)	6
12207	Looper, with guard, for Style 12200 A (guard No. 12210, guard screw No. 73 A, looper set screw No. 73) - - - - -	10
12208	Looper, without guard; otherwise same as No. 12207 (set screw No. 73) - - - - -	10
12210	Looper Needle Guard, marked "V" for Style 12200 A (screw No. 73 A) - - - - -	6
12220 A-1 1/8	Rolling Presser Foot Assembly, 1 1/8 inch diameter roller, for Style 12200 A; one each Nos. 370, 91, 374, 375, 1588 A, 1594, 12237 A, 12240, 12241, 22564; two each Nos. 88 A, 93 - - - - -	8
12224 A	Throat Plate, for Style 12200 A (attach- ing screws No. 22524, retainer No. 12511, retainer attaching screw No. 25B, retainer adjusting screw No. 1059, re- movable tongue No. 12230, tongue screw No. 187 A) - - - - -	2
12225 A	Cylinder Needle Guard, adjustable, marked "DW" for Style 12200 A (screw No. 97, adjusting bushing No. 12035) - - - - -	6
12230	Throat Plate Tongue, for Style 12200 A (screw No. 187 A) - - - - -	3
12237 A	Roller Arm, for rolling presser foot on Style 12200 A (clamp screw No. 91) - - -	9
12240	Roller Arm Bracket (screw No. 93) - - -	9
12241	" " " Support (screw No. 88A)	9
12511	Throat Plate Looper Retainer, marked "K" for Style 12200 A (screw No. 25 B) - - -	3
12873	Needle Bar Bushing, upper, 25/32 inch long (clamp screw No. 22569) - - - - -	15
12873 A	Needle Bar Bushing, lower, 5/8 inch long (clamp screw No. 22569) - - - - -	15

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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.	Plate No.
12964 C	Needle Lever Link Pin Ball - - - - -	14
12986 B	Screw, for differential feed rocker on Styles 11900 K, 11900 L- - - - -	11
12990	Needle Lever Stud Nut- - - - -	13
14076	Back Cover Pivot Stud- - - - -	12
15430 C	Needle Lever Connecting Rod Nut, left thread	13
15430 D	Needle Lever Connecting Rod Nut, right thread - - - - -	13
15430 L	Needle Lever Connecting Rod Felt; also for Nos. 11875 A, 11875 F- - - - -	20
15430 M	Needle Lever Connecting Rod Lower Bearing (screw No. 22587)- - - - -	18
15438 B	Auxiliary Needle Thread Tension Disc, for styles in Class 31500- - - - -	13
15438 C	Auxiliary Needle Thread Tension Spring - - -	14
15438 D	Auxiliary Needle Thread Tension Spring Stud	11
16153-12	Needle Holder, for No. 6 gauge Style 31500 A (spot screw No. 89, needle set screw No. 28 C)- - - - -	14
16164	Tension Post Ferrule, 3/8 inch long, for upper looper thread tension post on styles in Class 31500; also for No. 21182 N - - -	13
16197-3-10	Frame Needle Thread Eyelet, attaches adjacent to needle bar on styles in Class 31500 (screw No. 73 A) - - - - -	23
16276	Needle Lever Stud, cone bearing, for styles in Classes 11900, 12000, 12100, 12200, 31500 (nut No. 12990)- - - - -	21
17117	Needle Bar, for No. 9 gauge Styles 31500 A, 31500 B (set screw No. 88 A) - - - - -	19
21104 A	Thread Stand Base (screw No. 22509)- - - - -	31
21104 B-11	" " Rod, 11 inches long - - - - -	29
21113 A	" " Wire Extension, 6 inches long (set screw No. 22632 F-24)- - - - -	20
21113 B	" " Wire Coupling (screw No. 88)- - - - -	15
21130 A-2	" " Seat, two spools- - - - -	31
21130 A-3	" " " three spools- - - - -	31
21130 A-6	" " " six spools- - - - -	31
	" " " Set Screw No. 69 FD	
21145	Cone, wood, for thread stand - - - - -	25
21178	Lower Tape Holder Disc, 8 inches diameter, for Style 12000 P- - - - -	31
21182 K	Lower Tape Tension Plate, outer, for Style 12000 P- - - - -	-
21182 L	Lower Tape Tension Plate, inner, for Style 12000 P- - - - -	-
21182 N	Lower Tape Tension Assembly, for Style 12000 P; one each Nos. 21182 K, 21182 L, 21182 P; two each Nos. 107, 108, 110-3, 1346, 16164- - - - -	22

