

UNION SPECIAL

Industrial Sewing Machines

The Samson Machine

List of Parts

STYLES

38200 C

38200 E

38200 D

38200 F

Catalog No. 91L

UNION SPECIAL MACHINE COMPANY
CHICAGO



Union Special®

INDUSTRIAL SEWING MACHINES

• Africa

BULAWAYO, SO. RHODESIA, FEDERATION OF RHODESIA AND NYASALAND, Berzak Bros. Ltd., 16 14th Avenue. (Textile Machines).
CASABLANCA, MOROCCO, Etablissements Geissmann & Fils, 34 Blvd. de la Gare.
JOHANNESBURG, UNION OF SOUTH AFRICA, South African Scale Co., (Pty.) Ltd., P.O. Box 1463, 32 Van Brandis St., for bag closing machines. Branches also at Bloemfontein, (53 Zastan St.), Capetown, (Box 779), Durban, (22 Allwal St.), East London (53A Cambridge St.) Pietermaritzburg, Port Elizabeth, (Box 611), Pretoria, Vereeniging and Worcester.
JOHANNESBURG, UNION OF SOUTH AFRICA, Berzak Bros. Ltd., Barbra House, 135/7 Pritchard St. Branches also at 487 West St., Durban; 78 Darling St., Capetown; 58 Queen St., Port Elizabeth. Textile machines.
MAURITIUS, Hall, Geneva, Langlois, Ltd., Port Louis, P.O. Box 77.
SALISBURY, SO. RHODESIA, FEDERATION OF RHODESIA AND NYASALAND, So. African Scale Co., Corner of Forbes and Angwa Sts., Bag Closing Machines.

• Asia

CALCUTTA, INDIA, Don Watson & Co., Ltd., 19 British Indian St.
DACCA, PAKISTAN, Roberts & McLean & Co., Ltd., 91 Nawabpur Rd., bag closing and Bag Seaming Machines.
DELHI 6, INDIA, Munshi Ram B. S. C., P.O. Box 1114, Kashmir Gate. Above Kewenters.
HONGKONG, G. R. Coleman Co. (Hongkong) Ltd., Room 308, Bank of Canton Bldg., 6 Des Voeux Road, Central.
KARACHI 2, PAKISTAN, Universal Trading Corp., Textile Machines, 29 Zeenat Mansion, McLeod Road, P.O. Box 4635.
OSAKA, JAPAN, Mima Sewing Machine Mfg. Co., 29, 1-chrome, Ebi-kami, Fukushima-KU.
SEOUL, KOREA, Uebersee-Handel A. G., Iwang Wha Moon, P.O. Box 268.
TAIPEI, TAIWAN, G. R. Coleman, Hongkong, Ltd., 78 Po Ai Road.
TOKYO, JAPAN, Iwase Sewing Machine Co., Ltd., 39, 1-chrome, Kamezawa-cho, Sumida-KU.

• Australia

BRISSBANE, AUSTRALIA, Capron, Carter (Pty.) Ltd., Rm. 55—Rex Bldg., Wickham St., Valley.
MELBOURNE, VICT., AUSTRALIA, Capron, Carter (Pty.) Ltd., 78 A'Beckett St.
SYDNEY, N.S.W., AUSTRALIA, Capron, Carter (Pty.) Ltd., 86 Liverpool St.

• British West Indies

KINGSTON, JAMAICA, B. W. I., Mr. Morris E. Parkin, 102 King St.

• Canada

Union Special Machine Co. of Canada, Ltd.
CALGARY, ALTA., 1809 24th Ave., N.W. N. W. Holt, Tel. 891690.
MONTREAL 14, QUE., 40 Maliere St., Clyde F. Amey, Tel. Victoria 2575.
QUEBEC, P. Q., Ave. Des Pins Ouest. Lucien Bouchard. Tel. 3-8126.
TORONTO 2, ONT., 135 Peter St. S. J. Storey, Mgr. Tel. Empire 6-2939.
WINNIPEG, MAN., Room 201, Whittla Bldg., Frank Thierman. Tel. 934933.

• Europe

AMSTERDAM, THE NETHERLANDS, N. V. Machinehandel C. & H. Verbeek, Kloveniersburgwal 77. Also offices in: Rotterdam, Sittard, Groningen, Enschede, Eindhoven.
ATHENS, GREECE, Michel D. Dimoulis, Rue Deka, 4A.
BARCELONA, SPAIN, Rasida, S. A. Avino 9.
BERGEN, NORWAY, Jac. Jacobsen A/S, Bjornsgatst 24.
BORAS, SWEDEN, Rud. Nystrom & Co., A/B, Lilla Bannerigatan 6.
BRUSSELS, BELGIUM, Union Special Machine Corporation of America, 23 Rue Philippe de Champagne. Henri Deloof, Mgr.

COPENHAGEN, DENMARK, Rothenberg Specialmaskiner for Sy-Industrien A/S, Nikolaj Plads 23. Also offices in: Herning, Kolding, Odense, Silkeborg, Riisakov.
DUBLIN, EIRE, Machines, Ltd., 24 Upper Abbey St. Textile Machines.
DUNDEE, SCOTLAND, Thomas C. Keay, Ltd., 15 Baltic St. Bag Closing and Bag Making.
HELSINKI, FINLAND, Suomen Konelike O/Y, Villhonkatu 9.
LEICESTER, ENGLAND, Union Special Machine Co., Ltd., 25 Bede St. Braunstone Gate, A. B. Fitzpatrick, Mgr. Textile Machines.
LONDON, E. C. 1, ENGLAND, Union Special Machine Co., Ltd., Parksworth House, 30, City Road. Textile Machines.
MALMO, SWEDEN, Rud. Nystrom & Co., A/B Vargatan 10-A.
MILANO, ITALY, Giovanni Conti y Nipoti, Piazzale Marengo 6.
NOTTINGHAM, ENGLAND, Mr. W. Wilkes, Plantation Road, Wellaton. Textile Machines.
OPORTO, PORTUGAL, Rost & Janus, Succrs., Rua Barao de Forrester, 914.
OREBRO, SWEDEN, Rud. Nystrom & Co., A/B Skebacksvagen 17-19.
OSLO, NORWAY, Jac. Jacobsen A/S, Kr. Augustsgate 19 (Tullingsgarden).
PARIS, FRANCE, Cie. des Machines Union Special de France, 91 Avenue de la Republique, Georges Linotte, Mgr.
STOCKHOLM, SWEDEN, Rud. Nystrom & Co., A/B, St. Nygaten 10-12.
STUTTGART, GERMANY, Union Special Maschinenfabrik, G.m.b.h., Schwabstrasse 33, A. W. Krieger, Managing Director.
VIENNA, VI, AUSTRIA, Firma Nahschuster, Mariahilferstr. 51.
ZURICH 9/47, SWITZERLAND, M. L. Bourquin, Albisriederstrasse 226.

• Latin America

Union Special International, Inc.
BARRANQUILLA, COLOMBIA, C. Ceballos & Cia., Ltda., Almacenes "Carreco," Banca Comercial, Antioqueno, OF. 401.
BOGOTA, COLOMBIA, C. Ceballos & Cia., Ltda., Avenida Caracas 17-18.
BUENOS AIRES, ARGENTINA, Kay, Grandjean & Cia., Bartolome Mitre 760.
CALI, COLOMBIA, C. Ceballos & Cia., Ltda., Calle 4, No. 9-21.
CARACAS, VENEZUELA, H. Blohm, S.A., Dr. Paul A. Charro 29.
CIUDAD TRUJILLO, DOMINICAN REPUBLIC, Luis Dominguez, Apartado 57, Hostos esq. El Conde.
GUADALAJARA, JAL., MEXICO, Talleres Perez Zozaya, S. A. Hidalgo 45 y 47.
GUATEMALA CITY, GUATEMALA, Cia. Agro Comercial S.A., 8a Ave. Sur. 10-43. Bag Closing Machines.
HAVANA, CUBA, Antilla Yarn & Supply Co., S. A. Factoria 70, Textile, Bag Seaming, and Shoe Machines.
HAVANA, CUBA, Mr. Miguel A. Vilato, Apartado No. 124, Bag Closing Machines.
LIMA, PERU, A. y F. Wiese, S.A., Esq. Nunez y Filipinas.
MANAGUA, NICARAGUA, Hentagon & Co., Ltd., Apartado 14, 5 A. Calle, N. O. 214.
MEDELLIN, COLOMBIA, C. Ceballos & Cia., Ltda., Carrera Junin 44-34.
MEXICO, D.F., MEXICO, Perez Zaragoza, S.A., Regina 26.
MONTREY, N.L., MEXICO, Talleres Perez Zozaya, S.A., Apartado 197, Cuatremoc Norte 335.
MONTEVIDEO, URUGUAY, Carlos Digheiro e Hijos, Convencion 1424.
PORTO ALEGRE, RIO GRANDE DO SUL, BRAZIL, Casa de Maquinas Falk, Ltda., Rua Hoffman 533. Bag Closing and Bag Making Machines.
PORTO ALEGRE, RIO GRANDE DO SUL, Maquinas de Costura Panambra, S.A., Rua Siqueira de Campos 1172. Textile Machines.
RECIFE, PERNAMBUCO, Maquinas de Costura Panambra, S.A., Av. Guararapes 154. Textile Machines.

REPRESENTATIVES

Urbano

RIO DE JANEIRO, D.F., Maquinas de Costura Panambra, S.A., Rua Alexandre Mackenzie 117. Textile Machines.
SAN JOSE, COSTA RICA, Champion Co., Ltda., APDO. 2742.
SAN JUAN, PUERTO RICO, Abarca Warehouse, Inc., P.O. Box 2352.
SAN LUIS POTOSI, S.L.P., MEXICO, Talleres Perez Zozaya, J. de los Reyes 80.
SAN SALVADOR, EL SALVADOR, Vairo Hermanos, Colonia Vairo.
SANTIAGO, CHILE, Lowenstein & Stewart, S.A.C., P.O. Box 2195, Calle Santa Dominga 1140.
SAO PAULO, BRAZIL, Casa de Maquinas Falk, Ltda., Av. Duque de Caxias 610. Bag Closing & Bag Making Machines.
SAO PAULO, BRAZIL, Maquinas de Costura Panambra, S.A., Rua Brigadiera Tobias 388. Textile Machines.

• Near East

BAGHDAD, IRAQ, Sons of O. O. Agopian, P.O. Box 121.
BEIRUT, LEBANON, Sons of O. O. Agopian, P.O. Box 1165.
CAIRO, EGYPT, Mr. A. Kavalidjian, 4, Midan El-Hami, Kasr el Nil Bridge.
DAMAS, SYRIA, Elias Aractingi & Fils, Sidi Amoud.
ISTANBUL, TURKEY, David ve Varber ve Seriki, Hamdi Bey Gecidi 36, 38, 40, Posta Kutusu 385.
TEL AVIV, ISRAEL, L. Taube, Ltd., 15 Lilienblum St.

• New Zealand

So'e Distributors—H. A. Tuck & Co., Ltd.
AUCKLAND, 171 Albert St., C. I. (Head Office)
WELLINGTON, Ford Bldg., Courtenay Place.
CHRISTCHURCH, (Sub-Agents) Glendernid, Ltd., 78 Lichfield St.
DUNEDIN, (Sub-Agents) Glendernid, Ltd., 18 Dawling St.

• Pacific Islands

CEBU, THE PHILIPPINES, Atkins, Kroll and Co., Inc., Textile Machines.
HONOLULU, HAWAII, Commercial Sewing Machine Service, Ltd., 732 Ilaniwai St. Textile Machines.
HONOLULU, HAWAII, H. S. Gray Company, P.O. Box 3016, 759 Puuloa Rd. Bag Closing Machines.
MANILA, PHILIPPINE ISLANDS, Atkins, Kroll & Co., Inc., 124 Myers Bldg., Port Area. Textile Machines.
MANILA, PHILIPPINE ISLANDS, Earnshaws Docks & Honolulu Iron Works Co., Corner of Tacoma and 2nd Sts., Port Area. Bag Closing Machines.

• United States

ALLEN TOWN, PA., 1512 Catalina Ave., Box 542, L. D. Cassell. Tel. Hemlock 4-3900.
ATLANTA, GA., 81 Peachtree Pl., N.W., M. O. Moulton, Mgr. Tel. Atwood 2733, 2734.
BALTIMORE 15, MD., P.O. Box 2505 R. B. Foster. Tel. Sor. 7-8499.
BELLEVILLE, N. J., 18 Preston St., D. C. Jenkins. Tel. Plymouth 1-0304.
BOSTON 11, MASS., 179 Lincoln St., Wm. E. Palm, Mgr. Tel. Liberty 2-0147-48.
CHICAGO 10, ILL., 404 N. Franklin St., O. A. Ulrick, Mgr., Tel. Superior 7-6920.
CINCINNATI 25, O., 3372 Central Pkwy. A. E. Brauch, Mgr. Tel. Kirby 5558.

