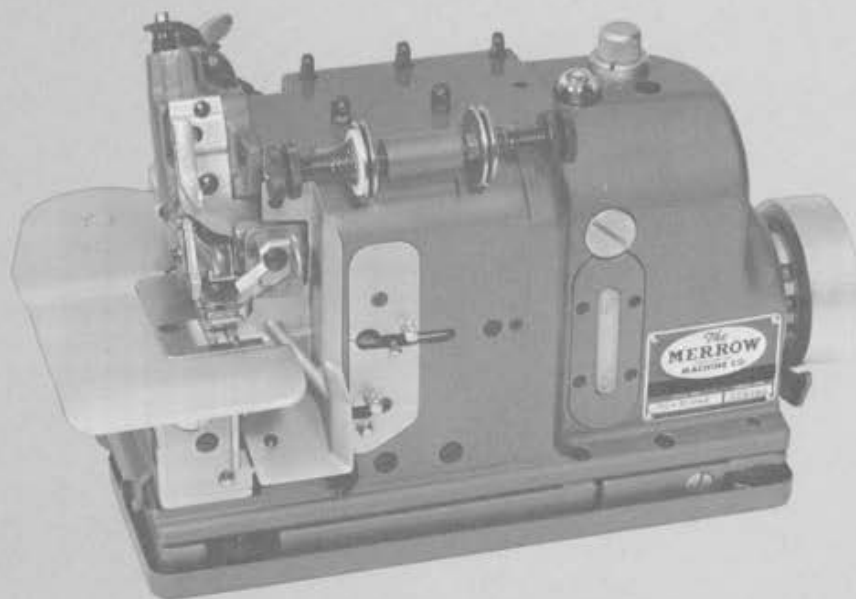


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DESCRIPTIVE LIST  
OF PARTS  
FOR  
**MERROW**<sup>®</sup>  
CLASS MG and CLASS M  
Machines



**THE MERROW**<sup>®</sup> MACHINE COMPANY  
240 Day St., Newington, CT 06111  
Telephone (203) 666-0109  
Telex 994473 MERROW, NEWI

# THE MERROW MACHINE COMPANY

240 DAY STREET, NEWINGTON, CONNECTICUT 06111



MAIN OFFICE AND FACTORY

## MANUFACTURING SUBSIDIARY



Franklin Industries, Incorporated, Lavonia, Georgia

## INTRODUCTION

This book contains a descriptive list of many parts in general use in the Merrow Class MG and M Overseaming Machines, together with illustrations. This list includes parts with prefix M, prefix A, and prefix 6 which are commonly used on Class MG and M Machines. All moving parts subject to friction and wear have been carefully designed and accurately formed to give them maximum utility, durability, and interchangeability for continuous and perfect operation at high speed.

Over a period of years, numerous parts for our Machines have been designed for special uses and since their application is limited, these parts are not listed herein. It is anticipated that new parts will be developed in the future as style and fashion change. Your individual problems will receive our prompt attention.

The Class MG and M Machines overseam and trim simultaneously and form one of the following stitch formations: a one-thread overseam; a two-thread overseam or finish; a three-thread overseam or finish, and a three or four-thread tight needle thread seam.

These machines are largely used on a great variety of knitted and woven fabrics from the lightest to the heaviest, either for sewing two or more pieces of fabric together or for finishing the edges of a single piece of fabric, all in a most perfect manner.

We make other Classes of machines including Class 70 Butted Seaming Machines, Plain Crochet Machines, Blanket Hemming Machines, and Shell Stitch Crochet Machines which have been long and favorably known and used by manufacturers throughout the world.

## HOW TO ORDER

Send parts order to your nearest Merrow Distributor or The Merrow Machine Company, 240 Day Street, Newington, Connecticut, 06111 U.S.A. Telephone (203) 666-0109. Telex 994473 Newi

When ordering replacement parts, include the **Style** of the machine, the **Name** of the part, and the **letters** and **numbers** stamped on the part. The stamping on a particular part is insufficient information without giving the name of the part. All enameled parts will be furnished in gray or green.

We keep a description card on each machine listing the parts in the machine as it leaves the factory. If difficulty is experienced in selecting the proper part number desired, we expect to be able to make proper selection from our records if given the following information:

- 1) The **Name** of Part
- 2) The **Style** and **Serial Number** of Machine
- 3) Special information if included below:
  - a) Needle Plates – specify:  
The width of finish desired, whether long or short finger, and size of Needle used. The part number of all Needle Plates is stamped on the underside of the plate.
  - b) Loopers – specify:  
Upper or lower, one, two, three or four thread stitch. Number of Looper is stamped on the shank near the butt end.
  - c) Parts for Feeding Mechanism – specify:  
Front or rear feed if machine has differential (gathering) feed.

If the machine **Class** or **Style** is not listed for a part, the part may be used in **Class M** or **MG** machines.

## USE OF NUMERICAL INDEX

On the following pages are listed the Part Numbers arranged numerically in order of the Key to Part Numbers.

<b>SAMPLE</b>			
Part No.	<b>FRAME</b>	Part Name	<u>Class</u>
M-1-1	Generally Used	Use of Part	M
		Variation of Part Number	
		Key to Part Number	
		Prefix of Part Number	

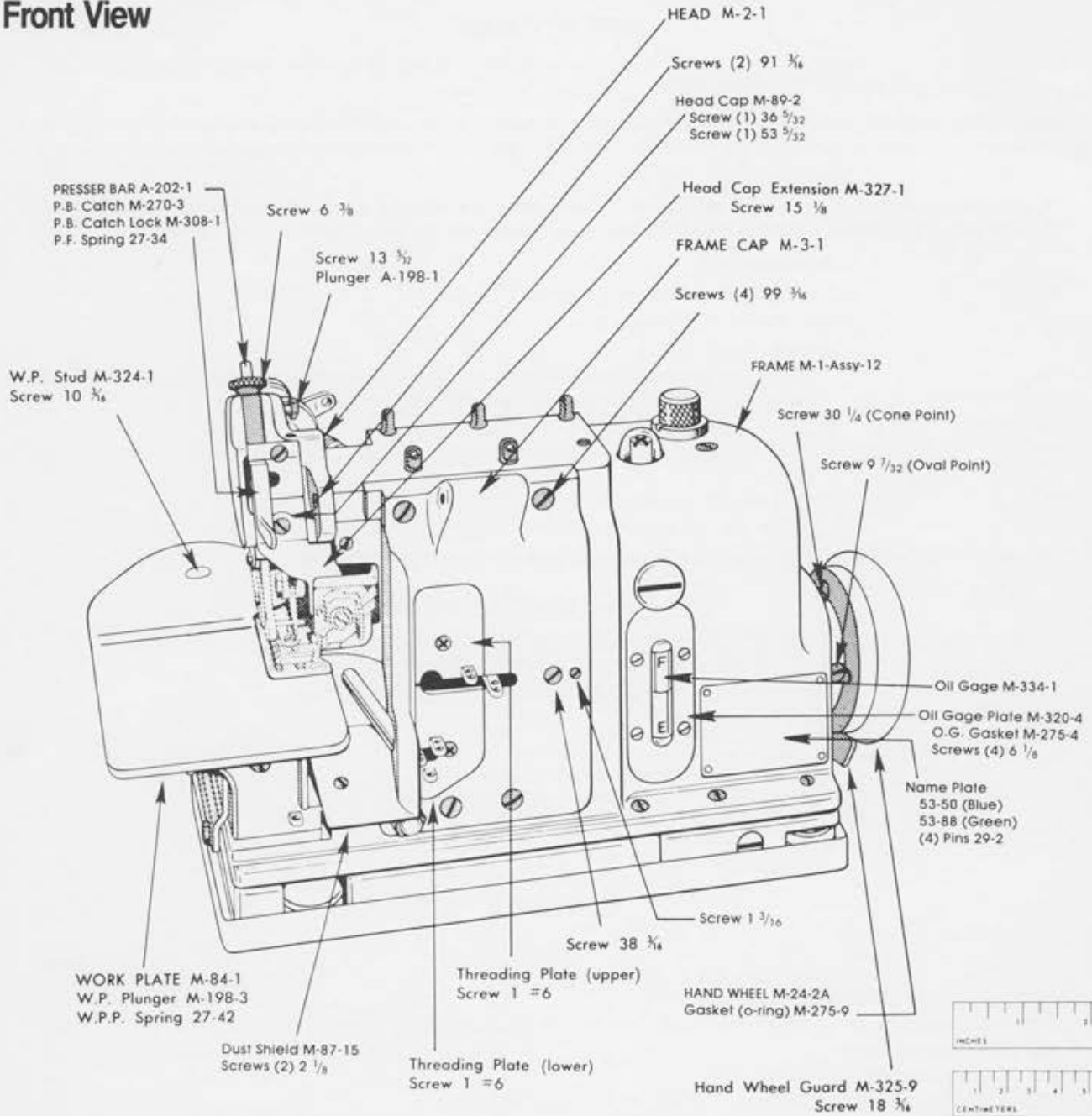
Illust.  
Page

## CONTENTS

	<b>Page</b>
How to Order, Use of Numerical Index	1
Numerical Index Frame M-1-1 Gray through Main Cam Race M-375-3 with Illustrations	2-36
Assemblies, Miscellaneous	37
Needle Terms, Needles	38
Loopers with Illustration, Carbide Tipped Cutters, Rubber Tipped Feed Dogs	39
Common Nuts and Screws, Springs, Pins	40
Tools — Accessories with Illustration, Main Cams — Class MG & M	41
Illustration Styles M-3Q, M-3Q-3	42
Styles M-3Q, M-3Q-3 Parts, Alphabetical Index	43
Illustration Chain Cutter Assembly	44
Chain Cutter Parts, Alphabetical Index	45-47
Trimmer Assemblies	48
Illustration Cutter Grinder, Thread Stand, with Parts Listing	Inside Back Cover



# Front View



**Part No.**  
M-1-1 Gray  
M-1-3 Gray  
M-1-5 Gray  
M-1-Assy-11 Green  
M-1-Assy-12 Green  
  
M-2-1 Green/Gray  
M-2-2 Green/Gray  
M-2-3 Green/Gray  
M-2-6 Green/Gray  
M-2-8 Green  
  
M-3-1 Green/Gray

## FRAME

Generally used  
Used on shirring machine, Style M-3DW-SI  
Extra oiling features  
Extra oiling to feed mechanism  
Generally used

## HEAD

Generally used.  
Similar to M-2-1, except hole for T. Guide 6-61-E  
Similar to M-2-1, except holes for T. Guides M-61-7 and M-61-8  
Used on Large Wheel Foot machine  
Extra clearance for N.T. Takeup A-112-2

## FRAME CAP

Screws (2) 91<sup>3</sup>/<sub>16</sub>

Screws (4) 99<sup>3</sup>/<sub>16</sub>

## Class

M

M

MG

MG

## Style

4D-45, 60 Men's  
4D-45 Ladies'

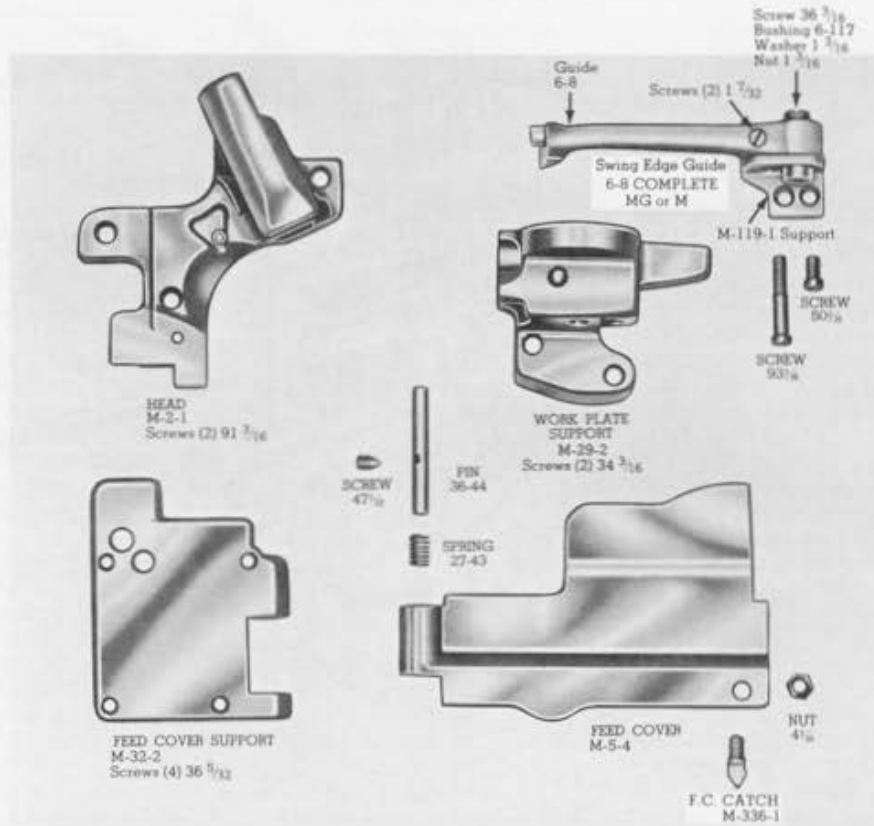
MG-3DW-7

Illust.  
Page 2

2

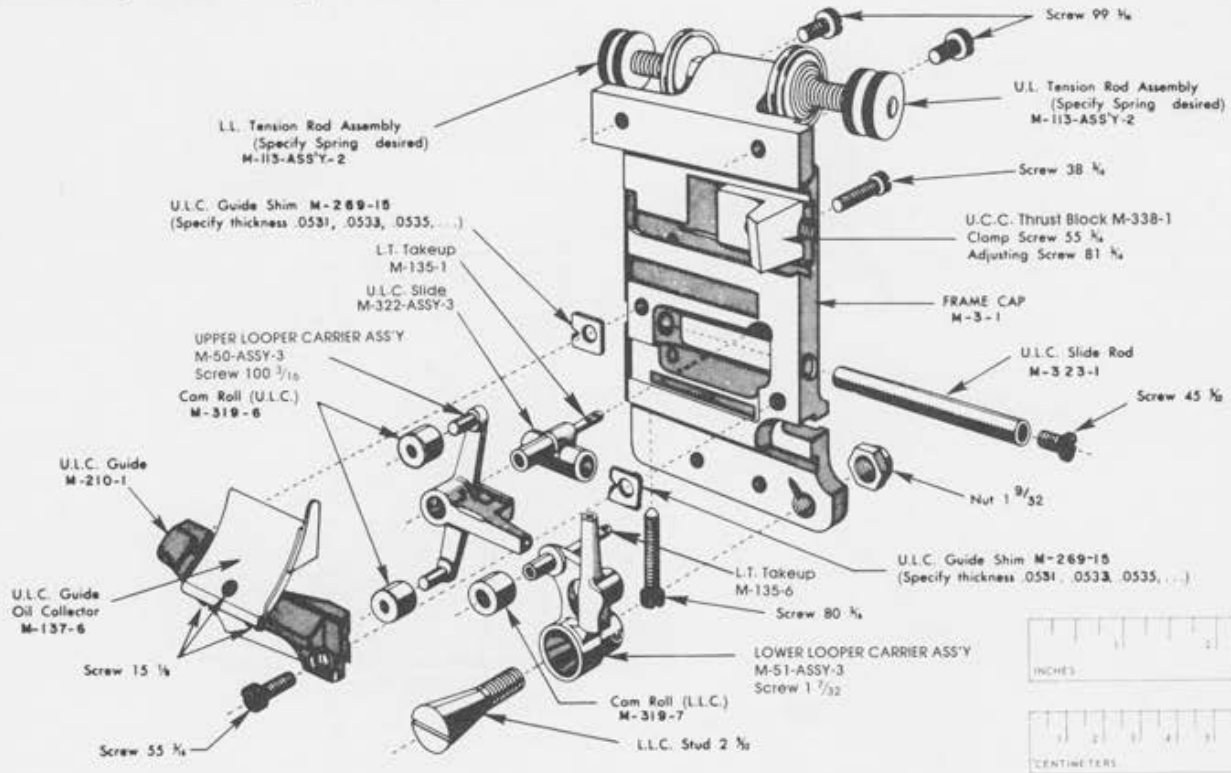
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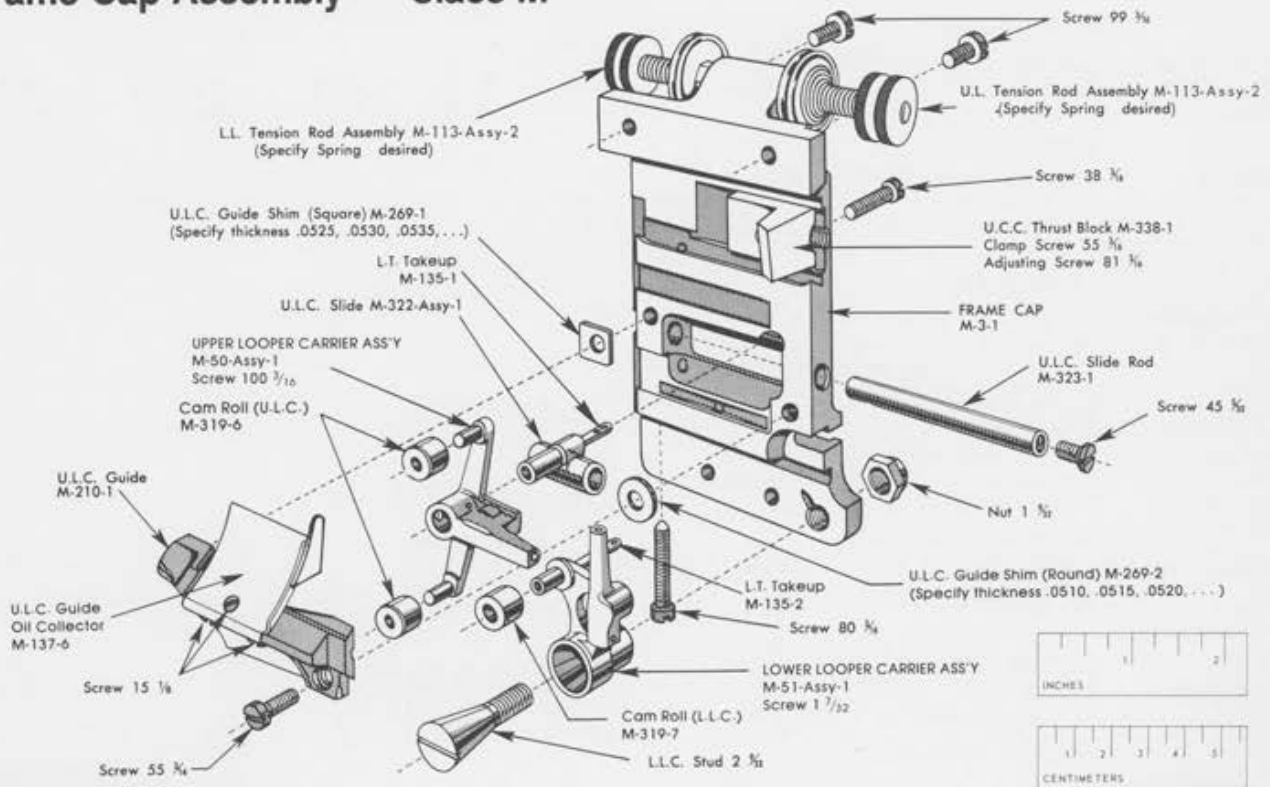


