

SHAPIRO MACHINE & MOTOR CO., Inc.

CATALOG No. 53 L

LIST OF PARTS

STYLES

15700 A 15700 B

15700 C 15700 D 15700 E

UNION SPECIAL MACHINE COMPANY

General Office and Factory: 400 North Franklin Street

CHICAGO, ILLINOIS

BRANCHES AND SERVICE STATIONS, UNITED STATES

Boston, Mass.	Johnson City, N. Y.	Toledo, Ohio
Lynn, Mass.	Buffalo, N. Y.	Minneapolis, Minn.
Haverhill, Mass.	Troy, N. Y.	St. Louis, Mo.
New York, N. Y.	Philadelphia, Pa.	Kansas City, Mo.
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	Cleveland, Ohio	

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Baltimore, Md.	Atlanta, Ga.	New Orleans, La.
Detroit, Mich.	Milwaukee, Wis.	Seattle, Wash.

BRANCHES—FOREIGN

Union Special Machine Corporation of America.	Belgium, Brussels
Union Special Machine Company of Canada, Ltd.	Canada, Toronto
Union Special Machine Company of Canada, Ltd.	Canada, Montreal
Union Special Machine Corporation of America.	Denmark, Copenhagen
Union Special Machine Corporation of America.	England, Leicester
Union Special Machine Corporation of America.	England, London
Compagnie des Machines Union Special de France.	France, Paris
Compagnie des Machines Union Special de France.	France, Lyons

UNION SPECIAL MASCHINENFABRIK, G. m. b. H.

General Office and Factory: STUTT GART, GERMANY

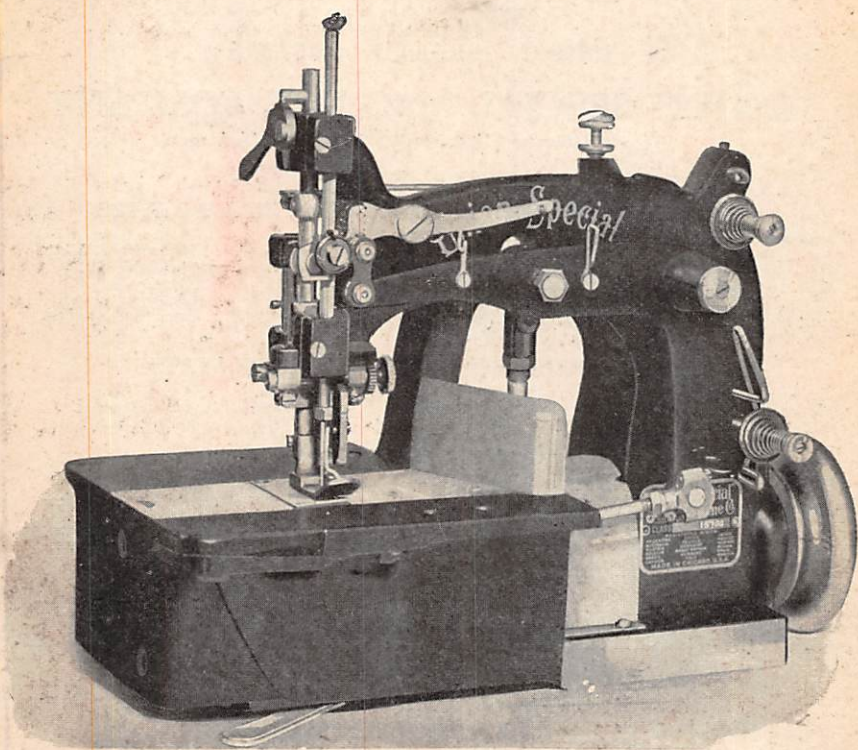
BRANCHES AND SERVICE STATIONS, GERMANY

Berlin	Köln	Erfurt
Chemnitz	Ebingen	Frankfurt am Main

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Argentine Republic Buenos Aires	England Leeds Manchester Norwich	New Zealand Auckland Christchurch Wellington
Austria Vienna	French Indo China Saigon	Philippine Islands Manila
Australia Melbourne Sydney	Hawaiian Islands Honolulu	Portugal Oporto
Brazil Rio de Janeiro Santos Sao Paulo	India Bombay Calcutta	Scotland Glasgow Dundee
China Hong Kong Shanghai	Ireland Belfast	Siam Bangkok
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	Mexico Mexico City	

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TYPICAL OF STYLES IN CLASS 15700

APPLICATION OF CATALOG

This catalog applies only to the standard styles of machines listed below, but can be applied with discretion to the special machines in Class 15700. Information relative to transmitters is contained in catalog No. 29. Needles are listed and fully described in catalog No. 45. These catalogs will be furnished, gratis, on request.

IDENTIFICATION OF MACHINES

A machine equipped with specified parts and fitted for a specific operation is given a **STYLE NUMBER**, the symbol for which is a number evenly divisible by 100, with a letter or letters suffixed. Example: 15700 A. There are two kinds of style numbers, classified as **STANDARD** and **SPECIAL**. Style numbers of standard machines do not include the letter Z. Style numbers of machines including the letter Z are special.

Styles of machines, similar in construction, are grouped and given a **CLASS NUMBER**, the symbol for which is a number evenly divisible by 100, without a letter suffixed. Example: 15700.

STYLES OF MACHINES IN CLASS 15700

Flat Bed, One Needle, With Dewees Trimmer, Low Bed, 10 Inches Long, Inside Needle Lever Drive.

15700 A For seaming knit underwear, etc.; minimum width of seam $\frac{3}{32}$ inch, non-differential feed.

15700 B For seaming knit underwear, etc.; minimum width of seam $\frac{1}{8}$ inch, non-differential feed.

15700 C For seaming knit underwear, etc.; tandem differential feed, minimum width of seam $\frac{3}{32}$ inch.

15700 D For seaming knit underwear, etc.; tandem differential feed, minimum width of seam $\frac{1}{8}$ inch.

15700 E For seaming sweaters and other heavy weight materials, tandem differential feed, minimum width of seam $\frac{1}{8}$ inch.

15700 Z A special style, similar to the standard styles in Class 15700, having several of the standard parts substituted by corresponding parts, or equipped with additional parts. When only minor changes are made, a Z is merely suffixed to the respective standard style number. Example: 15700 AZ.

NEEDLES

TYPE NUMBER Each needle has a type number and size number.
DESCRIPTIONS The former denotes the kind of point, shank, 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 on the needle shank. Collectively, the Type Number and Size Number represent the complete definition of the needle. Type 121 is used in the machines covered by this catalog.



Type 121

Furnished in sizes .025, .027, .032,
.036, .040, .044, .049, .054, .060.

USE GENUINE NEEDLES Success in the operation of these machines can be secured only by the use of genuine Union Special Needles, as furnished by the Union Special Machine Company, or its subsidiaries. Obviously, it is to our interest to maintain the reputation of machines by furnishing the very best needles 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.

Genuine needles are put up in packages marked at the top "Trade 'UNION SPECIAL' mark." All other needles are bogus.

ORDERING 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 package. An intelligible order would read as follows:

100 Needles Type 121 Size .040.

ORDERING REPAIR PARTS

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

When a given design of pressor foot, throat plate or other part is made in two or more gauges or sizes, only one illustration is given. In ordering these pieces, it is necessary that the gauge or size be specified.

LIST OF PARTS Turning from the plates to the list of parts, the definition of each part and its principal uses will be found. Always check the symbol against its definition 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 definition.

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 square in the "Symbol to order by" column indicates that the part is commercial and can be readily purchased in any machinist's supply house.

(‡) 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, and powdered oil stone will be promptly furnished.

TERMS Prices are strictly net cash and subject to change without notice. Express and freight shipments are forwarded at the buyer's risk f.o.b. shipping point. Parcel post shipments are insured unless otherwise directed. A charge is made to cover the postage and insurance.