CLEVELAND 11, OHIO, 11902 Milligan Ave., David G. Lee. Tel. Clearwater 1-3462.
COLUMBIA, S. C., 319 Howard St., C. A. Page, Tel. 6-8806.
COMMERCE, GA., State St. J. T. Hanley. Tel. 3-6872.
CONYNGHAM, PA., Box 46, Robert S. Vogt. Tel. Sunset 8-5556.
DALLAS 2, TEXAS, P.O. Box 5013. Emmett Richards. Randolph 5722.
DENVER 10, COLO., 1801 South Marion St. L. E. Carter. Tel. Spruce 7-0600.
DETROIT 21, MICH., 16630 Ward Ave. John F. Lux, Tel. University 3-4948.
GREENSBORO, N. C., P.O. Box 226. W. D. Harrod. Phone: 3-7648.
GREENVILLE, S. C., 119 Phillips Lane, M. M. Ambrose, Tel. 3-4647.
INDIANAPOLIS 1, IND., 3731 N. Tacoma Ave. B. L. Rogers. Tel. Liberty 6-2277.
JACKSON, MISS., 327 Eastview St. J. A. Boyette. Tel. 5-1976.
JOHNSON CITY, N. Y., 471 Main St., J. J. Laffer, Tel. 7-3994.
KANSAS CITY 41, MO., P.O. Box 824, T. O. Biggers, Tel. South 5030.
LATHAM (TROY), NEW YORK, 19 Aragon Ave., J. R. Lefournier, Tel. State 5-6663.
LYNCHBURG, VA., P.O. Box 1075. C. D. Mairs. Tel. 3-1215.
LOS ANGELES 15, CAL., 119 E. Pico Blvd. P. M. Mason, Mgr. Tel. Richmond 7-9187, 7-9188.
MEMPHIS, TENN., 4695 Dunn Rd., R. J. Lindhorst, Tel. Mutual 5-6750.
MIAMI 37, FLA., 2101 Northwest 1st Ave., H. L. Simon, Tel. 82-0323.
MINNEAPOLIS, MINN., 2800 Texas Ave., St. Louis Park, Minn. Leonard Koehler. Tel. Midway 6236.
NASHVILLE 12, TENN., 1602 South Observatory Drive. W. J. Brauch. Tel. Cypress 2-5123.
NEW ORLEANS, LA., 59 W. Claiborne Square, Chalmette, La., L. A. Van Hooser. Tel. Edgewood 1-3106.
NEW YORK 16, N.Y., 116 E. 27th St. W. G. Booth, Mgr. Tel. Murray Hill 9-1266, 9-1267, 9-1268.
PHILADELPHIA 7, PA., 1316 Arch St. B. Merz, Mgr. Tel. Locust 7-1023.
PITTSBURGH 26, PA., 521 Brookline Blvd., Richard Marsh, Tel. Locust 3-3589.
PLANT CITY, FLA., 214 N. Gordon St. J. C. Morgan. Tel. 3-2681.
PORTLAND 7, ORE., P.O. Box 843, Marvin H. Corns. Capital 3-7500.
RAYNHAM, MASS., P.O. Box 141. W. P. Godek. Tel. Tauton 2-5149.
RUTHERFORD, N. J., 246 Sylvan St., Richard Whitson. Tel. Geneva 8-2178.
ST. LOUIS, MO., 1517-21 Olive St., Z. X. Bennett, Mgr. Tel. Chestnut 1-2368.
SALT LAKE CITY, UTAH, 1215 E. 13th South St. L. F. Rosvall.
SAN ANTONIO, TEXAS, P.O. Box 201, H. E. Pearson. Tel. Pershing 2-2884.
SAN FRANCISCO 7, CALIF., 1275 Mission St. R. J. Vail. Tel. Underhill 1-1580.
SEATTLE, WASH., 808 Motor Pl. Paul Lockett. Tel. Seneca 8083.
TUPELO, MISS., 831 Strauss St., Lloyd Baldwin. Tel. 1859-J.
WAKEFIELD, MASS., 195 North Ave., H. Haberman Jr., Tel. Crystal 9-0455.
YORK, PA., 444 South George St. Richard L. Smith. Tel. York 8-5592.

FOREWORD

The Class 38200, or "Samson Machine", is built to the same high standard of quality that distinguishes all Union Specials. It is designed to fill the requirements of manufacturers of tents, awnings, covers, tarpaulins, balloon and dirigible envelopes, and other products made from canvas, and treated fabrics.

The outstanding feature of the "Samson" is that it has 40 inches of underarm space which eliminates the necessity of folding or rolling wide sections of material in order to force them under the arm. In addition to the underarm space a puller located in back of the needles, and on some styles of machines a second auxiliary puller located 24 inches to the right of the needles, make it possible for heavy, bulky and wide materials to be handled with ease.

These machines can be used with one, two or three needles; equal space as three needle machines, and with either wide or narrow space when only two needles are used.

In the preparation of this parts catalog, an endeavor has been made to present the material in a simple, concise, and understandable manner so that the information desired can be readily found. It has been our constant aim to furnish carefully prepared information that will enable the customer to secure all the possible advantages and economies through the use of Union Specials. On the pages which follow will be found illustrations and descriptions of the parts for styles in Class 38200.

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

Catalog No. 45	Needle Manual
Catalog No. 45-A	Price List of Needles
Form 357	Engineering Department
	Adjusting Instructions.
	Specify the style of
	machine for which the
	Adjusting Instructions
	are required.

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

UNION SPECIAL MACHINE COMPANY

Engineering Department

IDENTIFICATION OF MACHINES

Each Union Special carries a style number which is stamped in the name plate on the machine. Style numbers are classified as standard and special. Those which are standard have one or more letters suffixed, but never contain the letter "Z". Example 38200 C. Style numbers containing the letter "Z" are special. When only minor changes are made in a standard machine a "Z" is merely suffixed to the respective standard style number, Example: 38200 CZ.

Styles of machines similar in construction are grouped under a class number which differs from the style numbers in that it contains no letters. Example: 38200.

The distance between the adjoining rows of stitches, or one half the overall measurement, is represented by a gauge number measured in 64ths of an inch, viz: No. 13 gauge represents 13/64 inch, No. 24 gauge represents 24/64 inch or 3/8 inch.

APPLICATION OF CATALOG

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

STYLES OF MACHINES IN CLASS 38200

38200 C For seaming tents, awnings, covers, and similar articles; high throw for 1/2 inch height of lay, seam spec. 401-LSa-3, three needles, three loopers, left needle in front, 3/16 inch space between needles in line with feed, single built-in puller, directly behind the needles, stitch range 8 to 4 per inch, standard gauges Nos. 13 and 24.

38200 D Same as 38200 C, except it is equipped with dual built-in pullers, one directly behind the needles and the other 24 inches to the right thereof.

38200 E For seaming tents, awnings, covers, and similar articles; low throw for 1/4 inch maximum height of lay, seam spec. 401-LSa-3, three needles, three loopers, left needle in front, 3/16 inch space between needles in line with feed, single built-in puller directly behind the needle, stitch range 8 to 4 per inch, standard gauges Nos. 13 and 24.

38200 F Same as 38200 E, except it is equipped with dual built-in pullers, one directly behind the needles and the other 24 inches to the right thereof.

38200 Z A special style similar to the standard styles in Class 38200, but differing in one or more of its component parts.

NEEDLES

TYPE NUMBERS AND SIZES

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

To have orders promptly and accurately filled, the empty package, a sample needle, or the type and size numbers should be given. See marks on packages. An intelligent order would read as follows: "1000 Needles Type 174 G Size 067." The type number of the needles most commonly used in the styles of machines covered by this catalog is listed below. Set opposite the type number is the description of the needle.

Type No.	Description
174 G	Round shank, round point, antaeus, double groove, ball eye, spotted, chromium plated- sizes 067, 080.

ORDERING REPAIR PARTS

PLATES

Illustrations of parts similar in appearance, and, to some extent, component parts of the same subdivision of the mechanism, are grouped according to scale.

When a part is made in two or more sizes, usually only one illustration is shown. In ordering these parts, the additional information requested under these illustrations such as, "specify length" or "specify size", must be furnished.

LIST OF PARTS

The list of parts describes each part and its principal uses. Always check the symbol against its description before ordering. It is not necessary to furnish the plate number.

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

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

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

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

IDENTIFYING PARTS

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

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

SUPPLIES

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

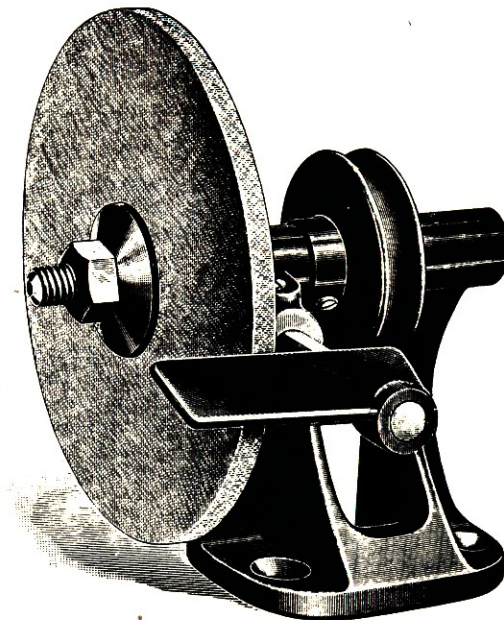
USE GENUINE NEEDLES AND REPAIR PARTS

Success in the operation of these machines can be secured only by the use of genuine Union Special Needles and Repair Parts as furnished by the Union Special Machine Company, its subsidiaries and authorized distributors. Obviously, it is to our interest to maintain the reputation of Union Specials by furnishing the very best goods obtainable. They are designed according to the most approved engineering principles, and are made with the utmost precision.

Genuine needles are put up in packages marked at the top "Trade 'UNION SPECIAL' mark". Genuine repair parts are stamped with a reproduction of the well known two padlocks with a link connecting the shackles.

TERMS

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



21394

Utility Grinder

Plate 1 - Full Size

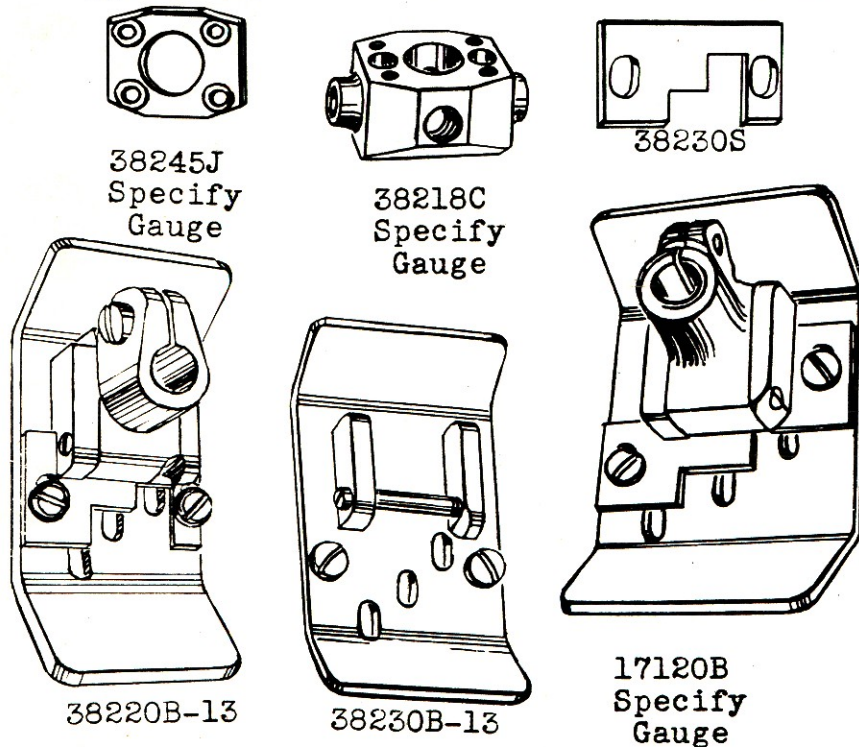
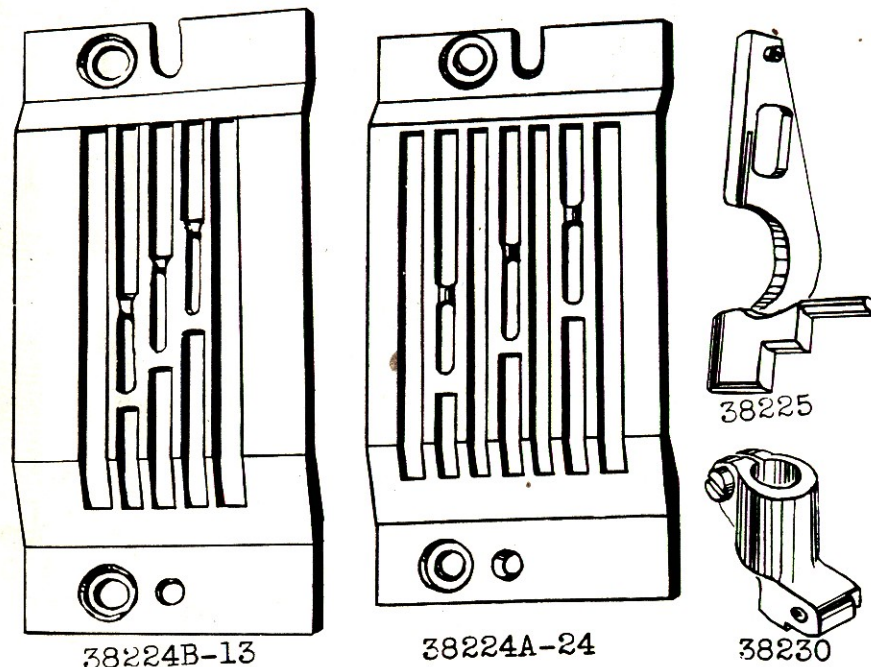


Plate 2 - Full Size

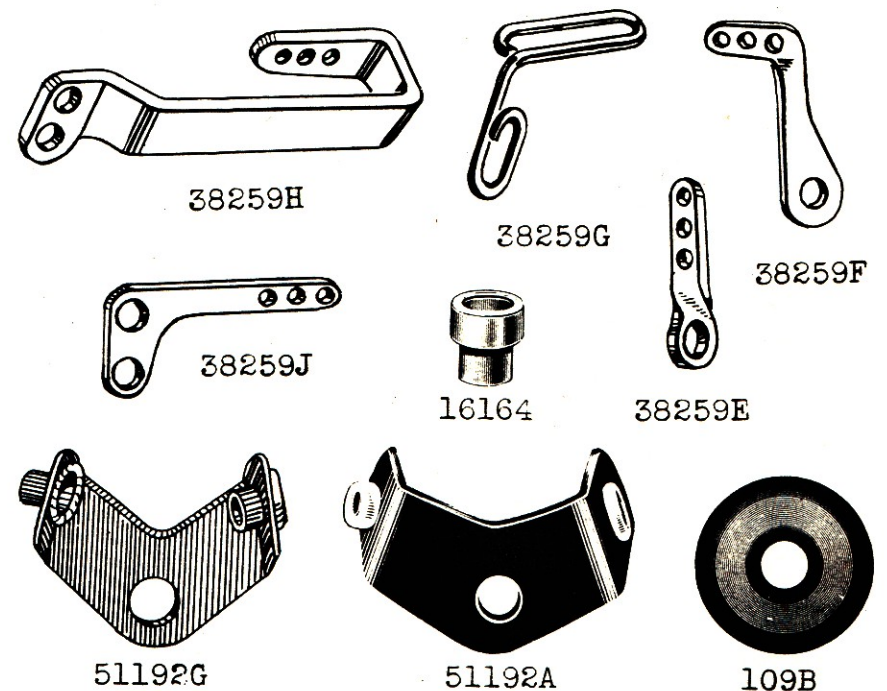
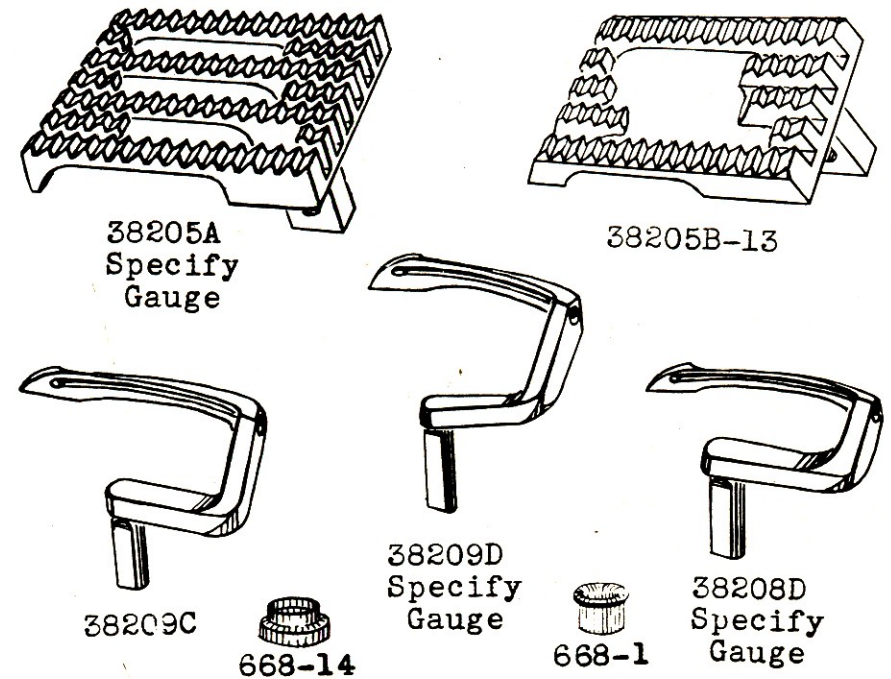