Part No.	FEED COVER	Style	Illust. Page
M-5-3 Green/Gray	Used with F.C. Catch M-336-1, Nut 4 1/16	2DH-1, 3DW-2, 4	3,36
M-5-4 Green/Gray	Same as above	2DNR-1, 3DW	
M-5-6 Green/Gray	Same as above	MG-3DW-7	
6-8 Complete	Includes: Guide 6-8, (2) Stop Screw 1 7/32, Bushing 6-117, Pivot Screw 36 3/16, Washer 1 3/16, Nut 1 3/16, Support M-119-1, Support Screw (Long) 93 3/16, (Short) 50 3/16		3
M-24-1 Green/Gray	<b>HAND WHEEL</b> Includes: Gasket (O-Ring) M-275-9	Screw (Cone Point) 30 3/4 Screw (Oval Point) 9 7/32	7
M-24-2A Alum.	Includes: Gasket (O-Ring) M-275-9 Handwheels listed above used with H.W. Guard M-325-9, Screw 18 3/16		2,6
M-29-2 Green/Gray	<b>WORK PLATE SUPPORT</b> Generally used	Screws (2) 34 3/16	3,36
M-29-3 Gray	Used on shirring machine, Style M-3DW-SI		
M-29-8 Green/Gray	Used on extra oiling Frames M-1-5, M-1-Assy-11		
M-29-9 Green/Gray	Similar to M-29-2, except W.P. Support area relieved, used without Work Plate or Feed Cover		
M-30-3 Green/Gray	<b>OIL RESERVOIR PLATE</b> Includes: Screw 11 3/8, Gasket (O-Ring) M-275-12	Screws (2) 83 3/16	30
M-31-2 Green/Gray	<b>OIL FILTER SUPPORT</b>	Screws (3) 83 3/16	30
M-32-2 Green/Gray	<b>FEED COVER SUPPORT</b> Generally used	Screws (4) 36 5/32	3,36
M-32-3 Gray	Used on shirring machine, Style M-3DW-SI		
M-33-1 Green/Gray	<b>PRESSER ARM PIVOT</b>	Style 2DNR-1, 3DR, 3DU	6,7
M-33-3 Green/Gray		2DH-1, 3DW	6,7
M-33-4 Green/Gray		3DW-2, 3, 4, 7	6,7

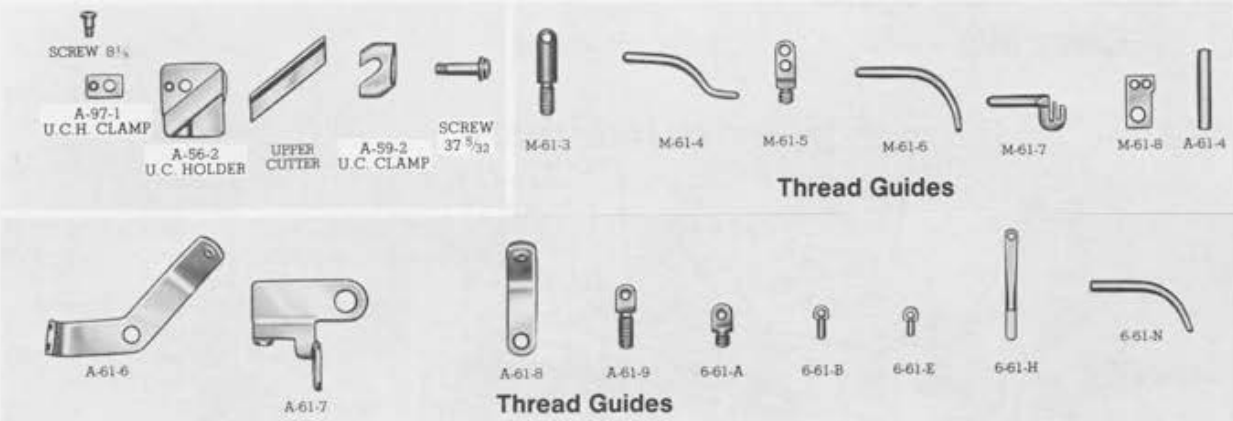
## Frame Cap Assembly — Class MG



## Frame Cap Assembly — Class M

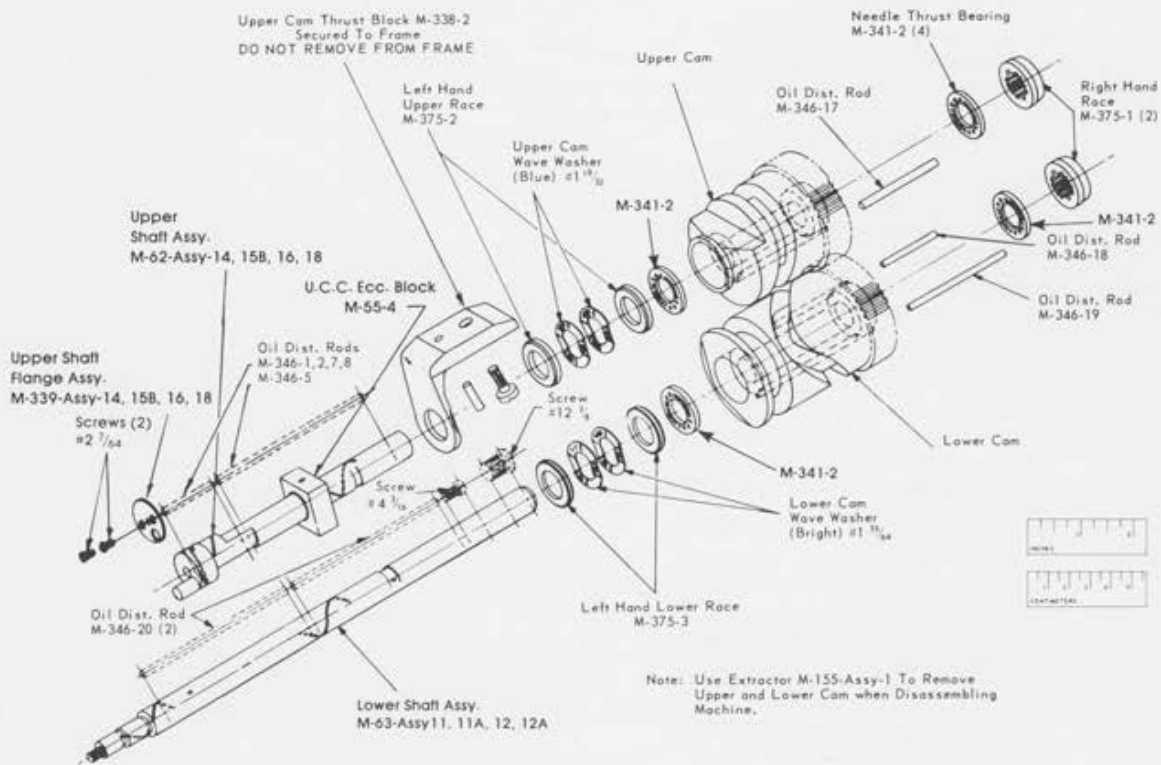
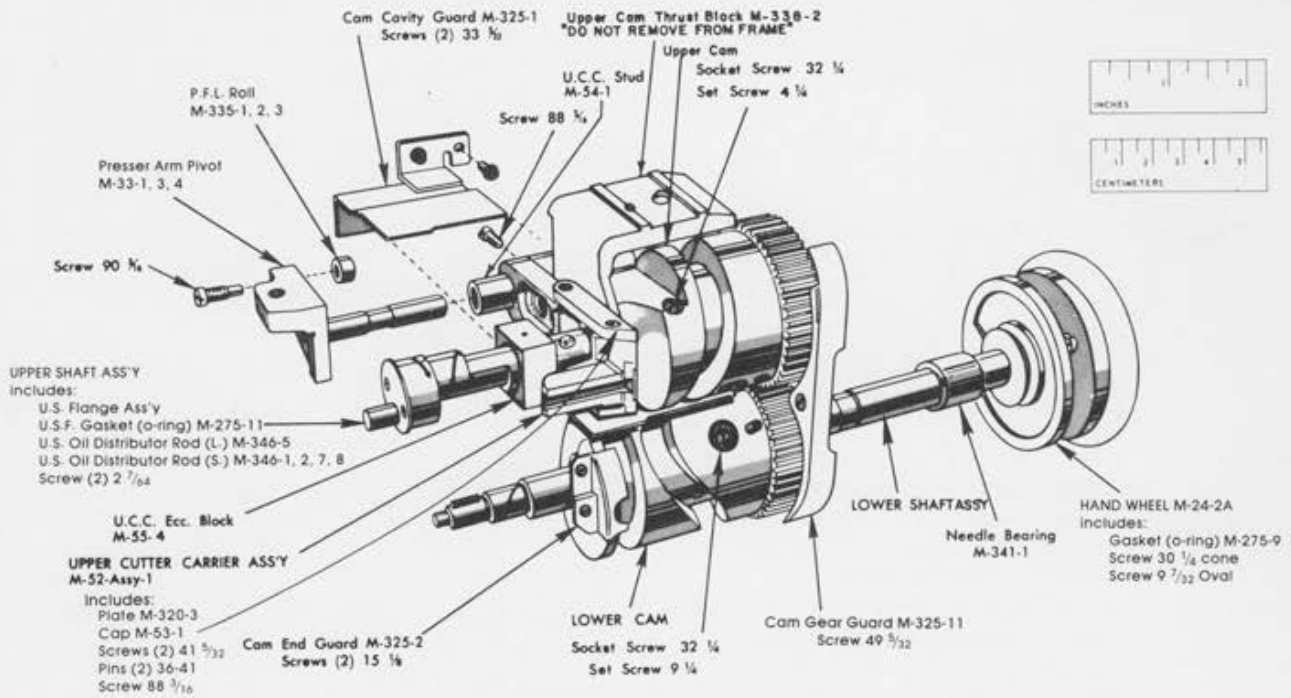






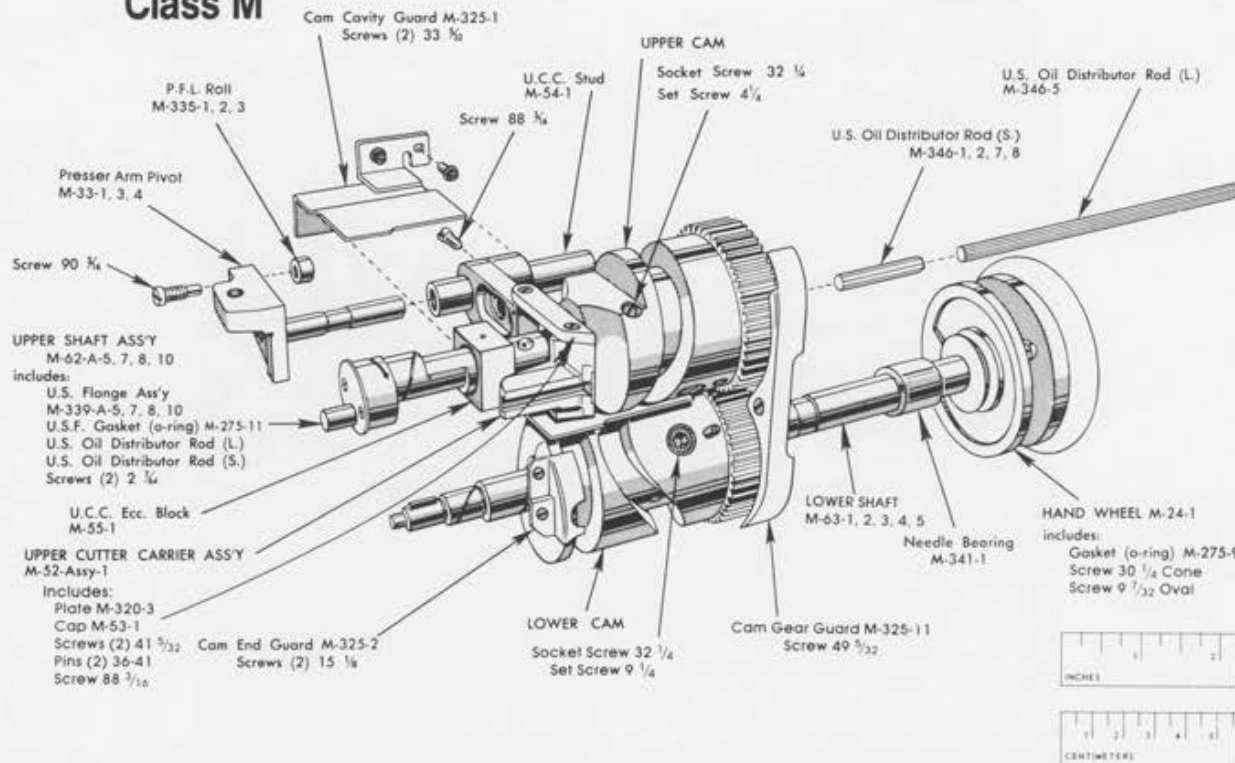
Part No.	UPPER LOOPER CARRIER	Screw 100 <sup>3</sup> / <sub>16</sub>	Class	Illust. Page
M-50-Assy-1	Includes: Pin 36-47		M	4
M-50-Assy-3	Includes: Pin 36-47		MG	4
	LOWER LOOPER CARRIER	Screw 1 <sup>7</sup> / <sub>32</sub>	Class	
M-51-Assy-1	Includes: Takeup M-135-2, Pin 36-39, Stud 2 <sup>9</sup> / <sub>32</sub> , Nut 1 <sup>9</sup> / <sub>32</sub>		M	4
M-51-Assy-3	Includes: Same as above, except Takeup M-135-6		MG	4
	UPPER CUTTER CARRIER	Screw 88 <sup>13</sup> / <sub>16</sub>		
M-52-Assy-1	Includes: Cap M-53-1, Screws (2) 41 <sup>5</sup> / <sub>32</sub> , Pin (2) 36-41, Plate M-320-3			6,7
	UPPER CUTTER CARRIER STUD			
M-54-1	Used with Bushing (Left) M-337-1 and Bushing (Right) M-337-2			6,7
	UPPER CUTTER CARRIER ECCENTRIC BLOCK		Class	
M-55-1	Generally used		M	7
M-55-4	Generally used		MG	6
	UPPER CUTTER HOLDER	Screw 8 <sup>1</sup> / <sub>8</sub>		
A-56-1	Used with narrow Upper Cutter like 6-90			
A-56-2	Used with wide Upper Cutter like A-90-1			5
A-56-3	Similar to A-56-1, except relieved to allow for wider trimming			
A-56-4	Similar to A-56-2, except relieved to allow for wider trimming			
	UPPER CUTTER CLAMP			
A-59-1	Used with narrow Upper Cutter like 6-90, Screw 38 <sup>5</sup> / <sub>32</sub>			
A-59-2	Used with wide Upper Cutter like A-90-1, Screw 37 <sup>5</sup> / <sub>32</sub>			5
A-59-3	Similar to A-59-2, except has threading hole, Screw 37 <sup>5</sup> / <sub>32</sub>			
	THREAD GUIDE		Style	
M-61-1	Single eye, used on Threading Plate			
M-61-2	Double eye, used on Threading Plate			
M-61-3	Spring Anchor, used with Spring 27-35		M-3DW-SI	5
M-61-4	Double eye, used with N.T. Take-up 6-112-V			5
M-61-5	Double eye		4D-45 Ladies'	5
M-61-6	Double eye		4D-45, 60 Men's	5
M-61-7	Used with N.T. Take-up A-112-8, Head M-2-3		4D-45 Ladies'	5
M-61-8	Used with N.T. Take-up A-112-8, Head M-2-3, Screw 9 <sup>1</sup> / <sub>8</sub>		4D-45 Ladies'	5
A-61-4	Tube in Head, used with N.T. Take-up A-112-2, 3, 6, 7			5
A-61-6	Double ended Thread Guide			5
A-61-7	Used on top of Frame		2DNR-1	5
A-61-8	Similar to A-61-6, except single ended			5
A-61-9	Similar to 6-61-A, except longer, used with Nut 5 <sup>3</sup> / <sub>16</sub>			5
A-61-10	Similar to A-61-8, except shorter, used to prevent thread from jumping out of Tension Discs during stitching		M-3Q, M-3Q-3, 3U	5
6-61-A	Screw eye top of Frame			5
6-61-B	Single eye for Lower Cutter Holder Support			5
6-61-E	Single eye for needle thread in Head, use with N.T. Take-up A-112-1			5
6-61-H	Used with N.T. Take-up A-112-5			5
6-61-N	Used with N.T. Takeup A-112-1			5

