#### INSTRUCTIONS FOR ASSEMBLING ROLLER FEED CLUTCH

The first step is to start with the rear feed cup support No. 41264 E, and attach the intermediate cup feed gear No. 41263 A and bushing No. 41263 B. The next step is to assemble the units of the check clutch to the support. There are two triangular blocks No. 41258 B, both alike, but care must be taken to attach them correctly. The one block is fastened onto the support No. 41264 E by three screws with the part number against the support; when correctly attached, two of the three coil springs which are screwed onto the block, are at the back of the support and the third spring at the front. The loops of the coil springs point in a clockwise direction as they are assembled to the triangular block. The feed cup and the shaft No. 41262 H with front gear attached are inserted into the support. Three clutch rollers No. 41258 are then placed in the clutch sleeve No. 41258 D and while sleeve and rollers are in a vertical position, the support with the triangular block attached, is set down upon the sleeve, one roller on each of the three sides of the triangular block. With the triangular block started into the sleeve, it will be found that the coil springs interfere with the rollers so that it cannot be entered entirely. While entered about half way, with a small tool or screw driver the loops of the coil springs are then pushed forward until they catch behind or inside of the rollers. Occasionally it may be found that the springs will have to be adjusted at the screws where they are attached in order to make them stay behind the rollers. When all three springs are in the same relative position with the rollers, the sleeve can then be pushed on entirely.

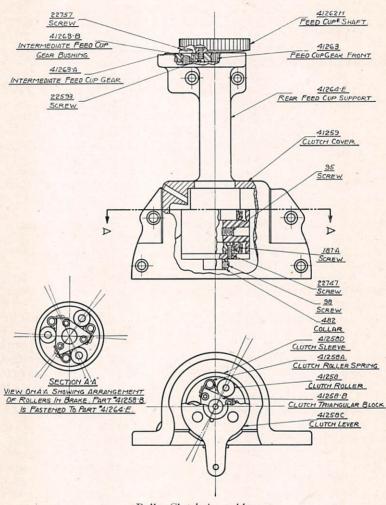
The feed cup and shaft having been placed in position, it is now necessary to fasten it, and this is done by first tightening the screw marked "T" (meaning time spot) on the sleeve, turning the cup slowly with the hand until the flat on the shaft is found and then also tightening the second screw. The driving clutch is now assembled in exactly the same way and method except that the triangular block is assembled onto the clutch lever No. 41258 C with the part number away from the lever and towards the sleeve, onto which it is later assembled, the coil springs falling over the holes in the lever; and also the support with feed cup is now turned upside down with the clutch sleeve on top and the rollers, lever, and triangular block then added. A clamp collar No. 482 is then clamped to the shaft to keep the clutch lever in place. If the collar is forced too tightly against the clutch lever, improper lubrication will result and cause a "squeak." In this case it is only necessary to slightly release the

collar.

The sub-assembly is then attached to the machine assembly. Care should be taken to see that the rear and front cups are on a level where they come together and also that the connecting rod, which drives the clutch, does not interfere with the bed during a complete cycle.

Under ordinary conditions there should be no trouble and therefore no occasion for disassembling the clutch assembly No. 29467. The principal point is to see that plenty of oil is fed into the oil holes provided in the clutch cover No. 41259 and top of

rear feed cup.



## CUP FEED MACHINES

CLASSES

41000

41200

## **ILLUSTRATIONS**

# PRICE LIST OF PARTS FOR REPAIRS ONLY

CATALOG No. 41

## UNION SPECIAL MACHINE COMPANY

General Office, 400 North Franklin Street CHICAGO, ILLINOIS

#### RESIDENT SALESMEN IN ALL PRINCIPAL CITIES

#### BRANCHES-UNITED STATES

**NEW YORK** CINCINNATI PHILADELPHIA MINNEAPOLIS

BOSTON

ST. LOUIS SAN FRANCISCO

#### BRANCHES—FOREIGN

Union Special Machine Co., of Canada, Ltd., Toronto, Canada Union Special Machine Co., of Canada, Ltd., Montreal, Canada Union Special Machine Corp., of America, Paris, France Union Special Machinenfabrik, G. M. B. H., Stuttgart, Germany

#### FOREIGN DISTRIBUTORS AND SERVICE BRANCHES

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CARLOS KERR, SANTOS, BRAZIL

ASIATIC TRADING CO., LTD., HONG KONG, R. H. WILSON, WELLINGTON, NEW ZEA-

J. BOTELLO, HAVANA, CUBA

T. H. STRINGER, LEICESTER, ENGLAND SOCIETE MARITIME & COMMERCIALE DU PACIFIC, SAIGON, FRENCH INDO CHINA EDMUNDO ARTZT, BARCELONA, SPAIN

SOUTH AMERICAN SHOE SUPPLY CO., BUENOS AIRES, ARGENTINE REPUBLIC

H. S. GRAY CO., HONOLULU, HAWAIIAN ISLANDS

FORSYTH, PIZZEY & GATES, LTD., SYDNEY, J. M. DE LA PENA, MEXICO CITY, MEXICO AUSTRALIA (SHOE MACHINES) PIZZEY McCREA, LTD., AUCKLAND, NEW ZEALAND (SHOE MACHINES)

LAND

THURLOW & CO., ILOILO, PHILIPPINE ISLANDS

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## IMPORTANT NOTICE TO CUSTOMERS

The parts listed in this catalog are furnished at list prices for repairs only.

Attention is hereby called to the fact that many of said parts are subjects of patents, or enter into patented combinations, and that in furnishing these parts at list prices we only license their use for repairing machines of our own make, in their original condition.

Notice is hereby given that the sale of such parts by the purchaser, or the use thereof for changing over machines from one style to another, or for any other than **bona fide** repair purposes, is an infringement, for which the seller or user will be liable to prosecution.

#### CONTENTS

The matter of this catalog relates only to the Styles of machines in Classes 41000 and 41200, listed on the following page, and cannot be applied to other styles. Power transmitter parts are listed in a separate catalog, known as Catalog No. 29, copies of which will be supplied on request.

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Utility Grinder, No. 21394, Illustration	of										7

#### DESCRIPTION OF MACHINES

All machines have both a Class Number and a Style Number. The Class Number is stamped in the name plate attached to each machine. It represents a general type of machines, which is subdivided into several styles.

The Style Number is the Class Number with a letter added and is only used in the catalog. It represents a machine fitted to perform a specific operation.

#### **CLASS 41000**

## Cup Feed Overseaming Machines, Enclosed Work Space

Style

41000 A-For seaming full fashioned hosiery; needles same length as Type 155.

#### **CLASS 41200**

## Cup Feed Overseaming Machines, Open Work Space

41200 A—For seaming full fashioned hosiery; needles same length as Type 155.

41200 B—For seaming full fashioned sweaters, jerseys, underwear and other garments made from fabric with a tendency to curl on the edge; needles same length as Type 150.

41200 C-For mock seaming hosiery; needles same length as Type 155.

#### NEEDLES

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 packages. An intelligible order would read as follows:

100 Needles, Type 155, Size .032

Machines in Classes 41000 and 41200, covered by this catalog, use Needles Types 150 and 155. See illustrations below. Each illustration shows a full size needle and a magnified view of its point. For additional information see Needle Catalog No. 45. Copy will be forwarded on request.



Type No. 150. Price per M. ..... \$20.50



Type No. 155. Price per M.....\$20.50

Success in the operation of these machines can be assured only by the use of genuine Union Special Needles, as furnished by the Union Special Machine Company. Obviously it is to our interest to maintain the reputation of the machines by furnishing the very best needles obtainable. The genuine needles are put up in packages marked at the top "trade UNION SPECIAL mark." All other needles are bogus.

#### 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 together in the same subdivisions of the mechanism. The scale the illustrations bear to the actual size of the parts is given on each plate.