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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.	Plate No.
21182 P	Lower Tape Tension Base, for Style 12000 P	—
21201	Screw Driver, 9/64 inch round blade, length overall 7 5/8 inches - - - - -	28
21202	Screw Driver, 7/32 inch round blade, length overall 11 1/4 inches - - - - -	28
21203	Screw Driver, 13/64 inch round blade, length overall 15 1/2 inches - - - - -	28
21204	Screw Driver, 9/32 inch round blade, length overall 15 inches - - - - -	28
21205 A	Screw Driver, 3/8 inch round blade, length overall 14 inches - - - - -	28
21207	Screw Driver, 7/64 inch round blade, length overall 2 1/2 inches - - - - -	25
21208	Screw Driver Set, three detachable blades - - - - -	28
21225-3/16	Looper Adjusting Gauge, 3/16 inch measurement - - - - -	15
21225-7/32	Looper Adjusting Gauge, 7/32 inch measurement - - - - -	15
21225-1/4	Looper Adjusting Gauge, 1/4 inch measurement - - - - -	15
21225-9/32	Looper Adjusting Gauge, 9/32 inch measurement - - - - -	15
21231	Thread Meter, for recording the consumption of thread in yards as it passes into the sewing machine - - - - -	27
21233 N	Connector, with BX cable, for D.C. "Electro Drives" - - - - -	—
21236	Belt Plier, for 3/8 inch and smaller round belting - - - - -	29
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	" Tape, 3/32 inch wide, grade No. 180, fifty yard spool - - - - -	—
21260 E	" Cord, .018 inch diameter, grade No. 200, fifty yard spool - - - - -	—
21261	Leather Belt, flat, 1 inch wide, 63 inches long, includes belt fastener No. 21350 - - - - -	—
21262 B-50	Leather Belt, round, 9/32 inch diameter, 50 inches long, includes wire belt hook No. 21351 - - - - -	—

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.	Plate No.
21350	Belt Fastener, malleable iron, for 1 inch flat belt- - - - -	15
21351	Belt Hook, wire, for 9/32 inch round belt- -	15
21355	Chair Leg Extension, 4 inches long - - - -	25
21361	Drive Bushing, for presser bar and presser guide bar, 1/2 inch long, external diameter .407 inch- - - - -	15
21362	Drive Bushing, for presser guide bar, 25/32 inch long, external diameter .407 inch - -	15
21371 Q	Table Drawer - - - - -	-
21371 BT-42	Blank Table Top, 42" x 16" x 1 3/4"- - - -	-
21375 B	Pulley Guard - - - - -	30
21385 B	Lower Tape Reel Axle, for Style 12000 P (screw No. 201 C)- - - - -	31
21388	Wrench, for 3/8 inch hexagon nuts- - - - -	25
21388 N	" double end, 3/16 and 5/16 inch openings - - - - -	25
21388 R	" double end, 3/8 and 1/2 inch openings - - - - -	25
21390 A	Needle Thread Intermittent Nipper Spring, front, for Styles 12000 D, 12000 F, 12200 A	23
21390 B	Needle Thread Intermittent Nipper Spring, rear (screw No. 22564) - - - - -	23
21390 E	Needle Thread Intermittent Nipper Spring Operating Block (screw No. 90) - - - - -	14
21390 F	Needle Thread Intermittent Nipper Spring Operating Block Support (screw No. 22585)	23
21390 AS	Needle Thread Intermittent Nipper Spring Support (screw No. 87) - - - - -	23
21390 AT	Needle Thread Intermittent Nipper Dowel Pin	14
21390 AU	Needle Thread Intermittent Nipper Assembly; one each Nos. 90, 21390 A, 21390 B, 21390 E, 21390 F, 21390 AS, 21390 AT, 22564, 22585 and two No. 87- - - - -	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.F.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.	Plate No.
21396 AE	Needle Thread Lubricator, attaches to lower presser bar lug in place of hand lifter, thread lubricated after entering tensions, for Styles 12000 D, 12000 F (screw No. 93)	22
21396 AF	Needle Thread Lubricator, attaches to lower presser bar lug, thread lubricated after entering tensions, for Style 12200 A (screw No. 93) - - - - -	22
21396 AG	Needle Thread Lubricator Felt- - - - -	—
21610 A	Needle Bar Rolling Thread Guide, for Styles 12000 D, 12000 F, 12200 A (screw No. 22768)	16
21624	Thread Controller Rolling Thread Guide, for Styles 12000 D, 12000 F, 12200 A (screw No. 138) - - - - -	16
21628	Thread Controller Roller - - - - -	16
21629	" " " Stud- - - - -	11
21632	Needle Lever Rolling Thread Guide, for Styles 12000 D, 12000 F, 12200 A (screw No. 98 A)	16
21640 AC	Tension Release Operating Lever Stud, for styles in Classes 11800, 12100, 31500, Styles 12000 A, 12000 B, 12000 P - - - - -	12
21642 D	Tension Disc Separator, for needle threads on Styles 12000 A, 12000 B, 12000 P, 12100 B, 12100 T (screw No. 90) - - - - -	24
21642 G	Tension Disc Separator, for needle threads on styles in Class 31500 (stud No. 22726) - - - - -	24
21642 H	Tension Disc Separator, for needle thread on styles in Class 11800 (screw No. 90) - - - - -	24
21645	Tension Release Operating Lever Connection, for styles in Classes 11800, 12100, 31500, Styles 12000 A, 12000 B, 12000 P (screw No. 93)- - - - -	24
21646 A	Tension Release Operating Lever Bracket, for styles in Class 31500 (screw No. 90) - - - - -	24
21647	Tension Release Operating Lever, for styles in Class 31500 (stud No. 21640 AC) - - - - -	24
21647 A	Tension Release Operating Lever, for styles in Classes 11800, 12100, Styles 12000 A, 12000 B, 12000 P (stud No. 21640 AC) - - - - -	24
21647 B	Tension Disc Separator, for looper threads on Styles 12000 A, 12000 B, 12000 P, 12100 B, 12100 T (screw No. 605 A)- - - - -	24
21647 C	Tension Release Vertical Rod and Looper Thread Nipper Spring Separator, for styles in Classes 12100, 31500, Styles 12000 A, 12000 B, 12000 P (nut No. 18)- - - - -	26
21647 D	Tension Release Vertical Rod Lifting Lever, for styles in Classes 11800, 12100, 31500, Styles 12000 A, 12000 B, 12000 P (screw No. 90)- - - - -	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.	Plate No.
21647 E	Tension Disc Separator, for looper threads on styles in Class 11800 (screw No. 605 A)- - -	24
21647 G	Tension Disc Separator, for looper threads on styles in Class 31500- - - - -	24
21647 H	Tension Disc Separator Connecting Rod, for styles in Class 31500 (screw No. 605 A)- - -	24
21647 L	Tension Release Vertical Rod, for styles in Class 11800 (nut No. 18) - - - - -	26
21649	Tension Disc Separator Link, for styles in Class 31500 (stud No. 22726) - - - - -	24
21680 J	Base Plate, cast iron- - - - -	30
21698-2	Vibration Insulator, two inches long, for tables - - - - -	24
21698-4	Vibration Insulator, four inches long- - - - -	24
21698-5	" " five inches long- - - - -	24
21698-6	" " six inches long - - - - -	24
	Note: Special lengths will be furnished on re- quest. Part of the table leg is shown in the illustration for clarity.	
22509	Set Screw, square head, cup point, 5/16 inch diameter, 18 threads per inch, 1/2 inch long, for thread stand rod - - - - -	12
22524	Screw, for throat plates; also for Nos. 450, 11904- - - - -	11
22525	Screw, .009 inch plus diameter; otherwise same as No. 22524 - - - - -	11
22528	Screw, for looper avoid adjustment lever link	11
22535	Stud, for main feed bar link on Styles 11900 K, 11900 L - - - - -	12
22539	Plug Screw, for main shaft oil chamber - - - -	12
22542	Screw, for main feed dog on Styles 11900 K, 11900 L- - - - -	11
22560	Screw, for needle lever link pin spring- - - -	11
22561	Screw, lower, for differential feed rocker link pin; also for Nos. 187, 12179 C, 12179 D	11
22564	Screw, for needle thread intermittent nipper spring, also for No. 1588 A- - - - -	11
22565	Set Screw, headless, for loopers on styles in Class 31500- - - - -	11
22569	Clamp Screw, for needle bar bushing- - - - -	12
22585	Screw, for needle thread intermittent nipper spring operating block support, also for No. 31550- - - - -	11
22586 A	Screw, for needle lever connecting rod upper bearing valve spring - - - - -	11
22586 B	Plug Screw, for needle lever stud on styles in Class 11800- - - - -	11
22587	Screw, for needle lever connecting rod bearings - - - - -	12