Plate 3 - Full Size



Plate 4 - Full Size

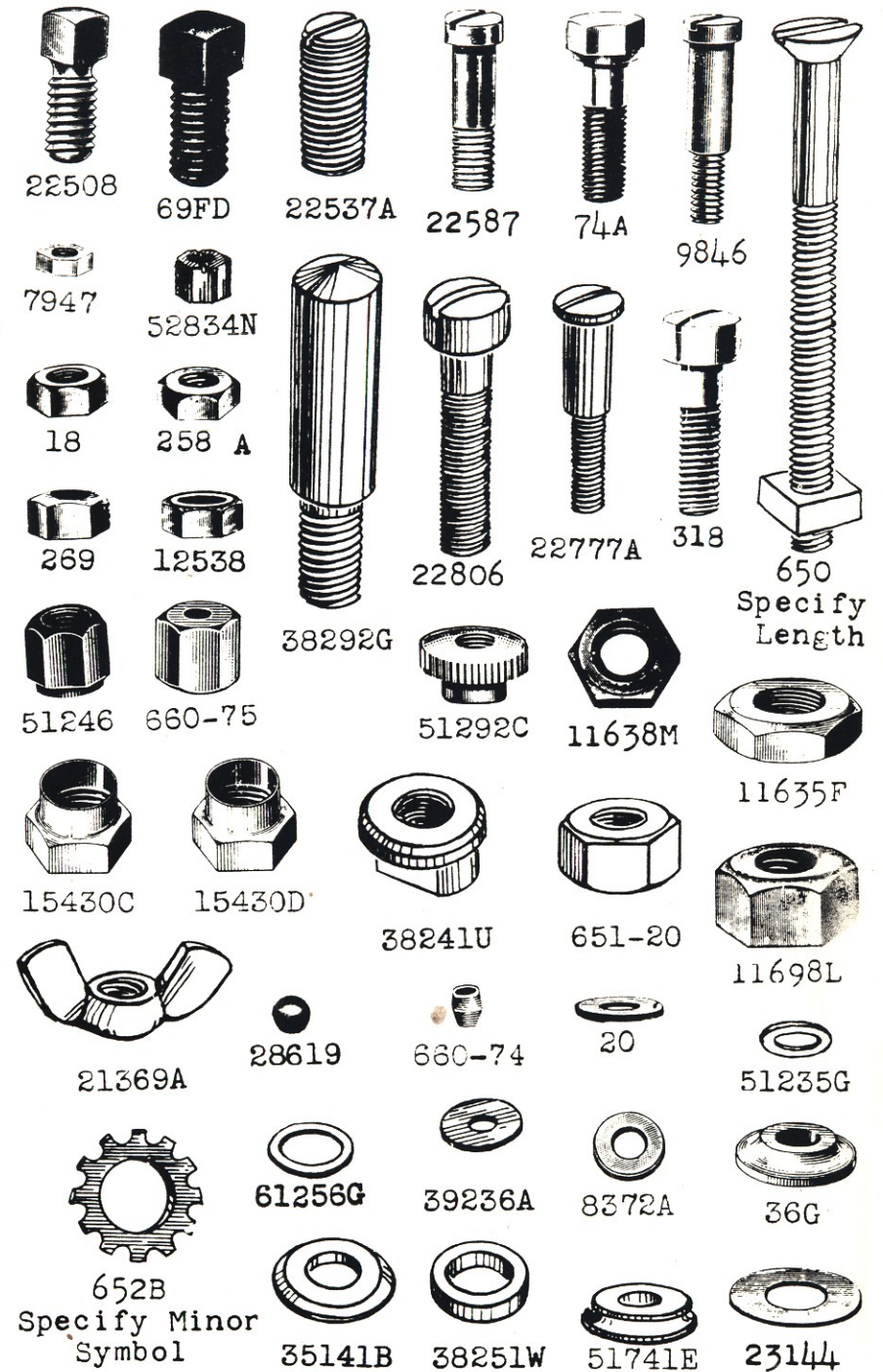


Plate 5 - Full Size

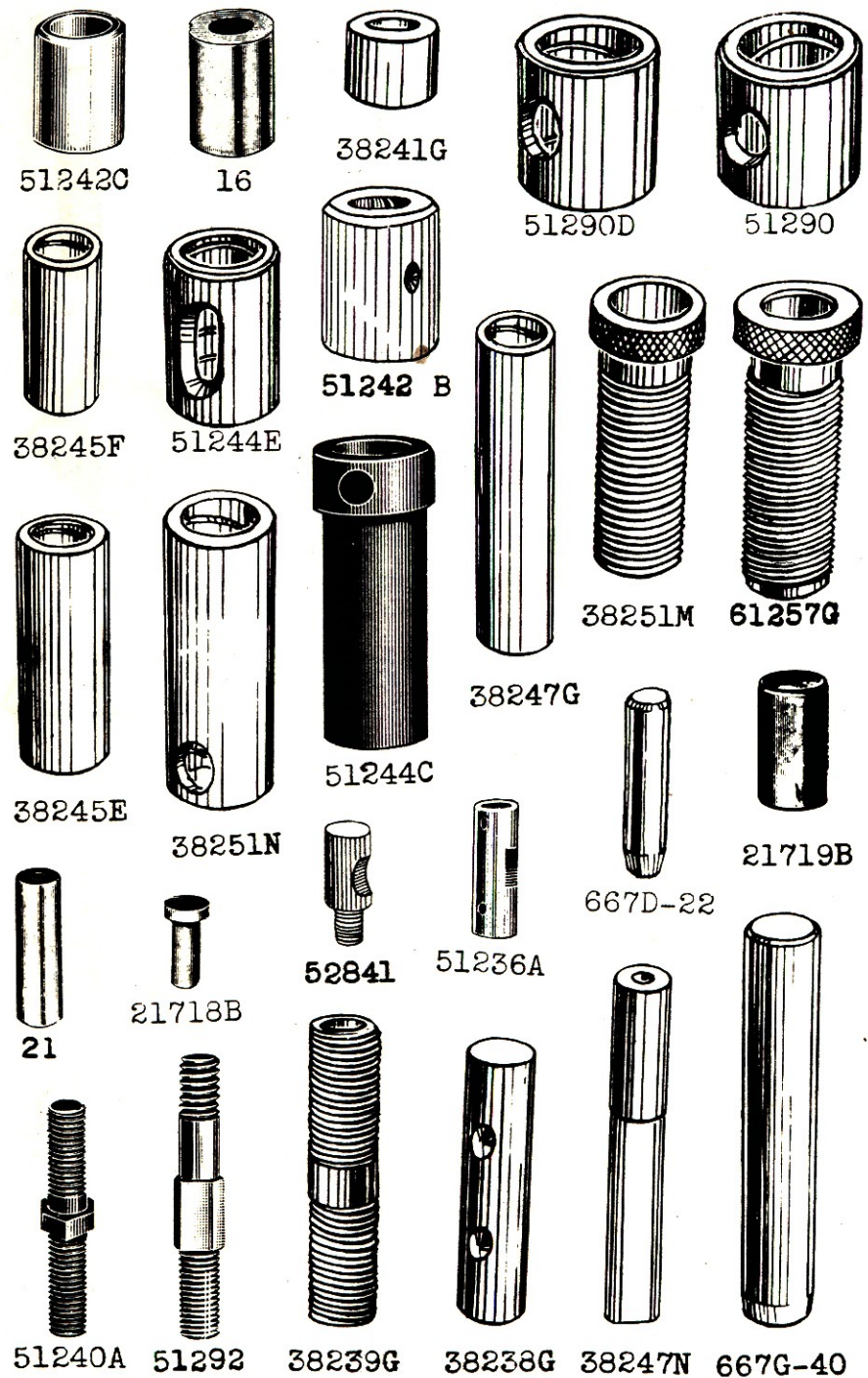
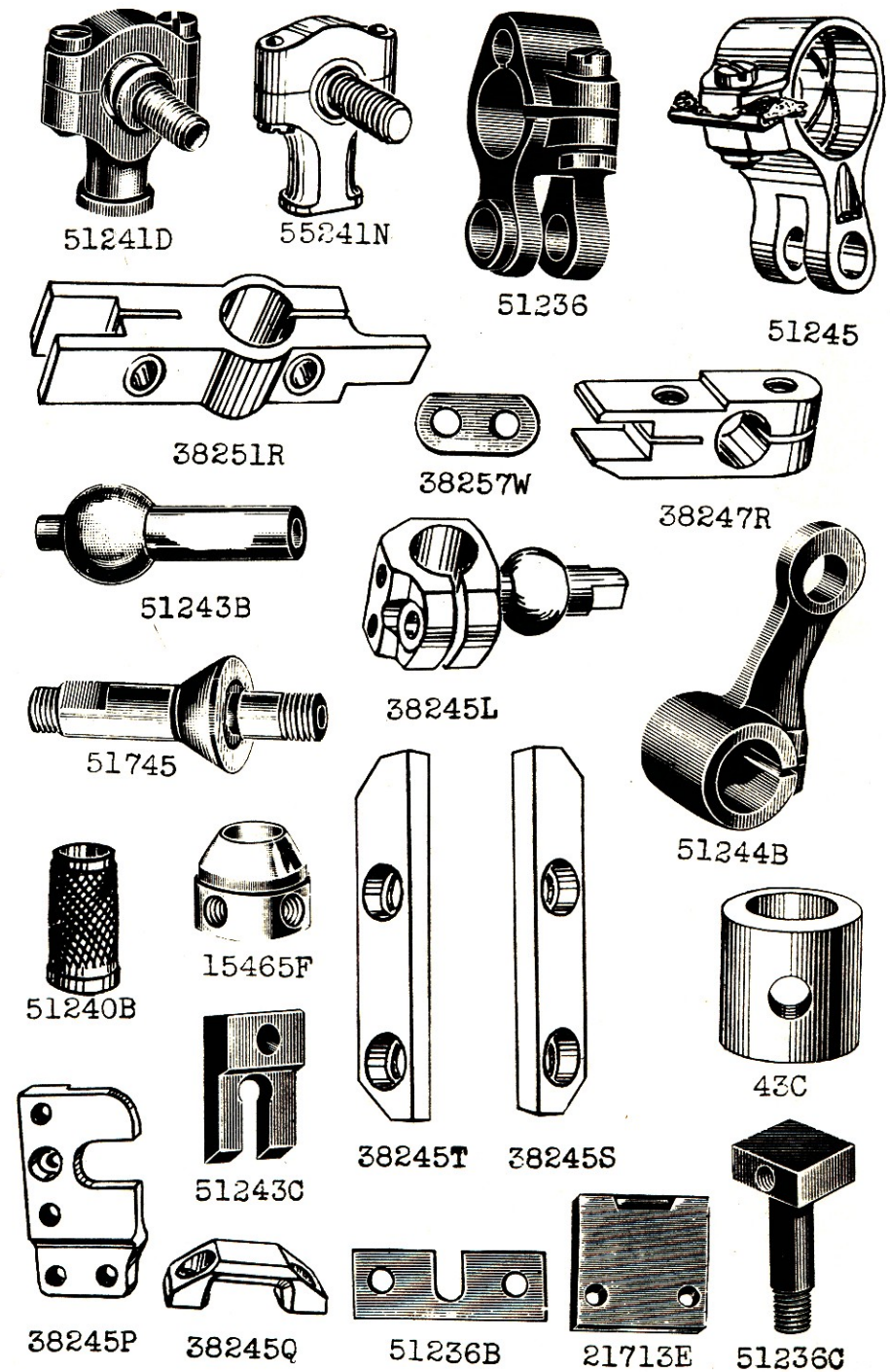