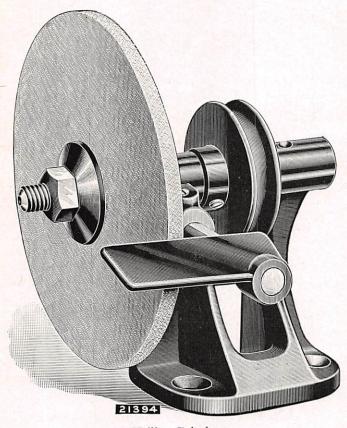
PRICE LIST OF PARTS

Turning from the plates to the price list, the description of each part will be found to give all necessary additional information. Where a part is used on all machines listed in this catalog, no specific use is mentioned in its description. The screws, nuts and washers belonging to each major part are repeated after its description. If two or more parts listed consecutively have the same general description and use the same screws, nuts or washers, they are only repeated after the last major part. All part numbers represent the same part, regardless of the catalog in which they appear.

- (—) A dash in the "Plate Number" column of the price list indicates the absence of an illustration.
- (‡) A double dagger in the "Number to Order by" column indicates that the component parts cannot be furnished separately.

For convenience in ordering, the full number is stamped in each part, where its construction will permit. Other parts are marked with identification letters, which are mentioned in the descriptions on the price list pages. If customers furnish the number stamped in a piece, errors will be avoided and we will be enabled promptly to duplicate the desired part. If only an identification letter is furnished, it should be accompanied with a general description of the part. All supplies, including belting, belt fasteners, taps, reamers, screw drivers, and powdered oilstone, will be promptly furnished.

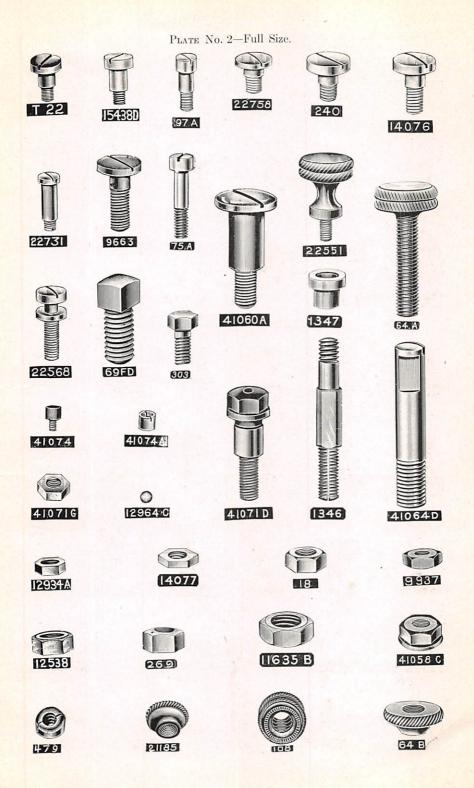
TERMS Attention is directed to our established practice. Prices are strictly net cash. All goods are carefully packed and forwarded at buyer's risk f. o. b. shipping point. We cannot be responsible for delivery of packages shipped by parcel post, except when they are registered or insured. Where customer requests that a mail shipment be registered or insured, it will be complied with; failing this we reserve the right to use our own discretion. Regular parcel post rates and insurance, if any, will be charged on all mail shipments. Prices are subject to change without notice.