# Main Cams — Main Shafts Class MG





# Main Cams — Main Shafts Class M



Illust. Page 6,7

## UPPER SHAFT

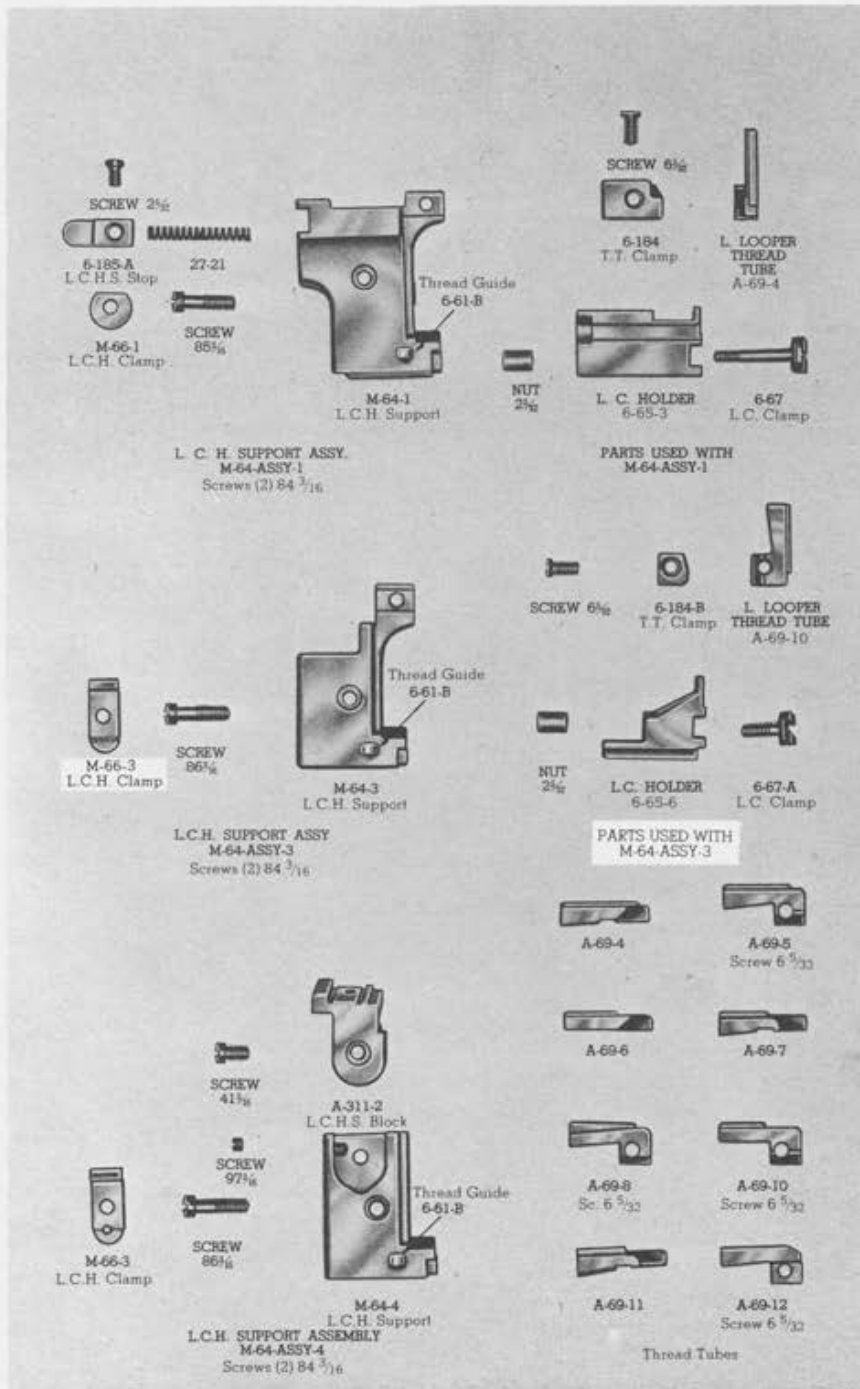
Part No.	Flange	Flange Gasket (O-Ring)	O. Dist. Rod (Short)	O. Dist. Rod (Long)	Style
M-62-Assy-5	M-339-Assy-5	M-275-11	M-346 to fit	M-346-5	M-3DW
M-62-Assy-5B	M-339-Assy-5B	M-275-11	M-346 to fit	M-346-5	M-4D-45 Men's, Ladies'
M-62-Assy-7	M-339-Assy-7	M-275-11	M-346 to fit	M-346-5	M-4D-60 Men's
M-62-Assy-8	M-339-Assy-8	M-275-11	M-346 to fit	M-346-5	M-2DNR-1
M-62-Assy-9	M-339-Assy-9	M-275-11	M-346 to fit	M-346-5	M-3DW-2, 3, 4
M-62-Assy-10	M-339-Assy-10	M-275-11	M-346 to fit	M-346-5	Formerly used in M-4DW-100
M-62-Assy-13	M-339-Assy-13	M-275-11	M-346 to fit	M-346-5	M-4DW-100
M-62-Assy-14	M-339-Assy-14	M-275-11	M-346 to fit	M-346-5	M-346-6
M-62-Assy-15	M-339-Assy-15	M-275-11	M-346 to fit	M-346-5	MG-3DW-6, MG 4DW-60
M-62-Assy-15B	M-339-Assy-15B	M-275-11	M-346 to fit	M-346-5	MG-3DW
M-62-Assy-16	M-339-Assy-16	M-275-11	M-346 to fit	M-346-5	MG-3DW, MG-2DNR-1,
M-62-Assy-18	M-339-Assy-18	M-275-11	M-346 to fit	M-346-5	MG-4D-45, Men's, Ladies'

## LOWER SHAFT

Part No.	Feed	Feed Throw	Key	Nut	Style
M-63-1	Differential	Low	6-152-A	2 <sup>3</sup> / <sub>16</sub>	M-3DW
M-63-1A	Differential	Low	6-152-A	2 <sup>3</sup> / <sub>16</sub>	M-4D-45 Men's, Ladies'
M-63-2	Differential	High	6-152	2 <sup>3</sup> / <sub>16</sub>	M-4D-60 Men's
M-63-3	Non-Differential	Low	6-152-C	2 <sup>3</sup> / <sub>16</sub>	M-3DW-2, 3, 4
M-63-4	Non-Differential	High	6-152-B	2 <sup>3</sup> / <sub>16</sub>	M-1, M-3U
M-63-5	Differential	Low	6-152-A	2 <sup>3</sup> / <sub>16</sub>	M-2-2
M-63-Assy-11	Differential	Low	6-152-A	2 <sup>3</sup> / <sub>16</sub>	M-3DWL
*M-63-Assy-11A	Differential	Low	6-152-A	2 <sup>3</sup> / <sub>16</sub>	MG-3DW, MG-2DNR-1
M-63-Assy-12	Differential	High	6-152	2 <sup>3</sup> / <sub>16</sub>	Same as above
*M-63-Assy-12A	Differential	High	6-152	2 <sup>3</sup> / <sub>16</sub>	MG-3DW-2, 3, 4, 7

\*Use with Handwheel M-24-2A

6,7



**LOWER CUTTER HOLDER SUPPORT — THREAD TUBES**

**LOWER CUTTER HOLDER SUPPORT**

Part No.	Type	Screws (2) 84 <sup>7</sup> / <sub>16</sub>					T. Guide	Style	Illust. Page
		L.C. Holder	L.C.H. Clamp	L.C. Clamp	L.L.T. Tube	T.T. Clamp			
M-64-Assy-1 Comp.	Spring	6-65-3	M-66-1	6-67	A-69-4	6-184	6-61-B	3DW, 3DW-2	8
M-64-Assy-2 Comp.	Rigid	6-65-U	M-66-3	6-67	A-69-5	6-184-B	6-61-B	3DW, 3DW-2	
M-64-Assy-3 Comp.	Rigid	6-65-6	M-66-3	6-67-A	A-69-10	6-184-B	6-61-B	2DH-1	8
M-64-Assy-4 Comp.	Rigid	6-65-4	M-66-3	6-67	A-69-12	None	6-61-B	3DW-3, 3DW-4	8
M-64-Assy-5 Comp.	Rigid	A-65-1	M-66-3	A-67-1	A-69-10	A-184-1	6-61-B	M-3DW-SI	

If Assembly Only is ordered, the following parts will not be included: L.C. Holder, L.C. Clamp, L.L.T. Tube, T.T. Clamp.

**LOWER CUTTER HOLDER**

A-65-1	Supplied in Support M-64-Assy-5	
6-65-U	Supplied in Support M-64-Assy-2	
6-65-3	Supplied in Support M-64-Assy-1	8
6-65-4	Supplied in Support M-64-Assy-4	
6-65-5	Supplied in Support M-64-Assy-1 for wide cutting	
6-65-6	Supplied in Support M-64-Assy-3	8
6-65-7	Supplied in Support M-64-Assy-1 for long feed stroke	

**LOWER CUTTER HOLDER CLAMP**

M-66-1	Supplied in Support M-64-Assy-1, Screw 85 <sup>7</sup> / <sub>16</sub>	8
M-66-3	Supplied in Support M-64-Assy-2,3,4,5, Screw 86 <sup>7</sup> / <sub>16</sub>	8

**LOWER CUTTER CLAMP**

Nut 2<sup>7</sup>/<sub>32</sub>

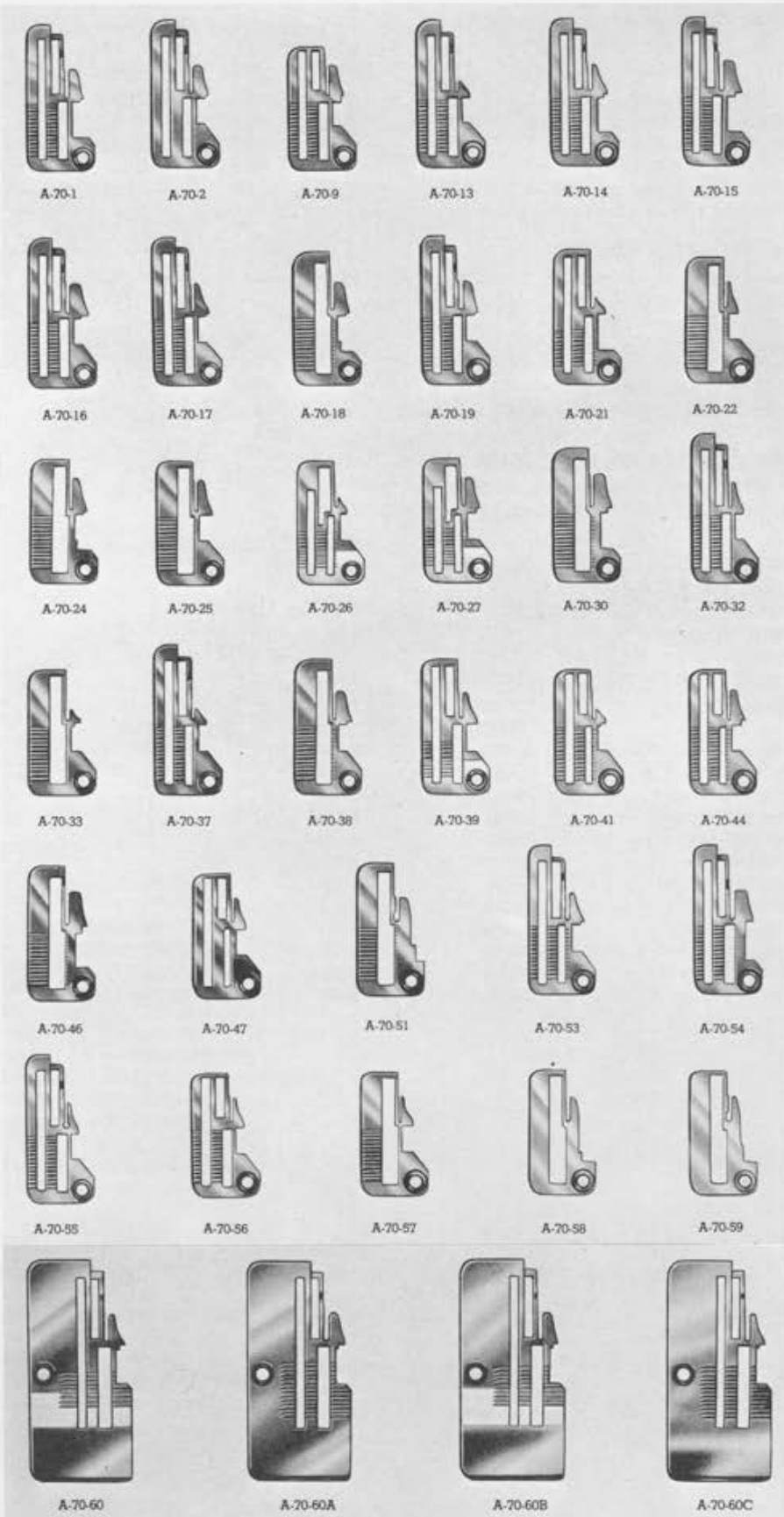
A-67-1	Supplied in Support M-64-Assy-5	
6-67	Supplied in Support M-64-Assy-1, 2, 4	8
6-67-A	Supplied in Support M-64-Assy-3	8