Plate 6 - Full Size



51243E

666-19

660-90

21350

51245 A

WA15

21351

21113B

1248

21225
Specify
Measurement

21396AN

366-13

16642

21712

33138C

660-30

2339 F

51147

38295C

38238N

38297

21718A

51292F-2

110-4

110A

51240C

38251L

22605

22608A

22610A

22611 A

21724

21396AG

23425V

21396AS

51281F

38247D

23167X

23167W

23167Y

23167Z

21396AL

38259

38246N

38259B

539

666-15

666-48

666-79

660-73

Plate 9 - One-half Size

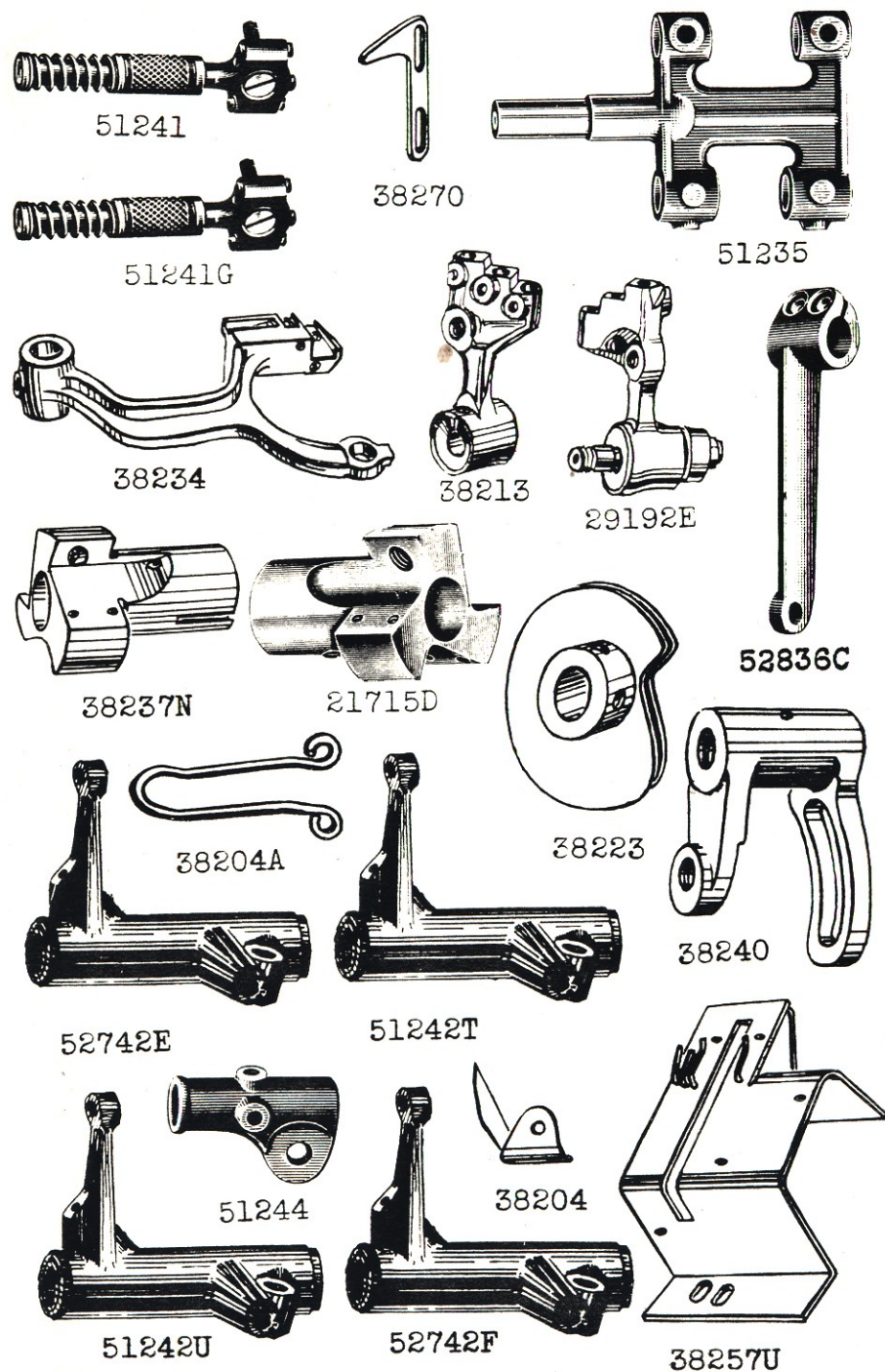


Plate 10 - One-half Size

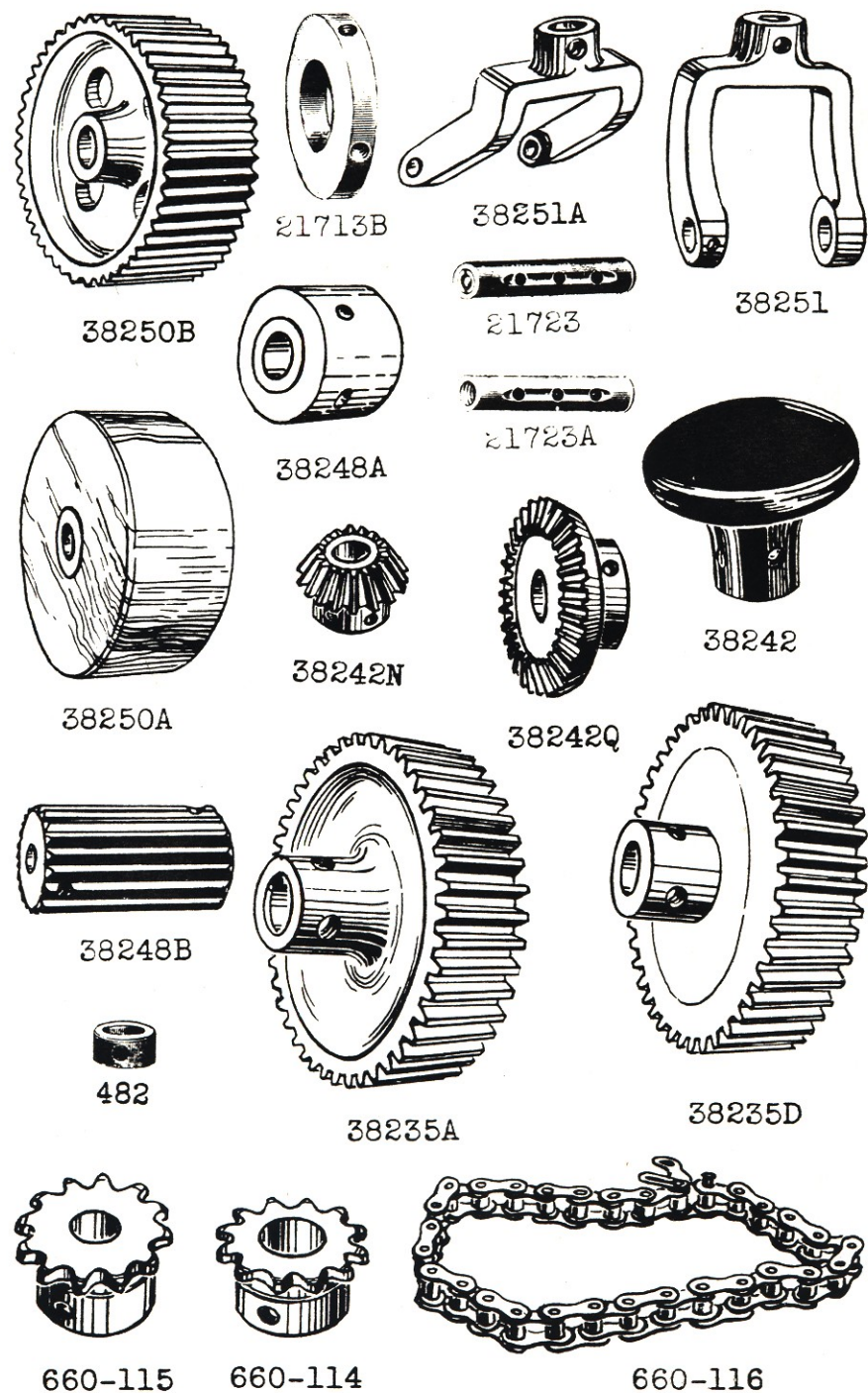


Plate 11 - One-half Size

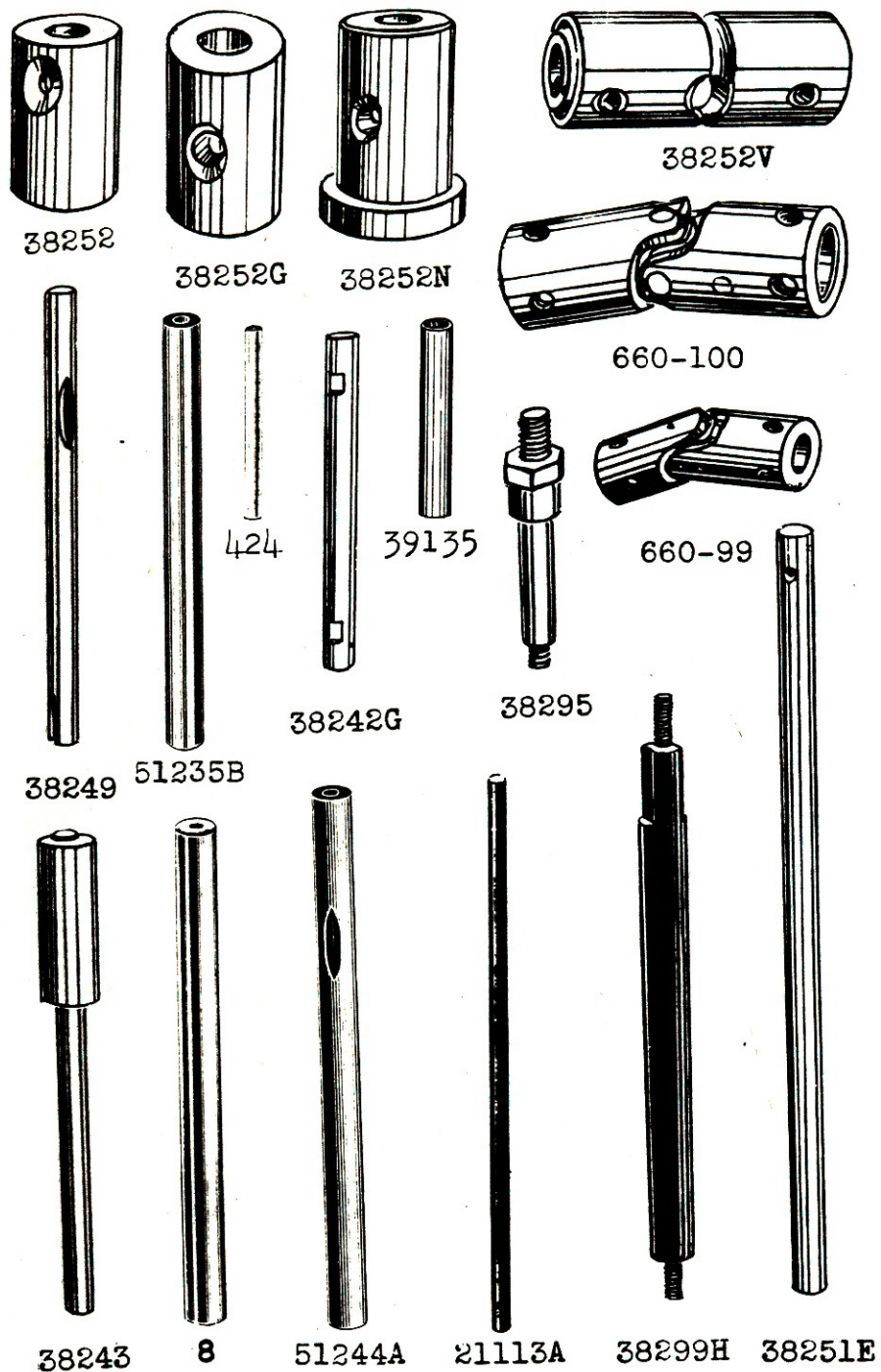


Plate 12 - One-half Size

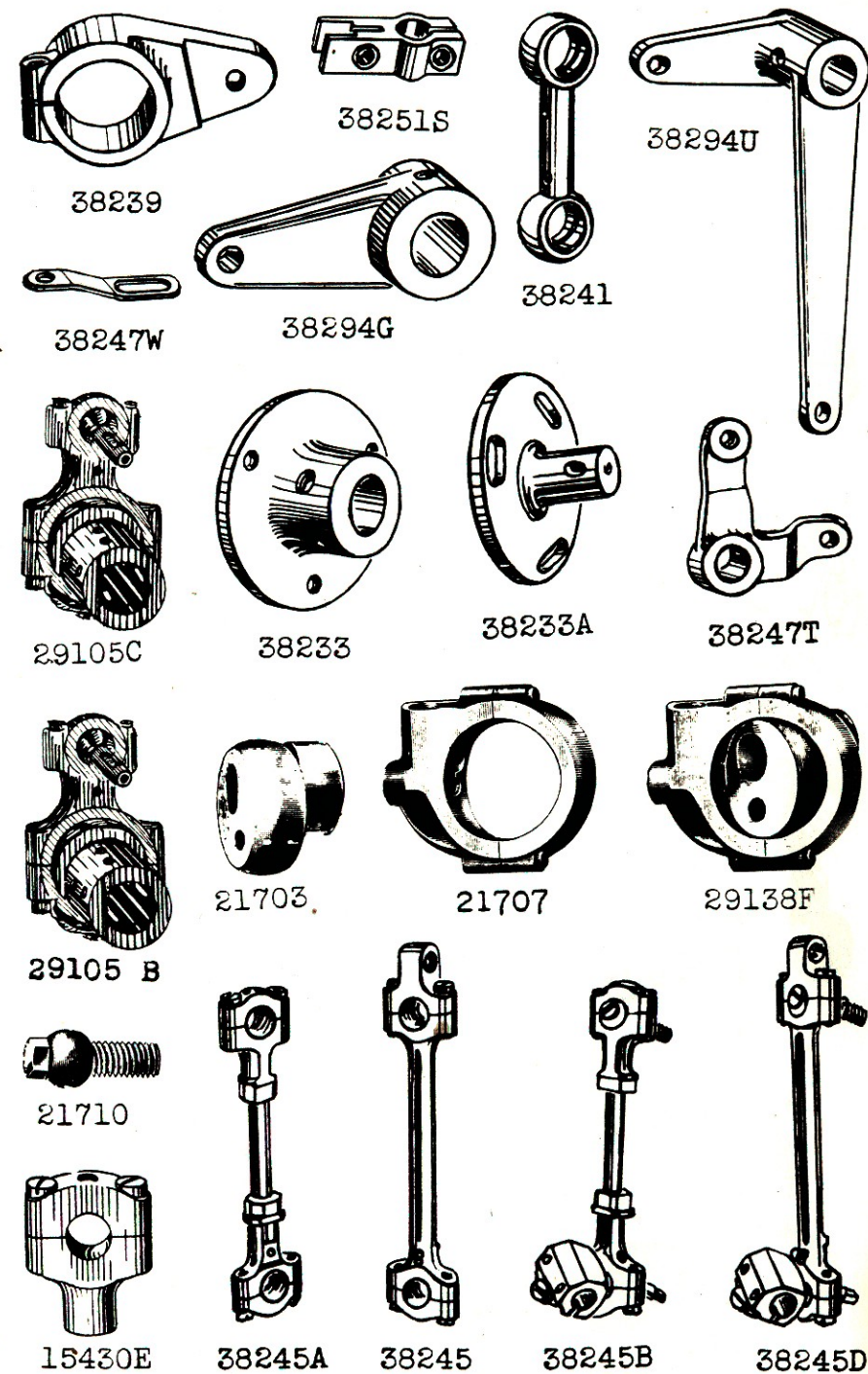


Plate 13 - One-half Size

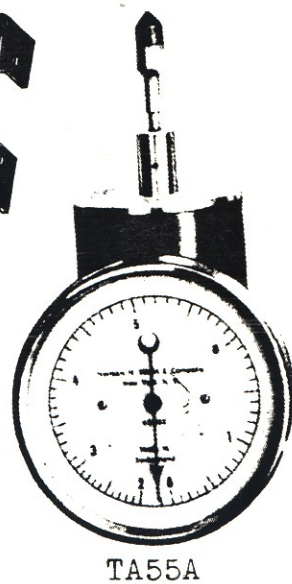
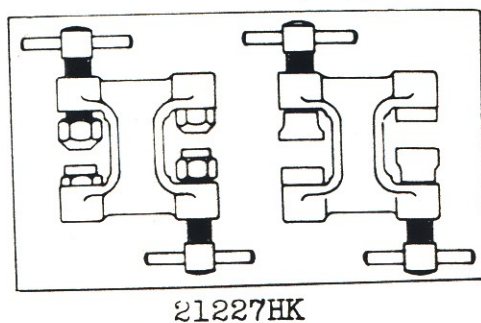
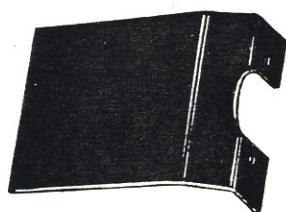
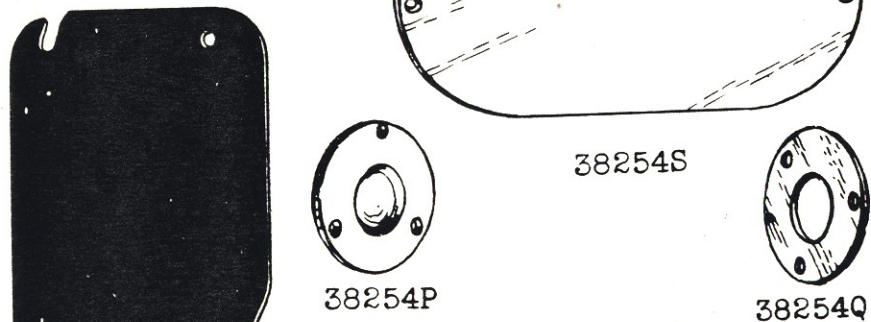
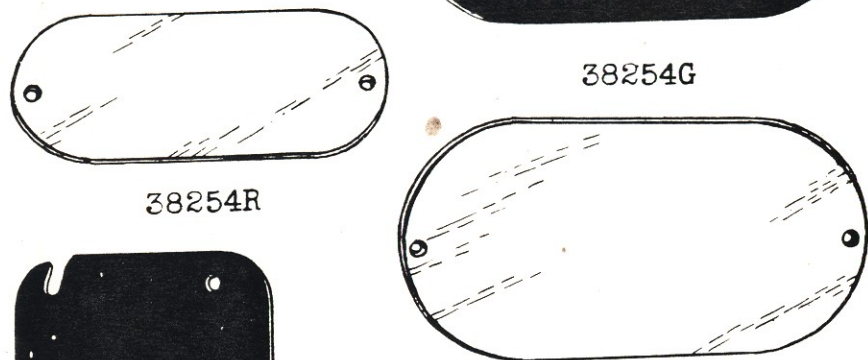
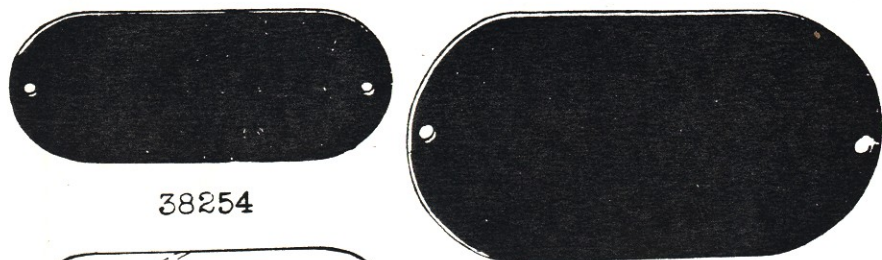


Plate 14 - One-half Size

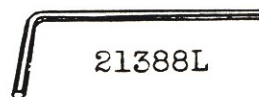
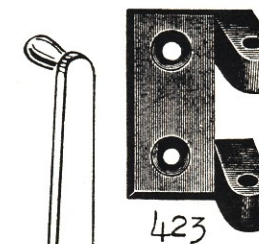
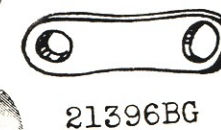
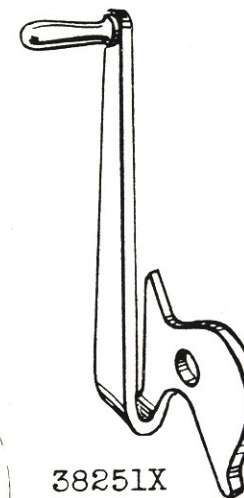
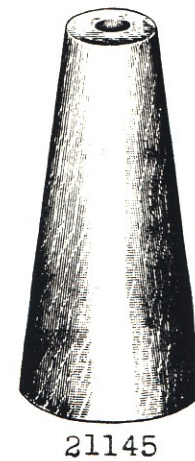
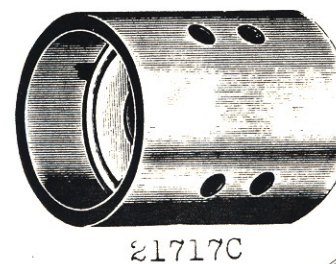
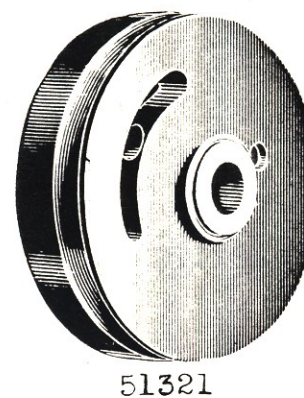
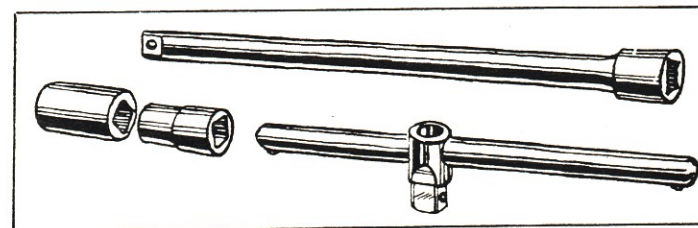


Plate 15 - One-fourth Size

Plate 16 - One-fourth Size



38236D



51222



21396AP



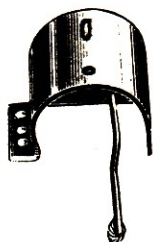
38217C



38238A



38236



52743F



38249A



38236B



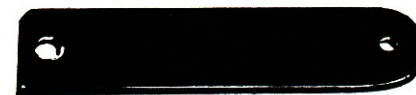
38222B



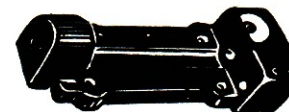
38247A



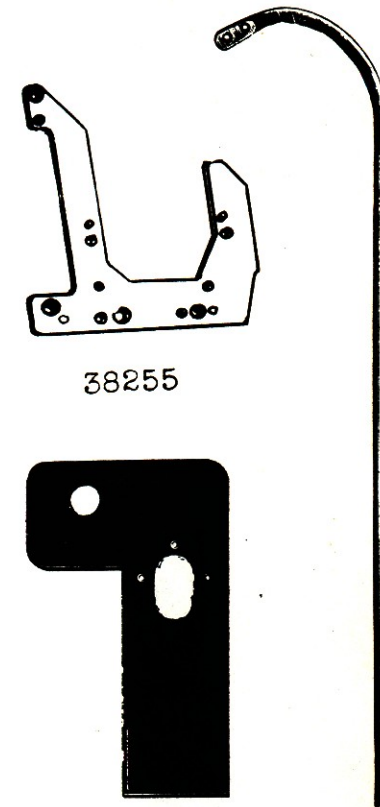
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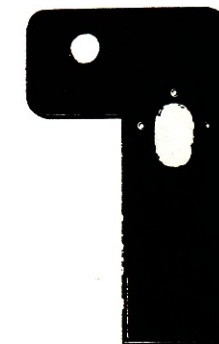
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38260A

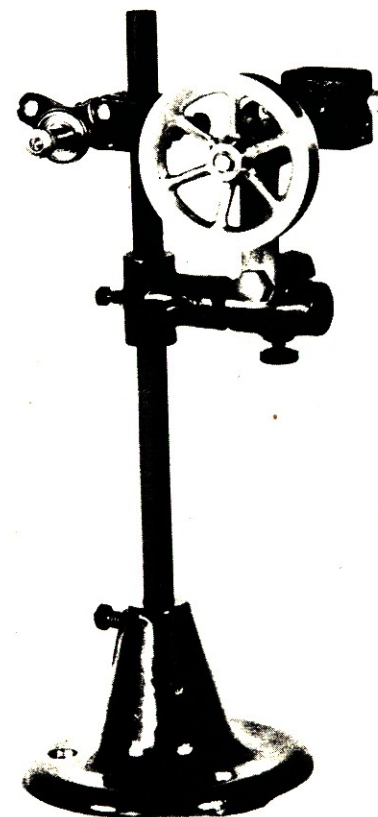


38255



51281
Specify
Length

100 B



21231

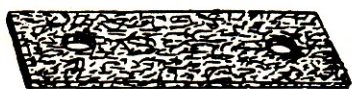


422



29402

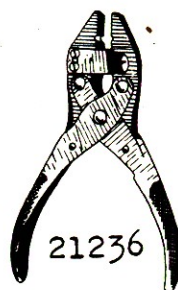
Plate 17 - One-fourth Size



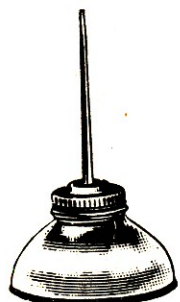
38297A



51294A



21236



413



666-16



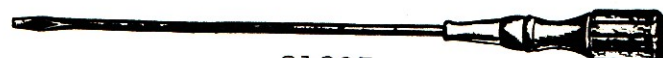
21201



21202



21205A



21203

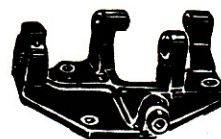


21204



51294B

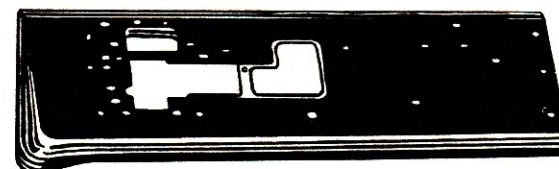
Plate 18 - One-eighth Size



38237



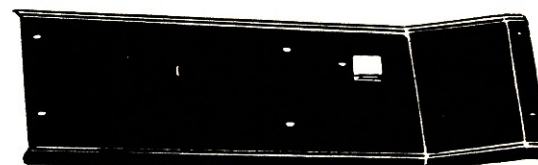
38261A



38201



38201N