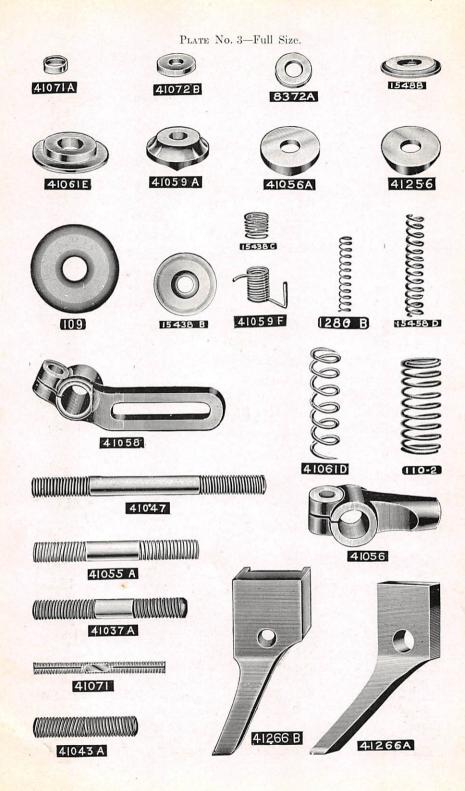
Utility Grinder



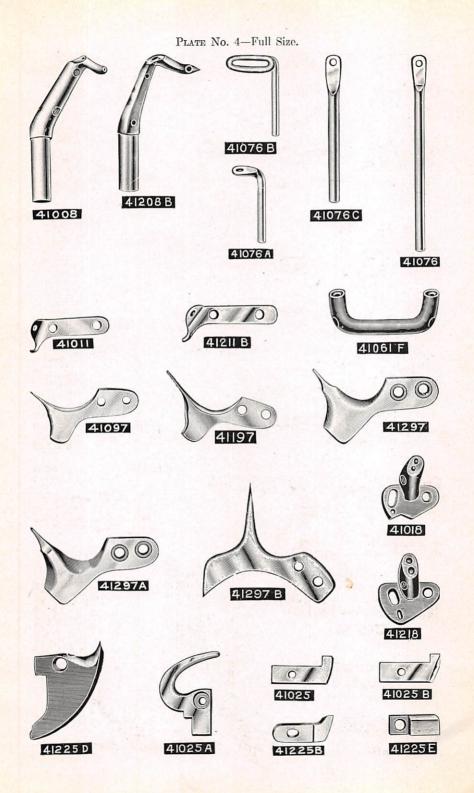
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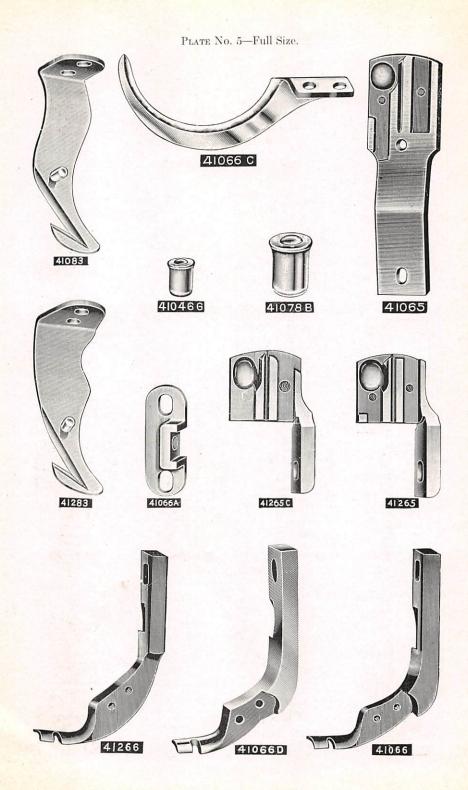
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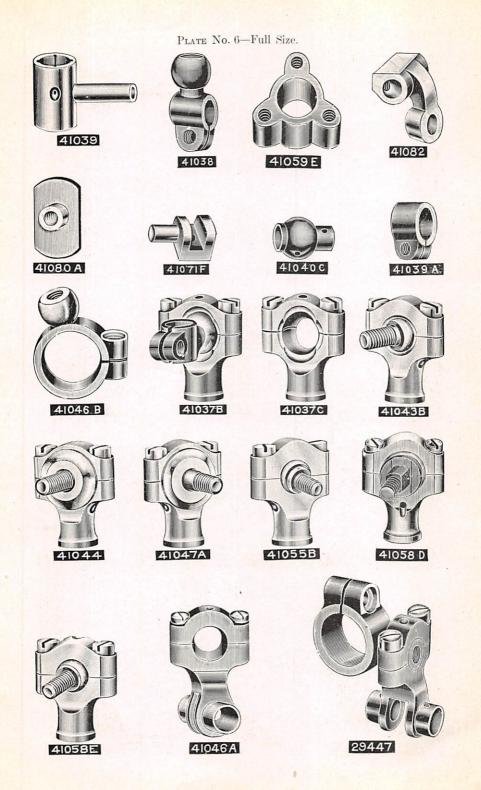
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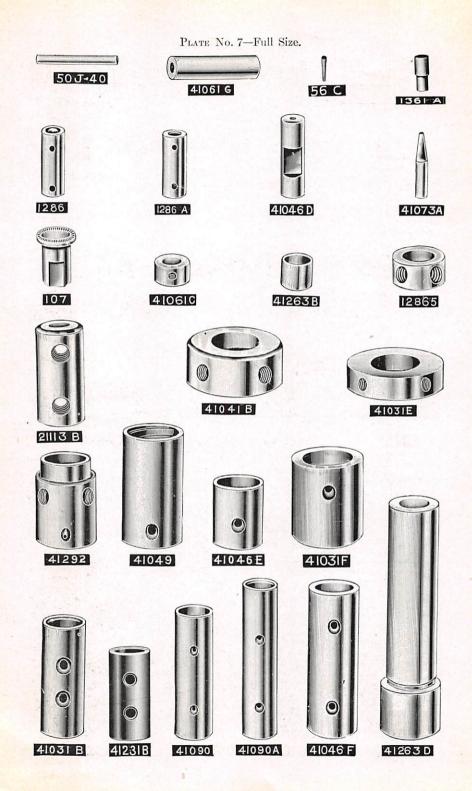
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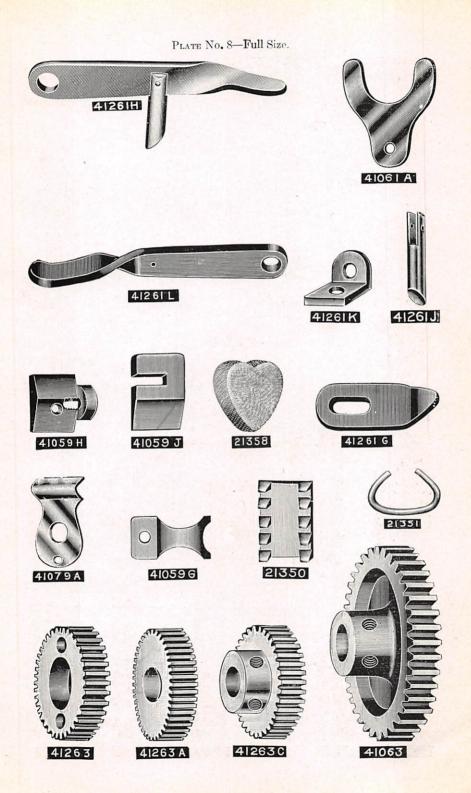
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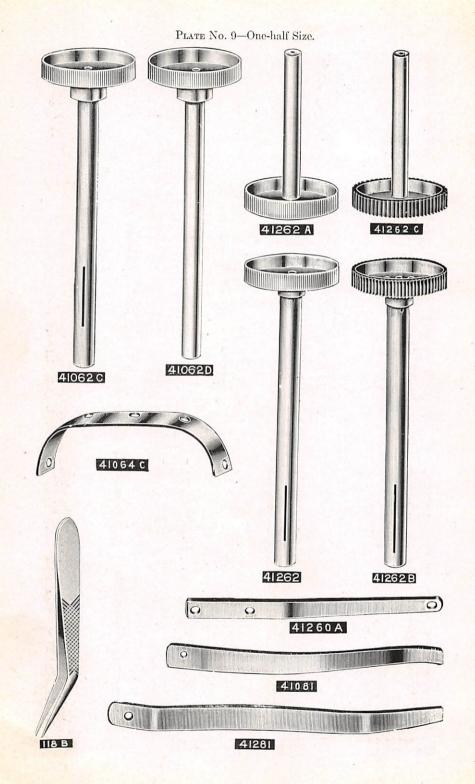
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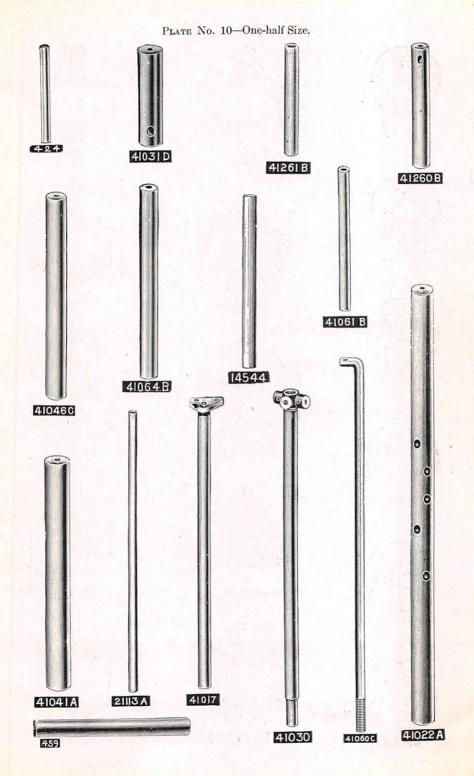
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PLATE No. 11-One-half Size.