Plate 1—Full Size

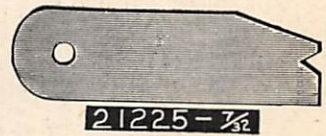
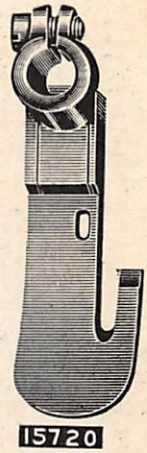
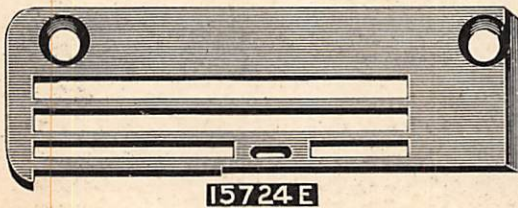
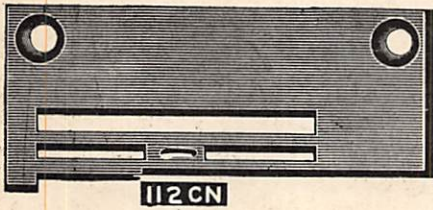
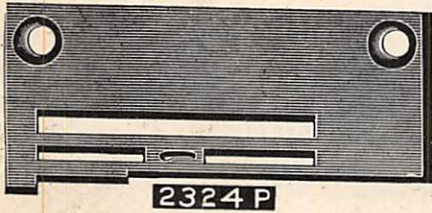
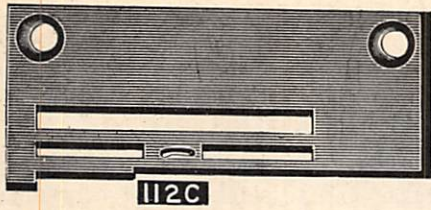


Plate 2—Full Size

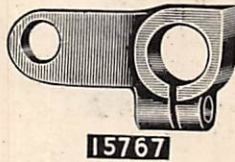
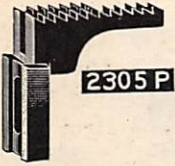


Plate 3—Full Size



Plate 4—Full Size



97



22593



94



93 A



93



22517



22542



22572



79



97 A



22755



22548



22596



22569



136



613



141



T 22



86



86 A



T 23



T 18



22587



82



154380



11638 F



12997 A



22519



22632 F-24



69 F D

Plate 5—Full Size

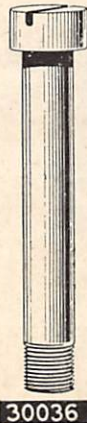
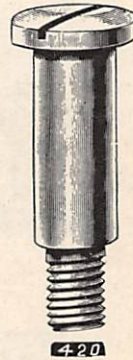
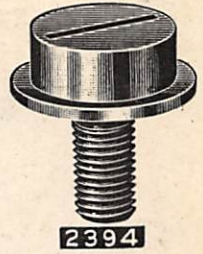
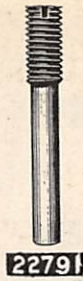


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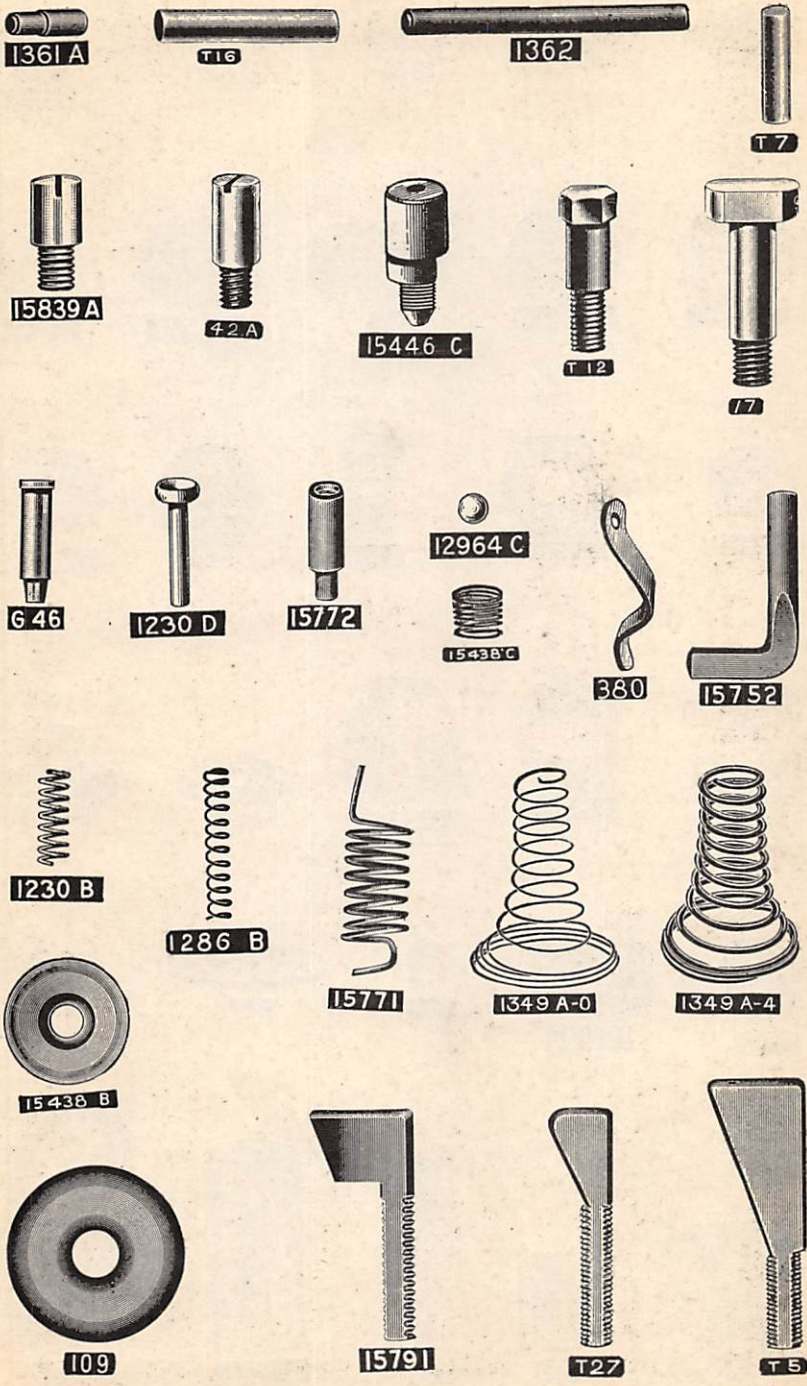


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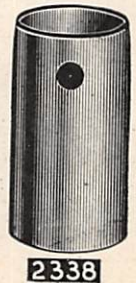


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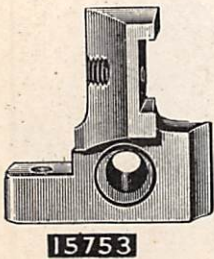
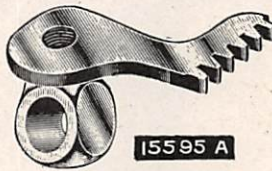
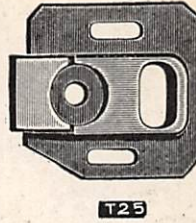
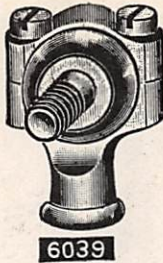
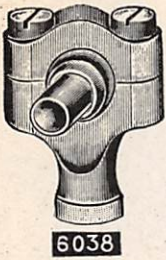