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.	Plate No.
22597	Spot Screw, for pulleys; also for Nos. 11870, 11898, 11970, 12070 N- - - - -	11
22597 A	Set Screw, for pulleys- - - - -	11
22632 F-24	Set Screw, square head, cup point, 3/16 inch diameter, 3/8 inch long, 24 threads to inch, for thread stand wires	11
22707	Screw, hexagonal head, for adjusting looper avoid motion - - - - -	12
22726	Pivot Stud, for tension disc separator links on styles in Class 31500- - - - -	11
22738	Screw, for differential feed dogs on Styles 11900 K, 11900 L - - - - -	11
22739	Pivot Stud, hexagonal head, for differ- ential feed bar link on Styles 11900 K, 11900 L - - - - -	11
22750	Screw, for cylinder - - - - -	12
22752	Set Screw, for middle needle on No. 9 gauge Styles 31500 A, 31500 B - - - - -	11
22760	Stop Screw, for looper thread take-up thread eyelet - - - - -	11
22768	Screw, for needle bar thread eyelets, also for No. 21610 A- - - - -	11
22792	Clamp Screw, hexagonal head, for looper holder- - - - -	12
22813	Screw, headless, cup point, 3/16 inch diameter, 24 threads per inch, for lifter treadle pin- - - - -	11
22826	Clamp Screw, for needle lever link pin on styles in Classes 11900, 12000, 12100, 12200, 31500- - - - -	12
22828	Screw, hexagonal head, for folder base bracket on Styles 12100 B, 31500 A, 31500 B - - - - -	11
23156	Stay Guide, attaches to base of machine, for Styles 12000 D, 12000 F; also tape guide for Style 12000 P (screw No. 90)	27
23157 K-1	Lap Seam Feller Assembly, for No. 1 gauge Style 12000 A (screw No. 187 A) - - - - -	22
23157 L-1	Upper Scroll, for No. 1 gauge Style 12000 A (screw No. 187 A) - - - - -	22
23420 A-2-1/32	Lap Seam Feller Assembly, 1/32 inch capa- city, for No. 2 gauge Style 12000 A; one each Nos. 23421 B-8-1/32, 25 B, 23422 A-1/32 (specify component parts in ordering)- - - - -	22
23420 A-2-1/16	Lap Seam Feller Assembly, 1/16 inch capa- city; one each Nos. 23421 B-8-1/16, 25 B, 23422 A-1/16 (specify component parts in ordering)- - - - -	22