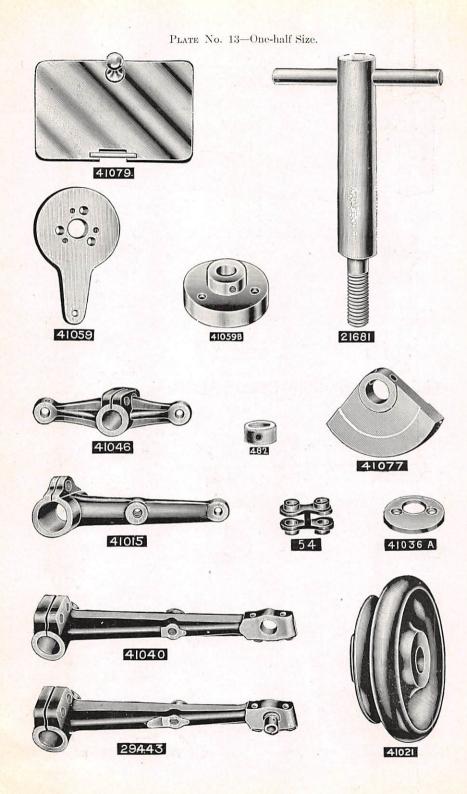




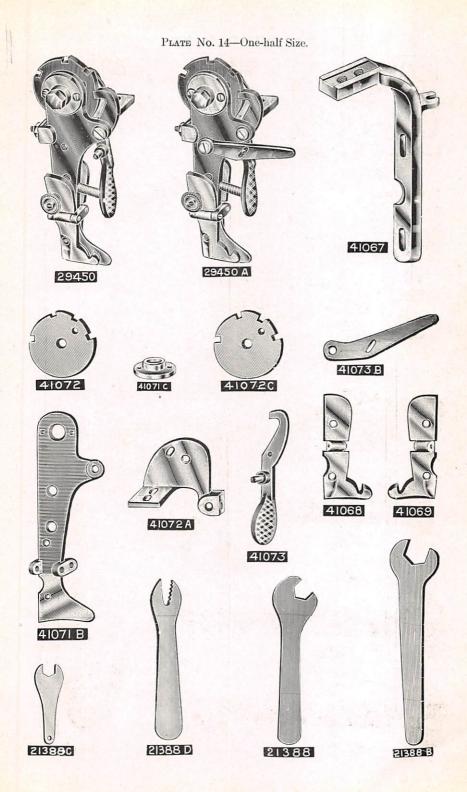


PLATE No. 12—One-half Size. 41264 B 41294 41060 D 41260

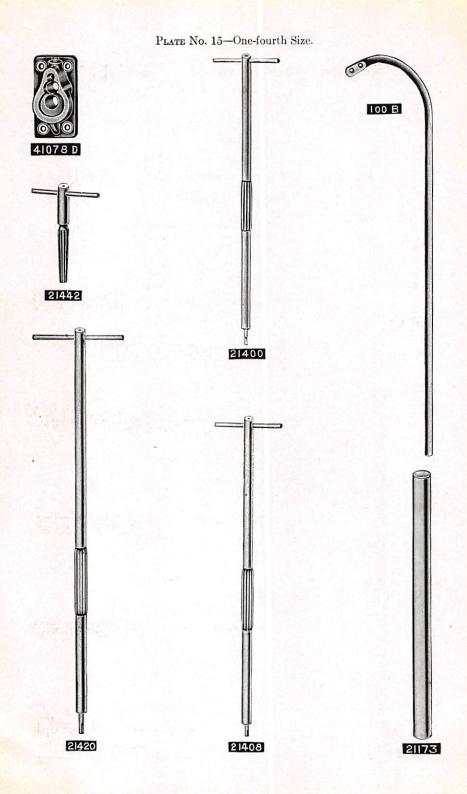
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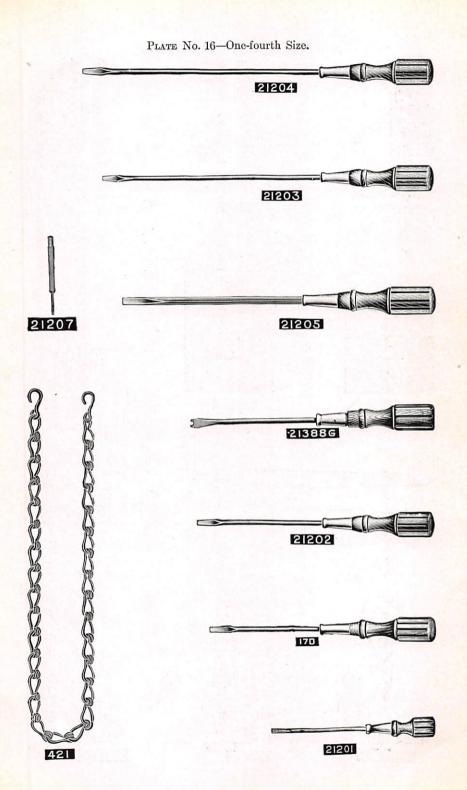
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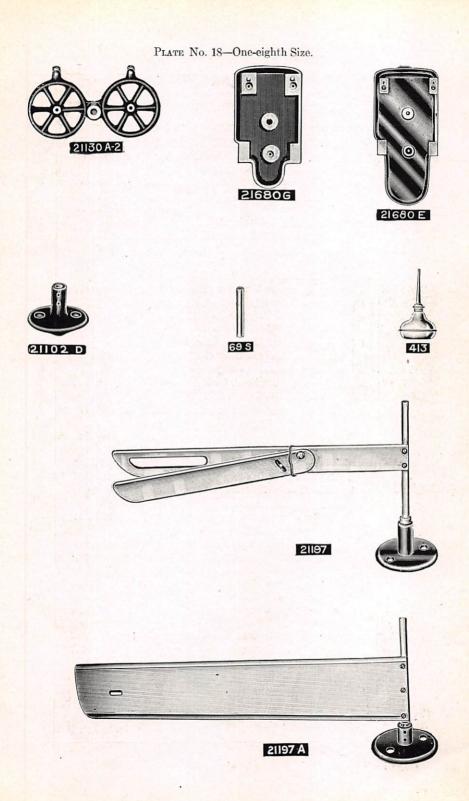
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PLATE No. 17—One-fourth Size. 41064A 41064 E 

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No. to order by	Plate No.	The figures in the second column refer only to the plates illustrating the parts, and are not to be used in ordering. These parts are furnished at list prices for repairs only. See notice on page 2.	Price per part
18	2	Fabric Uncurler Support Stud Nut; also for Nos. 41037 A,	
moo	0	41043 A, 41047, 41047 A and 41055 A  " Locking Lever Stud	\$0 20 08
T22 28 C	2	Set Screw, for needle; also for Nos. 41061 C, 41076 A and	08
28 0	1	41076 B	06
50 J-40	7	Tension Thread Guide Pin (length overall <sup>13</sup> / <sub>16</sub> inch)	10
54	13	Needle Bar Link (hardened)	1 50
56 C	7	Tension Release Bell Crank Lever Pitman Pin	08
64 A	2	Presser Spring Regulating Screw	50
64 B	2	" " Screw Lock Nut	20
69 S	18	Spool Pin, for thread stand	20
69 FD	2	Set Screw, square head, for thread stand spool support	04
73 A	1	Screw, for loop retainers; also for Nos. 41025, 41025 A,	
		41025 B, 41097, 41197, 41225 B, 41297 and	
	4	41297 A	10
74	1	" for upper left portion of rear feed cup support on	
		machines in Class 41200; also for No. 41266 B	10
75 A	2	" for eccentric bearings	08
77	1	Set Screw, fillister head, for loopers; also for Nos. 1286 and	
	78	41046 B	06
81	1	" cone end, for eccentrics; also for Nos. 41077 and	
		41277	06
87 U	1	Screw, for front feed cup support joint cover; also for No.	
		41066 C	08
88	1	Set Screw, for needle bar; also for Nos. 100 B, 12865.	
		21113 B, 41017, 41059 B, 41063, 41064 B, 41071 F,	
		41263 C and 41292	06
90	1	Screw, for stitch tongue support bracket	08
93	1	" for stitch regulating arm, also for Nos. 41046, 41056	
	133	and 41261 K	08
93 A	1	" for feed clutch check dog support; also for Nos.	
		41072 A and 41260 A	08
94	1	" for rear cover spring hinge	08
95	1	Set Screw, for eccentrics; also for Nos. 21113 A, 41077 and 41277	06
96	1	" for looper bar yokes; also for Nos. 21173 and	
	100	41260	06
97 A	2	Screw, for ball joints Nos. 41043 B, 41044, 41047 A, 41055 B,	
		41058 D and 41058 E; also for Nos. 41037 B, 41037 C,	
		41040 and 41046 A	08
98	1	Set Screw, for looper bar yoke lever shaft collar; also for	
100 7		Nos. 424 and 41264 A	06
100 B	15	Spool Stand Thread Wire (16 inches long)	20
	150	" Coupling Screw No. 88	06
	-	" " Extension Screw No. 95	06

No. to order by	Plate No.	The figures in the second column refer only to the plates illustrating the parts, and are not to be used in ordering. These parts are furnished at list prices for repairs only. See notice on page 2.	Price per part
107	7	Tension Ferrule.	\$0 12
108	2	" Nut	10
109	3	" Disc (hardened)	10
110-2	3	" Spring (.028 inch wire)	08
118 B	9	Thread Tweezers	40
170	16	Screw Driver, round steel (diameter $\frac{7}{32}$ inch, length overall 9 inches)	60
230	1	Set Screw, for frame thread guides.	10
240	2	Fabric Uncurler Lifter Stud.	20
255	1	Screw, for locating top cover.	20
269	2	Connecting Rod Nut, left thread.	20
303	2	Screw (hexagon head) for tension release operating plate	16
413	18	Oil Can.	20
421	16	Feed Cup Opening Chain (38 inches long)	30
422	17	" " Treadle	40
423	12	" " Treadle Rest	30
424	10	" " Treadle Pin	10
		" " Treadle Pin Set Screw No. 98	06
459	10	Feed Rock Shaft (hardened and ground) size .319	80
479	2	Lock Nut, for looper bar yoke clamp collar stop screw	12
482	13	Collar, for looper bar yoke lever shaft; also for Nos. 41262	
	MAN A	and 41262 B	50
		" Set Screw No. 98	06
531	1	Set Screw, for looper bar yoke shaft collars; also for Nos. 41041 B and 41061 G.	06
605	1	Screw, for needle holders; also for No. 41061 A	10
605 A	1	Set Screw, for fabric uncurler support hub; also for No. 41071	10
719	1	Stop Screw, for looper bar yoke clamp collar; also for regulating opening between feed cups on	
		machines in Class 41200	08
816	1	Screw, for front feed cup support bracket on machines in	
	13.3	Class 41200	30
1286	7	Needle Bar Link Pin (hardened and ground) internal oiling, complete	60
		" " " Set Screw No. 77	06
1286 A	7	" " (hardened and ground) internal oiling, without spring, ball or screw	40
1286 B	3	" " " Spring	08
	188	" " " Spring Screw No. 22560	06
1346	2	Tension Post	40
1347	2	" " Ferrule (hardened)	16
1361 A	7	Presser Spring Pin (length overall 3/8 inch)	06
8372 A	. 3	Tension Release Operating Plate Screw Washer	16
9663	2	Screw, for main shaft bearings	16
9937	2	Nut, for feed clutch lever ball joint	20