**LOWER LOOPER THREAD TUBE**

Screw 6<sup>5</sup>/<sub>32</sub>

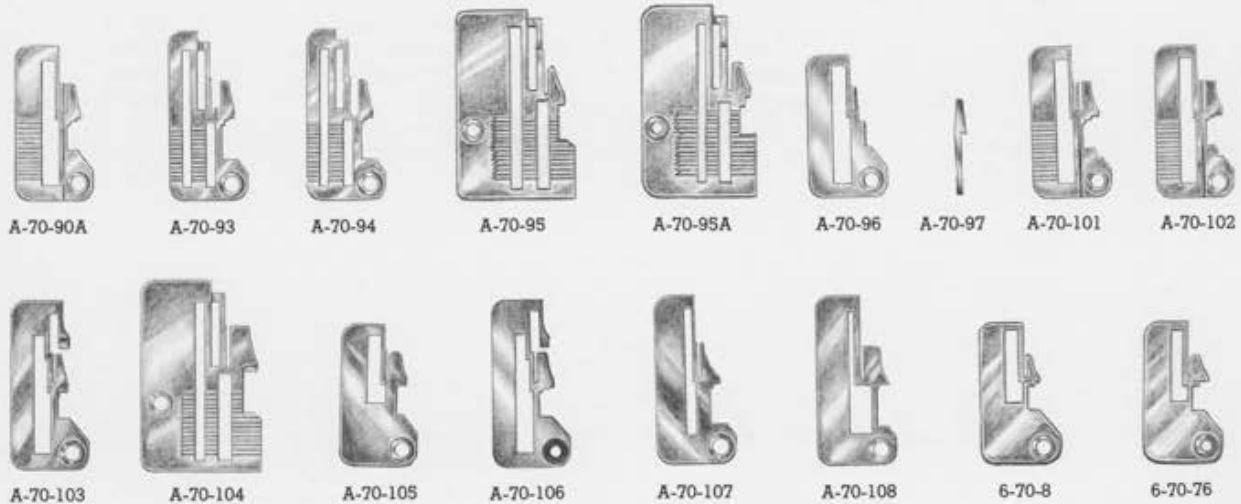
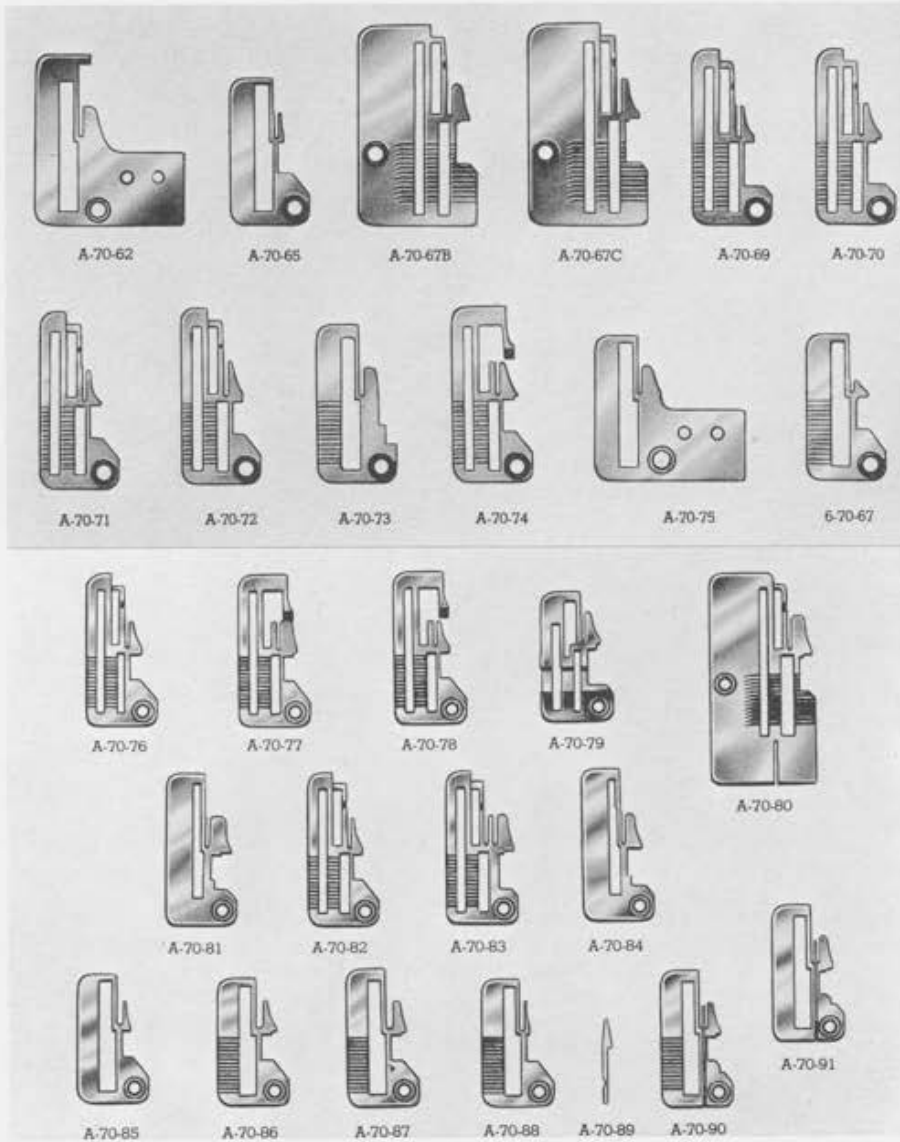
	Used on Support Type	Feed Row(s)	Use T.T. Clamp	Comments	Illust. Page
A-69-4	Spring M-64-Assy-1	Double	6-184		8
A-69-5	Rigid M-64-Assy-2, 3	Double	6-184-B		8
A-69-6	Spring M-64-Assy-1	Hemming	6-184		8
A-69-7	Spring M-64-Assy-1	Single	6-184		8
A-69-8	Rigid M-64-Assy-2, 3	Single	6-184-B		8
A-69-10	Rigid M-64-Assy-2, 3	Hemming	6-184-B		8
A-69-11	Spring M-64-Assy-1	Single	6-184	Thread hole .020 lower than A-69-7	8
A-69-12	Rigid M-64-Assy-4	Double	None		8
A-69-14	Spring M-64-Assy-1	Double	6-184	Thread hole .040 lower than A-69-4	
A-69-16	Spring M-64-Assy-1	Single	6-184	Thread hole .030 lower than A-69-11	
A-69-17	Rigid M-64-Assy-4	Double	None	Thread hole .070 lower than A-69-12	
A-69-18	Spring M-64-Assy-10	Single	6-184	Used on Style 3DWL	





**NEEDLE PLATE**

NEEDLE PLATE				Screw 7 <sup>5</sup> / <sub>32</sub>		Illust. Page	
Part No.	Opening for Cutter	Maximum Needle	Feed Row(s)	Approx. Stitch Width	Comments	Style	
A-70-1	Wide	5D	Double	5 <sup>1</sup> / <sub>32</sub> "			10
A-70-2	Narrow	3D	Double	5 <sup>1</sup> / <sub>32</sub> "			10
A-70-9	Narrow	3D	Double	5 <sup>1</sup> / <sub>32</sub> "			10
A-70-13	Narrow	3D	Double	Stub			10
A-70-14	Wide	5D	Double	1 <sup>1</sup> / <sub>8</sub> "			10
A-70-15	Wide	5D	Double	3 <sup>1</sup> / <sub>16</sub> "			10
A-70-16	Narrow	3D	Double	3 <sup>1</sup> / <sub>16</sub> "			10
A-70-17	Narrow	3D	Double	1 <sup>1</sup> / <sub>8</sub> "			10
A-70-18	Wide	5D	Single	5 <sup>1</sup> / <sub>32</sub> "			10
A-70-19	Narrow	5D	Double	5 <sup>1</sup> / <sub>32</sub> "			10
A-70-21	Wide	5D	Double	Stub	Slope front	2DH-2	10
A-70-22	Narrow	3D	Single	7 <sup>1</sup> / <sub>64</sub> "			10
A-70-23	Wide	5D	Single	3 <sup>1</sup> / <sub>16</sub> "			10
A-70-24	Wide	3D	Single	5 <sup>1</sup> / <sub>32</sub> "			10
A-70-25	Narrow	3D	Single	5 <sup>1</sup> / <sub>32</sub> "			10
A-70-26	Narrow	2D	See Picture	Stub	Slope front	2DH-1	10
A-70-27	Narrow	3D	See Picture	5 <sup>1</sup> / <sub>32</sub> "	Chaining finger on Needle Plate	2DH-1	10
A-70-30	Wide	5D	Single	3 <sup>1</sup> / <sub>16</sub> "			10
A-70-32	Narrow	3D	Double	3 <sup>1</sup> / <sub>32</sub> "			10
A-70-33	Narrow	5D	Single	Stub			10
A-70-34	None	3D	Double	3 <sup>1</sup> / <sub>16</sub> "	Used without cutters		
A-70-36	Narrow	3D	Single	Stub			
A-70-37	Narrow	3D	Double	Stub	Use with front feed A-81-19		10
A-70-38	Narrow	3D	Single	5 <sup>1</sup> / <sub>32</sub> "			10
A-70-39	Wide	5D	Double	9 <sup>1</sup> / <sub>64</sub> "	Chaining finger on Needle Plate	2DH-2	10
A-70-40	None	5D	Single	3 <sup>1</sup> / <sub>16</sub> "	Used without cutters		
A-70-41	Narrow	3D	Double	Stub	Use with front feed A-81-19		10
A-70-44	Narrow	3D	Double	5 <sup>1</sup> / <sub>32</sub> "	Use with front feed A-81-19		10
A-70-46	Wide	5D	Single	7 <sup>1</sup> / <sub>32</sub> "			10
A-70-47	Narrow	3D	Double	3 <sup>1</sup> / <sub>32</sub> "	Use with front feed A-81-19		10
A-70-51	Wide	8D	Single	5 <sup>1</sup> / <sub>32</sub> "	Used with wide rolling finger 6-106-19	3DR	10
A-70-53	Narrow	3D	Double	1 <sup>1</sup> / <sub>8</sub> "	Use with front feed A-81-19		10
A-70-54	Wide	5D	Double	7 <sup>1</sup> / <sub>32</sub> "			10
A-70-55	Similar to A-70-32 but has countersink in top of needle slot — Double Row Feed						10
A-70-56	Similar to A-70-32 but shorter						10
A-70-57	Narrow	2D	Single	1 <sup>1</sup> / <sub>16</sub> "			10
A-70-58	Wide	5D	Single	5 <sup>1</sup> / <sub>32</sub> "	Used with usual rolling finger A-106-6	3DR	10
A-70-59	Similar to A-70-58 except for 8D Needle						10
A-70-60	Wide	5D	Double	1 <sup>1</sup> / <sub>8</sub> "	Slope front surface	3DW-3	10
A-70-60A	Wide	5D	Double	7 <sup>1</sup> / <sub>32</sub> "	Front surface flat	3DW-3	10
A-70-60B	Wide	5D	Double	5 <sup>1</sup> / <sub>32</sub> "	Slope front surface	3DW-3	10
A-70-60C	Similar to A-70-60 but front surface flat						10

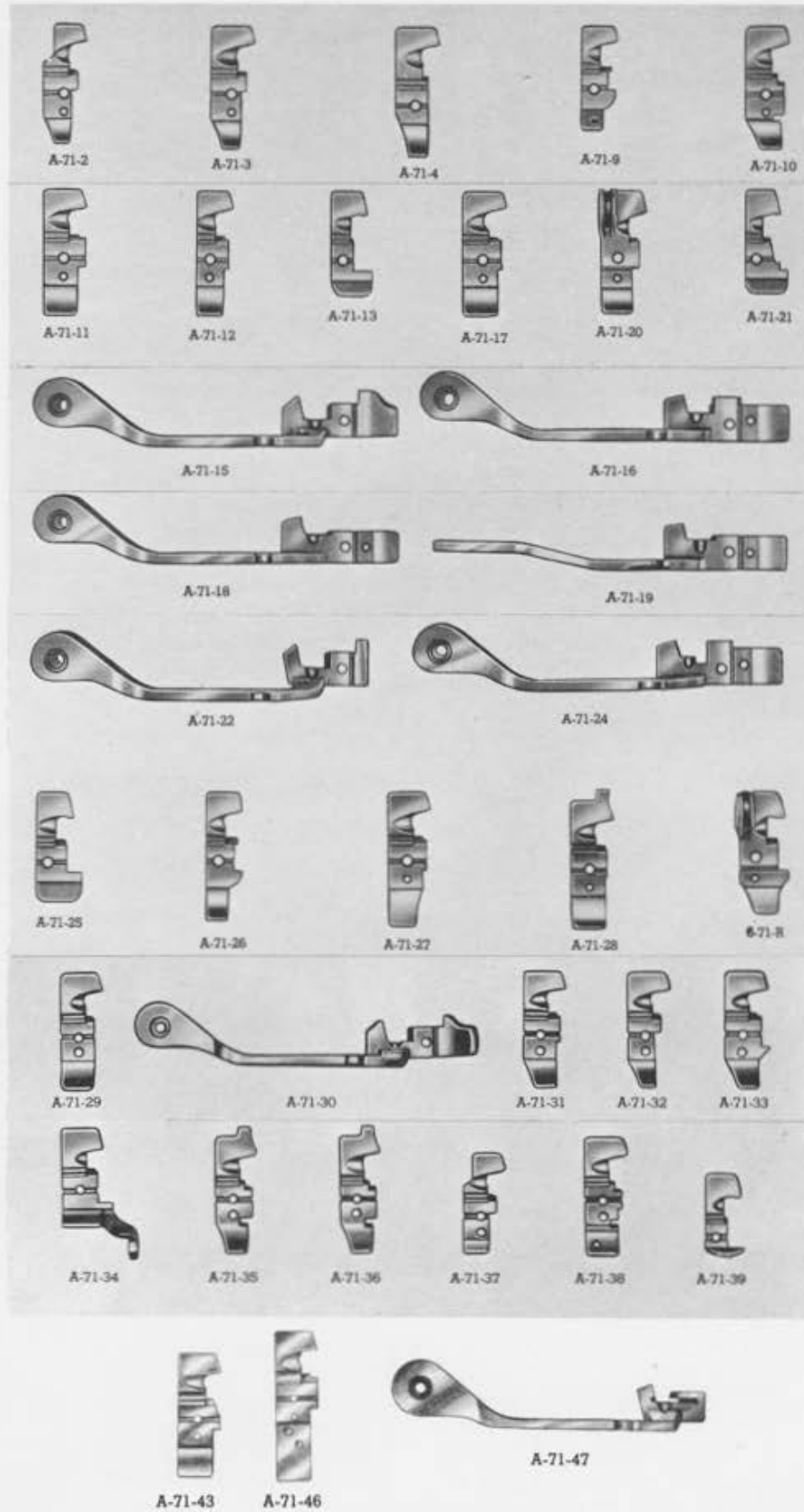


**NEEDLE PLATE**



Part No.	NEEDLE PLATE			Approx. Stitch Width	Screw 7 <sup>5</sup> / <sub>32</sub>	Comments	Style	Illust. Page
	Open for Cutter	Maximum Needle	Feed Row(s)					
A-70-62	None	5D	Single	$\frac{3}{16}$ "		Used without cutters		12
A-70-65	Narrow	2D	Single			Very narrow	2DNR-1	12
A-70-67B	Wide	5D	Double	$\frac{5}{32}$ "			3DW-4	12
A-70-67C	Wide	5D	Double	$\frac{1}{8}$ "			3DW-4	12
A-70-69	Wide	3D	Double	$\frac{3}{32}$ "				12
A-70-70	Wide	3D	Double	$\frac{1}{8}$ "				12
A-70-71	Narrow	3D	Double	$\frac{5}{64}$ "				12
A-70-72	Narrow	3D	Double	$\frac{1}{8}$ "				12
A-70-73	Wide	5D	Single	$\frac{5}{32}$ "		Like A-70-51 except for 5D Needle		12
A-70-74	Narrow	3D	Double	$\frac{1}{8}$ "				12
A-70-75	None	2D	Single	$\frac{7}{32}$ "		Used without cutters		12
A-70-76	Narrow	3D	Double	$\frac{3}{32}$ "		Use with front feed A-81-19		12
A-70-77	Narrow	3D	Double	$\frac{5}{32}$ "		Similar to A-70-74		12
A-70-78	Narrow	3D	Double	$\frac{3}{32}$ "		Similar to A-70-74		12
A-70-79	Wide	3D	Like A-70-27	$\frac{5}{32}$ "			M-3DW-SI	12
A-70-80	Wide	5D	Double	$\frac{7}{32}$ "		Similar to A-70-60A	3DW-3	12
A-70-81	Wide	3D	Single	$\frac{3}{16}$ "			M-3Q-3	12
A-70-82	Narrow	2D	Double	$\frac{1}{16}$ "		Similar to A-70-72		12
A-70-83	Wide	A.5D	Double	$\frac{1}{4}$ "			M-4DW-100	12
A-70-84	Wide	3D	Single	$\frac{1}{8}$ "			M-3Q	12
A-70-85	Narrow	B.1DE	Single	$\frac{3}{32}$ "			4D-45 Ladies'	12
A-70-86	Narrow	B.2SD	Single	$\frac{7}{64}$ "			4D-45 Men's	12
A-70-87	Narrow	B.2SD	Single	$\frac{1}{8}$ "		Similar to A-70-86	4D-45 Men's	12
A-70-88	Narrow	4D	Single	$\frac{1}{16}$ "		Used with 6-106-23	2DNR-1	12
A-70-89	Web used with Pin 36-58 in A-70-90 and A-70-91.							12
A-70-90	Narrow	B.1SD	Single	$\frac{1}{8}$ "		Use Web A-70-89	4D-45 Men's	12
A-70-90A	Narrow	B.1SD	Single	$\frac{1}{8}$ "		Similar to A-70-90 except Web A-70-97 is deeper and longer to draw off more needle thread	4D-45 Men's	12
A-70-91	Narrow	A.2D	Single	$\frac{1}{8}$ "		Use Web A-70-89	4D-60 Men's	12
A-70-93	Wide	A.3D	Double	$\frac{5}{32}$ "			4DW-60	12
A-70-94	Wide	A.5D	Double	$\frac{5}{32}$ "			4DW-60	12
A-70-95	Wide	5D	Double	$\frac{1}{8}$ "			3DW-4	12
A-70-95A	Wide	5D	Double	$\frac{5}{32}$ "			3DW-4	12
A-70-96	Narrow	2D	Single			Similar to A-70-65 except wider at cutters		12
A-70-97	Web similar to A-70-89 except deeper and longer, used in A-70-90A, 101, 102, Pin 36-58							12
A-70-101	Narrow	A.2D	Single	$\frac{5}{32}$ "		Similar to A-70-91 except wider chaining finger, Web A-90-97	4D-60 Men's	12
A-70-102	Narrow	B.1SD	Single	$\frac{5}{32}$ "		Similar to A-70-90 except wider chaining finger, Web A-90-97	4D-45 Men's	12
A-70-103	Narrow	3D	Single	$\frac{1}{8}$ "			3DWL	12
A-70-104	Wide	5D	Double	$\frac{1}{4}$ "			3DW-7	12
A-70-105	Narrow	5D	Single	$\frac{3}{16}$ "			3U	12
A-70-106	Narrow	3D	Single	$\frac{5}{32}$ "			3DWL	12
A-70-107	Wide	3D	Single	$\frac{1}{16}$ "			M-3Q	12
A-70-108	Wide	3D	Single	$\frac{3}{16}$ "			M-3Q-3	12
6-70-8	Narrow	5D	Single	$\frac{1}{8}$ "			3U	12
6-70-76	Narrow	5D	Single	$\frac{5}{32}$ "			3U	12

The width of stitch produced by various Needle Plates is only approximate and will vary depending on the length of stitch, width of cutting, and the type of material being sewn.