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.	Plate No.
23420 A-3-1/32	Lap Seam Feller Assembly, 1/32 inch capacity, for No. 3 gauge Style 12000 A; one each Nos. 23421 B-10-1/32, 25 B, 23422 A-1/32 (specify component parts in ordering)- - - - -	22
23420 A-3-1/16	Lap Seam Feller Assembly, 1/16 inch capacity, one each Nos. 23421 B-10-1/16, 25 B, 23422 A-1/16 (specify component parts in ordering)- - - - -	22
23420 A-4-1/32	Lap Seam Feller Assembly, 1/32 inch capacity, for No. 4 gauge Styles 12000 A, 12000 B; one each Nos. 23421 B-12-1/32, 25 B, 23422 A-1/16 (specify component parts in ordering)- - - - -	22
23420 A-4-1/16	Lap Seam Feller Assembly, 1/16 inch capacity; one each Nos. 23421 B-12-1/16, 25 B, 23422 A-1/16 (specify component parts in ordering)- - - - -	22
23420 A-4 1/2-1/32	Lap Seam Feller Assembly, 1/32 inch capacity, for No. 4 1/2 gauge Style 12000 B one each Nos. 23421 B-4 1/2-1/32, 25 B, 23422 A-1/32 (specify component parts in ordering) - - - - -	22
23420 A-4 1/2-1/16	Lap Seam Feller Assembly, 1/16 inch capacity; one each Nos. 23421 B-4 1/2-1/16, 25 B, 23422 A-1/16 (specify component parts in ordering) - - - - -	22
23420 A-5-1/32	Lap Seam Feller Assembly, 1/32 inch capacity, for No. 5 gauge Style 12000 B, one each Nos. 23421 B-5-1/32, 25 B, 23422 A-1/32 (specify component parts in ordering)- - - - -	22
23420 J-4-3/32	Lap Seam Feller Attaching Screw No. 187 A Lap Seam Feller Assembly, 3/32 inch capacity, for No. 4 gauge Style 12100 B and No. 6 gauge Style 31500 A; one each Nos. 23421 J-4-3/32, 25 CC, 23422 J-3/32, 23423 J; two No. 94 (specify component parts in ordering)- - - - -	22

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.	Plate No.
23420 J-4-7/64	Lap Seam Feller Assembly, 7/64 inch capacity, for No. 4 gauge Style 12100 B, one each Nos. 23421 J-4-7/64, 25 CC, 23422 J-7/64, 23423 J; two No. 94 (specify component parts in ordering)- - - - -	22
23420 J-4-1/8	Lap Seam Feller Assembly, 1/8 inch capacity, for No. 4 gauge Style 12100 B, one each Nos. 23421 J-4-1/8, 25 CC, 23422 J-1/8, 23423 J; two No. 94 (specify component parts in ordering)- - - - -	22
23420 J-4 1/2-3/32	Lap Seam Feller Assembly, 3/32 inch capacity, for No. 4 1/2 gauge Style 12100 B, one each Nos. 23421 J-4 1/2-3/32, 25 CC, 23422 J-3/32, 23423 J; two No. 94 (specify component parts in ordering)- - - - -	22
23420 J-4 1/2-7/64	Lap Seam Feller Assembly, 7/64 inch capacity, one each Nos. 23421 J-4 1/2-7/64, 25 CC, 23422 J-7/64, 23423 J, two No. 94 (specify component parts in ordering)- - - - -	22
23420 J-4 1/2-1/8	Lap Seam Feller Assembly, 1/8 inch capacity; one each Nos. 23421 J-4 1/2-1/8, 25 CC, 23422 J-1/8, 23423 J; two No. 94 (specify component parts in ordering)- - - - -	22
23420 J-5-3/32	Lap Seam Feller Assembly, 3/32 inch capacity, for No. 5 gauge Style 12100 B and No. 9 gauge Styles 31500 A, 31500 B; one each Nos. 23421 J-5-3/32, 25 CC, 23422 J-3/32, 23423 J; two No. 94 (specify component parts in ordering)- - - - -	22
23420 J-5-7/64	Lap Seam Feller Assembly, 7/64 inch capacity, for No. 5 gauge Style 12100 B and No. 9 gauge Style 31500 B; one each Nos. 23421 J-5-7/64, 25 CC, 23422 J-7/64, 23423 J; two No. 94 (specify component parts in ordering)- - - - -	22