No. to order by	Plate No.	The figures in the second column refer only to the plates illustrating the parts, and are not to be used in ordering. These parts are furnished at list prices for repairs only. See notice on page 2.	Price per part
11635 B	2	Nut, for presser spring rest stud on Style 41000 A	\$ 0 3
2538	2	" front, right thread, for needle lever connecting rod No.	
		41043 A; also for Nos. 41043 B and 41044	2
2865	. 7	Collar, for front feed cup support shaft	(
		" Set Screw No. 88	(
2934 A	2	Lock Nut, for feed cup opening lever stop screw	2
2964 C	2	Ball, for needle bar link pin	(
4076	2	Stud, for tension release bell crank lever	2
4077	2	Nut, for tension release bell crank lever pitman	2
14544	10	Feed Cup Rear Gear Shaft (hardened and ground) size .319,	
		for machines in Class 41200	8
5438 B	3	Supplementary Tension Disc (hardened and lapped)	1
5438 C	3	" " Spring	(
5438 D	2	" " Stud	
5458 D	3	Fabric Uncurler Spring; also for No. 41073	(
5488	3	Washer, for needle lever ball joint No. 41043 B	1
21102 D	18	Thread Stand Base	8
21113 A	10	Spool Stand Thread Wire Extension (6 inches long)	
.1110 11	10	" " Thread Wire Extension Set Screw No. 95	(
21113 B	7	" " Thread Wire Coupling	:
orrio D		" " Thread Wire Coupling Screws, No. 88	(
21130 A-2	18	Thread Stand Spool Support, for two spools	1 :
21100 11 2	10	" " Set Screw No. 69 FD	(
21173	15	" " Rod (11½ inches long)	
211.0	10	" " Rod Set Screws No. 96	(
21185	2	Fabric Uncurler Adjusting Nut	
21197	18	Wale Guide, complete, with hinged section, for mock seam-	
21131	10	ing hosiery	15 (
21197 A	18	" complete, for Style 41200 C	15 (
21201	16	Screw Driver, round steel (diameter 5%2 inch)	10
21202	16	" round steel (diameter 732 inch, length overall	
21202	10	10 inches)	
21203	16	" round steel (diameter 7/32 inch, length overall	
21200	10	13 inches)	1 (
21204	16	Screw Driver round steel (diameter 1/4 inch)	1
21205	16	" octagon steel (diameter 5/16 inch)	1
21207	16	" round steel (diameter 564 inch) for needle set	1,
21201	10	screw	
21350	8	Malleable Iron Belt Lacing, for 1 inch flat belt, per dozen	
21350	8	Wire Belt Hook, for $\frac{9}{32}$ inch round belt, per 500	1
21331	0	(½ cent each in quantities less than 500)	1
01950	0	Lubricating Felt Section, for main shaft bearing	
21358 21388	8	Wrench (3/8 inch, hardened) for regulating length of stitch.	
21388 B	14	" (½ inch, hardened)	
21388 C	14	" (9 <sub>32</sub> inch, hardened)	1

-	No. to order by	Plate No.	The figures in the second column refer only to the plates illustrating the parts, and are not to be used in ordering. These parts are furnished at list prices for repairs only. See notice on page 2.	Pri pe par	r
	21388 D	14	Alligator Wrench (hardened) for connecting rods	\$1	00
	21388 G	16	Screw Driver Wrench, for looper bar yoke clamp collar stop		
			screw lock nut	1	00
	21394	_	Utility Grinder (equipped with emery wheel 5 inches dia-		
			meter, 1/4 inch face and 3/8 inch hole) recommended		
			speed 3000 revolutions per minute	7	00
	21394 G	_	Emery Wheel (5 inches diameter, 1/4 inch face and 3/8 inch		00
			hole) for utility grinder	1	00
	21394 H	The same		1	UU
	21031 11		" (5 inches diameter, ½ inch face and 3/8 inch hole) for utility grinder		00
+	21400	15			30
	21400	15	Expansion Reamer, complete, size .257 for needle bar	9	00
Ŧ	21408	15	" complete size .319 for looper bar and		
			feed rock shaft	11	00
ţ	21420	15	" complete, size .407, for looper bar yoke		
			lever shaft	12	00
	21442	15	Taper Reamer, complete, for needle bar link pins; also for		
			No. 41046 D	3	00
	21680 E	18	Machine Base, for Style 41000 A	4	00
	21680 G	18	" for machines in Class 41200	4	
	21681	13	Machine Screw, with cross pin		90
	22517	1	Screw, for fabric uncurler bracket; also for Nos. 41015,		.,,
			41040, 41049, 41061, 41064 E, 41264 and		
			41266 A		10
	22524	1	". cone head, for supplemental tension thread guide;		
			also for No. 41059		10
	22528	1	" for flexible shaft housing brace on machines in Class		
			41200		10
	22539	1	" for lower main shaft bearing oil reservoir		20
	22551	2	Thumb Screw, for top cover		20
	22560	1	Screw, for needle bar link pin spring; also for No. 41292	(	06
	22560 A	1	Stop Screw, for regulating opening between feed cups on		
	22524		Style 41000 A		08
	22561	1	Screw, for feed clutch check dog spring		08
	22564	1	" for looper oscillating-motion eccentric flange		08
	22568	2	for vertical adjustment of fabric uncurler bracket		20
	22569 22572	1 1	Clamp Screw, for bushing in rear needle bar bearing		10
	22575	1	" for looper bar yoke clamp collar		10
	22576	1	Screw, for needle guard holder No. 41065		10
	22585	1	" for stitch tongue supports; also for Nos. 41038,	- 5	12
	000	-	41039 A, 41072, 41072 C, 41265, 41265 B and		
			11000 H, 11012, 11012 C, 11200, 11200 D and		
			41265 C	(	08

<sup>‡</sup> See Page 6.

No. to order by	Plate No.	The figures in the second column refer only to the plates illustrating the parts, and are not to be used in ordering. These parts are furnished at list prices for repairs only. See notice on page 2.	Price per part
22593	1	Screw, for gear No. 41263	\$0 10
22597	1	Set Screw, cone end, for pulleys	06
22731	2	Stud, for feed clutch drive dog spring	10
22732	1	" for fabric uncurlers	10
22738	1	Screw, for stitch tongue No. 41297 B; also for No. 41225 B.	10
22757	1	" for feed cup intermediate gear ferrule on machines in Class 41200	16
22758	2	Stud, for tension release operating arm	16
22768	1	Screw, for chain cutters; also for Nos. 41225 D and 41225 E.	08
29402	17	Assembly, for treadle, Nos. 422, 98, 423 and 424	80
29442	11	" for eccentric, Nos. 41036 and 41037, lapped together	7 50
29442 A	11	" for eccentric, Nos. 41236 and 41037, lapped to-	
29443	13	gether  for lever, Nos. 41040 and 41040 C, lapped to-	7 50
20110	10	gether	5 40
29444	11	" for eccentric, Nos. 41042 and 41043, lapped together	7 50
29445	11	" for eccentric, Nos. 41036 and 41043, lapped together	7 50
29447	6	" for looper bar yoke lever toggle link Nos. 41046 A and 41046 B, lapped together	5 00
29448	11	" for eccentric, Nos. 41050 and 41043, lapped together	7 50
29448 C	11	" for eccentric, Nos. 41250 and 41251 A, lapped together	7 50
29449	11	" for eccentric, Nos. 41055 and 41043, lapped to- gether	7 50
29450	14	Assembly, for fabric uncurler, without lifter; one each Nos. 18, T 22, 88, 22575, 22585, 41068, 41069, 41071, 41071 B, 41071 C, 41071 D, 41071 F, 41071 G, 41072, 41072 A, 41072 B, 41073, 41073A, 41074 and 41074 A; two each Nos. 15458 D, 21185, 22732 and 41071 A; and three No. 605 A	22 00
29450 A	14,	<ul> <li>for fabric uncurler, with lifter; one each Nos. 18, T 22, 88, 240, 22575, 22585, 41068, 41069, 41071, 41071 B, 41071 C, 41071 D, 41071 F, 41071 G, 41072 A, 41072 B, 41072 C, 41073, 41073 A, 41073 B, 41074 and 41074 A; two each Nos. 15458 D, 21185, 22732 and 41071 A; and three No. 605A.</li> </ul>	23 00
41009	4	Looper, for Styles 41000 A, 41200 A and 41200 C	3 90
41008	4	" Set Screw, No. 77	