**PRESSER FOOT**



6-71-71



6-71-78



6-71-80



6-71-84



6-71-92



6-71-93

PRESSER FOOT

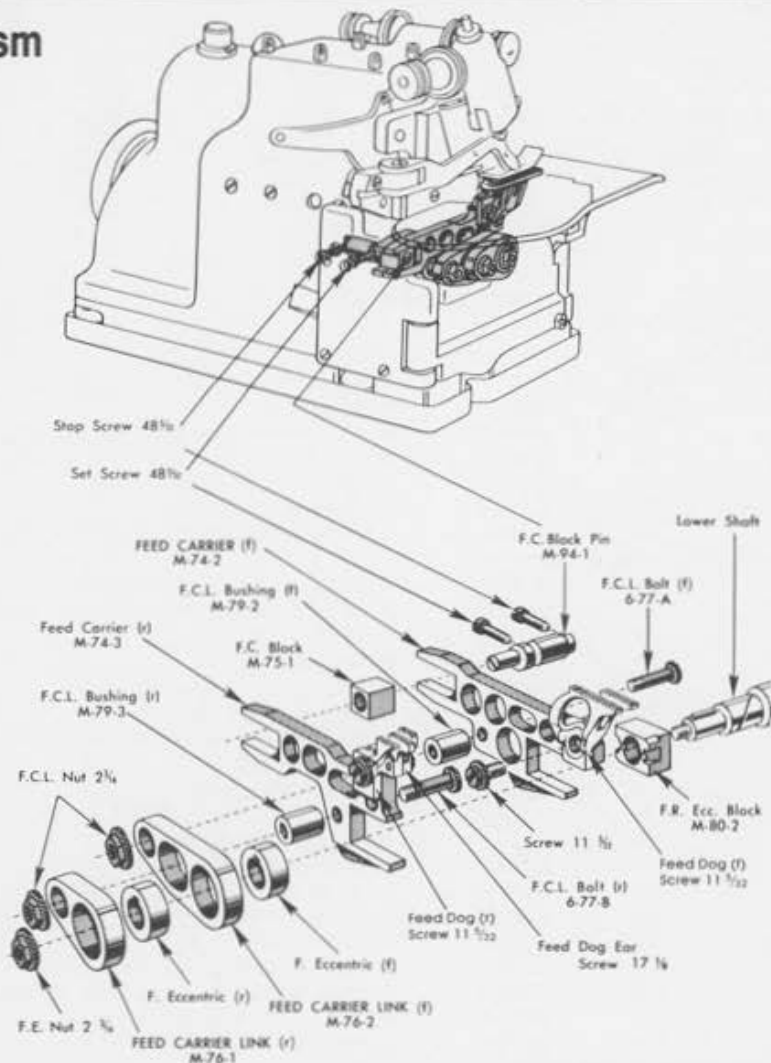
PRESSER FOOT

Part No.	Special Use	*Feed *Cutters	P.F. Arm	Complete with following Parts	Illust. Page
A-71-2	Hemming	DN	A-206-5	A-106-5, 6-125-B, Sc. 9 <sup>1</sup> / <sub>16</sub> , 6-114-A, Sc. 12 <sup>1</sup> / <sub>32</sub>	14
A-71-3	Hemming	DN	A-206-5	A-106-5, 6-125-B, Sc. 9 <sup>1</sup> / <sub>16</sub> , 6-114-A, Sc. 12 <sup>1</sup> / <sub>32</sub>	14
A-71-4	Hemming	DN	A-206-7	A-106-7, 6-125-B, Sc. 9 <sup>1</sup> / <sub>16</sub> , A-103-6	14
A-71-9		SN	A-206-6	A-106-35, A-125-1, Sc. 9 <sup>1</sup> / <sub>16</sub>	14
A-71-10	Taping	DN	A-206-5	A-106-12, 6-125-B, Sc. 9 <sup>1</sup> / <sub>16</sub> , A-114-2, Sc. 3 <sup>1</sup> / <sub>32</sub>	14
A-71-11	Similar to A-71-17 but wider by cutters.				14
A-71-12		SN	A-206-6	A-106-25, A-125-1, Sc. 9 <sup>1</sup> / <sub>16</sub> , A-114-3, Sc. 12 <sup>1</sup> / <sub>32</sub>	14
		SW	A-206-6	A-106-25, A-125-1, Sc. 9 <sup>1</sup> / <sub>16</sub> , A-114-5, Sc. 12 <sup>1</sup> / <sub>32</sub>	
A-71-13		SN	A-206-6	A-106-15, A-125-1, Sc. 9 <sup>1</sup> / <sub>16</sub>	14
A-71-15	Rigid	SN	None	6-106-H, Sc. 3 <sup>1</sup> / <sub>16</sub>	14
A-71-16	Rigid	DN	None	6-106-K, Sc. 3 <sup>1</sup> / <sub>16</sub> , A-114-3, Sc. 12 <sup>1</sup> / <sub>32</sub>	14
		DW	None	6-106-K, Sc. 3 <sup>1</sup> / <sub>16</sub> , A-114-5, Sc. 12 <sup>1</sup> / <sub>32</sub>	
A-71-17		DN	A-206-5	A-106-25, 6-125-B, Sc. 9 <sup>1</sup> / <sub>16</sub> , A-114-3, Sc. 12 <sup>1</sup> / <sub>32</sub>	14
		DW	A-206-5	A-106-25, 6-125-B, Sc. 9 <sup>1</sup> / <sub>16</sub> , A-114-5, Sc. 12 <sup>1</sup> / <sub>32</sub>	
A-71-18	Hemming	DN	None	6-106-C, Sc. 3 <sup>1</sup> / <sub>16</sub> , 6-114-A, Sc. 12 <sup>1</sup> / <sub>32</sub>	14
A-71-20	Hemming	DN	A-206-4	6-106-C, 6-125, Sc. 3 <sup>1</sup> / <sub>16</sub> , A-114-3, Sc. 12 <sup>1</sup> / <sub>32</sub>	14
A-71-21	Rolling	SN	A-206-6	6-106-23, A-125-1, Sc. 9 <sup>1</sup> / <sub>16</sub>	14
A-71-22	Rigid	SN	None	6-106-H, Sc. 3 <sup>1</sup> / <sub>16</sub>	14
A-71-24	Taping 1/4"	DW	None	A-106-19, Sc. 3 <sup>1</sup> / <sub>16</sub> , A-114-5, Sc. 12 <sup>1</sup> / <sub>32</sub>	14
A-71-25		SN	A-206-6	A-106-25, A-125-1, Sc. 9 <sup>1</sup> / <sub>16</sub>	14
A-71-26	Hemming	SN	A-206-6	A-106-8, A-125-1, Sc. 9 <sup>1</sup> / <sub>16</sub>	14
A-71-27		DN	A-206-5	A-106-25, 6-125-B, Sc. 9 <sup>1</sup> / <sub>16</sub> , A-114-6, Sc. 12 <sup>1</sup> / <sub>32</sub>	14
		DW	A-206-5	A-106-25, 6-125-B, Sc. 9 <sup>1</sup> / <sub>16</sub> , A-114-7, Sc. 12 <sup>1</sup> / <sub>32</sub>	
A-71-28		DN	A-206-8	A-106-25, 6-125-B, Sc. 9 <sup>1</sup> / <sub>16</sub> , A-114-3, Sc. 12 <sup>1</sup> / <sub>32</sub>	14
		DW	A-206-8	A-106-25, 6-125-B, Sc. 9 <sup>1</sup> / <sub>16</sub> , A-114-5, Sc. 12 <sup>1</sup> / <sub>32</sub>	
A-71-29	Similar to A-71-17 but narrower by cutters				14
A-71-30	Similar to A-71-15 but for wide cutters				14
A-71-31	Similar to A-71-17 but front left like 6-71-93				14
A-71-32	Similar to A-71-3 but narrower by cutters				14
A-71-33	Similar to 6-71-93 but for wide cutters using A-114-1				14
A-71-34	M-3DW-SI (Shirring)	DW	A-206-8	A-106-24, 6-125-B, Sc. 9 <sup>1</sup> / <sub>16</sub> , Blade Assy. A-Assy-9 or A-Assy-12, Sc. 6 <sup>1</sup> / <sub>32</sub> , Washer 1 <sup>1</sup> / <sub>32</sub> , Nut 1 <sup>1</sup> / <sub>32</sub>	14
A-71-35	Similar to A-71-10 but heel like A-71-28				14
A-71-36	Similar to A-71-35 but heel flat on bottom				14
A-71-37	Similar to A-71-2 but toe shorter for Hemming Assy. #4B				14
A-71-38	Taping 1/8" to 7/16"	DN	A-206-5	A-106-25, 6-125-B, Sc. 9 <sup>1</sup> / <sub>16</sub> , A-114-2, Sc. 3 <sup>1</sup> / <sub>32</sub> , A-211-3, A-211-3A, Sc. 2 <sup>1</sup> / <sub>32</sub>	14
A-71-39	Similar to A-71-13 but toe shorter				14
A-71-40	Similar to A-71-18 except alteration to Presser Bar locating surface used with P. Arm Assembly, A-Assy-15 to laterally adjust Presser Foot				
A-71-43	Similar to A-71-11, except angular cut added to P.F. Finger surface to clear material when used with P.F. Finger A-106-37				14
A-71-46	Similar to A-71-11 but with toe extension to prevent material from catching on toe of Presser Foot				14
A-71-47	Rigid	SN	None	Used on 3U Emblem machine	14
6-71-78	Rolling	SN	A-206-6	A-106-6, A-125-1, Sc. 9 <sup>1</sup> / <sub>16</sub>	15
6-71-80		DN	A-206-5	6-106-10, 6-125-B, Sc. 9 <sup>1</sup> / <sub>16</sub>	15
6-71-84	Rolling	SDW	A-206-5	6-106-19, 6-125-B, Sc. 9 <sup>1</sup> / <sub>16</sub>	15
6-71-92		DW	A-206-7	6-106-10, 6-125-B, Sc. 9 <sup>1</sup> / <sub>16</sub>	15
6-71-93		DN	A-206-5	A-106-25, 6-125-B, Sc. 9 <sup>1</sup> / <sub>16</sub> , 6-114-D, Sc. 12 <sup>1</sup> / <sub>32</sub>	15

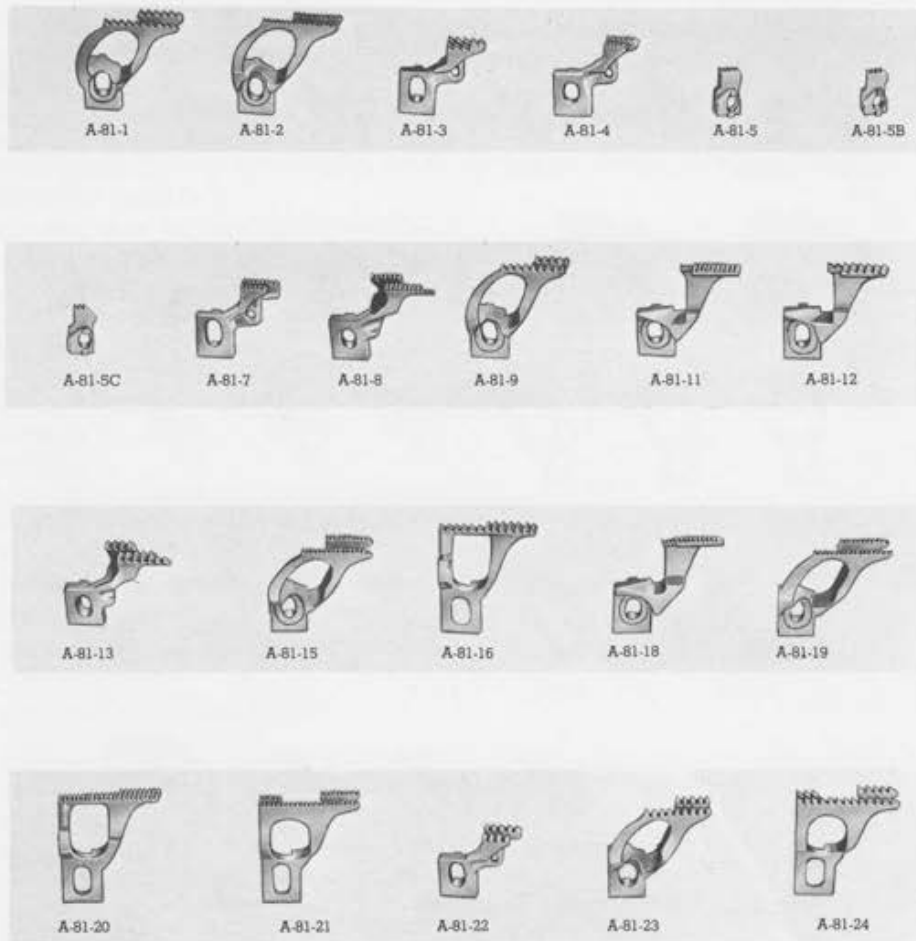
\*Feed - Single Row "S", Double Row "D"  
 \*Cutter - Narrow "N", Wide "W"



# Feed Mechanism



Part No.		Illust. Page
<b>FEED CARRIER</b>		
M-74-1	For Non-differential Feed	
M-74-2	For Differential Feed (Front)	16
M-74-3	For Differential Feed (Rear)	16
M-74-4	For Differential Feed (Front), on Style M-3DW-SI	
M-74-6	For Differential Feed (Rear) used on hemming machine with Stabilizing Block M-359-1	
<b>FEED CARRIER BLOCK</b>		
M-75-1	Used with F.C.B.E. Pin M-94-1	16
M-75-2	Used with F.C.B.E. Pin M-94-2 on Style M-3DW-SI	
<b>FEED CARRIER LINK</b>		
M-76-1	For Non-differential Feed or Short Link for Differential Feed	16
M-76-2	Long Link for Differential Feed	16
<b>FEED CARRIER LINK BOLT</b>		
6-77-A	Used with Feed Carriers M-74-1, 2, 4; $\frac{55}{64}$ " long	16
6-77-B	Used with Feed Carrier M-74-3; $\frac{59}{64}$ " long	16
<b>FEED CARRIER LINK BUSHING</b>		
M-79-1	Used with Feed Carrier M-74-1; .257" long	
M-79-2	Used with Feed Carrier (Front) M-74-2, 4; .474" long	16
M-79-3	Used with Feed Carrier (Rear) M-74-3; .529" long	16
M-79-4	Used in place of M-79-2 on Style M-3DW-SI	
M-79-5	Used in place of M-79-3 on Style M-3DW-SI	
<b>FEED RAISING ECCENTRIC BLOCK</b>		
M-80-2	Generally used	16
M-80-3	Hole offset to set F. Carriers low, used on Style MG-3DW-7	
6-80-B	Used on Style M-3DW-SI (two per machine)	