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.	Plate No.
23420 J-5-1/8	Lap Seam Feller Assembly, 1/8 inch capacity, for No. 5 gauge Style 12100 B and No. 9 gauge Style 31500 B; one each Nos. 23421 J-5-1/8, 25 CC, 23422 J-1/8, 23423 J; two No. 94 (specify compo- nent parts in ordering)- - - - -	22
23420 J-5-5/32	Lap Seam Feller Assembly, 5/32 inch capacity, for No. 5 gauge Style 12100 B and No. 9 gauge Style 31500 B; one each Nos. 23421 J-5-5/32, 25 CC, 23422 J-5/32, 23423 J; two No. 94 (specify compo- nent parts in ordering)- - - - -	22
23421 B-4 1/2-1/32	Lap Seam Feller Assembly Attaching Screws No. 22828 Upper Scroll, 1/32 inch capacity, for No. 4 1/2 gauge Style 12000 B- - -	22
23421 B-4 1/2-1/16	Upper Scroll, 1/16 inch capacity - - -	22
23421 B-5-1/32	" " 1/32 inch capacity, for No. 5 gauge Style 12000B	22
23421 B-8-1/32	" " 1/32 inch capacity, for No. 2 gauge Style 12000 A	22
23421 B-8-1/16	" " 1/16 inch capacity - - -	22
23421 B-10-1/32	" " 1/32 inch capacity, for No. 3 gauge Style 12000 A	22
23421 B-10-1/16	" " 1/16 inch capacity - - -	22
23421 B-12-1/32	Upper Scroll, 1/32 inch capacity, for No. 4 gauge Styles 12000 A, 12000 B	22
23421 B-12-1/16	Upper Scroll, 1/16 inch capacity - - -	22
23421 J-4-3/32	Upper Scroll Screw No. 25 B Upper Scroll, 3/32 inch capacity, for No. 4 gauge Style 12100 B and No. 6 gauge Style 31500 A- - - - -	22
23421 J-4-7/64	Upper Scroll, 7/64 inch capacity, for No. 4 gauge Style 12100 B	22
23421 J-4-1/8	" " 1/8 inch capacity, for No. 4 gauge Style 12100 B	22
23421 J-4 1/2-3/32	Upper Scroll, 3/32 inch capacity, for No. 4 1/2 gauge Style 12100 B- - -	22
23421 J-4 1/2-7/64	Upper Scroll, 7/64 inch capacity - - -	22
23421 J-4 1/2-1/8	" " 1/8 inch capacity- - -	22
23421 J-5-3/32	Upper Scroll, 3/32 inch capacity, for No. 5 gauge Style 12100 B and No. 9 gauge Styles 31500 A, 31500 B- - -	22
23421 J-5-7/64	Upper Scroll, 7/64 inch capacity, for No. 5 gauge Style 12100 B and No. 9 gauge Style 31500 B- - - - -	22

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.	Plate No.
23421 J-5-1/8	Upper Scroll, 1/8 inch capacity, for No. 5 gauge Style 12100 B and No. 9 gauge Style 31500 B - - - - -	22
23421 J-5-5/32	Upper Scroll, 5/32 inch capacity, for No. 5 gauge Style 12100 B and No. 9 gauge Style 31500 B - - - - -	22
23422 A-1/32	Upper Scroll Screw No. 25 CC Lower Scroll and Base, 1/32 inch capacity, for Nos. 2, 3, 4 gauge Style 12000 A and Nos. 4, 4 1/2, 5 gauge Style 12000 B - - - - -	22
23422 A-1/16	Lower Scroll and Base, 1/16 inch capacity, for Nos. 2, 3, 4 gauge Style 12000 A and Nos. 4, 4 1/2 gauge Style 12000 B - - - - -	22
23422 J-3/32	Lower Scroll and Base Screw No. 187 A Lower Scroll and Base, 3/32 inch capacity, for Nos. 4, 4 1/2, 5 gauge Style 12100 B, Nos. 6, 9 gauge Style 31500 A and No. 9 gauge Style 31500 B - - - - -	22
23422 J-7/64	Lower Scroll and Base, 7/64 inch capacity, for Nos. 4, 4 1/2, 5 gauge Style 12100 B and No. 9 gauge Style 31500 B - - - - -	22
23422 J-1/8	Lower Scroll and Base, 1/8 inch capacity, for Nos. 4, 4 1/2, 5 gauge Style 12100 B and No. 9 gauge Style 31500 B - - - - -	22
23422 J-5/32	Lower Scroll and Base, 5/32 inch capacity, for No. 5 gauge Style 12100 B and No. 9 gauge Style 31500 B - - - - -	22
23423 J	Lower Scroll and Base Screw No. 94 Lap Seam Feller Bracket, for Styles 12100 B, 31500 A, 31500 B - - - - -	22
28606-1/2	Lap Seam Feller Bracket Screw No. 22828	
28606-1	Powdered Oil Stone, 1/2 lb. package	
28705	" " " 1 lb. package	
28705 D	"Electro Drive", 1/2 H.P., A.C., 1 phase, 60 cycles, 105-115 volts, 3400 R.P.M. - - -	—
28707 B	"Electro Drive", 1/2 H.P., A.C., 1 phase, 60 cycles, 220 volts, 3450 R.P.M. - - -	—
	"Electro Drive", 1/2 H.P., A.C., 3 phase, 60 cycles, 210-230 volts, 3500 R.P.M. - - -	—
28707 F	"Electro Drive", 1/2 H.P., A.C., 3 phase, 60 cycles, 210-230 volts, 1725 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.	Plate No.
29066 B	Needle Lever Connecting Rod Upper Bearing Assembly; one each Nos. 1230 A, 156 lapped to- gether, 1230 B, 1230 D, 22586 A- - - - -	15
29069 B	Needle Lever Eccentric Assembly, for Styles 11800 C, 11800 H, 12100 T; one each Nos. 11870, 15430 M lapped together - - - - -	17
29101	Feed Drive Eccentric Assembly, for styles in Classes 11900, 12000, 12200, 31500, Style 12100 B, one each Nos. 457, 458 lapped to- gether - - - - -	17
29103	Feed Lift Eccentric Assembly, for styles in Classes 11900, 12000, 12100, 31500, one each Nos. 471 A, 458 lapped together- - - - -	17
29104 B	Looper Drive Eccentric Assembly, one each Nos. 12058 N, 484, 12056 N lapped together- - - - -	17
29105	Looper Avoid Eccentric Assembly, for styles in Classes 11900, 12100, Style 31500 A; one each Nos. 488, 489 lapped together- - - - -	17
29106 B	Looper Avoid Eccentric Assembly, for Styles 12100 B, 12100 T, 31500 B; one each Nos. 31555 B, 489 lapped together - - - - -	17
29107 D	Needle Lever Eccentric Assembly, for Styles 11900 B, 11900 C, 11900 E; one each Nos. 11970, 15430 M lapped together - - - - -	17
29108 J	Needle Lever Eccentric Assembly, for styles in Classes 12000, 12200, Style 31500 A; one each Nos. 12070 N, 15430 M lapped together- - - - -	17
29108 K	Needle Lever Eccentric Assembly, for Styles 11900 K, 11900 L, 12100 B, 31500 B; one each Nos. 31570 C, 15430 M lapped together- - - - -	17
29117	Feed Lift Eccentric Assembly, for styles in Class 11800; one each Nos. 11806 C, 458 lapped together - - - - -	17
29118	Looper Avoid Eccentric Assembly, for styles in Class 11800; one each Nos. 11814 C, 11863 lapped together- - - - -	17
29119	Feed Drive Eccentric Assembly, for Styles 11800 C, 11800 H, 12100 T; one each Nos. 11837, 11838 lapped together - - - - -	17
29202-1	Needle Bar Assembly, for No. 1 gauge styles in Class 12000, one each Nos. 160 A-1, 89, 164-1 and two No. 166- - - - -	—
29202-2	Needle Bar Assembly, for No. 2 gauge; one each Nos. 160 A-2, 89, 164-1 and two No. 166- - - - -	—
29202-3	Needle Bar Assembly, for No. 3 gauge; one each Nos. 160 A-3, 56 B-2 and two No. 166 - - - - -	—