No. to order by	Plate No.	The figures in the second column refer only to the plates illustrating the parts, and are not to be used in ordering. These parts are furnished at list prices for repairs only. See notice on page 2.	Price per part
41011	4	Loop Retainer (marked X) for Styles 41000 A, 41200 A and	
	1	41200 C	\$0 80
		" Screw No. 73 A	10
41015	13	Needle Lever, without bushing	3 00
11017	10	" Clamp Screw No. 22517	10
41017	10	Needle Bar (hardened and ground) size .257	3 00
41018	4	" " Set Screws No. 88	06
		41200 C	1 70
		Screws No. 605	10
11001		Needle Set Screw No. 28 C.	00
41021	13	Pulley (originally marked CP)	3 50
11000 1		" Set Screws No. 22597	06
41022 A	10	Main Shaft (hardened and ground) size .500	3 50
41025	4	Needle Guard, obsolete, right (marked CE) for Style 41000 A.	50
41025 A	4	" left (marked CF) for styles 41000 A,	
		41200 A and 41200 C	1 40
41025 B	4	" right (marked CV) for Styles 41000 A,	
		41200 A and 41200 C	50
		" Screw No. 73 A	10
41030	10	Looper Bar (hardened and ground), size .319	4 00
41031	17	" Yoke, with bushing No. 41031 B, for Styles 41000 A, 41200 A and 41200 C	8 90
41031 A	_	" Yoke, without bushing	8 00
		" "Yoke Set Screws No. 96	06
41031 B	7	Bushing (1½ inches long) for looper bar bearing on Styles 41000 A, 41200 A and 41200 C.	03
41031 D	10	Looper Bar Yoke Shaft (hardened and ground) size .500	80
41031 E	7	" " Collar; also for No. 41041 A	40
11091 12		" " Collar Set Screws No. 531	06
41031 F	7	Bushing, for looper bar yoke shaft bearings; also for No.	00
110511		41041 A	1 00
41036	11	Looper Oscillating-Motion Eccentric (hardened and ground,	
		originally marked CQ) for Styles 41000 A.	
		41200 A and 41200 C; also looper reciprocat-	
		ing-motion eccentric and feed eccentric on	
		Style 41200 B	2 00
		" Oscillating-Motion Eccentric Spot Screw No. 81	06
		" Oscillating-Motion Eccentric Set Screw No. 95	06
41036 A	13	" Oscillating-Motion Eccentric Flange	50
		" Oscillating-Motion Eccentric Flange Screws No.	
		22564	08

No. to order by	Plate No.	The figures in the second column refer only to the plates illustrating the parts and are not to be used in ordering. These parts are furnished at list prices for repairs only. See notice on page 2.	Price per part
41037	11	Looper Oscillating-Motion Eccentric Bearing (hardened and ground)  " Oscillating-Motion Eccentric Bearing Screws No. 75.2  " Oscillating-Motion Eccentric Bearing Plug Screw No. 22586	\$5 (
41037 A	3	Looper Bar Rocker Connecting Rod (length overall 1½ inches)	8 2
41037 B	6	" Rocker Connecting Rod Nut, left thread No. 26 " Rocker Assembly, Nos. 41037 C and 4103 lapped together	8
41037 C	6	" Rocker Bearing " Rocker Bearing Screws No. 97 A	. 1 2
41038	6	" Rocker	. (
41039	6	" Connection, for reciprocating motion	
41039 A	6	" Connection Collar Clamp Screw No. 22585	
41040	13	" Lever, for reciprocating motion" " Lever Screws No. 97 A" " Lever Clamp Screws No. 22517	4
41040 C	6	" Lever Ball " Lever Ball Screws No. 97 A	
41041 A	10	" Lever Shaft and Needle Lever Pivot Sha (hardened and ground) size .500	. 1
41041 B	7	" Lever Shaft Collar Screws No. 531	
41042	11	Looper Reciprocating-Motion Eccentric (hardened an ground, marked CR)  " " Eccentric Spot Screw No. 8	. 2
		" " Eccentric Set Screw No. 95	
41043	11	" " Eccentric Bearing (hardene and ground) also for eccentrics Nos. 4105	d or
		and 41055 " " Eccentric Bearing Screv No. 75 A	
		" Eccentric Bearing Plug Scre No. 22586	w
41043 A	3	Looper Bar Lever Connecting Rod (length overall 1 incl	
		also needle lever connecting rod	
		" Lever Connecting Rod Nut, right thread, No. 1	
		" Lever Connecting Rod Nut, left thread, No. 26	
	la Ba	Needle Lever Connecting Rod Nut, right thread, No. 125: " " left thread, No. 269.	

<sup>‡</sup> See Page 6.

	No. to order by	Plate No.	The figures in the second column refer only to the plates illustrating the parts, and are not to be used in ordering. These parts are furnished at list prices for repairs only. See notice on page 2.	Price per part
‡	41043 B	6	Needle Lever Ball Joint	\$2 50
			" Ball Joint Stud Washer No. 15488	16
			" Ball Joint Screws No. 97 A	08
		18.00	" Ball Joint Stud Nut No. 12538	
‡	41044	6	Looper Bar Lever Ball Joint, with washer, for reciprocating-	20
		1	motion	2 50
			Lever Dan Joint Screws No. 97 A.	08
	11010		Lever Ball Joint Stud Nut No. 12538.	20
	41046	13	Toke Lever	3 50
100		-	10ke Lever Clamp Screws No. 93	08
‡	41046 A	6	" Yoke Lever Toggle Link	2 20
			" Yoke Lever Toggle Link Screws No. 97 A	08
	41046 B	6	" "Yoke Clamp Collar	1 70
			" Yoke Clamp Collar Screw No. 22572	10
			" Yoke Clamp Collar Stop Screw No. 719	08
		100	" "Yoke Clamp Collar Stop Screw Lock Nut	.00
			No. 479	12
	41046 C	10	" Yoke Lever Shaft (hardened and ground) size	-12
			.407	80
	41046 D	7	" Yoke Lever Toggle Link Pin (hardened and	80
			ground)	00
			" Yoke Lever Toggle Link Pin Set Screw No. 77	30
	41046 E	7	Bushing, right, for looper bar yoke lever shaft bearing	06
	41046 F	7	" left for leaver ber voke lever snart bearing	90
	41046 G		" left, for looper bar yoke lever shaft bearing	1 10
	41040 G	5	Oil Hole Cover, for looper bar yoke shafts; also for	
	11017		No. 41041 A	20
0.5	41047	3	Looper Bar Yoke Lever Connecting Rod (length overall $2\frac{3}{8}$	
			inches)	40
			" " " Connecting Rod Nut, right thread,	
	S. A. Philip		No. 18	20
			" " " Connecting Rod Nut, left thread,	
			No. 269	20
‡ 4	41047 A	6	" " Ball Joint, with washer	2 50
			" " " Ball Joint Screws No. 97 A	08
			" " " Ball Joint Stud Nut No. 18	20
4	41049	7	Needle Lever Bushing (hardened and ground)	1 30
4	11050	11	" Eccentric; also looper bar yoke lever eccentric	1 50
		-		
			1 1 CG) 6	
			marked CS) for Styles 41000 A, 41200 A and 41200 C	0.00
4	11055	11	Feed Eccentric (hardened and ground, originally marked	2 00
-	11000	11	CT) for Styles 41000 A 41000	
		T E	CT), for Styles 41000 A, 41200 A and	
		481	41200 C	2 00
			" Spot Screw No. 81	06
		-	" Set Screw No. 95	06

<sup>‡</sup> See Page 6.