38201P



21104F



38295G



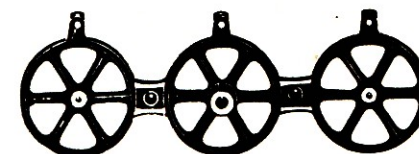
38236C



69 S



38222A



21130 A-3



21396BF



01-19

LIST OF PARTS

Symbol to Order By	The figures in the last column refer only to the plates illustrating the parts and are not to be used in ordering. Prices furnished on application.	Plate No.
8	Clutch Rocker Shaft- - - - -	11
WA15	Stop Watch - - - - -	7
16	Feed Crank Link Ferrule- - - - -	5
18	Looper Connecting Rod Nut, right thread; also for Nos. 38245 A, 51240 A, 55241 N - - - - -	4
OI-19	Pressure Pump Oil Can, 1 1/2 pints capacity- - - - -	18
20	Feed Crank Link Washer; also for Nos. 539, 38233 A, 38259 G - - - - -	4
21	Feed Crank Link Pin - - - - -	5
25 B	Screw, for presser foot needle guard on No. 13 gauge machines - - - - -	3
25 C	Screw, 9/32" long, for cloth plate attachments- - - - -	3
28	Screw, for needle bar driving link eyelet- - - - -	3
36 G	Washer, for looper connecting rod ball joint assembly No. 51241 - - - - -	4
43 C	Feed Lift Eccentric; also looper avoid eccentric (spot screw No. 96) - - - - -	6
TA 55 A	Hand Tachometer, 2000 to 8000 R.P.M. - - - - -	13
69 S	Spool Pin, four inches long, for thread stand- - - - -	18
69 FD	Screw, square head, cup point 5/16" diameter, 18 threads per inch, 5/8" long for thread stand seat - - - - -	4
73	Set Screw, for loopers - - - - -	3
74 A	Adjusting Screw, for puller clutch rocker; also for No. 38241 - - - - -	4
75 A	Screw, for looper rocker eccentric bearing - - - - -	3
77	Set Screw, for feed lift link pin; also for Nos. 51244 B, 52836 C - - - - -	3
79	Set Screw, for needle bar driving stud guides; also for No. 38257 U - - - - -	3
81	Spot Screw, for puller feed rolls; also for No. 21703- - - - -	3
87 U	Screw, for cast-off guide wire; also for Nos. 23167 W, 38259 E - - - - -	3
88	Set Screw, for looper rocker cone; also for No. 21113 B - - - - -	3
88 B	Set Screw, for looper rocker shaft spacing sleeves- - - - -	3
89	Set Screw, for presser roller hanger - - - - -	3
90	Screw, for frame thread eyelet; also for Nos. 21396 BF, 38259 H- - - - -	3
91	Clamp Screw, 3/8 inch long, for presser feet - - - - -	3
93	Screw, for feed dogs; also for Nos. 38245 L, 38254, 38254 G, 51244 B- - - - -	3
93 A	Screw, for take-up thread guard- - - - -	3
94	Screw, for main oil reservoir- - - - -	3
95	Set Screw, for take-up; also for Nos. 21703, 21713 B, 38237, 38238 N, 38242, 38248 A, 38248 B, 38251, 38251 A, 51147 - - - - -	3