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.	Plate No.
29202-4	Needle Bar Assembly, for No. 4 gauge styles in Classes 12000, 12100; one each Nos. 160 A-4, 56 B-2 and two No. 166- - - - -	—
29202-4 1/2	Needle Bar Assembly, for No. 4 1/2 gauge styles in Classes 12000, 12100; one each Nos. 160 A-4 1/2, 56 B-4 and two No. 166	—
29202-5	Needle Bar Assembly, for No. 5 gauge styles in Classes 12000, 12100; one each Nos. 160 A-5, 56 B-4 and two No. 166- - - - -	—
29203-5 1/2	Needle Bar Assembly, for No. 5 1/2 gauge styles in Classes 12000, 12100; one each Nos. 50 C-6, 89, 8318-5 1/2 and two No. 98	—
29209-12	Needle Bar Assembly, for No. 12 gauge styles in Class 11900, one each Nos. 50 E, 56 A and two No. 88 B - - - - -	—
29209-16	Needle Bar Assembly, for No. 16 gauge; one each Nos. 50 EW, 56 AW and two No. 88 B- -	—
29209 B-8	Needle Bar Assembly, for No. 8 gauge styles in Class 11900, one each Nos. 11917-8, 28 B, 11918-8 and two No. 88 B - - - - -	—
29225 A	Needle Bar Assembly, for Style 12200 A; one each Nos. 8617 J, 56 V, 88, 8650 - - - - -	—
29234 B-9	Needle Bar Assembly, for No. 9 gauge styles in Class 31500; one each Nos. 17117, 89, 22752, 31518-9 and two No. 88 B- - - - -	—
29304 F	Needle Lever Cone Bearing Stud Assembly, for styles in Classes 11900, 12000, 12100, 12200, 31500; one each Nos. 16276, 6090 A, 6093 lapped together and two each Nos. 88, 11638 M- - - - -	17
29306 B	Needle Lever Assembly, for styles in Class 11800, one each Nos. 494, 11875 A, lapped together and one No. 12990 - - - - -	—
29402	Lifter Treadle Assembly, one each Nos. 422, 423, 424, 22813- - - - -	29
31505 A-6	Feed Dog, for No. 6 gauge Style 31500 A (screw No. 94) - - - - -	5
31505 A-10	Feed Dog, for No. 9 gauge Style 31500 A (screw No. 94) - - - - -	5
31505 C-10	Feed Dog, for No. 9 gauge Style 31500 B (screw No. 94) - - - - -	5
31508-9	Looper, front, marked "A-9" for No. 9 gauge Styles 31500 A, 31500 B- - - - -	10
31508 B-6	Looper, front, marked "J-6" for No. 6 gauge Style 31500 A- - - - -	10
31509	Looper, middle, marked "B" for Styles 31500 A, 31500 B - - - - -	10
31509 A-9	Looper, back, marked "C-9" for No. 9 gauge Styles 31500 A, 31500 B- - - - -	10