**FEED DOG**

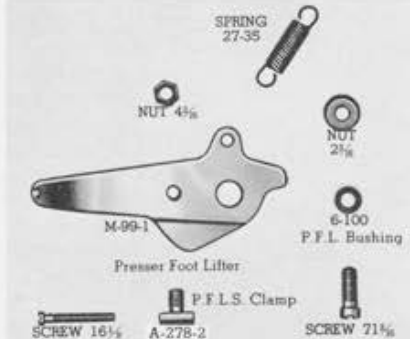
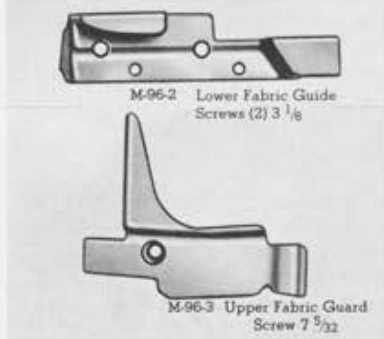
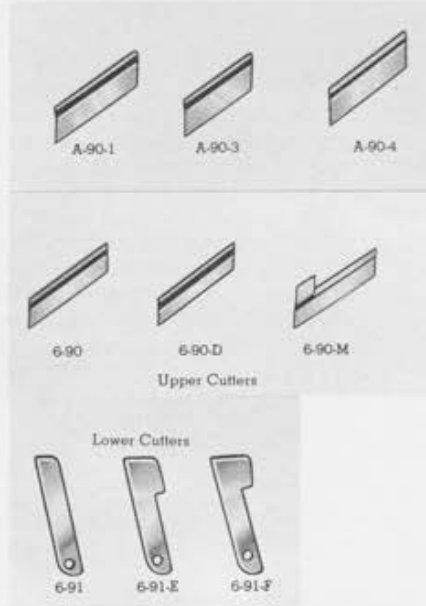
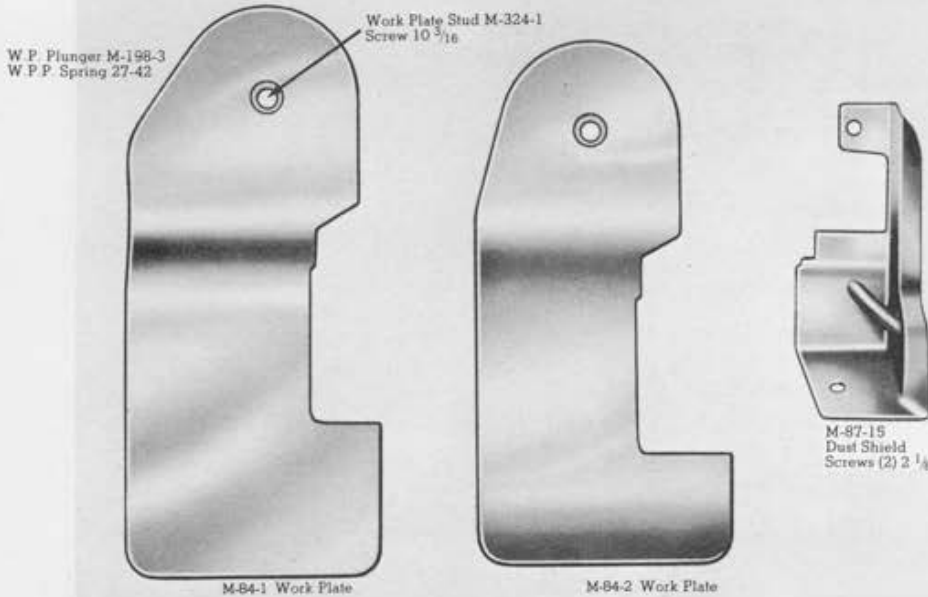
Part No.	FEED DOG	Screw 11 <sup>9</sup> / <sub>32</sub> Differential Feed Dog		Style	Illust. Page
		Screw 16 <sup>7</sup> / <sub>32</sub> Non-Differential Feed Dog			
A-81-1	Front differential, double row, coarse teeth				17
A-81-2	Front differential, double row, fine teeth				17
A-81-3	Rear differential, double row, coarse teeth, used with Feed Ear A-81-5C				17
A-81-4	Rear differential, double row, fine teeth, used with Feed Ear A-81-5C				17
A-81-5	Feed Dog Ear, five fine teeth, Sc. 8 <sup>1</sup> / <sub>8</sub>				17
A-81-5B	Feed Dog Ear, similar to A-81-5 but four fine teeth, Sc. 8 <sup>1</sup> / <sub>8</sub>				17
A-81-5C	Feed Dog Ear, similar to A-81-5 but three fine teeth, Sc. 8 <sup>1</sup> / <sub>8</sub>				17
A-81-7	Rear differential, double row, fine teeth, used with Feed Ear A-81-5C				17
A-81-8	Rear differential, single row, fine teeth with integral ear, ear has seven teeth				17
A-81-8B	Similar to A-81-8 but has six teeth				
A-81-8C	Similar to A-81-8 but has five teeth				
A-81-8D	Similar to A-81-8 but has four teeth				
A-81-9	Front differential, double row, coarse teeth, one tooth less on each row than A-81-1				17
A-81-11	Front differential, single row, fine teeth				17
A-81-12	Front differential, single row, coarse teeth				17
A-81-13	Rear differential, single row, coarse teeth with integral ear, ear has four teeth				17
A-81-13B	Similar to A-81-13 but has three teeth				
A-81-13C	Similar to A-81-13 but has two teeth				
A-81-15	Front differential, double row, fine teeth front teeth on angle			2DH-1	17
A-81-16	Non-differential, single row, coarse teeth, use with Feed Ear 6-81-X				17
A-81-18	Front differential, single row, fine teeth, front angled				17
A-81-19	Front differential, double row, fine teeth, same as A-81-2, except right feed is narrow, used with Needle Plate A-70-37			2DH	17
A-81-20	Non-differential, single row, fine teeth, use with Feed Ear 6-81-X				17
A-81-21	Non-differential, double row, fine teeth, use with Feed Ear 6-81-X				17
A-81-22	Rear differential, double row, coarse deep teeth, use with Feed Ear A-81-5C				17
A-81-23	Front differential, double row, similar to A-81-9 but with coarse deep teeth				17
A-81-24	Non-differential, double row, coarse teeth, use with Feed Ear 6-81-X				17



**FEED DOG**



Part No.	FEED DOG	Screw 11 <sup>5</sup> / <sub>32</sub> Differential Feed Dog	Style	Illust. Page
		Screw 16 <sup>3</sup> / <sub>16</sub> Non-Differential Feed Dog		
A-81-25	Feed Dog Ear, six fine teeth, narrow, Sc. 8 <sup>1</sup> / <sub>8</sub>			18
A-81-25B	Feed Dog Ear, four coarse teeth, narrow, Sc. 8 <sup>1</sup> / <sub>8</sub>			18
A-81-27	Rear differential, single row, coarse teeth similar to A-81-13 but one tooth less on feed row and on ear			18
A-81-28	Front differential, double row, coarse teeth		3DW-3	18
A-81-30	Front differential, double row, fine teeth. Discontinued — Use A-81-56			18
A-81-31	Front differential, double row, deep coarse teeth		3DW-3	
A-81-34	Non-differential, double row, fine teeth			18
A-81-35	Front differential, double row, fine teeth. Discontinued — Use A-81-59			18
A-81-36	Front differential, double row, coarse teeth		3DW-4	18
A-81-37	Feed Dog Ear, five fine teeth, left side flush with attached Feed Dog, for use with Needle Plate A-70-74, Sc. 8 <sup>1</sup> / <sub>8</sub>			18
A-81-37B	Feed Dog Ear, similar to A-81-37 but four fine teeth, Sc. 8 <sup>1</sup> / <sub>8</sub>			18
A-81-38	Non-differential, single row, fine teeth			18
A-81-39	Non-differential, single row, coarse teeth		3U	18
A-81-40	Front differential, double row, fine teeth		3DW-SI	18
A-81-41	Rear differential, single row, coarse teeth, used with A-81-5C		3DW-SI	18
A-81-42C	Feed Dog Ear, three fine teeth			
A-81-43	Rear differential, single row, fine teeth, used with A-81-5C			18
A-81-44	Similar to A-81-43 but coarse teeth			18
A-81-45	Non-differential, single row, fine teeth		M-3Q	18
A-81-46	Similar to A-81-1 but front teeth angled like A-81-15		2DH-2	18
A-81-47	Similar to A-81-40 but more feeding surface			18
A-81-48	Non-differential, single row, fine teeth		M-3Q-3	18
A-81-49	Feed Dog Ear, three fine teeth, left side flush with attached Feed Dog, extra wide feeding surface, Sc. 17 <sup>1</sup> / <sub>8</sub>			18
A-81-50	Feed Dog Ear, used with A-81-51, 53, etc., five fine teeth, Sc. 17 <sup>1</sup> / <sub>8</sub>			18
A-81-50B	Similar to A-81-50, but four fine teeth, Sc. 17 <sup>1</sup> / <sub>8</sub>			18
A-81-50C	Similar to A-81-50, but three fine teeth, Sc. 17 <sup>1</sup> / <sub>8</sub>			18
A-81-51	Similar to A-81-3, but Ear A-81-50C is adjustable without removing from machine			18
A-81-53	Similar to A-81-7, but adjustable ear like A-81-51			18
A-81-54	Similar to A-81-22, but adjustable ear like A-81-51		3DW-4	18
A-81-55	Similar to A-81-28, but additional teeth on rear of long feed surface			18
A-81-56	Similar to A-81-30, but additional feeding like A-81-55			18
A-81-57	Similar to A-81-31, but additional feeding like A-81-55			18
A-81-58	Similar to A-81-36, but additional feeding like A-81-55			18
A-81-59	Similar to A-81-35, but additional feeding like A-81-55			18
A-81-60	Feed Dog Ear, similar to A-81-37, but for use with A-81-53, five fine teeth, Sc. 17 <sup>1</sup> / <sub>8</sub>			18
A-81-60B	Feed Dog Ear, similar to A-81-60, but four fine teeth, Sc. 17 <sup>1</sup> / <sub>8</sub>			18
A-81-61	Feed Dog Ear, similar to 6-81-X, except thinner and longer, three teeth, Sc. 1 <sup>1</sup> / <sub>8</sub>			18
A-81-64	Feed Dog Ear, similar to A-81-5 but additional feeding right hand side, five teeth, Sc. 8 <sup>1</sup> / <sub>8</sub>			18
A-81-65	Feed Dog Ear, similar to A-81-5C but additional feeding right hand side, three teeth, Sc. 8 <sup>1</sup> / <sub>8</sub>			18
A-81-74	Similar to A-81-8, except smooth polyurethane feeding surface			18
A-81-75	Similar to A-81-11, except smooth polyurethane feeding surface			18
A-81-76	Similar to A-81-43, except smooth polyurethane feeding surface			18
A-81-77	Front differential, single row, coarse teeth		3DU	18
A-81-78	Rear differential, fine teeth, single row, used with front Feed A-81-79 and Needle Plate A-70-106		3DWL	18
A-81-79	Front differential, fine teeth, single row, used with rear Feed, A-81-78 and L.L. Thread Tube A-69-7, 8 or 11		3DW	18
A-81-80	Front differential, fine teeth, single row, used with L.L. Thread Tube A-69-18 and Needle Plate A-70-103		3DWL	18
A-81-82	Non-differential, single row, fine teeth		M-3Q-3	18
6-81-X	Feed Dog Ear, three teeth, Sc. 1 <sup>1</sup> / <sub>8</sub>			18
6-81-12	Feed Dog Ear, four teeth, Sc. 1 <sup>1</sup> / <sub>8</sub>			18



Part No.  
6-82

**FEED ECCENTRIC**

Feed Eccentrics, Key-On (Stitches to the Inch) 3, 3 1/2, 4, 4 1/2, 5, 6, 7, 8, 9, 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32, 34, 36, 40, 50, 60, 70, 80, 90, 100

Illust.  
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**WORK PLATE**

- M-84-1 Straight front
- M-84-2 Curved front, small — used on Styles similar to M-84-1
- M-84-3 Curved front, small
  
- M-84-4 Straight front
- M-84-5 Straight front for submerged table mountings
- M-84-6 Straight front
- M-84-7 Straight front (Needle Plate A-70-67)
- M-84-8 Curved front with rib
- M-84-11 Straight front, used with straight front Needle Plate
- M-84-12 Curved front, used with sloped front Needle Plate
- M-84-13 Straight front
- M-84-14 Work Plate Cover; covers only above Work Plate Support
- M-84-15 Curved front with rib, left hand side relieved for small tubular work
- M-84-16 Curved front, small
- M-84-17 Curved front, small used on Styles similar to M-84-5
- M-84-18 Similar to M-84-11, but curved front
- M-84-23 Similar to M-84-16, except for 1/16" less offset

Work Plate Stud M-324-1  
Screw 10 3/16

**Style**

- 3DW, 3DW-2 2,20
- 3DW, 3DW-2 20
- 3DR, 3DRW, 4D-45 Men's and Ladies' 20
- 2DNR-1, 3U
- 3DW-2
- 2DH-1
- 3DW-4
- 2DH-1
- 3DW-3
- 3DW-3
- M-3DW-SI
  
- 2DH-1
- 3DW-4
  
- 3DW-7

**DUST SHIELD**

- M-87-2
  - M-87-3
  - M-87-4
  - M-87-5
  - M-87-6
  - M-87-7
  - M-87-12
- Similar to M-87-3, except for narrow or stub chaining finger  
 Similar to M-87-2, except no Thread Tube  
 Similar to M-87-3, except no Thread Tube  
 Similar to M-87-6, except clearance by Needle Plate  
 Similar to M-87-3, except spacer soldered to help stabilize Dust Shield

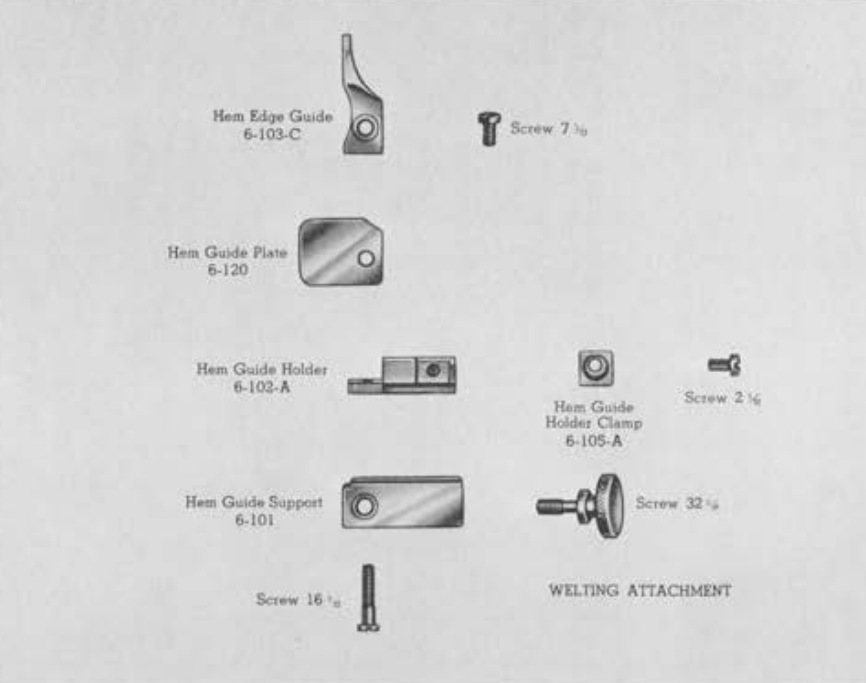
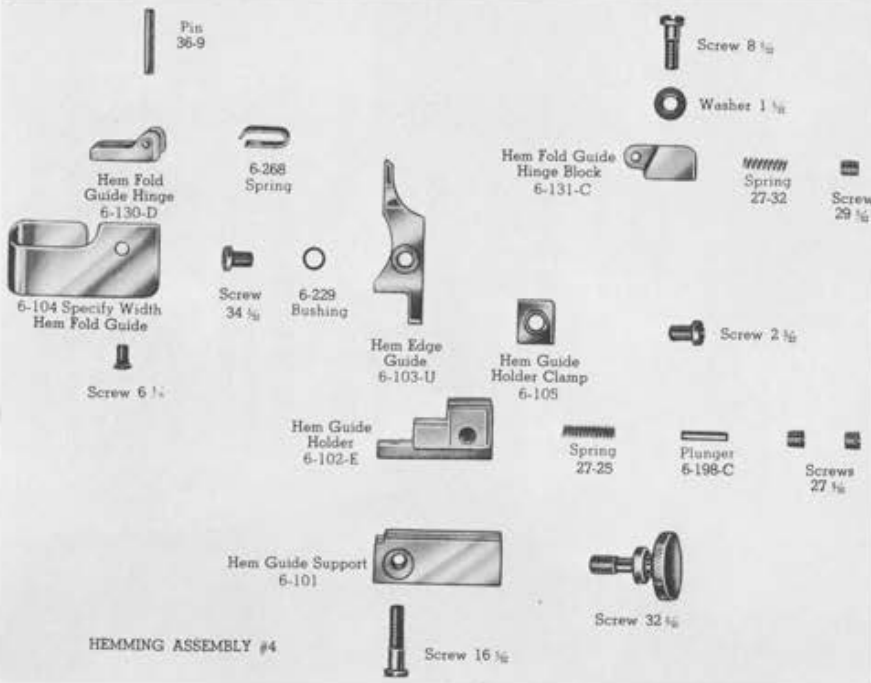
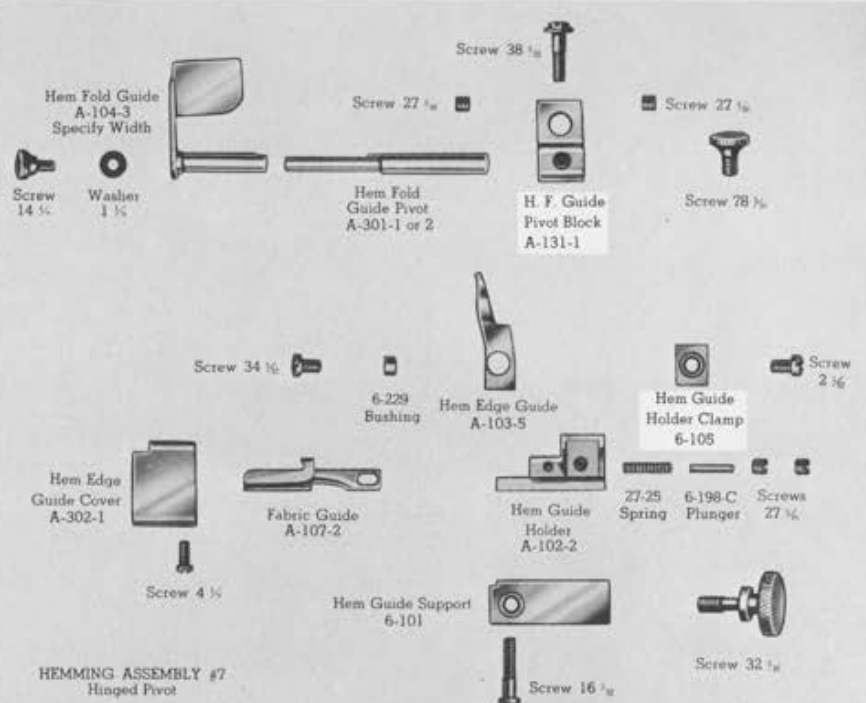
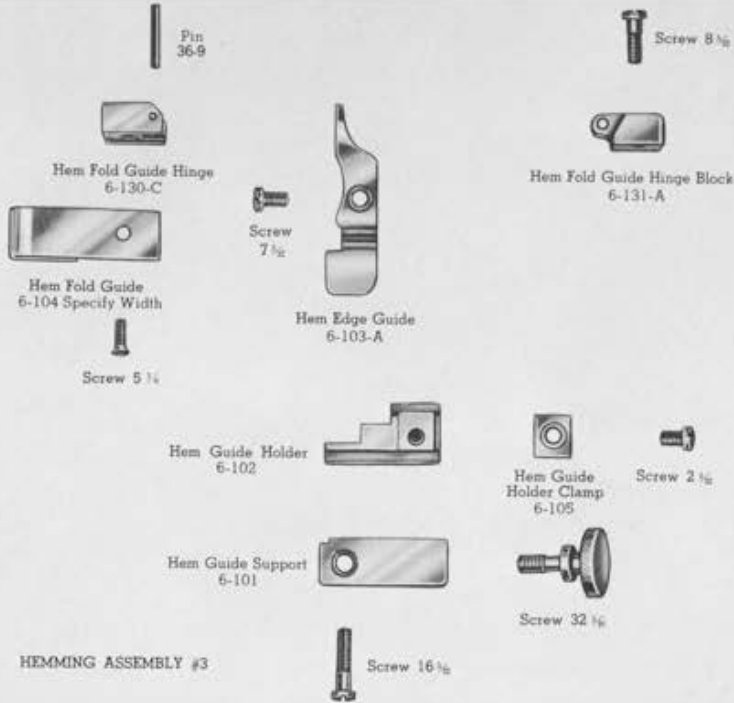
Screws (2) 2 1/8