Plate 9—Full Size



T 21



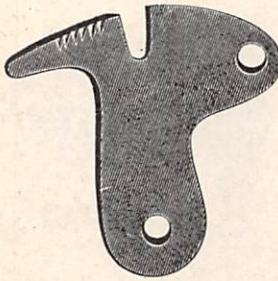
T11A



2343



T 21 B



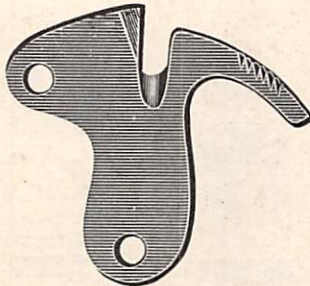
T11



2343A



2341



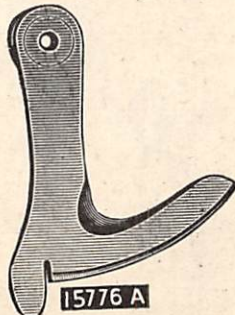
2355



2345



2349



15776 A



2349 A

Plate 10—One-half Size



15438 H



15438 J



53 A



52 A



15491 A



336



2335



15755



12955



426



61 X



64



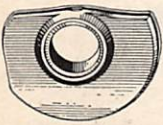
364



58



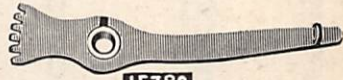
19



101



15754 B



15780



2333



10



9332



15760



423



15740



54



15741

Plate 11—One-half Size

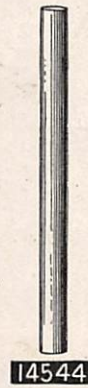
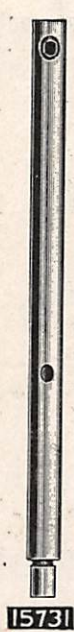
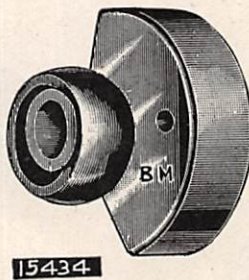
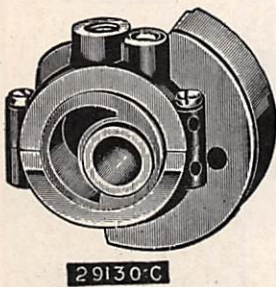
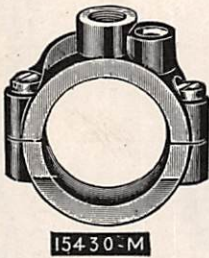
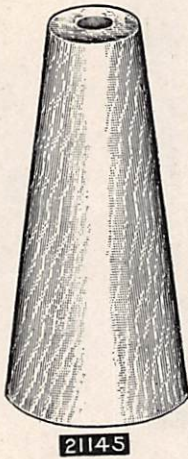
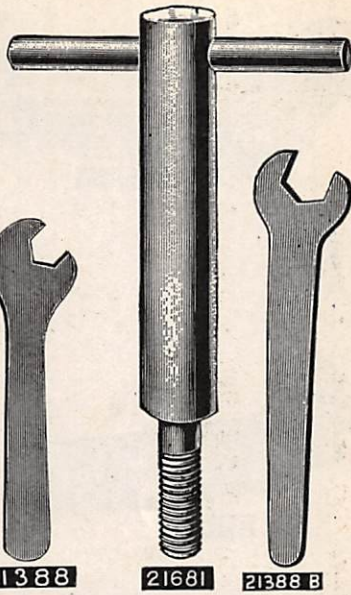
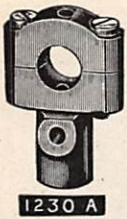
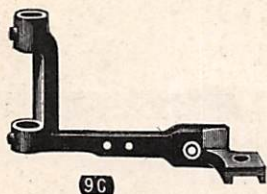


Plate 12—One-half Size



280

Plate 14—One-third Size



Specify Length

Plate 15—One-fourth Size



15722



4158



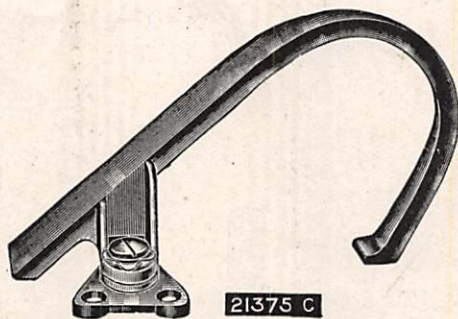
15715



15831C



419 A



21375 C



Y 510



29402



422

Plate 16—One-fourth Size

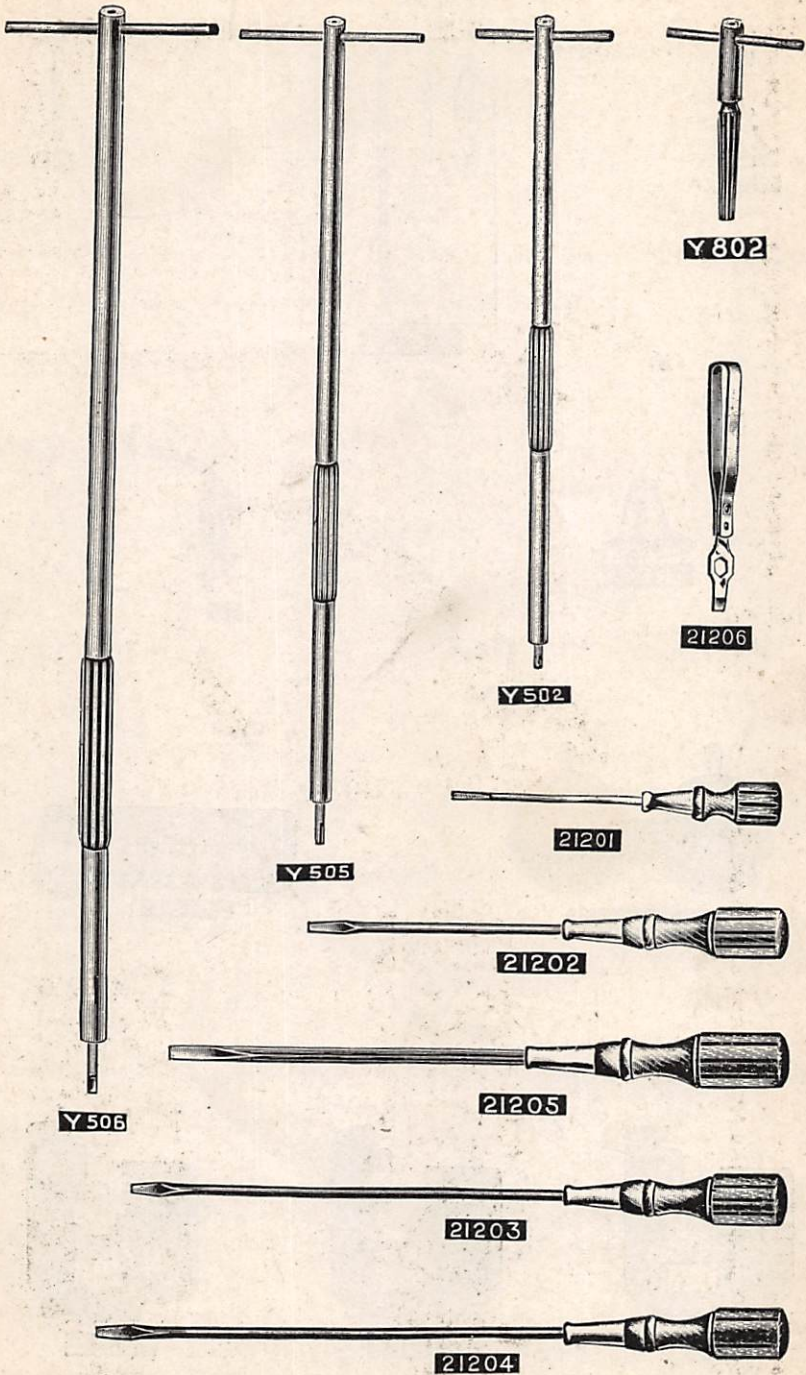
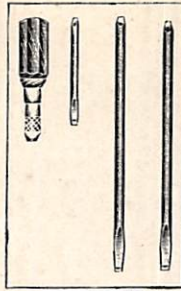


Plate 17—One-eighth Size



413



21208



695



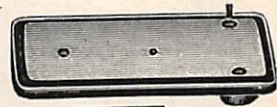
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7C



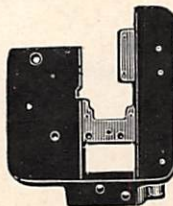
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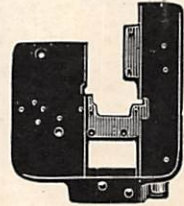
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15701