LIST OF PARTS

Symbol to Order By	The figures in the last column refer only to the plates illustrating the parts and are not to be used in ordering. Prices furnished on application.	Plate No.
96	Spot Screw, for looper rocker frame; also for Nos. 43 C, 660-99, 38217 C, 38218 C-13, 38218 C-24, 38251, 38251 A, 51244, 52743- - - - -	3
96 A	Spot Screw, for take-up - - - - -	3
97	Screw, for looper drive lever ball stud guide fork; also for No. 38234- - - - -	3
97 A	Bearing Screw, for needle bar connecting rod; also for Nos. 51241, 51241 D, 51241 G, 55241 N - - - - -	3
97 B	Bearing Screw, for needle bar connecting rod on Styles 38200 C, 38200 D - - - - -	3
98	Set Screw, for needles; also for Nos. 482, 660-99, 2339 F, 33138 C, 51235, 51244, 52743- - - - -	3
100 B	Thread Stand Wire, 16 inches long (set screw No. 22632 F-24) - - - - -	16
109 B	Tension Disc- - - - -	2
110-4	Tension Spring, .049 inch diameter wire for needle thread - - - - -	7
110 A	Throw Out Spring, for knob shaft bevel gear - - - - -	7
118 B	Thread Tweezers - - - - -	14
187 A	Screw, for presser foot needle guard on 24 gauge machines- - - - -	3
258 A	Looper Rocker Cone Nut- - - - -	4
269	Looper Connecting Rod Nut, left thread; also for Nos. 38245 A, 51236 C- - - - -	4
303	Screw, for needle bar drive shaft coupling- - - - -	3
318	Screw, for puller clutch driving arm; also for for No. 38237 - - - - -	4
402	Lifter Lever Stop Pin - - - - -	3
413	Oil Can, complete - - - - -	17
422	Lifter Treadle (screw No. 22813)- - - - -	16
423	Lifter Treadle Base - - - - -	14
424	Lifter Treadle Pin (set screw No. 22813)- - - - -	11
482	Feed Rooker Shaft Collar (screw No. 98) - - - - -	10
539	Needle Thread Eyelet, left, 2 1/4 inches long (screw No. 22848, washer No. 20)- - - - -	8
605 A	Screw, for puller feed clutch shoe- - - - -	3
650-10	Stove Bolt, flat head, 1/4 x 1 1/4 for portable stand Nos. 38293 Q, 38293 R - - - - -	4
651-20	Nut, for presser bar lifter lever bell crank stud- - - - -	4
652 B-24	Lock Washer, for spool stand support; also for No. 38293 J - - - - -	4
660-30	Cotter Pin, for foot lifter connecting rod- - - - -	7
660-73	Needle Thread Lubricator Oil Reservoir- - - - -	8
660-74	Needle Thread Lubricator Oil Tube Connection Sleeve - - - - -	4
660-75	Needle Thread Lubricator Oil Tube Connection Sleeve Coupling - - - - -	4
660-90	Felt Wiper, for looper drive eccentric assembly- - - - -	7
660-99	Universal Joint, for puller clutch shaft (spot screw No. 96, set screw No. 98) - - - - -	11

LIST OF PARTS

Symbol to Order By	The figures in the last column refer only to the plates illustrating the parts and are not to be used in ordering. prices furnished on application.	Plate No.
660-100	Universal Joint, for main shaft and upper needle bar drive shaft (spot screw No. 22894, set screw No. 22894 A) - - - - -	11
660-114	Auxiliary Puller Feed Roller Driving Gear, for Styles 38200 D, 38200 F (screw No. 22816) - - - - -	10
660-115	Auxiliary Puller Feed Roller Driven Gear, for Styles 38200 D, 38200 F, (Screw No. 22816) - - - - -	10
660-116	Auxiliary Puller Feed Roller Chain, for Styles 38200 D, 38200 F - - - - -	10
666-13	Felt Wick, spring pressed, for main shaft bearings - - - - -	7
666-15	Oil Cup, for right main shaft bearings; also right needle bar driving shaft bearing - - - - -	8
666-16	Oil Drain Reservoir, glass - - - - -	17
666-19	Felt Wick, for feed crank link - - - - -	7
666-48	Oil Cup, for needle bar connecting rod assembly - - - - -	8
666-79	Sight Feed Oiler, for oiling left needle bar drive shaft bearing - - - - -	8
667 D-22	Dowel Pin, for puller clutch bracket - - - - -	5
667 G-40	Dowel Pin, for sewing head - - - - -	5
668-1	Thread Eyelet Insert, for thread lead-in eyelet - - - - -	2
668-14	Thread Eyelet Insert Locking Ferrule, for thread lead-in eyelets - - - - -	2
1248	Feed Crank Link Shim, leather - - - - -	7
2339 F	Auxiliary Puller Feed Roller Shaft Collar (screw No. 98) - - - - -	7
7947	Feed Crank Link Nut; also for No. 51245 - - - - -	4
8372 A	Looper Drive Ball Joint Locking Stud Washer - - - - -	4
9846	Screw, for lifter lever bell crank spring - - - - -	4
11635 F	Nut, for driving eccentric connecting rod rear bearing assembly; also for No. 21396 BF - - - - -	4
11638 M	Nut, for needle thread lubricator oil reservoir - - - - -	4
11698 L	Nut, for attaching thread stand spool seat to bracket - - - - -	4
12538	Nut, for right looper connecting rod and ball joint - - - - -	4
15430 C	Puller Driving Eccentric Connecting Rod Nut, left thread - - - - -	4
15430 D	Puller Driving Eccentric Connecting Rod Nut, right thread - - - - -	4

LIST OF PARTS

Symbol to Order By	The figures in the last column refer only to the plates illustrating the parts and are not to be used in ordering. Prices furnished on application.	Plate No.
*15430 E	Puller Driving Eccentric Connecting Rod Bearing, rear (screw No. 22587) - - - - -	12
15465 F	Looper Rocker Cone (screw No. 88, nut No. 258 A) - - - - -	6
16164	Tension Post Ferrule, length overall 13/32 inch - - - - -	2
16642	Washer, for thread stand spool seats - - - - -	7
17120 B-24	Presser Foot, for No. 24 gauge three needle machines (clamp screw No. 91, needle guard screw No. 187 A) - - - - -	1
21104 F	Spool Seat Pad - - - - -	18
21113 A	Thread Stand Wire Extension, 6 inches long (set screw No. 22632 F-24) - - - - -	11
21113 B	Thread Stand Wire Coupling (screw No. 88) - - - - -	7
21130 A-3	Thread Stand Seat, 3 spools (screw No. 69 FD) - - - - -	18
21145	Cone, wood, for thread stand - - - - -	14
21201	Screw Driver, 9/64 inch round blade, length overall 7 5/8 inches - - - - -	17
21202	Screw Driver, 7/32 inch round blade, length overall 11 1/4 inches - - - - -	17
21203	Screw Driver, 13/64 inch round blade, length overall 15 1/2 inches - - - - -	17
21204	Screw Driver, 9/32 inch round blade, length overall 15 inches - - - - -	17
21205 A	Screw Driver, 3/8 inch round blade, length overall 14 inches - - - - -	17
21225-5/32	Looper Adjustment Gauge, 5/32 inch measurement - - - - -	7
21225-1/4	Looper Adjustment Gauge, 1/4 inch measurement - - - - -	7
21227 HK	Thread Eyelet Insert Replacement Tool Set, for assembling 1/8 inch internal diameter eyelet inserts No. 668-1 and ferrules No. 668-14 in thread lead-in eyelet assembly. Ferrules should always be replaced - - - - -	13
21231	Thread Meter, for recording the consumption of thread in 1/10 yard as it passes into the sewing machine - - - - -	16
21236	Belt Plier, for 3/8 inch and smaller round belting - - - - -	17
21260	Emery Cord, 3/64 inch diameter, grade No. 120, fifty yard spool - - - - -	-
21260 A	Emery Cord, 3/64 inch diameter, grade No. 150, fifty yard spool - - - - -	-
21260 B	Emery Cord, 1/32 inch diameter, grade No. 180, fifty yard spool - - - - -	-
21260 C	Emery Cord, .025 inch diameter, grade No. 200, fifty yard spool - - - - -	-

LIST OF PARTS

Symbol to Order By	The figures in the last column refer only to the plates illustrating the parts and are not to be used in ordering. Prices furnished on application.	Plate No.
21260 D	Emery Tape, 3/32 inch wide, grade No. 180, fifty yard spool - - - - -	—
21260 E	Emery Cord, .018 inch diameter, grade No. 200, fifty yard spool - - - - -	—
21262 C-37	Leather belt, "V" style, 5/16 inch outer width, 27 inches long, includes wire belt hook No. 21351 - - - - -	—
21350	Belt Fastener, malleable iron, for 1 inch flat belt - - - - -	7
21351	Belt Hook, wire, for "V" style belt - - - - -	7
21369 A	Wing Nut, for belt guard stud - - - - -	4
21388	Wrench, single end, 3/8 inch openings - - - - -	14
21388 L	Wrench, for 1/4 inch Allen socket head set screw - - - - -	14
21388 N	Wrench, double end, 3/16 and 5/16 inch openings - - - - -	14
21388 R	Wrench, double end, 3/8 and 1/2 inch open- ings - - - - -	14
21388 AE	Socket Wrench Assembly, for 9/32 inch and 3/8 inch hexagonal nuts for looper lever ball stud locking stud - - - - -	14
21394	Utility Grinder, including emery wheel, 5 inches diameter, 1/4 inch face, round belt drive, recommended speed 3000 R.P.M. - - - - -	—
21394 G	Emery Wheel, 5 inches diameter, 1/4 inch face, 3/8 inch hole, grade "M" emery 60 - - - - -	—
21394 H	Emery Wheel, 5 inches diameter, 1/2 inch face, 3/8 inch hole, grade "M" emery 60 - - - - -	—
21394 K	Utility Grinder, including emery wheel, 5 inches diameter, 1/2 inch face, round belt drive, recommended speed 3000 R.P.M. - - - - -	—
21396 AG	Needle Thread Lubricator Felt - - - - -	8
21396 AL	Needle Thread Lubricator Oil Reservoir Adapter - - - - -	8
21396 AN	Needle Thread Lubricator Oil Tube Clip - - - - -	7
21396 AP	Needle Thread Lubricator Oil Reservoir Oil Tube, 10 1/4 inches long - - - - -	15
21396 AS	Needle Thread Lubricator Cup (screw No. 22570) - - - - -	8
21396 BF	Needle Thread Lubricator Oil Reservoir - - - - -	18
21396 BG	Needle Thread Lubricator Oil Reservoir Bracket - - - - -	14
21703	Puller Driving Eccentric, 4 to 7 stitches per inch (spot screw No. 81, set screw No. 95) - - - - -	12
*21707	Puller Driving Eccentric Bearing (screw No. 22587) - - - - -	12
21710	Puller Driving Eccentric Connecting Rod Rear Bearing Ball Stud - - - - -	12

*See page 5

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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. Prices furnished on application.	Plate No.
21712	Puller Driving Eccentric Connecting Rod Rear Bearing Ball Stud Washer - - - - -	7
21713 B	Puller Feed Clutch Collar; also for No. 21715 D (set screw No. 95) - - - - -	10
21713 E	Puller Clutch Shoe; also for No. 21715 D (screw No. 605) - - - - -	6
21715 D	Puller Check Clutch - - - - -	9
21717 C	Puller Clutch Housing (screw No. 22590) - - - - -	14
21718 A	Puller Clutch Roller Spring - - - - -	7
21718 B	Puller Clutch Roller Spring Pin - - - - -	5
21719 B	Puller Clutch Roller, .375 inch diameter - - - - -	5
21723	Puller Presser Roller Axle Assembly, for 1 1/4 inch presser rollers; includes one each of Nos. 21723 A, 21724, 21725, 28619 - - - - -	10
21723 A	Puller Presser Roller Axle, 1 11/16 inches long - - - - -	10
21724	Puller Presser Roller Axle Spring - - - - -	8
21725	Puller Presser Roller Axle Spring Screw - - - - -	3
21756 G	Screw Pin, 1/2 inch long, for oil drain assembly - - - - -	3
22508	Set Screw, square head, 1/2 inch long for Pitman lifter lever - - - - -	4
22517	Screw, for auxiliary puller roller presser bar bracket; also Nos. 38251 R, 38251 S - - - - -	3
22519 C	Screw, for feed rocker arm - - - - -	3
22527	Set Screw, for presser bar guide pin; also for No. 51321 - - - - -	3
22537 A	Screw, headless, for needle thread lubri- cator oil reservoir - - - - -	4
22539 B	Plug Screw, headless, for left needle bar drive shaft bearing - - - - -	3
22539 C	Plug Screw, headless, for screw driver hole for spot and set screws on needle bar drive shaft coupling, left section - - - - -	3
22560 B	Set Screw, for feed bar - - - - -	3
22561	Screw, for lap seam guide - - - - -	3
22569	Screw, for feed crank link; also for No. 51245 - - - - -	3
22570	Screw, fillister head, for throat plates; also for No. 21396 AS - - - - -	3
22574	Screw, 21/32 inch long, for cloth plate; also for Nos. 38201 N, 38201 P - - - - -	3
22585	Screw, for needle thread pull-up; also for No. 38254 P - - - - -	3
22585 B	Screw, for needle rear guard - - - - -	3
22587	Screw, for puller driving eccentric bearing; also for No. 15430 E) - - - - -	4
22590	Spot Screw, headless, for puller clutch housing; also for No. 51321 - - - - -	3
22591	Set Screw, headless, for puller press bar guide 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. Prices furnished on application.	Plate No.
22593	Screw, for needle bar connecting rod ball stud guide fork - - - - -	3
22597 A	Screw, for looper drive lever shaft bushing - - - - -	3
22605	Cap Screw, 1 1/4 inches long, for puller clutch bracket - - - - -	8
22608 A	Cap Screw, 1 1/4 inches long, for attaching bed to portable stand - - - - -	8
22610 A	Cap Screw, 1 3/4 inches long, for attaching bed to portable stand - - - - -	8
22611 A	Cap Screw, 2 1/2 inches long, for attaching sewing head to bed - - - - -	8
22632 F-24	Set Screw, square head, cup point, 3/8 inch long, 3/16 inch diameter, 24 threads per inch, for thread stand wire; also for No. 38242 Q - - - - -	3
22716	Screw, for needle stop plate - - - - -	3
22726 A	Screw, for cloth plate cover spring - - - - -	3
22737	Screw, for cast-off plate - - - - -	3
22752	Set Screw, with pilot, for middle needle on three needle machines - - - - -	3
22758	Screw, for presser bar lifter lever link - - - - -	3
22768	Screw, for feed crank stud cap; also for No. 38250 G - - - - -	3
22777 A	Lifter Lever Stud, for Styles 38200 D, 38200 F - - - - -	4
22781	Screw, for cast-off support eyelet, left - - - - -	3
22795	Stitch Regulating Screw - - - - -	3
22799 D	Hinge Screw, length overall 49/64 inch, dia- meter .124 inch, for presser foot bottom on No. 13 gauge machines - - - - -	3
22801	Stop Screw, for stitch regulating screw; also for No. 38225 - - - - -	3
22806	Screw, for auxiliary puller roll shaft bearing bracket - - - - -	4
22813	Set Screw, for knob shaft bevel gear; also for No. 424 - - - - -	3
22816	Set Screw, for auxiliary puller feed roller driving gear on Styles 38200 D, 38200 F; also for No. 660-115 - - - - -	3
22829	Locking Screw, for looper rocker cone nut - - - - -	3
22834	Screw, for regulating needle rear guard - - - - -	3
22839	Screw, fillister head, for throat plate support - - - - -	3
22848	Screw, for face plate; also for Nos. 539, 38259 G - - - - -	3
22853	Screw, for presser bar lifter arm, right - - - - -	3
22853 A	Screw, for presser bar lifter arm, left - - - - -	3
22854	Screw, for puller presser roller lifter lever - - - - -	3