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.	Plate No.
31509 D-6	Looper, back, marked "K-6" for No. 6 gauge Style 31500 A - - - - -	10
	Looper Set Screw No. 22565	
31517	Needle Bar, for No. 6 gauge Style 31500 A (set screw No. 88 A)- - - - -	19
31518-9	Needle Holder, for No. 9 gauge Styles 31500A, 31500 B (spot screw No. 89, needle set screw, middle, No. 22752, needle set screw, outer, No. 88 B - - - - -	23
31518 A-6	Needle Seat Block, for No. 6 gauge Style 31500 A (set screw No. 1096)- - - - -	14
31520 A-6	Presser Foot, for No. 6 gauge Style 31500 A (clamp screw No. 91)- - - - -	7
31520 A-9	Presser Foot, for No. 9 gauge (clamp screw No. 91) - - - - -	7
31520 C-9	Presser Foot Assembly, for No. 9 gauge Style 31500 B, one each Nos. 31530 C-9, 91, 31530, 31530 D- - - - -	7
31521	Pulley, working diameter of belt groove 3 inches, for styles in Classes 11900, 12000, 12100, 12200, 31500 (spot screw No. 22597, set screw No. 22597)A - - - - -	18
‡31524 A-6	Throat Plate, for No. 6 gauge Style 31500 A (attachment sliding support No. 31581 B, sliding support spring No. 187, spring screw No. 22561, throat plate screw No. 22524)- - - - -	2
‡31524 A-9	Throat Plate, for No. 9 gauge (attachment sliding support No. 31581 B, sliding support spring No. 187, spring screw No. 22561, throat plate screw No. 22524)- - - - -	2
31525 B	Cylinder Needle Guard, adjustable, marked "DX" for No. 9 gauge Styles 31500 A, 31500 B (screw No. 97, adjusting bushing No. 12035)- - - - -	6
31525 C	Cylinder Needle Guard, adjustable, marked "DY" for No. 6 gauge Style 31500 A (screw No. 97, adjusting bushing No. 12035)- - - - -	6
‡31528 A-9	Throat Plate, for No. 9 gauge Style 31500 B (attachment sliding support No. 31581 B, sliding support spring No. 187, spring screw No. 22561, throat plate screw No. 22524)- - - - -	1
31529 B	Cylinder. Note: This part is furnished only when repairs are made at factory (screw No. 22750)- - - - -	-
31530	Presser Foot Shank, for No. 9 gauge Style 31500 B (clamp screw No. 91)- - - - -	-
31530 C-9	Presser Foot Bottom, for No. 9 gauge Style 31500 B - - - - -	-

‡See Page 9

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.	Plate No.
31530 D	Presser Foot Bottom Hinge Pin, for No. 9 gauge Style 31500 B- - - - -	—
31534	Needle Bar Thread Eyelet, for styles in Class 31500 (screw No. 22768)- - - - -	16
31548	Looper Holder, for styles in Class 31500 (clamp screw No. 79) - - - - -	20
31550	Auxiliary Needle Thread Tension Disc Bracket, for styles in Class 31500 (screw No. 22585)	23
31555 B	Looper Avoid Eccentric, throw .140 inch, for Styles 12100 B, 12100 T, 31500 B (spot screw No. 96)- - - - -	18
31560	Presser Bar, standard diameter .319 inch, for Style 12100 T- - - - -	20
31560-322	Presser Bar, standard diameter plus .003 inch	—
31560-325	" " standard diameter plus .006 inch	—
31560-328	" " standard diameter plus .009 inch	—
31562	Tension Post Ferrule, for needle thread ten- sions; also middle and lower looper thread tensions on styles in Class 31500- - - - -	13
31566	Cylinder Looper Thread Guide, front, for styles in Class 31500 (screw No. 98 A) - - -	23
31566 A	Cylinder Looper Thread Eyelet, rear, for styles in Class 31500 (screw No. 98 A) - - -	23
31570 C	Needle Lever Eccentric, throw .590 inch, for Styles 11900 K, 11900 L, 12100 B, 31500 B (spot screw No. 81, set screw No. 95)- - -	18
31574	Looper Thread Take-up Box, for styles in Class 31500 (screw No. 80) - - - - -	30
31575	Looper Thread Take-up Box Cover (hinge screw No. 14, spring No. 353, spring screw No. 90)	30
31576	Looper Thread Tension Bracket, for styles in Class 31500 (screw No. 93 A) - - - - -	23
31577	Looper Thread Take-up Thread Eyelet, for styles in Class 31500 (supporting screw No. 97, stop screw No. 22760)- - - - -	23
31578	Thread Controller Thread Eyelet, for styles in Class 31500 (screw No. 138)- - - - -	16
31580 A	Cylinder Thread Guide, for Styles 12100 B, 31500 A, 31500 B; attaches to end of cyl- inder (screw No. 98 A) - - - - -	16
31581 B	Attachment Sliding Support, for styles in Class 31500 (spring No. 187, spring screw No. 22561) - - - - -	1
31590 A	Looper Thread Guard, for styles in Classes 11900, 12000, 12100, 12200, 31500 (screw No. 141) - - - - -	23
31595	Pull-off Thread Guide, for looper threads on styles in Class 31500 (screw No. 90) - - -	16
31595 A	Pull-off Thread Guide, for looper threads on styles in Class 12100 (screw No. 90) - - -	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.	Plate No.
33196	Cylinder Adjusting Sleeve- - - - -	12
41046 G	Spring Valve Oiler, for left main shaft bearing	13
K49987	Looper, back, for No. 5 1/2 gauge Style 12100 T (set screw No. 73) - - - - -	—