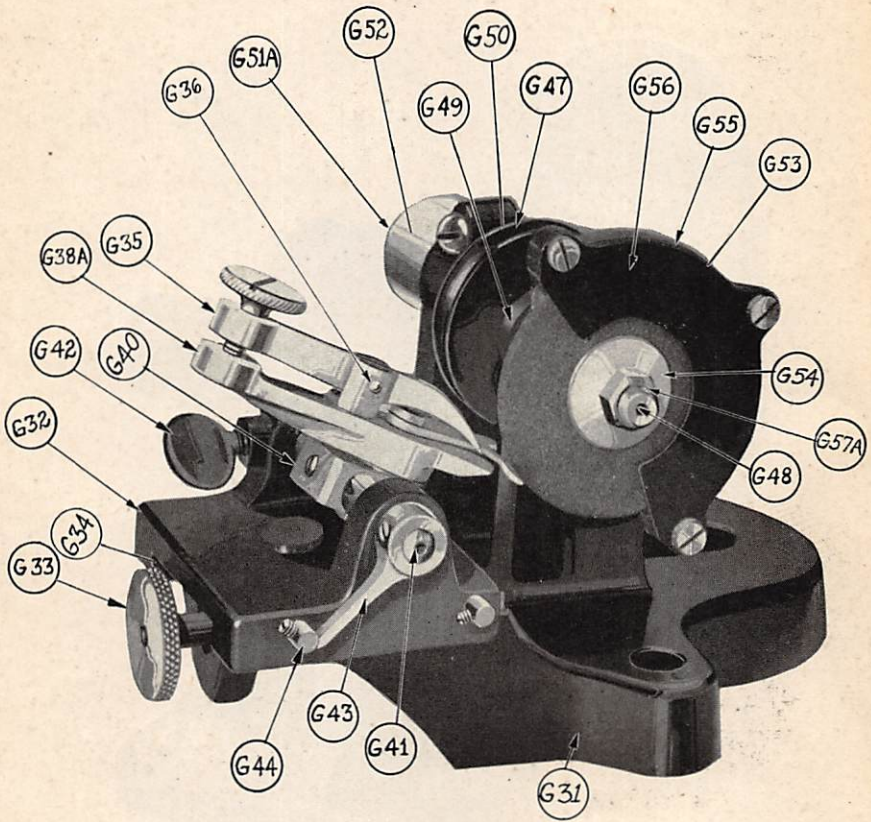


15701 B



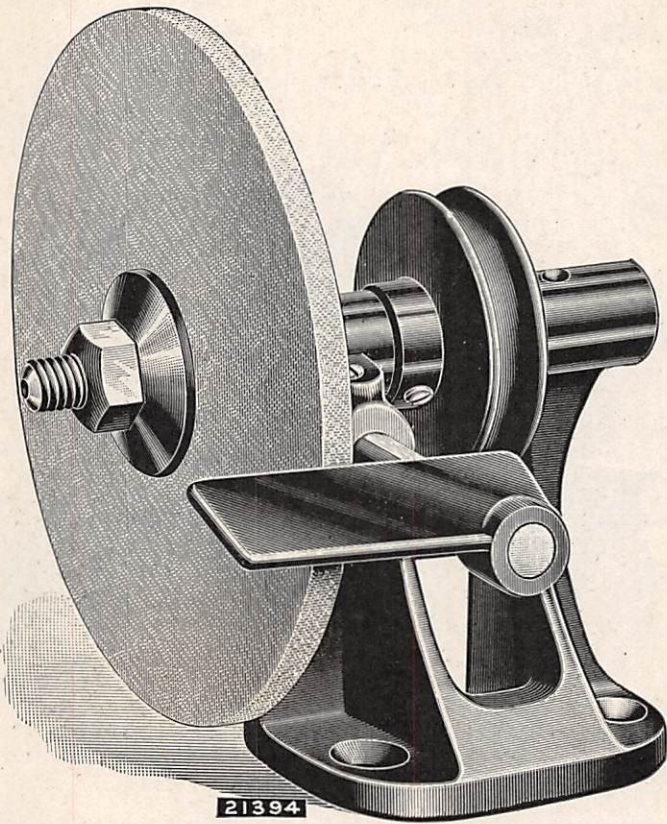
15701 E

Plate 18



2375 A

Toggle Grinder Assembly



21394

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. Refer to pink insert for prices.	Plate No.
2 A	Cloth Plate Slide.....	12
4 E	Cast-off Wire.....	2
	Cast-off Wire Screw No. 22524.	
5	Main Shaft Collar.....	11
	Main Shaft Collar Screws No. 95.	
T5	Lower Toggle Adjusting Wedge.....	6
T6	Lower Toggle Adjusting Wedge Nut.....	7
T7	Lower Toggle Adjusting Wedge Pin.....	6
7 C	Feed Rocker, for Styles 15700 A, 15700 B.....	17
	Feed Rocker Screws No. 88.	
8	Feed Rocker Shaft, $5\frac{3}{16}$ inches long, hardened and ground, standard diameter .407 inch.....	11
8-408	Feed Rocker Shaft, standard diameter plus .001 inch.....	—
8-409	Feed Rocker Shaft, standard diameter plus .002 inch.....	—
8-410	Feed Rocker Shaft, standard diameter plus .003 inch.....	—
8-413	Feed Rocker Shaft, standard diameter plus .006 inch.....	—
8-416	Feed Rocker Shaft, standard diameter plus .009 inch.....	—
8-419	Feed Rocker Shaft, standard diameter plus .012 inch.....	—
8-422	Feed Rocker Shaft, standard diameter plus .015 inch.....	—
9 C	Feed Bar for Styles 15700 A, 15700 B.....	14
	Feed Bar Screws No. 88.	
10	Feed Bar Prong and Sponge for Styles 15700 A, 15700 B.....	10
	Feed Bar Prong Screws No. 94.	
10 A	Feed Bar Prong Sponge.....	—
11	Feed Bar Shaft, $3\frac{7}{16}$ inches long, hardened and ground, for Styles 15700 A, 15700 B.....	11
T11	Lower Toggle, serrated one side.....	9
T11 A	Lower Toggle, serrated both sides.....	9
T12	Lower Toggle Screw.....	6
G13	Toggle Grinder Spindle Renewable Bearing Clamp Screw..	4
T13	Lower Toggle Adjusting Bushing, long.....	7
T13 A	Lower Toggle Adjusting Bushing, short.....	7
T14	Lower Toggle Nut.....	7
15	Feed Crank Link, hardened.....	14
	Feed Crank Link Shim No. 1248.	
	Feed Crank Link Screw, $\frac{3}{8}$ inch long, No. 22569.	
	Feed Crank Link Lock Nut No. 7947.	
	Feed Crank Link Screw, $\frac{1}{2}$ inch long, No. 79, obsolete.	
16	Feed Crank Link Ferrule.....	11
G16	Toggle Grinder Emery Wheel.....	14
	Toggle Grinder Emery Wheel Washer No. G54.	
	Toggle Grinder Emery Wheel Nut No. G57 A.	
T16	Trimmer Pitman Pin.....	6
	Trimmer Pitman Pin Screw No. 77.	
17	Feed Crank Stud.....	6
18	Feed Crank Stud Nut; also for Nos. 6039, 15864.....	7
T18	Trimmer Pitman Screw, front.....	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. Refer to pink insert for prices.	Plate No.
19	Feed Crank Stud Cap.	10
	Feed Crank Stud Cap Screw No. 77.	
T19	Trimmer Pitman Bracket, for Styles 15700 A, 15700 B. . .	14
	Trimmer Pitman Bracket Screws No. 22548.	
20	Feed Crank Stud Washer.	7
21	Feed Crank Link Pin.	11
	Feed Crank Link Pin Screw No. 77.	
T21	Upper Toggle, for Styles 15700 B, 15700 D.	9
T21 B	Upper Toggle, for Styles 15700 A, 15700 C.	9
	Upper Toggle Screw No. T22.	
22 L	Feed Dog, for Styles 15700 A, 15700 B.	2
	Feed Dog Screw No. 93 A.	
T22	Upper Toggle Screw; also for No. 15770.	4
T23	Upper Toggle Guide Screw.	4
T25	Upper Toggle Adjusting Block.	8
	Upper Toggle Adjusting Block Guide Screws No. T26.	
A26	Looper Needle Guard, marked "A".	1
	Looper Needle Guard Screw No. 73 A.	
T26	Guide Screw, for upper toggle adjusting block.	3
T27	Upper Toggle Adjusting Wedge, for Style 15700 E.	6
	Upper Toggle Adjusting Wedge Nut No. 15769.	
T30	Upper Toggle Guide Screw Washer.	7
G31	Toggle Grinder Frame.	18
G32	Toggle Grinder Frame Slide.	18
G33	Toggle Grinder Frame Slide Adjusting Screw.	18
G34	Toggle Grinder Frame Slide Gib.	18
	Toggle Grinder Frame Slide Gib Screws No. 22575.	
G35	Toggle Grinder Clamp.	18
	Toggle Grinder Clamp Screw No. 201 C.	
G36	Toggle Grinder Clamp Pivot Pin.	18
G38 A	Toggle Grinder Turn Table.	18
G39	Toggle Grinder Turn Table Pivot Stud.	5
	Toggle Grinder Turn Table Pivot Stud Nut No. 11638 M.	
G40	Toggle Grinder Turn Table Tilting Block.	18
	Toggle Grinder Turn Table Tilting Block Screw No. 96.	
G41	Toggle Grinder Tilting Shaft.	18
42 A	Hand Lifter Screw Pin, hardened.	6
G42	Toggle Grinder Tilting Shaft Thumb Screw.	18
43	Feed Lift Eccentric, ground, for Styles 15700 A, 15700 B	11
	Feed Lift Eccentric Screw No. 96.	
G43	Toggle Grinder Tilting Shaft Arm.	18
	Toggle Grinder Tilting Shaft Arm Screw No. 96.	
G44	Toggle Grinder Knife Clamp Stop Screw Support.	18
G46	Toggle Grinder Turn Table Spring Pin.	6
47	Needle Lever Stud Nut, hardened.	7
G47	Toggle Grinder Pulley.	18
	Toggle Grinder Pulley Screws No. 88.	