LIST OF PARTS

Symbol to Order By	The figures in the last column refer only to the plates illustrating the parts and are not to be used in ordering. Prices furnished on application.	Plate No.
22857 A	Screw, for presser bar lifter lever - - - - -	3
22894	Spot Screw, for needle bar drive shaft driving gear; also Nos. 660-100, 38233, 38235 D - - - - -	3
22894 A	Set Screw, for needle bar drive shaft driving gear; also Nos. 660-100, 38233, 38235 D - - - - -	3
23144	Lifter Lever Washer - - - - -	4
23167 W	Lap Seam Guide Assembly; one each Nos. 87 U, 22561, 23167 X, 23167 Y, 23167 Z, 23425 V (screw No. 25 C) - - - - -	8
23167 X	Base, for lap seam guide - - - - -	8
23167 Y	Lap Seam Guide, right (screw No. 22561) - - - - -	8
23167 Z	Lap Seam Guide, left (screw No. 87 U) - - - - -	8
23425 V	Washer Plate, for lap seam guide assembly (screw No. 25 C) - - - - -	8
28604	Transmitter Lubricant, No. 3 Arctic Cup Grease, 5 lb. package - - - - -	—
28606-1/2	Powdered Oil Stone, 1/2 lb. package - - - - -	—
28606-1	Powdered Oil Stone, 1 lb. package - - - - -	—
28619	Puller Presser Roller Axle Ball - - - - -	4
*29105 B	Looper Drive Eccentric Assembly, includes eccentric No. 51243, for Styles 38200 E, 38200 F (set screw No. 98, spot screw No. 96, bearing screw, upper, No. 75 A, bearing screw lower, No. 97 A) - - - - -	12
*29105 C	Looper Drive Eccentric Assembly, includes eccentric No. 52743, for Styles Nos. 38200 C, 38200 D (set screw No. 98, spot screw No. 96, bearing screw, upper, No. 75 A, bearing screw, lower, No. 97 A) - - - - -	12
29138 F	Puller Clutch Driving Eccentric Assembly, stitch range 4 to 7 per inch; one each Nos. 21703, 21707 - - - - -	12
29139	Puller Clutch Driving Connecting Rod Rear Bearing Assembly; one each Nos. 15430 E, 21710 - - - - -	—
29192 E	Looper Rocker Assembly; one each Nos. 15465 F, 38213, 51745 lapped together, Nos. 258 A, 22829; two No. 88 - - - - -	9
29402	Lifter Treadle Assembly; one each Nos. 422, 423, 424, 22813 - - - - -	16
33138 C	Puller Clutch Rocker Collar (screw No. 98) - - - - -	7
35141 B	Washer, for puller clutch driving link - - - - -	4
38201	Cloth Plate (screw No. 22574) - - - - -	18
38201 N	Cloth Plate Extension, for Styles 38200 C, 38200 E (screw No. 22574) - - - - -	18
38201 P	Cloth Plate Extension, for Styles 38200 D, 38200 E (screw No. 22574) - - - - -	18
38204	Cast-Off Plate (screw No. 22737) - - - - -	9
38204 A	Cast-Off Wire (screw No. 87 U) - - - - -	9

LIST OF PARTS

Symbol to Order By	The figures in the last column refer only to the plates illustrating the parts and are not to be used in ordering. Prices furnished on application.	Plate No.
38205 A-24	Feed Dog, for 24 gauge three needle machines (screw No. 93) - - - - -	2
38205 B-13	Feed Dog, for 13 gauge three needle machines (screw No. 93) - - - - -	2
38208 D-13	Looper, front, for 13 gauge three needle machines (set screw No. 73) - - - - -	2
38208 D-24	Looper, front, for 24 gauge (set screw No. 73) - - - - -	2
38209 C	Looper, middle, for three needle machines (set screw No. 73) - - - - -	2
38209 D-13	Looper, back, for 13 gauge three needle machines (set screw No. 73) - - - - -	2
38209 D-24	Looper, back, for No. 24 gauge (set screw No. 73) - - - - -	2
38213	Looper Rocker, marked "A" - - - - -	9
38217 C	Needle Bar (set screw No. 96) - - - - -	15
38218 C-13	Needle Holder, for 13 gauge three needle machines (spot screw No. 96, needle set screw, middle, No. 22752, needle set screw, outer, No. 98) - - - - -	1
38218 C-24	Needle Holder, for 24 gauge three needle machines (spot screw No. 96, needle set screw, middle, No. 22752, needle set screw, outer, No. 98) - - - - -	1
38220 B-13	Presser Foot Assembly, for No. 13 gauge three needle machines; one each Nos. 22799 D, 38230, 38230 B-13, 38230 S; two No. 25 B- - - - -	1
38222	Main Shaft, left middle section - - - - -	15
38222 A	Main Shaft, right middle section - - - - -	18
38222 B	Main Shaft, right section - - - - -	15
38223	Shielded Disc Take Up (spot screw No. 96 A, set screw No. 95) - - - - -	9
38224 A-24	Throat Plate, for 24 gauge three needle machines (screw No. 22570) - - - - -	1
38224 B-13	Throat Plate, for 13 gauge three needle machines (screw No. 22570) - - - - -	1
38225	Needle Rear Guard (screw No. 22585 B, washer No. 39236 A) - - - - -	1
38230	Presser Foot Shank, for No. 13 gauge machines (clamp screw No. 91) - - - - -	1
38230 B-13	Presser Foot Bottom, for 13 gauge machines (hinge screw No. 22799 D) - - - - -	1
38230 S	Presser Foot Needle Guard, for 13 gauge machines (screw No. 25 B) - - - - -	1
38233	Needle Bar Drive Shaft Coupling, left section (spot screw No. 22894, set screw No. 22894 A) - - - - -	12
38233 A	Needle Bar Drive Shaft Coupling, right section (screw No. 303, washer No. 20) - - - - -	12

LIST OF PARTS

Symbol to Order By	The figures in the last column refer only to the plates illustrating the parts and are not to be used in ordering. Prices furnished on application.	Plate No.
38234	Feed Bar (screw No. 22560 B) - - - - -	9
38235 A	Needle Bar Drive Shaft Driving Gear, steel (spot screw No. 22894, set screw No. 22894 A) - - - - -	10
38235 D	Needle Bar Drive Shaft Driven Gear, fibroid (spot screw No. 22894, set screw No. 22894 A) - - - - -	10
38236	Needle Bar Drive Shaft, left section, for Styles 38200 E, 38200 F- - - - -	15
38236 B	Needle Bar Drive Shaft, right section- - - - -	15
38236 C	Needle Bar Drive Shaft, middle section - - - - -	18
38236 D	Needle Bar Drive Shaft, left section, for machines Styles 38200 C, 38200 D - - - - -	15
38237	Puller Clutch Bracket (screw No. 22605, dowel pin No. 667 D-22) - - - - -	18
38237 N	Puller Feed Clutch - - - - -	9
38238 A	Puller Clutch Shaft- - - - -	15
38238 G	Puller Clutch Shaft Universal Joint Connecting Stud - - - - -	5
38238 N	Puller Clutch Shaft Collar (screw No. 95) - - - - -	7
38239	Puller Clutch Driving Arm (screw No. 318) - - - - -	12
38239 G	Puller Driving Eccentric Connecting Rod (nut, left thread, No. 15430 C, nut, right thread, No. 15430 D) - - - - -	5
38240	Puller Clutch Rocker - - - - -	9
38241	Puller Clutch Driving Link (screw No. 74 A) - - - - -	12
38241 G	Puller Clutch Driving Link Bushing - - - - -	5
38241 U	Puller Clutch Feed Regulating Slide Block-Knob, for operating machine manually (screw No. 95) - - - - -	4
38242	Knob Shaft - - - - -	10
38242 G	Knob Shaft Bevel Gear (screw No. 22813) - - - - -	11
38242 N	Main Shaft Bevel Gear, for operating machine manually (screw No. 22632 F-24) - - - - -	10
38242 Q	Looper Lever Shaft (screw No. 22597 A) - - - - -	11
*38243	Needle Bar Connecting Rod (screw No. 97 A) - - - - -	12
*38245	Needle Bar Connecting Rod (upper bearing screw No. 97 A, lower bearing screw, front, No. 97 A, rear, No. 97 B; upper bearing nut No. 18, lower bearing nut No. 269) - - - - -	12
*38245 A	Needle Bar Connecting Rod Assembly; one each Nos. 38245 A, 38245 C, 38245 L, for Styles 38200 C, 38200 D- - - - -	12
*38245 B	Needle Bar Connecting Rod Assembly; one each Nos. 38245, 38245 C, 38245 L, for Styles 38200 E, 38200 F- - - - -	12
*38245 D	Needle Bar Bushing, upper - - - - -	5
38245 E	Needle Bar Bushing, lower - - - - -	5
38245 F		

LIST OF PARTS

Symbol to Order By	The figures in the last column refer only to the plates illustrating the parts and are not to be used in ordering. Prices furnished on application.	Plate No.
38245 J-13	Needle Stop Plate, for 13 gauge three needle machines (screw No. 22716) - - - -	1
38245 J-24	Needle Stop Plate, for 24 gauge three needle machines (screw No. 22716) - - - -	1
38245 L	Needle Bar Connecting Rod Driving Stud (screw No. 93) - - - - -	6
38245 P	Needle Bar Connecting Rod Ball Stud Guide Fork and Eyelet Support - - - - -	6
38245 Q	Needle Bar Connecting Rod Ball Stud Guide Fork Yoke (screw No. 22593) - - - - -	6
38245 S	Needle Bar Connecting Rod Driving Stud Guide, front, (screw No. 79) - - - - -	6
38245 T	Needle Bar Connecting Rod Driving Stud, rear, (screw No. 79) - - - - -	6
38246 N	Looper Thread Take Up Guard (screw No. 93 A) - - - - -	8
38247 A	Presser Bar - - - - -	15
38247 D	Presser Bar Spring - - - - -	8
38247 G	Presser Bar Bearing, lower - - - - -	5
38247 N	Presser Bar Guide Pin (screw No. 22537); also puller presser bar guide pin (screw No. 22591) - - - - -	5
38247 R	Presser Bar Lifter Arm (screw, left, No. 22853 A; screw, right, No. 22853) - - - -	6
38247 T	Presser Bar Lifter Lever (screw No. 22857 A) - - - - -	12
38247 W	Presser Bar Lifter Lever Link (screw No. 22758) - - - - -	12
38248 A	Puller Feed Roller, rubber, 1 1/4 inches long (set screw No. 95, spot screw No. 81) - - - - -	10
38248 B	Puller Feed Roller, steel, 2 1/4 inches long (set screw No. 95, spot screw No. 81) - - - - -	10
38249	Puller Feed Roller Shaft - - - - -	11
38249 A	Auxiliary Puller Feed Roller Shaft, for Styles 38200 D, 38200 F - - - - -	15
38250 A	Puller Presser Roller, wood, 1 1/4 inches long - - - - -	10
38250 B	Puller Presser Roller, steel, 1 1/4 inches long - - - - -	10
38250 G	Auxiliary Puller Presser Roller Guard, for Styles 38200 D, 38200 F (screw No. 22768) -	13
38251	Puller Presser Roller Hanger (spot screw No. 96, set screw for shank No. 95; set screw for right hand prong No. 89) - - - -	10
38251 A	Auxiliary Puller Presser Roller Hanger, for Styles 38200 D, 38200 F (spot screw No. 96, set screw, for shank, No. 95; set screw for right hand prong No. 89) - - - -	10
38251 E	Puller Roller Presser Bar - - - - -	11

LIST OF PARTS

Symbol to Order By	The figures in the last column refer only to the plates illustrating the parts and are not to be used in ordering. Prices furnished on application.	Plate No.
38251 L	Puller Roller Presser Bar Spring - - - - -	8
38251 M	Puller Roller Presser Bar Bushing, and spring regulator, upper - - - - -	5
38251 N	Puller Roller Presser Bar Bushing, lower - - -	5
38251 R	Puller Roller Presser Bar Lifter Arm (screw No. 22517) - - - - -	6
38251 S	Auxiliary Puller Roller Presser Bar Lifter Arm, for Styles 38200 D, 38200 F (screw No. 22517) - - - - -	12
38251 W	Lifter Lever Stud Collar - - - - -	4
38251 X	Auxiliary Puller Roller Presser Bar Lifter Lever, for Styles 38200 D, 38200 F (shoulder screw No. 22854, spring washer No. 22144, collar No. 38251 W) - - - - -	14
38251 Y	Puller Roller Presser Bar Lifter Lever, left (screw No. 22854) - - - - -	14
38252	Needle Bar Drive Shaft Bushing, right - - - -	11
38252 G	Main Shaft bushing, middle and middle right; also needle bar drive shaft bushing, middle -	11
38252 N	Main Shaft Bushing, right - - - - -	11
38252 V	Needle Bar Drive Shaft Bushing, left - - - -	11
38253	Face Plate (screw No. 22848) - - - - -	13
38254	Needle Bar Drive Shaft Gear Chamber Cover, upper; also needle bar drive shaft universal joint opening cover (screw No. 93) - - - -	13
38254 G	Needle Bar Drive Shaft Gear Chamber Cover, rear (screw No. 93) - - - - -	13
38254 P	Needle Bar Drive Shaft Chamber Cover, right (screw No. 22585) - - - - -	13
38254 Q	Needle Bar Drive Shaft Chamber Cover Gasket, right - - - - -	13
38254 R	Needle Bar Drive Shaft Gear Chamber Cover Gasket, upper; also for needle bar drive shaft universal joint opening cover - - - -	13
38254 S	Needle Bar Drive Shaft Gear Chamber Cover Gasket, rear - - - - -	13
38255	Throat Plate Support (screw No. 22839) - - - -	16
38257 U	Cast-off Plate Support (screw No. 79) - - - -	9
38257 W	Cast-off Plate Support Clamp Plate - - - - -	6
38259	Looper Frame Thread Eyelet (eyelet insert No. No. 668-1, insert ferrule No. 668-14, screw No. 90) - - - - -	8
38259 B	Auxiliary Puller Frame Needle Thread Eyelet (eyelet insert No. 668-1, insert ferrule No. 668-14, screw No. 90) - - - - -	8
38259 E	Cast-off Support Eyelet, right (screw No. 87 U) -	2
38259 F	Cast-off Support Eyelet, left (screw No. 22781) -	2
38259 G	Looper Thread Frame Eyelet (washer No. 20, screw No. 22848) - - - - -	2
38259 H	Needle Bar Connecting Rod Driving Stud Eyelet (screw No. 90) - - - - -	2