No. to order by	Plate No.	The figures in the second column refer only to the plates illustrating the parts, and are not to be used in ordering. These parts are furnished at list prices for repairs only. See notice on page 2.	Price per part
41055 A	3	Feed Rocker Arm Connecting Rod (length overall 111/16 inches) also feed clutch lever con-	
	20		\$0 30
	188	" " Connecting Rod Nut, right thread, No. 18	2
		" " Connecting Rod Nut, left thread, No. 269	2
41055 B	6	" " Ball Joint	2 5
		" " Ball Joint Screws No. 97 A	0
41056	3	" " " Upper	1 5
-		" " Clamp Screw No. 93	C
41056 A	3	" " Ball Joint Washer, for Styles 41000 A,	
-		41200 A and 41200 C	3
41058	3	Stitch Regulating Arm	2 5
		" " Clamp Screw No. 93	(
41058 C	2	" " Ball Joint Stud Nut	4
41058 D	6	" " Ball Joint	2 7
		" " Ball Joint Screws No. 97 A	(
41058 E	6	Feed Clutch Lever Ball Joint	2 8
		" Lever Ball Joint Screws No. 97 A	(
		" Lever Ball Joint Stud Nut No. 9937	2
41059	13	" " Lever	1:
41059 A	3	" Lever Ball Joint Stud Washer	:
41059 B	13	" " Grip Wheel	3 8
		" " Grip Wheel Set Screws No. 88	(
41059 E	6	" " Drive Dog Holder	1 8
		" " Drive Dog Holder Screws No. 22524	
41059 F	3	" " Drive Dog Spring	:
	-11	" " Drive Dog Spring Stud No. 22731	
41059 G	8	" " Check Dog Spring	5
11000 0		" " Check Dog Spring Screw No. 22561	(
41059 H	8	" " Check Dog Support	1 (
11000 11		" Check Dog Support Screw No. 93 A	. (
41059 J	8	" " Drive Dog; also feed clutch check dog	
41060	17	Feed Cup Opening Lever; also tension release lever for	
11000	-	Style 41000 A	2
41060 A	2	" " " Stud (hardened)	
41060 C	10	Tension Release Bell Crank Lever Pitman, for Style 41000 A	
11000 0	10	" " Crank Lever Pitman Nuts No. 14077.	
		" " Crank Lever Pitman Pin No. 56 C	
41060 D	12	" " Crank Lever, for Style 41000 A	1
11000 1	12	" " Crank Lever Stud No. 14076	
41061	12	Tension Bracket.	3
11001	12	" " Screw No. 22517	
41061 A	8	Tension Release Forked Arm	
11001 A	0	" " Screw No. 605	
41061 B	10	Tension Release Bar (hardened and ground) size .200 for	
TIOULD	10	Style 41000 A	1

<sup>‡</sup> See Page 6.

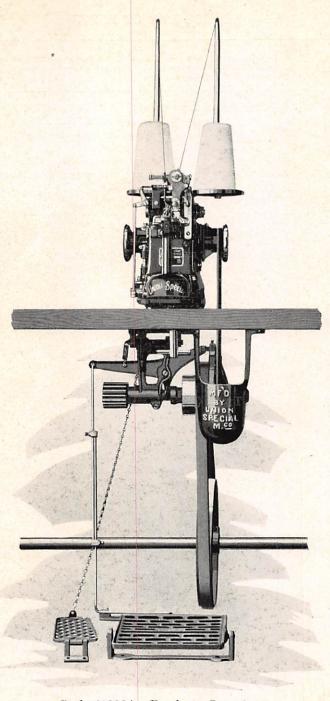
No. to order by	Plate No.	The figures in the second column refer only to the plates illustrating the parts, and are not to be used in ordering. These parts are furnished at list prices for repairs only  See notice on page 2.	p	ice er art
41061 C	7	Tension Release Bar Cóllar	\$0	40
		" " Collar Set Screw No. 28 C		06
41061 D	3	" " " Spring		12
41061 E	3	Tension Release Operating Disc		40
41061 F	4	Supplemental Thread Guide	- 10	70
	100	" " Screw No. 22524		10
44004 0	_	Tension Thread Guide Pin No. 50 J-40		10
41061 G	7	Supplemental Tension Post		40
14000 G		" " Set Screw No. 531		06
41062 C	9	Front Feed Cup, for Style 41000 A	9	50
41062 D	9	Rear Feed Cup, for Style 41000 A	9	50
41063	8	Cup Feed Gear (39 teeth) for Style 41000 A	2	50
		" " Set Screws No. 88		06
41064 A	17	Front Feed Cup Support, for Styles 41000 A.	10	00
41064 B	10	" " " Shaft (hardened and ground)		
	15	size .319		80
		" " " Shaft Set Screws No. 88	The sale	06
41064 C	9	" " " Joint Cover	1	00
	1	" " Joint Cover Screws No. 87 U		08
41064 D	2	Presser Spring Rest Stud, for Style 41000 A		70
	Maria	" " " Nut No. 11635 B		30
	6.00	" " " Adjusting Screws No. 22560 A		08
41064 E	17	Rear Feed Cup Support, for Style 41000 A	10	00
		" " " Screws No. 22517		10
41065	5	Needle Guard Holder, for Style 41000 A	2	50
11000		" Screw, No. 22576		12
41066	5	Stitch Tongue Support, obsolete, for Style 41000 A	2	80
11000 1	_	Screw No. 22385		08
41066 A	5	Bracket	1	30
11000 C	_	Bracket Screws No. 90.		08
41066 C	5	Front Feed Cup Guard, for Style 41000 A	1	40
		" " " Screws No. 87 U		08
41066 D	5	Stitch Tongue Support, for Styles 41000 A, 41200 A and		
		41200 C	2	80
4400		" " Screw No. 22585		08
41067	14	Fabric Uncurler Bracket.	1	70
		" Bracket Screws No. 22517		10
41000	14	Bracket Adjusting Screw No. 22568		20
41068 41069	14	1ront		00
41009	14	" rear	3	00
41071	3	Stud No. 22/32		10
41071	3	Adjusting Rod		40
	133	Adjusting Rod Set Serew No. 003 A		10
		" Adjusting Nuts No. 21185		20

No. to order by	Plate No.	The figures in the second column refer only to the plates illustrating the parts, and are not to be used in ordering. These parts are furnished at list prices for repairs only. See notice on page 2.	Price per part
41071 A	3	Fabric Uncurler Adjusting Washer	\$0 16
41071 B	14	" "Support	6 00
41071 C	14	" "Support Hub	60
		" Support Hub Screws No. 605 A	10
41071 D	2	" "Support Stud	50
		" Support Stud Nut No. 18.	20
41071 F	6	" " Support Brace	60
		" Support Brace Set Screw No. 88	06
		" Support Stop Screw No. 22575	10
41071 G	2	" " Support Stop Screw Lock Nut	20
41072	14	" " Locking Disc, obsolete	1 30
41072 A	14	" " Locking Disc Holder	2 50
		" Locking Disc Holder Screws No. 93 A	08
		" Locking Disc Adjusting Screw No. 22585	08
41072 B	3	" Locking Disc Adjusting Screw Washer	20
41072 C	14	" Locking Disc	1 30
41073	14	Locking Lever	1 20
		Locking Lever Stud No. 1 22	08
41073 A	7	" Litter Guide Pin	16
41073 B	14	Litter	90
41074	0	Litter Stud No. 240	20
41074	2 2	Guide Pin	08
41074 A		" Guide Pin Nut	
41076	4	Frame Looper Thread Guide (2½ inches long) adjustable " " Set Screw No. 230	20
41076 A	4	Looper Bar Thread Guide, left, for looper thread	- 16
41076 B	4	" " right, for needle thread	30
		" " Set Screw No. 28 C	00
41076°C	4	Frame Needle Thread Guide (19/6 inches long) adjustable.	20
		" " Set Screw No. 230	10
41077	13	Counterbalance	1 00
		" Spot Screw No. 81	
		" Set Screw No. 95	
41078 B	5	Oil Reservoir Cover, for main shaft bearing	20
41078 D	15	Main Shaft Bearing	4 50
41019 D	19	" " Screws No. 9663	16
		" " Oil Reservoir Screw, lower, No. 22539.	
		" " Oil Reservoir Screw, upper, No. 22586	10
41079	13	Rear Cover	1 30
41079 A	8	" " Spring Hinge	4
		". " Spring Hinge Screw No. 94	
41080	17	Top Cover, for Style 41000 A.	1
41090	11	Top Cover, for Style 41000 A	0 0