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. Refer to pink insert for prices.	Plate No.
48	Needle Lever Stud Washer	7
G48	Toggle Grinder Spindle, hardened and ground	18
G49	Toggle Grinder Spindle Renewable Bearing Cover, right.	18
G50	Toggle Grinder Spindle Renewable Bearing Cover, left.	18
	Toggle Grinder Spindle Renewable Bearing Cover Screws No. 88.	
G51 A	Toggle Grinder Spindle Cap.	18
	Toggle Grinder Spindle Cap Screws No. 88.	
G52	Toggle Grinder Spindle Collar.	18
	Toggle Grinder Spindle Collar Screw No. 22560.	
52 A	Needle Lever Thread Eyelet.	10
	Needle Lever Thread Eyelet Screw No. 98 A.	
G53	Toggle Grinder Spindle Oiler.	18
53 A	Needle Bar Thread Guide and Looper Thread Take-up Eyelet Thread Guide.	10
	Needle Bar Thread Guide Screw No. 605 A.	
	Looper Thread Take-up Eyelet Thread Guide Screw No. 22593.	
54	Needle Lever Link, hardened.	10
G54	Toggle Grinder Emery Wheel Washer.	18
G55	Toggle Grinder Emery Wheel Guard, left.	18
	Toggle Grinder Emery Wheel Guard Screws No. 531.	
56	Needle Clamp Nut, hardened.	11
G56	Toggle Grinder Emery Wheel Guard, right.	18
	Toggle Grinder Emery Wheel Guard Screws No. 93 A.	
G57 A	Toggle Grinder Emery Wheel Nut.	18
58	Looper Thread Nipper Spring, rear.	10
	Looper Thread Nipper Spring Screw No. 22542.	
61 X	Presser Bar Connection.	10
	Presser Bar Connection Screw, front, No. 89.	
	Presser Bar Connection Screw, rear, No. 77.	
62	Presser Guide Bar, hardened and ground, standard diam- eter .319 inch.	11
62-322	Presser Guide Bar, standard diameter plus .003 inch.	—
62-325	Presser Guide Bar, standard diameter plus .006 inch.	—
62-328	Presser Guide Bar, standard diameter plus .009 inch.	—
62-331	Presser Guide Bar, standard diameter plus .012 inch.	—
62-334	Presser Guide Bar, standard diameter plus .015 inch.	—
64	Presser Spring Rest.	10
	Presser Spring Rest Screw No. 88.	
64 A	Presser Spring Regulating Screw.	5
64 B	Presser Spring Regulating Screw Lock Nut.	7
65 C	Presser Foot, for Styles 15700 A, 15700 B, 15700 C, 15700 D.	1
	Presser Foot Clamp Screw No. 91.	
69 S	Thread Stand Pin, 4 inches long.	17

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. Refer to pink insert for prices.	Plate No.
□ 69 FD	Set Screw, square head, cup point, $\frac{5}{16}$ inch diameter, 18 threads, $\frac{3}{8}$ inch long, for thread stand seats	4
73 A	Screw, for looper needle guard	3
77	Screw, for looper eccentric connecting rod link pin; also for Nos. T16, 19, 21, 61 X	3
78	Screw, upper, for needle lever link pin	3
79	Screw, for feed crank link, obsolete	4
81	Spot Screw, for needle lever eccentric	3
82	Screw, for regulating length of stitch	4
84 B	Stitch Regulating Ferrule	7
86	Stud, for hand lifter	4
86 A	Screw, plus size, for hand lifter, tap No. V113	4
87	Screw, for throat plates	3
87 U	Screw, for overlapping sections of trimmer pitman assembly	3
88	Set Screw, headless, for feed rockers; also for Nos. 9 C, G47, G49, G50, G51 A, 64, 2332, 2538, 4517, 4933, 14649, 15438 H, 15465 F, 15745 A, 15752	3
89	Screw, for take-up; also for No. 61 X	3
90	Screw, for cloth plate guard; also for Nos. 2305 P, 15805 D	3
91	Clamp Screw, for presser feet	3
93	Screw, $\frac{7}{16}$ inch long, fillister head, for cloth plates; also for No. 15741	4
93 A	Screw, $\frac{3}{8}$ inch long, for lifter lever extension; also for Nos. 22 L, G56	4
94	Screw, for feed bar prong; also for Nos. 9932, 15737, 15755, 15838 A	4
95	Screw, for main shaft collar; also for Nos. 336, 15434	3
96	Screw, for feed lift eccentrics; also for Nos. G40, G43, 15714	3
97	Clamp Screw, for trimmer bracket braces; also for No. 2334	4
97 A	Screw, for looper connecting rod ball joints	4
98	Screw, 32 threads to inch, for lifter treadle pin, obsolete...	3
98 A	Screw, for needle lever thread eyelets	3
100 B	Thread Stand Wire, 16 inches long	14
	Thread Stand Wire Screw, headless, 24 threads to inch, No. 22813, obsolete.	
	Thread Stand Wire Screw, square head, 24 threads to inch, No. 22632 F-24.	
101	Looper Thread Take-up	10
	Looper Thread Take-up Screw No. 89.	
107	Tension Spring Ferrule	11
108	Tension Nut	7
109	Tension Disc, hardened and lapped	6
V109	Tap, marked "J2" for No. 22526	5
112 C	Throat Plate, for Style 15700 B	1
112 CN	Throat Plate, for Style 15700 A	1
	Throat Plate Screws No. 87.	
V113	Tap, marked "Q2" for No. 86 A	5

□ See page 5

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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. Refer to pink insert for prices.	Plate No.
116	Wrench, $\frac{3}{32}$ inch, hardened, for needle clamp nut.	12
V118	Tap, marked "X2", for plus size cloth plate screw No. 22754	5
118 B	Thread Tweezers.	13
136	Screw, for cast-off wire stand.	4
141	Screw, for needle thread controller lever.	4
181	Looper Rocker, hardened and ground.	14
201 C	Toggle Grinder Clamp Screw.	5
249	Trimmer Bracket Brace Screw Nut; also for No. 22791.	7
250	Trimmer Bracket Brace Screw.	5
269	Looper Connecting Rod Nut, left thread.	7
336	Tension Thread Eyelet.	10
	Tension Thread Eyelet Screw No. 95.	
364	Looper Thread Nipper Spring, front.	10
	Looper Thread Nipper Spring Screw No. 22542.	
380	Cloth Plate Spring Latch.	6
	Cloth Plate Spring Latch Screw No. 22564.	
413	Oil Can, with spout.	17
415 B	Lifter Lever Casting.	15
419 A	Lifter Lever Extension.	15
	Lifter Levèr Extension Screws No. 93 A.	
420	Lifter Lever Stud.	5
421	Lifter Lever Chain.	14
422	Lifter Treadle.	15
423	Lifter Treadle Rest.	10
424	Lifter Treadle Pin.	11
	Lifter Treadle Pin Set Screw, 24 threads to inch, No. 22813.	
	Lifter Treadle Pin Set Screw, 32 threads to inch, No. 98, obsolete.	
426	Lifter Lever Spring.	10
426 A	Lifter Lever Spring Pin; also obsolete frame looper thread guide pin.	11
Y502-319	Expansion Reamer, for presser bar and presser guide bar, size .319 inch.	16
Y502-322	Expansion Reamer, size .322 inch.	—
Y502-325	Expansion Reamer, size .325 inch.	—
Y502-328	Expansion Reamer, size .328 inch.	—
Y505-407	Expansion Reamer, for feed rocker shafts and feed bar shaft, size .407 inch.	16
Y505-410	Expansion Reamer, size .410 inch.	—
Y505-413	Expansion Reamer, size .413 inch.	—
Y505-416	Expansion Reamer, size .416 inch.	—
Y506-530	Expansion Reamer, for main shaft, size .530 inch.	16
Y506-533	Expansion Reamer, size .533 inch.	—
Y506-536	Expansion Reamer, size .536 inch.	—
Y510-200	Expansion Reamer, for needle bars, size .200 inch.	15
531	Screw, for toggle grinder emery wheel guard.	3
605 A	Screw, for needle bar thread guide.	3