LIST OF PARTS

Symbol to Order By	The figures in the last column refer only to the plates illustrating the parts and are not to be used in ordering. Prices furnished on application.	Plate No.
38259 J	Needle Bar Connecting Rod Driving Link Eyelet (screw No. 28) - - - - -	2
38260 A	Auxiliary Puller Presser Roller Bar Bracket, for Styles 38200 D, 38200 F (screw No. 22517) - - - - -	16
38261 A	Auxiliary Puller Feed Roller Shaft Bearing Bracket, for Styles 38200 D, 38200 F (screw No. 22306) - - - - -	18
38270	Needle Thread Pull-up (screw No. 22585) - - - - -	9
38291	Oil Drain Extension Pipe - - - - -	—
38291 D	Oil Drain Clamp - - - - -	—
38292	Spool Stand Bracket (screw No. 22611 A) - - - - -	16
38292 G	Spool Stand Support Stud - - - - -	4
38293 Q-115	Portable Stand, complete, with 3/4 H.P., D.C. 115 volts electric motor and electrical accessories, for Styles 38200 E, 38200 F - - - - -	—
38293 Q-161	Portable Stand, complete, for single phase, A.C., 60 cycle, 110 volts electric motor - - - - -	—
38293 Q-162	Portable Stand, complete, for single phase, A.C., 60 cycle, 220 volts electric motor - - - - -	—
38293 Q-230	Portable Stand, complete, for D.C., 230 volts electric motor - - - - -	—
38293 Q-362	Portable Stand, complete, for 3 phase, A.C., 60 cycle, 220 volts electric motor - - - - -	—
38293 Q-364	Portable Stand, complete, for 3 phase, A.C., 60 cycle, 440 volts electric motor - - - - -	—
38293 R-115	Portable Stand, complete, with 3/4 H.P., D.C., 115 volts electric motor and electrical accessories for Styles 38200 C, 38200 D - - - - -	—
38293 R-161	Portable Stand, complete, for single phase, A.C., 60 cycle, 110 volts electric motor - - - - -	—
38293 R-162	Portable Stand, complete, for single phase, A.C., 60 cycle, 220 volts electric motor - - - - -	—
38293 R-230	Portable Stand, complete, for D.C., 230 volts electric motor - - - - -	—
38293 R-362	Portable Stand, complete, for 3 phase A.C., 60 cycle, 220 volts electric motor - - - - -	—
38293 R-364	Portable Stand, complete, for 3 phase, A.C., 60 cycle, 440 volts electric motor - - - - -	—
38294 G	Pitman Lifter Lever (screw No. 22508) - - - - -	12
38294 U	Foot Lifter Bell Crank - - - - -	12
38295	Foot Lifter Bell Crank Stud (nut No. 651-20) - - - - -	11
38295 C	Foot Lifter Lever Bell Crank Spring - - - - -	7
38295 G	Foot Lifter Connecting Rod - - - - -	18
38297	Bed Cushioning Springs, for left hand attaching screws - - - - -	7
38297 A	Bed Isolating Pads - - - - -	17
38299 A	Belt Guard - - - - -	—
38299 H	Belt Guard Stud (wing nut No. 21369 A) - - - - -	11

LIST OF PARTS

Symbol to Order By	The figures in the last column refer only to the plates illustrating the parts and are not to be used in ordering. Prices furnished on application.	Plate No.
39135	Feed Bar Shaft - - - - -	11
39236	Needle Rear Guard Washer - - - - -	4
51147	Main Shaft Collar (screw No. 95) - - - - -	7
51192 A	Looper Thread Tension Eyelet; also left needle thread tension eyelet (eyelet insert No. 668-1, insert ferrule No. 668-14) - - - - -	2
51192 G	Needle Thread Tension Eyelet, right (eyelet insert No. 668-1, ferrule No. 668-14) - - - - -	2
51222	Main Shaft, left section - - - - -	15
51235	Feed Rocker (screw No. 98) - - - - -	9
51235 B	Feed Rocker Shaft - - - - -	11
51235 G	Feed Rocker Arm Washer - - - - -	4
51236	Feed Crank Link (oil wick No. 666-19, shim No. 1248, screw No. 22569, nut No. 7947) - - - - -	6
51236 A	Feed Crank Link Pin (screw No. 77) - - - - -	5
51236 B	Stitch Regulating Stud Cap (screw No. 22768) - - - - -	6
51236 C	Feed Crank Stud (nut No. 269) - - - - -	6
51240 A	Looper Connecting Rod, adjusting section (nut, right thread, No. 18, nut, left thread, No. 269) - - - - -	5
51240 B	Looper Connecting Rod Jointed Section Sleeve - - - - -	6
51240 C	Looper Connecting Rod Jointed Section Sleeve Spring - - - - -	7
*51241	Looper Connecting Rod, jointed section, and ball joint assembly, right, for machines equipped with looper drive levers Nos. 51242 T, 52742 E (ball stud washer No. 36 G, bearing screw No. 97 A, jointed section sleeve No. 51240 B, sleeve spring No. 51240 C, nut No. 12538) - - - - -	9
*51241 D	Looper Connecting Rod Ball Joint Assembly, left, for machines equipped with looper drive levers Nos. 51242 T, 52742 E (bearing screw No. 97 A, nut No. 18) - - - - -	6
*51241 G	Looper Connecting Rod, jointed section, and ball joint assembly, right, with .232 inch diameter shoulder on ball stud, for machines equipped with looper drive levers Nos. 51242 U, 52742 F (ball stud washer No. 51741 E, bearing screw No. 97 A, jointed section sleeve No. 51240 B, sleeve spring No. 51240 C) - - - - -	9
51242 B	Looper Lever Shaft Bushing (screw No. 22597 A) - - - - -	5
51242 C	Looper Drive Lever Bushing - - - - -	5
51242 T	Looper Drive Lever, steel, with threaded hole for ball stud, for Styles 38200 E, 38200 F - - - - -	9
51242 U	Looper Drive Lever, steel, with .232 inch diameter reamed hole for ball stud, for Styles 38200 E, 38200 F - - - - -	9
51243 B	Looper Drive Lever Ball Stud - - - - -	6

LIST OF PARTS

Symbol to Order By	The figures in the last column refer only to the plates illustrating the parts and are not to be used in ordering. Prices furnished on application.	Plate No.
51243 C	Looper Drive Lever Ball Stud Guide Fork (screw No. 97) - - - - -	6
51243 E	Looper Drive Lever Connection Felt Retainer - - - - -	7
51244	Looper Rocker Frame (spot screw No. 96, set screw No. 98) - - - - -	9
51244 A	Looper Rock Shaft - - - - -	11
51244 B	Looper Rock Shaft Arm (set screw No. 77, clamp screw No. 93) - - - - -	6
51244 C	Looper Rock Shaft Spacing Sleeve (screw No. 88 B) - - - - -	5
51244 E	Looper Rock Shaft Bushing - - - - -	5
51245	Looper Avoid Eccentric Link and Feed Lift Eccentric Link (shim No. 51245 A, screw No. 22569, nut No. 7947) - - - - -	6
51245 A	Looper Avoid Eccentric Link Oil Retaining Pad - - - - -	7
51246	Looper Rocker Stud Nut - - - - -	4
51281-216	Cloth Plate Cover, 6 3/4 inches long - - -	16
51281 F	Cloth Plate Cover Spring (screw No. 22726 A) - - - - -	8
51290	Main Shaft Bushing, inner, left, 3/4 inch long - - - - -	5
51290 D	Main Shaft Bushing, left, 3/4 inch long - -	5
51292	Tension Post - - - - -	5
51292 C	Tension Regulating Nut - - - - -	4
51292 F-2	Tension Spring, .022 inch diameter wire - -	7
51294	Oil Drain Assembly, includes one each of Nos. 666-16, 21756 G, 51294 A, 51294 B -	17
51294 A	Oil Drain Clamp Spring - - - - -	17
51294 B	Oil Drain Connection - - - - -	17
51321	Pulley, round belt, working diameter 3 3/8 inches (spot screw No. 22590, set screw No. 22537) - - - - -	14
51741 E	Washer, for looper connecting rod ball joint assembly No. 51241 G - - - - -	4
51745	Looper Rocker Cone Stud - - - - -	6
52742 E	Looper Drive Lever, steel, with threaded hole for ball stud, for Styles 38200 C, 38200 D - - - - -	9
52742 F	Looper Drive Lever, steel, with .232 inch diameter reamed hole, for ball stud, for Styles 38200 C, 38200 D - - - - -	9
52743 F	Main Oil Reservoir (oil tube No. 660-108, screw No. 94) - - - - -	15
52834 N	Looper Drive Ball Joint Locking Stud Nut -	4
52836 C	Feed Rocker Arm (clamp screw No. 22519 C -	9
52841	Looper Drive Ball Joint Locking Stud (washer No. 8372 A, nut No. 52834 N) - -	5

LIST OF PARTS

Symbol to Order By	The figures in the last column refer only to the plates illustrating the parts and are not to be used in ordering. Prices furnished on application.	Plate No.
*55241 N	Looper Connecting Rod Ball Joint Assembly, left, for machines equipped with looper drive levers Nos. 51242 U, 52742 F, (bearing screw No. 97 A, nut No. 18) - - - -	6
61256 G	Presser Spring Washer - - - - -	4
61257 G	Presser Bar Regulating Bushing - - - - -	5

High speed Union Specials are available for all canvas seaming operations.

Style 3300 S - For binding edges, scallops, etc., on awnings with the single needle double locked zig-zag stitch Type 404. This is a flat bed machine, fitted with a selvage edge English binding attachment for handling either 5/8" or 3/4" binding.

Class 35800 - Heavy duty, feed-off-the-arm cylinder felling machine for closing tubular portions of canvas garments, canvas irrigation hose, powder plant safety chutes, etc. Can be fitted for one, two or three needle work on plain lapped or felled seams. Stitch Type 401.

Style 39200 L - A compact, high speed overseamer for finishing the edges of awning scallops with the 3-thread square edge stitch Type 505 in widths from 7/32 to 1/4 inch and with 7 to 18 stitches per inch. Built-in trimmer.

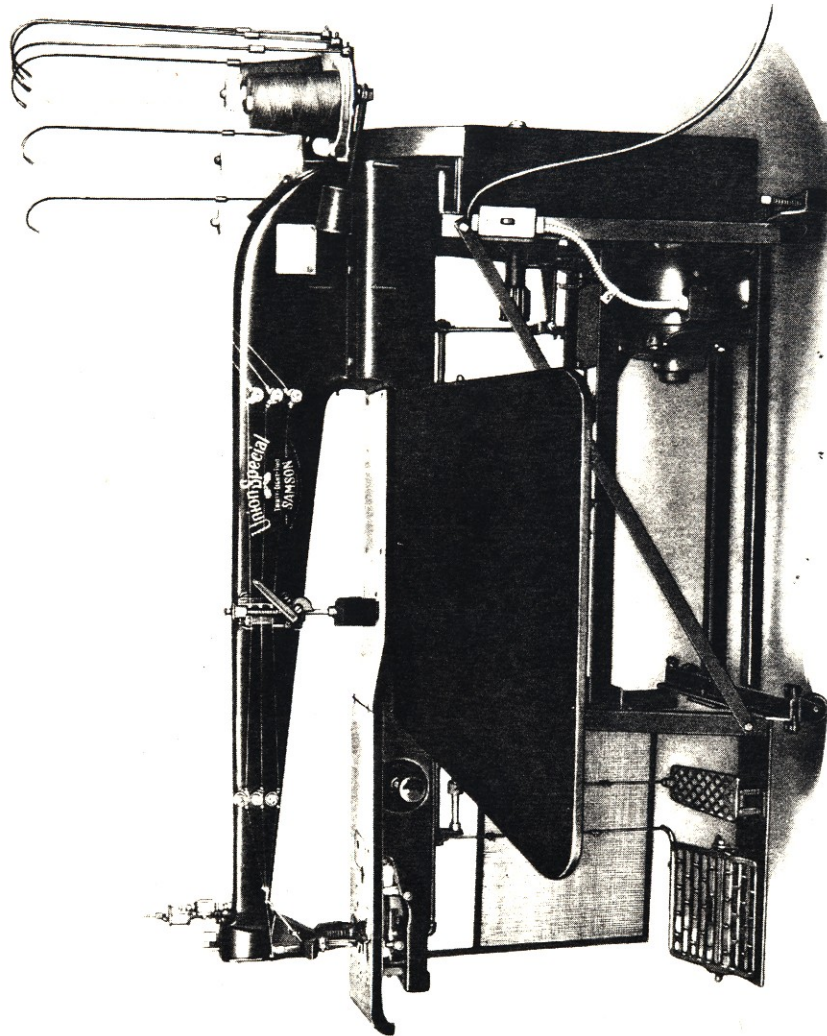
Style 51300 K - A modern, enclosed type, single needle, flat bed machine equipped with puller for miscellaneous operations on tents, awnings, tarpaulins, etc. 3 1/2 inches of space to right of needle. Makes double locked stitch Type 401.

Style 51500 L - The popular 2-needle machine for making main seams in canvas goods for outdoor use. Similar to Style 51300 K. Features enclosed type oiling system for looper drive eccentric and crank. Equipped with built-in puller. Seam Specification 401-LSa-2. Offered in No. 26 gauge or No. 48 gauge.

Style 51900 K - Makes triple stitch lap seam 401-LSa-3. Similar in construction to Style 51500 L. Stitch range 7 to 4 per inch. Standard gauge No. 13.

Style 61300 C - "THE LOCKSTITCH" for miscellaneous single needle work where the Type 301 shuttle stitch is satisfactory. Outstanding for high speed, low maintenance, and uniformity of stitches produced. 12 1/16 inches of space to right of needle.

Information and illustrated literature relative to any of these machines will be furnished on request.



Machine Style 38200 D Mounted on Portable Stand No. 38293 R