to order by 41080 A 41081 41082 41083 41090 41090 A 41097	9 6 5 7 7 7 4 Plate No.	The figures in the second column refer only to the plates illustrating the parts, and are not to be used in ordering. These parts are furnished at list prices for repairs only. See notice on page 2.  Top Cover Latch.  " " Latch Thumb Screw No. 22551.  Presser Spring, for Style 41000 A.  " " Pin No. 1361 A.  Needle Bar Connection.  Chain Cutter, for Style 41000 A.  " " Screws No. 22768.  Bushing (15/16 inches long) for front needle bar bearing.  " (15/8 inches long) for rear needle bar bearing.  " Clamp Screw No. 22569.	20 70 06 1 50 1 50 08
41081 41082 41083 41090 41090 A	9 6 5 7 7	" Latch Thumb Screw No. 22551 Presser Spring, for Style 41000 A.  " Pin No. 1361 A.  Needle Bar Connection. Chain Cutter, for Style 41000 A.  " Screws No. 22768. Bushing (15/16 inches long) for front needle bar bearing.  " (15/8 inches long) for rear needle bar bearing.	70 06 1 50 1 50 08 90
41082 41083 41090 41090 A	6 5 7 7	Presser Spring, for Style 41000 A.  "Pin No. 1361 A.  Needle Bar Connection.  Chain Cutter, for Style 41000 A.  "Screws No. 22768.  Bushing (15/16 inches long) for front needle bar bearing.  "(15/8 inches long) for rear needle bar bearing.	20 70 06 1 50 1 50 08 90
41082 41083 41090 41090 A	6 5 7 7	" Pin No. 1361 A  Needle Bar Connection  Chain Cutter, for Style 41000 A  " Screws No. 22768  Bushing $(1^{5}_{16}$ inches long) for front needle bar bearing  " $(1^{5}_{8}$ inches long) for rear needle bar bearing	06 1 50 1 50 08 90
41093 41090 41090 A	5 7 7	" Pin No. 1361 A  Needle Bar Connection  Chain Cutter, for Style 41000 A  " Screws No. 22768  Bushing $(1^{5}_{16}$ inches long) for front needle bar bearing  " $(1^{5}_{8}$ inches long) for rear needle bar bearing	1 50 1 50 08 90
41093 41090 41090 A	5 7 7	Chain Cutter, for Style 41000 A  "Screws No. 22768.  Bushing (15/16 inches long) for front needle bar bearing  "(15/8 inches long) for rear needle bar bearing	1 50 08 90
41090 41090 A	7 7	" Screws No. 22768  Bushing (15/16 inches long) for front needle bar bearing  " (15/8 inches long) for rear needle bar bearing	08 90
41090 A	7	Bushing ( $1\frac{5}{16}$ inches long) for front needle bar bearing ( $1\frac{5}{8}$ inches long) for rear needle bar bearing	90
41090 A	7	" $(1\frac{5}{8} \text{ inches long})$ for rear needle bar bearing	
			90
41007	1	" Clamp Screw No. 22569	
41007	1		10
41097	4	Stitch Tongue (originally marked AB) for Styles 41000 A,	
		41200 A and 41200 C	1 50
41197	4	" for loose stitch on Style 41200 C	1 50
1		" " Serews, No. 73 A	10
41208 B	4	Looper, for Style 41200 B	3 90
		" Set Screw No. 77	06
41211 B	4	Loop Retainer (marked Z) for Style 41200 B	80
		" " Screw No. 73 A	10
41218	4	Needle Holder (hardened) for Style 41200 B	1 70
		" " Screws No. 605	10
		Needle Set Screw No. 28 C	06
41225 B	4	Needle Guard, obsolete, right (marked DJ), for Style	
		41200 B	80
		" Screw No. 13 A	10
41225 D	4	and Fabric Guide, for Style 41200 B	1 40
		and Fabric Guide Screw No. 22768	08
41225 E	4	upper (marked DM) for Style 41200 B	80
11001		Screw No. 22708	08
41231	17	Looper Bar Yoke, with bushing, for Style 41200 B	8 90
41231 A		without bushing	8 00
44001 D	_	Set Screws No. 90	06
41231 B	7	Bushing (15/16 inch long) for looper bar bearing on Style	00
41990	11	41200 B	90
41236	11	Looper Oscillating-Motion Eccentric (hardened and ground,	2 00
41250	11	originally marked DZ), for Style 41200 B  Needle Lever Eccentric; also looper bar yoke lever eccentric	2 00
41250	11	(hardened and ground, ori-	
		ginally marked EA), for Style	
		41200 B	2 00
La Reven		" " Spot Screw No. 81	06
		" " Set Screw No. 95	06
41251 A	11	" " Bearing (hardened and ground) also	00
IIIOI II		looper bar yoke lever eccentric	
		bearing, for Style 41200 B	5 00
		" " Bearing Screws No. 75 A	08

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41256	3	Feed Rocker Arm Ball Joint Washer, for Style 41200 B 80 30
41260	12	Feed Cup Opening Lever; also tension release lever, for
		machines in Class 41200 1 50
		" " Set Screw No. 96 06
		" " Stop Screws No. 719 08
		" " Stop Screw Lock Nut No. 12934 A 20
41260 A	9	" " Extension 50
		" " Extension Screws No. 93 A 08
41260 B	10	" " " Shaft (hardened and ground) size .319
41261 B	10	Tension Release Bar (hardened and ground) size .200, for
11201 15	1	machines in Class 41200 90
41261 G	8	" " Operating Plate, adjustable 80
N. P. A. S. P. S.		" " Operating Plate Screw No. 303 16
		" " Operating Plate Screw Washer No. 8372 A 16
41261 H	8	" " Operating Arm Assembly 1 50
41261 J	8	" " Operating Pin
41261 K	8	" " Operating Arm Support 70
		" " Operating Arm Support Screw No. 93 08
41261 L	8	" " Operating Arm 1 00
		" " Operating Arm Stud No. 22758
41262	9	Rear Feed Cup, for Styles 41200 A and 41200 C
41262 A	9	Front Feed Cup, for Styles 41200 A and 41200 C
$41262~\mathrm{B}$	9	Rear Feed Cup, for Style 41200 B         9 50
41262 C	9	Front Feed Cup, for Style 41200 B
41263	8	Feed Cup Front Gear (36 teeth), for machines in Class 41200 2 30
	A STATE OF	" " Front Gear Screws No. 22593
41263 A	8	" " Intermediate Gear (36 teeth)
41263 B	7	" " Intermediate Gear Ferrule (hardened and ground)
	10.00	adjustable
		" "Intermediate Gear Ferrule Screw No. 22757 16
41263 C	8	" " Rear Gear (36 teeth)
		" " Rear Gear Set Screws No. 88
41263 D	7	" " Rear Gear Shaft Bearing 1 20
41264	17	Rear Feed Cup Support, for machines in Class 41200 10 00
		" " " Screw No. 74
11001 1		Screws No. 22517 10
41264 A	12	Front Feed Cup Support, for machines in Class 41200 2 50
41004 D	10	Set Sciews No. 98
41264 B	12	Blacket 5 50
4100		Bracket Screws No. 810, 30
41265	5	Needle Guard Holder, for Styles 41200 A and 41200 C 2 50
41265 C	5	for Style 41200 B
		" " Screw No. 22585 08

41266   5   Stitch Tongue Support, for Style 41200 B		\$ 2	
			80
			00
uncurler		1	30
" " Brace Screw No. 22517			10
41200 B 3 Brace, for machines with fall			
uncurler  " " Brace Screw No. 74		1	50 10
41277 — Counterbalance, obsolete, for machines in Class 41200		1	00
"Spot Screw No. 81			06
" Set Screw No. 95			06
41280 17 Top Cover, for machines in Class 41200	1	3	50
41281 9 Presser Spring, for machines in Class 41200			80
41283 5 Chain Cutter, for machines in Class 41200		1	50
41291 12 Flexible Shaft, for machines in Class 41200		0	08
41292 7 " " Coupling		9	90
" Coupling Set Screws, upper, No. 22560			06
" Coupling Set Screws, lower, No. 88			06
41293   12   " Housing		1	20
41294   12   " Housing Brace		1	20
" Housing Brace Screw No. 22528			10
41297. 4 Stitch Tongue (originally marked AH) obsolete, for St			
41297 A 4 " " (originally marked AL) obsolete, for St		1	50
41200 B	yıc	1	50
" " Screws No. 73 A		*	10
41297 B   4   " " for Style 41200 B		1	50
" " Screws No. 22738			10
	To 1		



Style 41000A—Ready to Operate.