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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. Refer to pink insert for prices.	Plate No.
Y800	Taper Reamer, for lever end of needle lever stud.	—
Y801	Taper Reamer, for frame end of needle lever stud.	—
Y802	Taper Reamer, for needle lever link pins and feed crank link pins.	16
‡ 1230 A	Needle Lever Connecting Rod Upper Bearing.	12
	Needle Lever Connecting Rod Upper Bearing Screws No. 22587.	
1230 B	Needle Lever Connecting Rod Bearing Valve Spring and Toggle Grinder Turn Table Pin Spring.	6
	Needle Lever Connecting Rod Bearing Valve Spring Screw No. 22586 A.	
	Toggle Grinder Turn Table Pin Spring Screw No. 22580.	
1230 C	Needle Lever Connecting Rod Tube.	12
	Needle Lever Connecting Rod Tube Nut, left thread, No. 15430 C.	
	Needle Lever Connecting Rod Tube Nut, right thread, No. 15430 D.	
1230 D	Needle Lever Connecting Rod Bearing Valve.	6
1248	Feed Crank Link Shim.	7
1275 A	Needle Lever Stud, standard diameter.	12 ^{\$} 2.80
1275 E	Needle Lever Stud, plus size on <i>frame</i> section, viz.; .001, .002, .003, .006, .012, .018 inch; specify plus amount. Example; 1275 E-003 represents a stud plus .003 inch on <i>frame</i> section.	—
1275 F	Needle Lever Stud, plus size on <i>lever</i> section, viz.; .001, .002, .003, .006 inch; specify plus amount. Example; 1275 F-003 represents a stud plus .003 inch on <i>lever</i> section.	—
1275 H	Needle Lever Stud, plus size equal on <i>each</i> section, viz.; .001, .002, .003, .006 inch; specify plus amount. Example; 1275 H-003 represents a stud plus .003 inch on <i>each</i> section.	—
1275 J	Needle Lever Stud, plus size unequal on <i>each</i> section, viz.; (.001, .002) (.001, .003) (.001, .006) (.002, .001) (.002, .003) (.002, .006) (.003, .001) (.003, .002) (.003, .006) (.006, .001) (.006, .002) (.006, .003) (.012, .001) (.012, .002) (.012, .003) (.012, .006) (.018, .001) (.018, .002) (.018, .003) (.018, .006). Specify plus amounts arranged <i>frame</i> section first and <i>lever</i> section last. Examples; 1275 J-003-006 represents a stud plus .003 inch on <i>frame</i> section and .006 inch on <i>lever</i> section. 1275 J-006-003 represents a stud plus .006 inch on <i>frame</i> section and .003 inch on <i>lever</i> section.	—
	Needle Lever Stud Screw No. 22586.	
	Needle Lever Stud Felt No. 15430 L. Note: Before lapping the bearing of a needle lever and a needle lever stud, remove the felt from the stud and replace it after the lapping compound has been washed out.	

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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. Refer to pink insert for prices.	Plate No.
1280	Looper Rocker Stud Nut.....	7
1286	Needle Lever Link Pin Assembly, internal oiling, hardened and ground, one each Nos. 1286 A, 1286 B, 12964 C, 22560; also for No. 15741.....	11
1286 A	Needle Lever Link Pin.....	11
	Needle Lever Link Pin Set Screw, upper, No. 78.	
	Needle Lever Link Pin Set Screw, lower, No. 22743.	
	Needle Lever Link Pin Ball No. 12964 C.	
1286 B	Needle Lever Link Pin Ball Spring.....	6
	Needle Lever Link Pin Ball Spring Screw No. 22560.	
1349 A-0	Tension Spring, .016 inch diameter wire, for looper thread	6
1349 A-4	Tension Spring, .036 inch diameter wire, for needle thread	6
1361 A	Presser Spring Pin.....	6
1362	Main Shaft Sleeve Pin, length over all $1\frac{1}{2}$ inches.....	6
2305 P	Main Feed Dog, for Styles 15700 C, 15700 D.....	2
	Main Feed Dog Screw No. 90.	
2306	Feed Lift Eccentric, ground, for Styles 15700 C, 15700 D, 15700 E.....	11
	Feed Lift Eccentric Screw No. 96.	
2324 P	Throat Plate, for Style 15700 C.....	1
2324 Q	Throat Plate, for Style 15700 D.....	1
	Throat Plate Screws No. 87.	
2326 P	Differential Feed Dog, for Styles 15700 C, 15700 D.....	2
	Differential Feed Dog Screw No. 22585.	
2332	Main Feed Bar, for Styles 15700 C, 15700 D, 15700 E...	13
	Main Feed Bar Screws No. 88.	
2333	Feed Bar Prong and Sponge, for Styles 15700 C, 15700 D, 15700 E.....	10
	Feed Bar Prong Screws No. 94.	
2334	Differential Feed Bar Link, for Styles 15700 C, 15700 D, 15700 E.....	2
	Differential Feed Bar Link Screw No. 97.	
	Differential Feed Bar Link Stud No. 15446 C.	
2335	Differential Feed Bar, for Styles 15700 C, 15700 D, 15700 E.....	10
2338	Main Shaft Sleeve, $1\frac{1}{4}$ inches long, for Styles 15700 C, 15700 D, 15700 E.....	7
2341	Upper Toggle, $\frac{5}{8}$ inch blade, sides bevelled equal, minimum width of seam $\frac{7}{16}$ inch, for Styles 15700 B, 15700 D...	9
2343	Upper Toggle, $\frac{3}{4}$ inch blade, two teeth, minimum width of seam $\frac{1}{8}$ inch, for Styles 15700 B, 15700 D.....	9
2343 A	Upper Toggle, $\frac{3}{4}$ inch blade, two teeth, double cutting edges, minimum width of seam $\frac{1}{8}$ inch, for Styles 15700 B, 15700 D.....	9
2345	Upper Toggle, $\frac{3}{4}$ inch blade, minimum width of seam $\frac{1}{8}$ inch, for Styles 15700 B, 15700 D.....	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. Refer to pink insert for prices.	Plate No.
2349	Upper Toggle, $1\frac{1}{8}$ inch blade, minimum width of seam $\frac{1}{8}$ inch, flat surface in front of notch, for Styles 15700 B, 15700 D.....	9
2349 A	Upper Toggle, $1\frac{1}{8}$ inch blade, minimum width of seam $\frac{1}{8}$ inch, for Styles 15700 B, 15700 D.....	9
2355	Upper Toggle Screw No. T22. Lower Toggle, $\frac{7}{8}$ inch blade, for Styles 15700 B, 15700 D Lower Toggle Screw No. T12.	9
2366 B	Trimmer Pitman Assembly, for Styles 15700 A, 15700 B, one each Nos. 2366 C, 2366 D and two No. 87 U....	2
2366 C	Trimmer Pitman, front section, for No. 2366 B.....	—
2366 D	Trimmer Pitman, rear section, for No. 2366 B.....	—
2366 E	Trimmer Pitman Assembly, for Styles 15700 C, 15700 D, 15700 E, one each Nos. 2366 F, 2366 G and two No. 87 U.....	2
2366 F	Trimmer Pitman, front section, for No. 2366 E.....	—
2366 G	Trimmer Pitman, rear section, for No. 2366 E.....	—
2375 A	Trimmer Pitman Screws No. 87 U.	
2394	Toggle Grinder Assembly.....	18
2395	Trimmer Clamp Screw.....	5
2538	Trimmer Clamp Lever.....	12
4517	Trimmer Clamp Lever Screw No. 22572.	
4933	Presser Spring Rest Support Collar.....	7
5144	Presser Spring Rest Support Collar Screw No. 88.	
† 6038	Needle Bar, hardened and ground.....	11
† 6039	Needle Bar Set Screws No. 88.	
6207 B	Toggle Grinder Tilting Shaft Collar.....	11
6208 B	Toggle Grinder Tilting Shaft Collar Screw No. 88.	
7947	Differential Feed Bar Link Stud Nut.....	7
9932	Looper Connecting Rod Ball Joint Assembly, left.....	8
11261 A	Looper Connecting Rod Ball Joint Assembly, right.....	8
11261 B	Looper Connecting Rod Ball Joint Screws No. 97 A.	
11638 F	Looper Connecting Rod Ball Joint Nut No. 18.	
11638 M	Looper, with guard.....	1
12955	Looper, without guard, otherwise same as No. 6207 B....	1
12964 C	Looper Set Screw No. 22565.	
	Feed Crank Link Screw Lock Nut.....	7
	Feed Bar Shoe, hardened and ground.....	10
	Feed Bar Shoe Screw No. 94.	
	Tension Post, for needle thread.....	5
	Tension Post Ferrule, hardened.....	5
	Pulley Guard Stud.....	4
	Toggle Grinder Turn Table Pivot Stud Nut.....	7
	Hand Lifter.....	10
	Hand Lifter Stud No. 86.	
	Needle Lever Link Pin Ball.....	6