**Style**

- M-3DW-2, 3, 4 20
- M-3DW
  
- M-4D-45 Men's 3DR

Part No.			Style	Illust. Page
M-87-13	<b>DUST SHIELD</b>	<b>Screws (2) 2<sup>1</sup>/<sub>8</sub></b>		
M-87-15	Similar to M-87-3, except thread conductor is extra hard		3DR	
M-87-16	Similar to M-87-2, except clearance for Cutter Holder A-56-4 and Upper Cutter		MG-3DW-2, 3, 4	2,20
	Similar to M-87-6, no Thread Tube		MG-2DH-1, MG-2DNR-1	
	<b>HEAD CAP</b>			
M-89-2	Used with H.C. Extension M-327-1, Screw 36 <sup>5</sup> / <sub>32</sub> , Screw 53 <sup>5</sup> / <sub>32</sub>			2,20
A-89-6	Used with P.B. Catch A-270-1 to Lock-up Presser Foot, Screws (2) 36 <sup>5</sup> / <sub>32</sub>			
6-89-G	Used with Large Wheel Presser Foot, Screws (4) 5 <sup>3</sup> / <sub>16</sub>			
	<b>UPPER CUTTER</b>			
A-90-1	Serrated, wide			20
A-90-2	Same as A-90-1, but not serrated			
A-90-3	Similar to A-90-1, but shorter, serrated			20
A-90-4	Similar to A-90-1, but same width as 6-90, serrated			20
A-90-5	Similar to A-90-4, but not serrated			
A-90-6	Similar to A-90-3, but not serrated			
A-90-7	Similar to A-90-3, but projection added on front, serrated			
A-90-8	Similar to A-90-3, but carbide			
6-90	Narrow width			20
6-90-C	Like 6-90 but narrower			
6-90-D	Wide, same width as A-90-1			20
6-90-E	Similar to 6-90, but shorter			
6-90-F	Similar to 6-90-D, but shorter			
6-90-G	Similar to 6-90, but serrated			
6-90-H	Similar to 6-90-D, but serrated			
6-90-J	Similar to 6-90-H, but shorter, serrated			
6-90-K	Similar to 6-90-C, but shorter			
6-90-L	Similar to 6-90-G, but shorter, serrated			
6-90-M	Similar to 6-90, but projection on front added			20
6-90-P	Similar to 6-90-D, but projection added on front			
6-90-Q	Similar to 6-90-D, but carbide			
6-90-R	Similar to 6-90-F, but carbide			
6-90-S	Similar to 6-90-C, but carbide			
	<b>LOWER CUTTER</b>			
6-91	Narrow width, used with Upper Cutter 6-90			20
6-91-C	Used with Upper Cutter 6-90-C			
6-91-E	Wide width, used with A-90-1, thickness .041			20
6-91-F	Extra wide Lower Cutter; used with special U.C. Holder EXC-302-4 or EXC-302-4A.			20
6-91-G	Similar to 6-91-F, but thicker .062			
6-91-H	Similar to 6-91-G, except width of 6-91-E, thickness .062			
6-91-J	Similar to 6-91-G, except thickness .055 and no rib			
6-91-K	Similar to 6-91-H, except thickness .055 and no rib			
6-91-L	Similar to 6-91-E, but carbide			
6-91-M	Similar to 6-91, but carbide			
6-91-N	Similar to 6-91-H, but carbide			
	<b>FEED CARRIER BLOCK ECCENTRIC PIN</b>	<b>Screws (2) 48<sup>5</sup>/<sub>32</sub></b>		
M-94-1	Generally used			16
M-94-2	Used with M-75-2 on Style M-3DW-SI			
M-94-3	Hole plug for Style M-3DW-SI			
M-94-6	Used to lower Feed Carriers when using F.R.E. Block M-80-3			
	<b>FABRIC GUARD</b>			
M-96-2	Fabric Guard (Lower) Screws (2) 3 <sup>1</sup> / <sub>8</sub>			20,36
M-96-3	Fabric Guard (Upper) Screw 7 <sup>5</sup> / <sub>32</sub>			20,36
M-96-4	Similar to M-96-3, except for Extra Wide Needle Plates, Screw 7 <sup>5</sup> / <sub>32</sub>			
	<b>UPPER CUTTER HOLDER CLAMP</b>	<b>Screw 8<sup>1</sup>/<sub>8</sub></b>		
A-97-1	Generally used			5
	<b>PRESSER FOOT LIFTER</b>			
M-99-1	Generally used			20,36
	P.F.L. Bushing 6-100, Sc. 71 <sup>3</sup> / <sub>16</sub> , Nut 2 <sup>3</sup> / <sub>16</sub>			20,36
	P.F.L. Stop Clamp A-278-2, Sc. 16 <sup>1</sup> / <sub>8</sub> , Nut 4 <sup>3</sup> / <sub>16</sub>			20,36
	Spring 27-35			20,36
	Presser Foot Lifter Treadle Complete 10-3			
	Presser Foot Lifter Treadle Spring 27-18			
	Presser Foot Lifter Treadle Chain 6-195			
6-99-C	Used with Head M-2-6 and Head Cap 6-89-G on Large Wheel Foot Machine			
	<b>PRESSER FOOT LIFTER BUSHING</b>			
6-100	Presser Foot Lifter Nut 2 <sup>3</sup> / <sub>16</sub>			20,36
	Presser Foot Lifter Screw 71 <sup>3</sup> / <sub>16</sub>			





**HEMMING ASSEMBLY #3**

For use on Style M or MG-2DH  
 Hem Guide Support 6-101  
 Screw 16<sup>3</sup>/<sub>32</sub>  
 Hem Guide Holder 6-102  
 Adjusting Screw 32<sup>3</sup>/<sub>16</sub>  
 Hem Edge Guide 6-103-A  
 Screw 7<sup>5</sup>/<sub>32</sub>  
 Hem Guide Holder Clamp 6-105  
 Screw 2<sup>3</sup>/<sub>32</sub>  
 Hem Fold Guide, specify hem width  
 Screw 5<sup>1</sup>/<sub>8</sub>  
 Hem Fold Guide Hinge 6-130-C  
 Pin 36-9  
 Hem Fold Guide Hinge Block 6-131-A  
 Screw 8<sup>5</sup>/<sub>32</sub>

**HEMMING ASSEMBLY #4**

For use on Style M or MG-2DH-1  
 Hem Guide Support 6-101  
 Screw 16<sup>3</sup>/<sub>32</sub>  
 Hem Guide Holder 6-102-E  
 Adjusting Screw 32<sup>3</sup>/<sub>16</sub>  
 Spring 27-25  
 Plunger 6-198-C  
 Adjusting Screw 27<sup>3</sup>/<sub>16</sub>  
 Lock Screw 27<sup>3</sup>/<sub>16</sub>  
 Hem Edge Guide 6-103-U  
 Bushing 6-229  
 Pivot Screw 34<sup>5</sup>/<sub>32</sub>  
 Hem Fold Guide 6-104, specify hem width  
 Screw 6<sup>1</sup>/<sub>8</sub>  
 Hem Guide Holder Clamp 6-105  
 Screw 2<sup>3</sup>/<sub>32</sub>  
 Hem Fold Guide Hinge 6-130-D  
 Spring 6-268  
 Hem Fold Guide Hinge Block 6-131-C  
 Pin 36-9  
 Spring 27-32  
 Screw 8<sup>5</sup>/<sub>32</sub>  
 Adjusting Screw 29<sup>3</sup>/<sub>32</sub>  
 Washer 1<sup>9</sup>/<sub>32</sub>

**WELTING ATTACHMENT**

Hem Guide Support 6-101  
 Screw 16<sup>3</sup>/<sub>32</sub>  
 Hem Guide Holder 6-102-A  
 Adjusting Screw 32<sup>3</sup>/<sub>16</sub>  
 Hem Edge Guide 6-103-C  
 Screw 7<sup>5</sup>/<sub>32</sub>  
 Hem Guide Holder Clamp 6-105-A  
 Screw 2<sup>3</sup>/<sub>32</sub>  
 Hem Guide Plate 6-120

**HEMMING ASSEMBLY #4B**

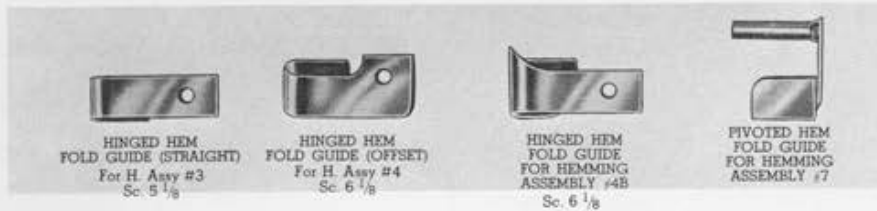
For use on Style M or MG-2DH-1  
 Hem Guide Support 6-101  
 Screw 16<sup>3</sup>/<sub>32</sub>  
 Hem Guide Holder A-102-2  
 Adjusting Screw 32<sup>3</sup>/<sub>16</sub>  
 Spring 27-25  
 Plunger 6-198-C  
 Adjusting Screw 27<sup>3</sup>/<sub>16</sub>  
 Lock Screw 27<sup>3</sup>/<sub>16</sub>  
 Hem Edge Guide A-103-5  
 Bushing 6-229  
 Pivot Screw 34<sup>5</sup>/<sub>32</sub>  
 Hem Fold Guide 6-104 or EXB-803, specify hem width  
 Screw 6<sup>1</sup>/<sub>8</sub>

**HEMMING ASSEMBLY #7 (Hinged Pivot)**

For use on Style M or MG-2DH-1  
 Hem Guide Support 6-101  
 Screw 16<sup>3</sup>/<sub>32</sub>  
 Hem Guide Holder A-102-2  
 Adjusting Screw 32<sup>3</sup>/<sub>16</sub>  
 Hem Edge Guide A-103-5  
 Plunger 6-198-C  
 Bushing 6-229  
 Pivot Screw 34<sup>5</sup>/<sub>32</sub>  
 Spring 27-25  
 Adjusting Screw 27<sup>3</sup>/<sub>16</sub>  
 Lock Screw 27<sup>3</sup>/<sub>16</sub>  
 Hem Guide Holder Clamp 6-105  
 Screw 2<sup>3</sup>/<sub>32</sub>  
 Hem Fold Guide A-104-3, specify hem width  
 Screw 14<sup>1</sup>/<sub>8</sub>  
 Washer 1<sup>1</sup>/<sub>8</sub>  
 Hem Fold Guide Pivot A-301-1 (use A-301-2 with A-104-3, over 1")  
 Clamping Screw 78<sup>3</sup>/<sub>16</sub>  
 Hem Edge Guide Cover A-302-1  
 Hem Fold Guide Pivot Block A-131-1  
 Screw 38<sup>3</sup>/<sub>32</sub>  
 Adjusting Screw 27<sup>3</sup>/<sub>16</sub> (2)  
 Fabric Guide A-107-2  
 Screw 4<sup>1</sup>/<sub>8</sub>

Hem Guide Holder Clamp 6-105  
 Screw 2<sup>3</sup>/<sub>32</sub>  
 Hem Fold Guide Hinge 6-130-D  
 Spring 6-268  
 Hem Fold Guide Hinge Block 6-131-C  
 Pin 36-9  
 Spring 27-32  
 Screw 8<sup>5</sup>/<sub>32</sub>  
 Adjusting Screw 29<sup>3</sup>/<sub>32</sub>  
 Washer 1<sup>9</sup>/<sub>32</sub>  
 Fabric Guide A-107-4  
 Screw 4<sup>1</sup>/<sub>8</sub>  
 Hem Edge Guide Cover A-302-1

<b>Part No.</b>	<b>HEM GUIDE SUPPORT</b>	<b>Illust. Page</b>
6-101	Hem Guide Support Screw 16 <sup>3</sup> / <sub>32</sub> Hem Guide Holder Adjusting Screw 32 <sup>3</sup> / <sub>16</sub>	22
	<b>HEM GUIDE HOLDER</b>	
A-102-2	Used with Hemming Assembly #4B and #7	22
6-102	Used with Hemming Assembly #3	22
6-102-A	Used with Welting Attachment	22
6-102-E	Used with Hemming Assembly #4	22
	<b>HEM EDGE GUIDE</b>	
A-103-4	Guide for use on Presser Foot A-71-3, use with Uncurling Block 6-114-C, Screw 5 <sup>9</sup> / <sub>32</sub>	25
A-103-5	Used with Hemming Assembly #4B and #7, Screw 34 <sup>5</sup> / <sub>32</sub>	22
A-103-6	Guide for use on Presser Foot A-71-4, use with Presser Foot Finger A-106-7, Screw 9 <sup>1</sup> / <sub>8</sub>	25
6-103-A	Used with Hemming Assembly #3, Screw 7 <sup>5</sup> / <sub>32</sub>	22
6-103-C	Used with Welting Attachment, Screw 7 <sup>5</sup> / <sub>32</sub>	22
6-103-U	Used with Hemming Assembly #4, Screw 34 <sup>5</sup> / <sub>32</sub>	22



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Part No.

**HEM FOLD GUIDE**

Hinged Hem Fold Guide for Hemming Assemblies #3, #4, #4B, BA #3

Hem Size	Straight #3	Offset #4	Offset #4B	BA #3
3/8"	6-104-3	EXC-104-1	EXB-803-2E	
1/2"	6-104-T	6-104-25	6-104-50	6-104-38
5/8"	6-104-23	6-104-26	6-104-49	
3/4"	6-104-Q	6-104-30	6-104-48	6-104-39
7/8"	6-104-46	6-104-27	EXB-803-2C	
1"	6-104-R	6-104-28	EXB-803-2B	6-104-34
1 1/8"	6-104-L	6-104-32	EXB-803-2L	
1 1/4"	6-104-Y	6-104-37	EXB-803-2	6-104-40
1 3/8"			EXB-803-2H	
1 1/2"	6-104-P	6-104-36	EXB-803-2J	6-104-35
1 3/4"	6-104-Z		EXB-803-2P	6-104-41
1 7/8"			EXB-803-2G	
2"	6-104-V	6-104-33	EXB-803-2F	6-104-42
2 1/2"	6-104-M		EXB-803-2M	
3"	6-104-O			
3 1/2"	6-104-24			
4"	6-104-N			
4 1/2"	6-104-31			
5"	6-104-4			

7/32" Standard Opening for All H.F. Guides unless otherwise specified — 15/32" Standard for all BA #3 H.F. Guides

**NOTES:**

- For hemming medium weight material, the straight Hem Fold Guides mentioned above may be supplied with 9/32" opening when specified. When using the 9/32" Open Style, the Hem Fold Guide Hinge Block 6-131-B is required.
- For hemming heavy materials, certain Hem Fold Guides are available with 15/32" opening when specified. When using the 15/32" Open Style, the Hem Fold Guide Hinge Block 6-131-A and Shim EXB 873-19 are required on Hemming Assembly #3.
- Hinged Hem Fold Guide Screw 5 1/8" with 6-130-C. Hinged Hem Fold Guide Screw 6 1/8" with 6-130-D.