ANALYSIS OF COMPARATIVE SEWING COSTS

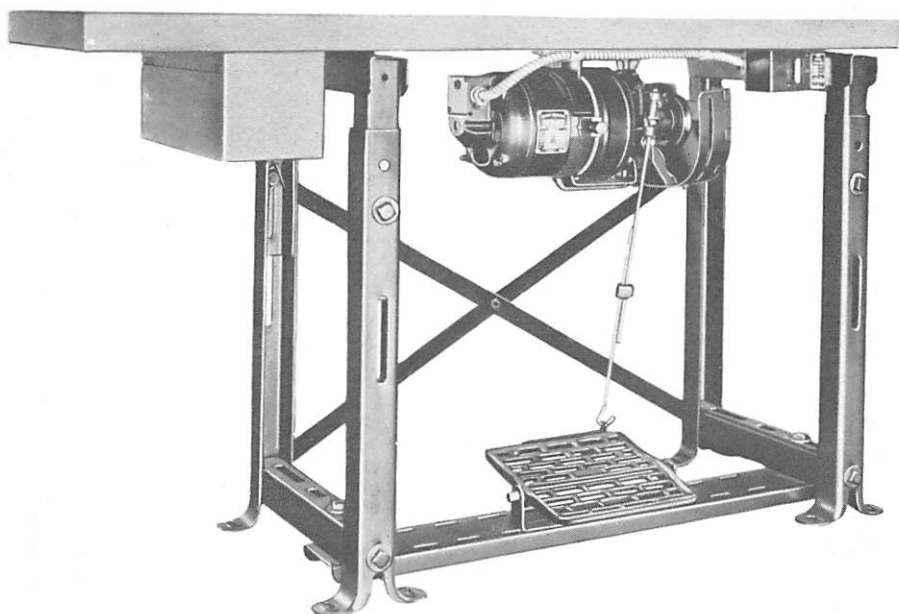
This form offers a simple method for you to determine the effect of modern, high speed machines on your production and overhead costs. To use it, merely fill in the starred items. Any Union Special representative will supply the necessary information on the improved machine which will enable you to complete the record.

*Sewing Operation _____

*PRESENT MACHINE Style _____

IMPROVED MACHINE Style _____

*1. Average Daily Production per Machine..... Doz.		1. Add _____% (due to increased efficiency of improved machine) to the production shown in the opposite column. Expected production of the new machine is thus..... Doz.	
*2. SEWING COST		2. SEWING COST	
*Average Daily Earnings per Operator..... \$		Average Daily Earnings per Operator..... \$	
(From your own records.)		(Increased production from improved machine should enable operator's earnings to be increased up to 10%. Add _____% to average daily earnings shown in opposite column.)	
*Average Daily Overhead per Operator..... \$		Average Daily Overhead per Operator..... \$	
(Determine your overhead as a percentage of direct labor from your own records. Multiply the average daily earnings per operator shown above by this percentage.)		(This is the same as the average daily overhead shown in the opposite column, as dollar overhead is not affected when production per machine is increased.)	
*Total Daily Sewing Cost per Operator..... \$		Total Daily Sewing Cost per Operator..... \$	
(This is the sum of earnings and overhead as determined above.)		(This is the sum of earnings and overhead as determined above.)	
*Sewing Cost per Dozen..... \$		Sewing Cost per Dozen..... \$	
(Divide the total daily sewing costs per operator by the average daily production with your present machine.)		(Divide the total daily sewing cost per operator by the average daily production expected from the new machine.)	
3. SAVINGS EFFECTED		4. REPLACEMENT COST	
Per Dozen Garments..... \$		Cost of improved machine..... \$	
(Subtract the sewing cost per dozen expected with the improved machine from your present sewing cost per dozen.)		Less trade-in or resale value present machine..... \$	
Per Day..... \$		Less overhauling or repair present machine..... \$	
(Multiply the savings per dozen determined above by the production expected from the improved machine.)		Net cost improved machine..... \$	
Per Year..... \$		5. SUMMARY	
(Multiply the savings per day by 240 days.)		Number of operating days required to repay net cost..... Days	
Less 10% depreciation on net cost of new machine..... \$		(Divide the net cost of improved machine by the annual savings. Multiply this result by 240 days.)	
Net Annual Savings..... \$		Annual return on net cost..... %	
		(Divide the annual savings by the net cost.)	
		(Additional copies of this form, size 8½ x 11", available in quantities at cost.)	



"Electro Drive"

Table Top, drawer, stand, and treadle are shown only
for clarity and are furnished separately.



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