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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. Refer to pink insert for prices.	Plate No.
12987 A	Looper Rocker Cone Adjusting Nut.....	7
12997 A	Looper Thread Take-up Eyelet Holder Pivot Stud.....	4
14544	Differential Feed Bar Shaft, hardened and ground, $3\frac{9}{16}$ inches long, for Styles 15700 C, 15700 D, 15700 E....	11
14649	Feed Rocker Shaft Collar, for Styles 15700 C, 15700 D, 15700 E.....	11
	Feed Rocker Shaft Collar Screws No. 88.	
15430 C	Needle Lever Connecting Rod Tube Nut, upper, left thread	7
15430 D	Needle Lever Connecting Rod Tube Nut, lower, right thread.....	7
15430 L	Needle Lever Connecting Rod Tube Nut; also for Nos. 1275 A, 1275 E, 1275 F, 1275 H, 1275 J.....	14
‡ 15430 M	Needle Lever Connecting Rod Lower Bearing.....	12
	Needle Lever Connecting Rod Lower Bearing Screws No. 22587.	
15431	Needle Lever Buffer, wood fibre.....	8
15432	Needle Lever Ball, hardened.....	5
15433	Needle Lever Ball Lock Nut.....	7
15434	Needle Lever Eccentric and Balance Weight.....	12
	Needle Lever Eccentric Spot Screw No. 81.	
	Needle Lever Eccentric Set Screw No. 95.	
15435 B	Needle Lever Thread Guide.....	8
	Needle Lever Thread Guide Screw No. 98 A.	
15436	Renewable Bearing, for needle bar.....	7
	Renewable Bearing Clamp Screw No. 22569.	
15437 A	Needle Bar Connection Assembly, one each Nos. 15438 C, 15438 D, 15438 H, 15438 J and two No. 15438 B....	2
15438 B	Needle Bar Thread Nipper Disc, hardened.....	6
15438 C	Needle Bar Thread Nipper Spring.....	6
15438 D	Needle Bar Thread Nipper Stud.....	4
15438 H	Needle Bar Connection.....	10
	Needle Bar Connection Screws No. 88.	
15438 J	Needle Bar Thread Nipper Guide.....	10
15446 C	Differential Feed Bar Link Stud, hardened and ground....	6
	Differential Feed Bar Link Stud Nut No. 5144.	
15459	Presser Spring.....	12
15465 F	Looper Rocker Cone, hardened and ground.....	7
	Looper Rocker Cone Screws No. 88.	
15491 A	Frame Thread Eyelet, for looper thread.....	10
	Frame Thread Eyelet Screw No. 22560 A.	
15492	Tension Post, for looper thread.....	5
15595 A	Needle Thread Controller Rack.....	8
	Needle Thread Controller Rack Screw No. 22519.	
‡ 15701	Cloth Plate Assembly, for Styles 15700 C, 15700 D.....	17
‡ 15701 B	Cloth Plate Assembly, for Styles 15700 A, 15700 B.....	17

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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. Refer to pink insert for prices.	Plate No.
‡ 15701 E	Cloth Plate Assembly, for Style 15700 E..... Cloth Plate Screws No. 22574. Cloth Plate Screw, fillister head, No. 93. Cloth Plate Spring Latch No. 380. Cloth Plate Spring Latch Screw No. 22564.	17
15714	Looper Eccentric, hardened and ground..... Looper Eccentric Spot Screw No. 96. Looper Eccentric Set Screw No. 22580.	11
15715	Needle Lever.....	15
15720	Presser Foot, for Style 15700 E..... Presser Foot Clamp Screw No. 91.	1
15720 AA	Shank, including hinge pin and screw, for presser foot No. 15720.....	—
15722	Main Shaft, hardened and ground, standard diameter .530 inch.....	15
15724 E	Throat Plate, for Style 15700 E..... Throat Plate Screws No. 87.	1
15731	Presser Bar, hardened and ground, standard diameter .319 inch.....	11
15731-322	Presser Bar, standard diameter plus .003 inch.....	—
15731-325	Presser Bar, standard diameter plus .006 inch.....	—
15731-328	Presser Bar, standard diameter plus .009 inch.....	—
15735	Cloth Plate Guard..... Cloth Plate Guard Screws No. 90.	13
15737	Balance Weight Guard.....	13
15738	Balance Weight Guard Screws No. 94. Main Shaft Sleeve, 1 $\frac{1}{8}$ inches long, for Styles 15700 A, 15700 B.....	11
‡ 15740	Looper Eccentric Connecting Rod..... Looper Eccentric Connecting Rod Screws No. 22755. Looper Eccentric Connecting Rod Plug Screw No. 22586.	10
15741	Looper Eccentric Connecting Rod Link..... Looper Eccentric Connecting Rod Link Clamp Screw No. 93. Looper Eccentric Connecting Rod Link Pin No. 1286. Looper Eccentric Connecting Rod Link Pin Set Screw No. 77.	10
15745 A	Looper Rocker Frame.....	13
15745 B	Looper Rocker Frame Screw No. 88. Looper Rocker Cone Stud, hardened and ground..... Looper Rocker Cone Stud Nut No. 1280.	5
15746	Looper Rocker Frame Shaft, right, hardened and ground, standard diameter .407 inch.....	11
15746-410	Looper Rocker Frame Shaft, standard diameter plus .003 inch.....	—
15746-413	Looper Rocker Frame Shaft, standard diameter plus .006 inch.....	—

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15747	Looper Rocker Frame Shaft, left, hardened and ground, standard diameter .407 inch.	11
15747-410	Looper Rocker Frame Shaft, standard diameter plus .003 inch.	—
15747-413	Looper Rocker Frame Shaft, standard diameter plus .006 inch.	—
15752	Looper Thread Nipper Spring Operating Arm.	6
	Looper Thread Nipper Spring Operating Arm Set Screw No. 88.	
15753	Looper Thread Nipper Spring Support; also for No. 15754 B	8
	Looper Thread Nipper Spring Support Screw No. 22517.	
15754 A	Looper Thread Take-up Eyelet.	8
	Looper Thread Take-up Eyelet Screw No. 22593.	
	Frame Looper Thread Guide Pin, obsolete, No. 426 A.	
15754 B	Looper Thread Take-up Eyelet Holder.	10
	Looper Thread Take-up Eyelet Holder Pivot Stud No. 12997 A.	
	Looper Thread Take-up Eyelet Holder Stop Screw No. 22791.	
	Looper Thread Take-up Eyelet Holder Stop Screw Lock Nut No. 249.	
15755	Looper Thread Take-up Eyelet Spring.	10
	Looper Thread Take-up Eyelet Spring Screw No. 94.	
15760	Cast-off Wire Stand.	10
	Cast-off Wire Stand Screw No. 136.	
15765	Trimmer Bracket, for Style 15700 E; also for assembly No. 29439 B.	13
15765 A	Trimmer Bracket, for Styles 15700 A, 15700 B, 15700 C, 15700 D; also for assembly No. 29439 C.	13
15766	Trimmer Stand; also for assemblies Nos. 29439 B, 29439 C	13
	Trimmer Stand Adjusting Screw No. 15773.	
15767	Trimmer Bracket Brace, left.	2
15768	Trimmer Bracket Brace, right.	2
	Trimmer Bracket Brace Clamp Screw No. 97.	
	Trimmer Support Screw, upper, No. 22560 A.	
15769	Upper Toggle Adjusting Wedge Nut.	7
15770	Upper Toggle Adjusting Wedge Guide Pawl.	8
	Upper Toggle Adjusting Wedge Guide Pawl Screw No. T22.	
15771	Upper Toggle Adjusting Wedge Guide Pawl Spring.	6
15772	Upper Toggle Adjusting Wedge Guide Pawl Pin.	6
15773	Trimmer Stand Adjusting Stud.	5
15774	Trimmer Stand Adjusting Stud Support.	8
	Trimmer Stand Adjusting Stud Support Screw No. 22596.	
15775	Lower Toggle, circular bottom notch, for Style 15700 E using upper toggle No. 15776.	—
	Lower Toggle Screw No. T12.	

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15776	Upper Toggle, curved heel, length of cutting edge 1 inch, minimum width of seam $\frac{1}{8}$ inch, for Style 15700 E using lower toggle No. 15775.	—
15776 A	Upper Toggle, for Style 15700 E.	9
† 15780	Upper Toggle Screw No. T22. Needle Thread Controller Lever Assembly.	10
15785	Needle Thread Controller Lever Assembly Screw No. 141.	8
15790	Oil Cup, for right-hand main shaft bearing.	8
15790 A	Renewable Bearing, ground, length over all $1\frac{3}{4}$ inches, for left main shaft bearing.	11
15791	Renewable Bearing, ground, length over all $\frac{3}{2}$ inch, for middle main shaft bearing.	11
15805 D	Upper Toggle Adjusting Wedge, for Styles 15700 A, 15700 B, 15700 C, 15700 D.	6
15826 D	Upper Toggle Adjusting Wedge Nut No. 15769.	2
15831 C	Main Feed Dog, for Style 15700 E.	2
15838 A	Main Feed Dog Screw No. 90.	2
15839 A	Differential Feed Dog, for Style 15700 E.	2
15864	Differential Feed Dog Screw No. 22585.	15
16195 B	Feed Rocker, for Styles 15700 C, 15700 D, 15700 E.	15
21104 A	Feed Rocker Screws No. 88.	13
21104 B-11	Differential Feed Bar Guiding Yoke, for Styles 15700 C, 15700 D, 15700 E.	13
21113 A	Differential Feed Bar Guiding Yoke Screws No. 94.	6
21130 A-2	Differential Feed Bar Link Screw Pin, for Styles 15700 C, 15700 D, 15700 E.	6
21145	Looper Connecting Rod, length over all $5\frac{11}{16}$ inches Looper Connecting Rod Nut, left thread, No. 269. Looper Connecting Rod Nut, right thread, No. 18.	11
	Main Shaft Sleeve, $\frac{7}{8}$ inch long.	7
	Renewable Bearing, ground, length over all $2\frac{3}{4}$ inches, for right-hand main shaft bearing.	11
	Thread Stand Base.	17
	Thread Stand Base Screw No. 22509.	14
	Thread Stand Rod, 11 inches long.	14
	Thread Stand Rod Set Screw No. 22509.	11
	Thread Stand Wire Extension, 6 inches long.	11
	Thread Stand Wire Extension Set Screw, headless, 24 threads to inch, No. 22813.	24
	Thread Stand Wire Extension Set Screw, square head, 24 threads to inch, No. 22632 F-24.	24
	Thread Stand Wire Coupling.	7
	Thread Stand Wire Coupling Set Screws No. 88.	88
	Thread Stand Seat, two spools.	17
	Thread Stand Seat Set Screw No. 69 FD.	69
	Wooden Cone, for thread stands.	12

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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. Refer to pink insert for prices.	Plate No.
21201	Screw Driver round steel, diameter $\frac{5}{32}$ inch, length over all $7\frac{5}{8}$ inches.....	16
21202	Screw Driver, round steel, diameter $\frac{7}{32}$ inch, length over all 10 inches.....	16
21203	Screw Driver, round steel, diameter $\frac{7}{32}$ inch, length over all 13 inches.....	16
21204	Screw Driver, round steel, diameter $\frac{1}{4}$ inch length over all 15 inches.....	16
21205	Screw Driver, octagon steel, diameter $\frac{5}{16}$ inch, length over all $14\frac{1}{2}$ inches.....	16
21206	Screw Driver Wrench.....	16
21208	Screw Driver Set, three blades.....	17
21225- $\frac{7}{32}$	Looper Adjusting Gauge, $\frac{7}{32}$ inch measurement.....	1
21261	Leather Belt, flat, 1 inch wide, 63 inches long, including malleable iron belt fastener No. 21350.....	—
21262	Leather Belt, round, $\frac{3}{8}$ inch diameter, 44 inches long, in- cluding wire belt hook No. 21351.....	—
21350	Malleable Iron Belt Fastener, for 1 inch flat belt.....	8
21351	Wire Belt Hook, for $\frac{3}{8}$ inch round belt.....	8
21371 M	Individual Power Table, excludes pulley guard, pitman, belting, transmitter and electric motor; includes treadle	—
21371 T-2	Individual Power Table, includes transmitter, treadles, pulley guard, pitman, belting, $\frac{1}{2}$ H.P. 115 Volt D.C. electric motor. Note: Style of machine must be specified.....	—
21371 T-4	Individual Power Table, equipped with $\frac{1}{2}$ H.P. 230 Volt, D.C. electric motor.....	—
21371 T-6	Individual Power Table, equipped with $\frac{1}{2}$ H.P. 110 Volt, single phase, 60 cycle A.C. electric motor.....	—
21371 T-8	Individual Power Table, equipped with $\frac{1}{2}$ H.P. 220 Volt, single phase, 60 cycle A.C. electric motor.....	—
21371 T-16	Individual Power Table, equipped with $\frac{1}{2}$ H.P. 220 Volt, three phase, 60 cycle, A.C. electric motor.....	—
21375 C	Pulley Guard Assembly.....	15
21375 D	Pulley Guard.....	—
	Pulley Guard Stud No. 11638 F.	—
21375 E	Pulley Guard Stud Spring Washer.....	—
21375 F	Pulley Guard Base.....	—
21388	Wrench, $\frac{3}{8}$ inch, hardened, for hexagon nuts.....	12
21388 B	Wrench, $\frac{1}{2}$ inch, hardened, for hexagon nuts.....	12
21394	Small Utility Grinder, including emery wheel, 5 inches diameter, $\frac{1}{4}$ inch face, recommended speed 3000 revolu- tions per minute.....	19
21394 G	Emery Wheel, 5 inches diameter, $\frac{1}{4}$ inch face, $\frac{3}{8}$ inch hole	—
21394 H	Emery Wheel, 5 inches diameter, $\frac{1}{2}$ inch face, $\frac{3}{8}$ inch hole	—
21394 K	Grinder, including emery wheel, 5 inches diameter, $\frac{1}{2}$ inch face; recommended speed 3000 revolutions per minute..	—

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. Refer to pink insert for prices.	Plate No.
21680	Iron Base Plate	17
21681	Machine Bed Screw	12
<input type="checkbox"/> 22509	Screw, square head, $\frac{5}{16}$ inch diameter, 18 threads to inch, $\frac{1}{2}$ inch long, for thread stand base; also for No. 21104 B-11	—
22517	Screw, for looper thread nipper spring support.	4
22519	Screw, for thread controller rack.	4
22524	Screw, for cast-off wire.	3
22525	Screw, .010 inch plus size, length over all $\frac{5}{16}$ inch, other- wise same as No. 87.	3
22526	Screw, plus size, diameter $\frac{3}{16}$ inch, for throat plates, tap No. V 109.	3
22539	Plug Screw, $\frac{5}{32}$ inch long, for oiling system	3
22542	Screw, for looper thread nipper springs.	4
22548	Screw, for trimmer pitman bracket.	4
22560	Screw, headless, for needle lever link pin ball spring; also for No. G52.	3
22560 A	Support Screw, upper, for trimmer.	3
22564	Screw, for cloth plate spring latch.	3
22565	Set Screw, headless, for looper.	3
22569	Clamp Screw, for renewable needle bar bearing; also for No. 15.	4
22571	Plug Screw, $\frac{3}{8}$ inch long, for oiling system.	3
22572	Screw, for trimmer clamp lever.	4
22574	Screw, countersunk head, for cloth plates.	3
22575	Screw, for frame slide gib; also for knife clamp stop on toggle grinder.	3
22580	Screw, for looper eccentric; also for No. 1230 B.	3
22585	Screw, for differential feed dogs.	3
22586	Screw, for needle lever stud; also for looper eccentric connecting rod.	3
22586 A	Screw, for needle lever connecting rod bearing valve spring	3
22587	Screw, for needle lever connecting rod bearings.	4
22593	Screw, for looper thread take-up eyelet.	4
<input type="checkbox"/> 22596	Screw, for trimmer stand adjusting stud support.	4
22597	Set Screw, for pulley.	3
22632 F-24	Screw, square head, cup point, $\frac{3}{16}$ inch, diameter, $\frac{3}{8}$ inch long, 24 threads to inch, for thread stand wires; also for No. 21113 A.	4
22743	Screw, for needle lever link pin.	3
22754	Screw, plus size, countersunk head, for cloth plates, tap No. V 118.	—
22755	Screw, for looper eccentric connecting rod.	4
<input type="checkbox"/> 22791	Stop Screw, for looper thread take-up eyelet holder.	5
	Stop Screw Lock Nut No. 249.	
22813	Screw, headless, $\frac{1}{4}$ inch long, $\frac{3}{16}$ inch diameter, 24 threads to inch, for lifter treadle pin.	3

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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. Refer to pink insert for prices.	Plate No.
28606- $\frac{1}{2}$	Powdered Oil Stone, $\frac{1}{2}$ lb. package.....	—
28606-1	Powdered Oil Stone, 1 lb. package.....	—
29130 C	Needle Lever Eccentric and Balance Weight Assembly, one each Nos. 15434 and 15430 M lapped together.....	12
29131 B	Needle Lever Connecting Rod Upper Bearing Assembly, one each Nos. 1230 A and 15432 lapped together, 1230 B, 1230 D, 22586 A.....	12
29144 A	Looper Eccentric Assembly, one each Nos. 15714 and 15740 lapped together.....	—
29185 J	Looper Rocker Assembly, one each Nos. 181, 15465 F and 15745 B lapped together, 6038, 12987 A, and two No. 88.....	—
29325 E	Needle Lever Assembly, one each Nos. 15715 and 1275 A lapped together.....	—
29402	Lifter Treadle Assembly, one each Nos. 422, 423, 424, 22813	15
29439 B	Trimmer stand and Bracket Assembly, for Style 15700 E; one each Nos. 15765, 15766.....	—
29439 C	Trimmer Stand and Bracket Assembly for Styles 15700 A, 15700 B, 15700 C, 15700 D; one each Nos. 15765 A, 15766.....	—
30021	Main Shaft Pulley.....	13
	Main Shaft Pulley Screws No. 22597.	
30036	Pivot Screw, hardened, for cloth plate extension.....	5
30185 A	Toggle Grinder Spindle Renewable Bearing.....	11
	Toggle Grinder Spindle Renewable Bearing Clamp Screw No. G13.	
41078 B	Oil Cup, for main shaft middle bearing and needle lever stud.....	8