Pivoted Hem Fold Guide used on Hemming Assembly #7

1/4"-A-104-3	1/2"-A-104-3	3/4"-A-104-3	1"-A-104-3
3/8"-A-104-3	5/8"-A-104-3	7/8"-A-104-3	

Use Hem Fold Guide Pivot A-301-1 with above

1 1/4"-A-104-3	1 3/4"-A-104-3
1 1/2"-A-104-3	2"-A-104-3

Use Hem Fold Guide Pivot A-301-2 with above

Washer 1 1/8" Screw 14 1/8"

**HEM GUIDE HOLDER CLAMP**

Screw 2 5/32"

6-105	Used with Hemming Assemblies #3, #4, #4B, or #7	22
6-105-A	Used with Welting Attachment	22

**PRESSER FOOT FINGER**

Screw 9 1/8"

A-106-2	Stub finger 5/32" wide, used with center hinged Presser Foot for single or double row feed	25
A-106-3	Chaining finger 3/32" wide, used on center hinged Presser Foot for single or double row feed	25
A-106-5	Chaining finger 7/64" wide, used on center hinged Presser Foot for single or double row feed, (used on Hemming Machines)	25
A-106-6	Stub finger adapted to make rolled edge finish 5/32" wide, use with 6-71-78 on Style 3DR, no Key	25
A-106-7	Stub finger 5/32" wide, used with center hinged Presser Foot A-71-4 for double row feed and Hem Edge Guide A-103-6	25
A-106-8	Stub finger 7/64" wide, used with center hinged Presser Foot A-71-26	25
A-106-10	Chaining finger 1/8" wide, otherwise similar to A-106-5	25
A-106-11	Stub finger 3/32" wide for inserting cord within stitch, otherwise similar to A-106-2	25
A-106-12	Stub finger, adapted to insert 1/8" wide woven or elastic tape under edge finish, tape not pierced by needle, used with Presser Foot A-71-10	25
A-106-13	Chaining Finger 3/32" wide	25
A-106-14	Stub finger to make rolled edge finish on light material	25





**Part No.**

**PRESSER FOOT FINGER**

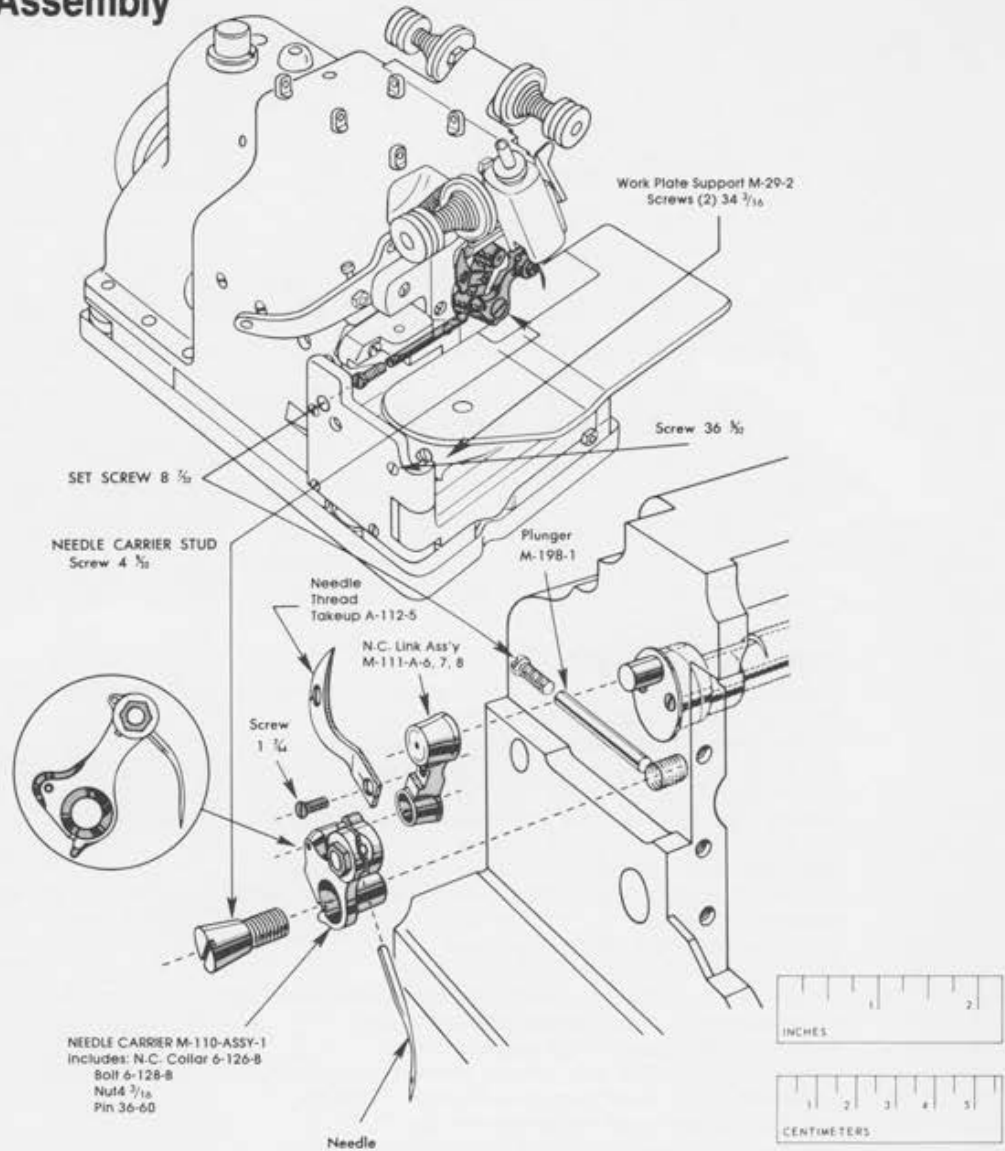
A-106-15	Chaining finger to make rolled edge finish on lightweight material used with Presser Foot A-71-13, no Key	25
A-106-17	Stub finger 1/4" wide, used with Presser Foot 6-71-92, no Key	25
A-106-18	Chaining finger, 1/8" wide, used on rigid Presser Foot, Screw 3 1/8	
A-106-19	Stub finger, adapted to insert 1/4" wide woven or elastic tape under edge finish, tape pierced by needle, used with Presser Foot A-71-24, Screw 3 1/8	25
A-106-20	Chaining finger, 1/8" wide, similar to A-106-10 but finger is longer	25
A-106-21	Stub finger, similar to A-106-2 but 1/16" wider	25
A-106-22	Stub finger, similar to A-106-12 but adapted to run 3/16" wide tape	25
A-106-23	Stub finger, adapted to insert 1/8" wide, woven or elastic tape, pierced by needle, used with rigid Presser Foot, Screw 3 1/8	25
A-106-24	Stub finger, similar to A-106-25, but narrower	25
A-106-25	Similar to A-106-2, but angled to clear upper looper	25
A-106-26	Similar to A-106-2, except groove added for inserting cord within stitch and piercing cord	25
A-106-27	Similar to A-106-21, except for narrower trimming	25
A-106-28	Similar to A-106-13, except finger stubbed	25
A-106-29	Chaining finger, 5/32" wide, used with rigid Presser Foot, Screw 3 1/8	25
A-106-30	Similar to A-106-27, except grooved for Style 4DW-100 or 107	25
A-106-31	Similar to A-106-24, except for narrower trimming	25
A-106-32	Similar to A-106-27, except altered to Style 4DW-60	25
A-106-33	Similar to A-106-28, except altered for 4D-45	25
A-106-34	DISCONTINUED Use A-106-37	
A-106-35	Similar to A-106-33, except wide extension to right for uncurling fabric on Style 4D-45, Men's and Ladies' Hosiery	
A-106-37	Compressing finger compresses fabric within stitch formation replaces A-106-34	25
6-106-B	Stub finger 3/32" wide, used with rigid Presser Foot for double row feed, Screw 3 1/8	25
6-106-C	Chaining finger 3/32" wide, used with rigid Presser Feet for double row feed, Screw 3 1/8	25
6-106-H	Stub finger 5/32" wide, used with rigid Presser Feet for single row feed, Screw 3 1/8	25
6-106-K	Stub finger 5/32" wide, used on rigid Presser Feet for double row feed, Screw 3 1/8	25
6-106-8	Stub finger 5/32" wide, used with center hinged Presser Foot 6-71-92 on machine with 6-90-D Upper Cutter	25
6-106-10	Similar to 6-106-8 but wider by Upper Cutter	25
6-106-17	Stub finger, adapted to make rolled edge finish used with Presser Foot 6-71-78	25
6-106-19	Stub finger, adapted to make rolled edge finish on heavy material, used with Presser Foot 6-71-84, no Key	25
6-106-23	Similar to A-106-6 but considerably narrower, used on Style 2DNR-1	25

**FABRIC GUIDE**

A-107-1	Used with Presser Foot A-71-9, Screw 2 3/32	25
A-107-2	Used with Hemming Assembly #7, Screw 4 1/8	22
A-107-3	Used with Presser Foot A-71-21, Screw 8 1/8	25
A-107-4	Similar to A-107-2 except left side removed, used with Hemming Assembly #4B, Screw 4 1/8	
A-107-5	Attaches to Presser Arm to prevent chain and material from curling back into stitch, Screws (2) 11 3/32	
6-107	Edge Guide adapted to be used in place of Lower Cutter	25
6-107-B	Edge Guide adapted to be used in place of Lower Cutter	25
6-107-25	Edge Guide adapted to be used in place of Lower cutter — Style 3U Emblem	

**Illust. Page**

# Needle Carrier Assembly

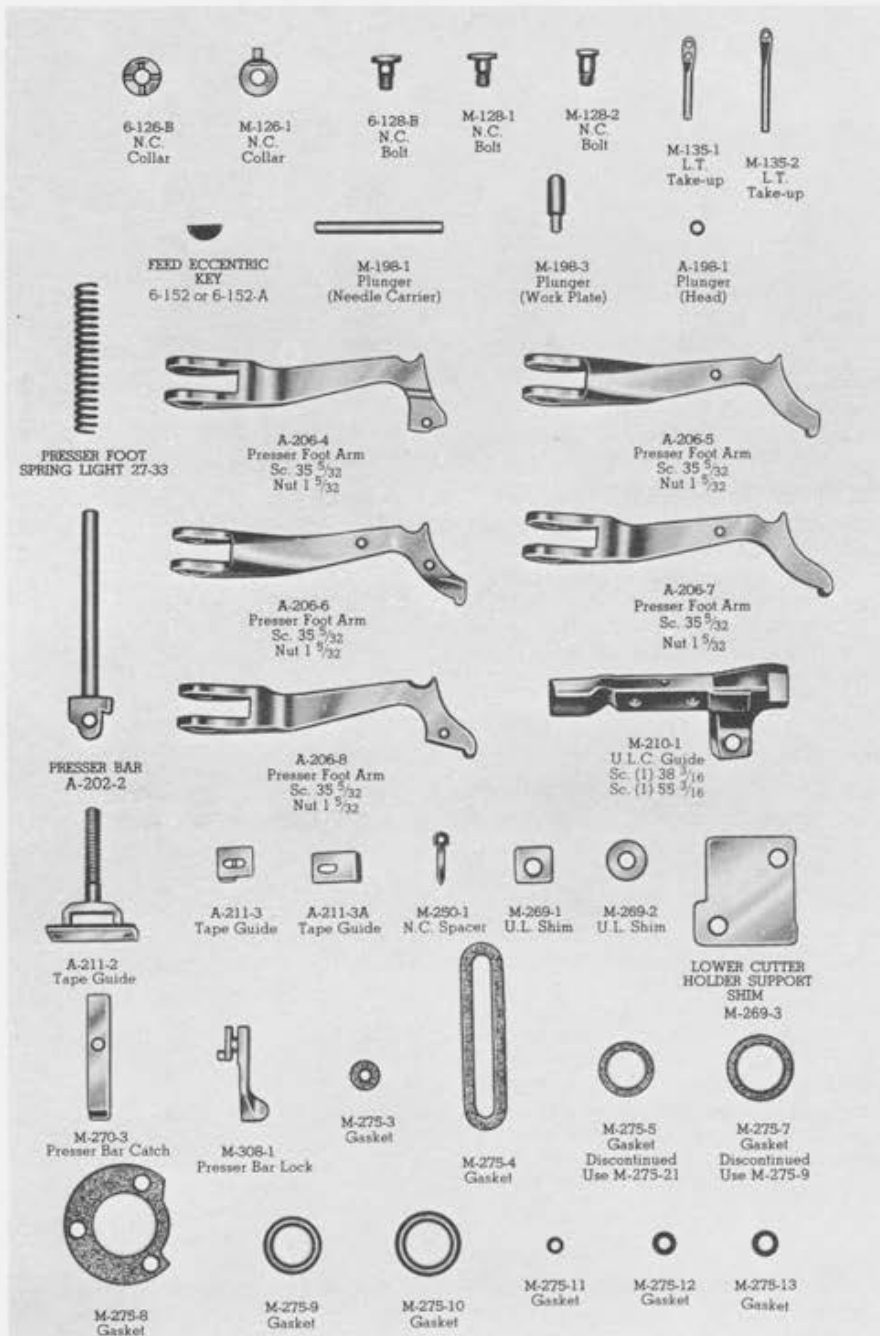


- |  |   |   |   |   |                            |   |                     |            |             |
|--|---|---|---|---|----------------------------|---|---------------------|------------|-------------|
| Needle Thread Take-ups<br>Screw 1 7/64 |   |   |   |   |                            |   |                     |            |             |
|  | A-112-1                                     | A-112-2                                     | A-112-3                                     | A-112-5                                   | A-112-7                    | A-112-6                                   | A-112-8             | 6-112-N    | 6-112-V     |
|  | M ————— 113 ————— ASSEMBLY ————— I          |   |   |   |                            |   |                     |            |             |
|  |   |   |   |   |                            |   |                     |            |             |
|  | A-109-1<br>T.R. Shell                       | Tension Rod<br>A-ASSY-8                     | Tension Disc<br>14-142                      | FELT<br>WASHER 6 1/4                      | TENSION<br>SPRING<br>27-64 | Tension Nut<br>14-8A                      | Tension Nut<br>14-8 |            |             |
| P.F. Uncurling Blocks                  |   |   |   |   |                            |   |                     |            |             |
|  | A-114-1                                     | A-114-2                                     | A-114-3                                     | A-114-5                                   | A-114-6                    | A-114-7                                   | 6-114-A             | 6-114-C    | 6-114-D     |
|  | Sc. 12 3/32                                 | Sc. 3 3/32                                  | Sc. 12 3/32                                 | Sc. 12 3/32                               | Sc. 12 3/32                | Sc. 12 3/32                               | Sc. 12 3/32         | Sc. 5 3/32 | Sc. 12 3/32 |
|  |   |   |   |   |                            |   |                     |            |             |
|  | A-121-1<br>Thread Cutter<br>Sc. (2) 11 3/32 | A-121-2<br>Thread Cutter<br>Sc. (2) 11 3/32 | A-121-3<br>Thread Cutter<br>Sc. (2) 11 3/32 | A-125-1<br>P.F. Hinge Spring<br>Sc. 9 1/8 | 6-125<br>P.F. Hinge Spring | 6-125-B<br>P.F. Hinge Spring<br>Sc. 9 1/8 |                     |            |             |



Part No.	TENSION ROD SHELL	Illust. Page
A-109-1		26
	<b>NEEDLE CARRIER</b>	
	<b>Tapered Stud Screw 4<sup>3</sup>/<sub>32</sub> Set Screw 8<sup>7</sup>/<sub>32</sub>, Plunger M-198-1</b>	26
	<b>Needle</b>	
	<b>Carrier Collar Bolt Pin Spacer Nut</b>	
M-110-Assy-1	M-110-1 6-126-B 6-128-B 36-60 None 4 <sup>3</sup> / <sub>16</sub>	26
M-110-Assy-5	M-110-5 6-126-B 6-128-B 36-60 None 4 <sup>3</sup> / <sub>16</sub>	
M-110-Assy-45	M-110-45 M-126-1 M-128-1 36-60 None 4 <sup>3</sup> / <sub>16</sub>	
M-110-Assy-60	M-110-60 M-126-1 M-128-1 36-60 None 4 <sup>3</sup> / <sub>16</sub>	
M-110-Assy-100	M-110-100 M-126-1 M-128-2 36-60 M-250-1 4 <sup>3</sup> / <sub>16</sub>	
M-110-Assy-101	M-110-101 M-126-3 M-128-2 36-60 M-250-1 4 <sup>3</sup> / <sub>16</sub>	
	<b>NEEDLE CARRIER LINK</b>	
M-111-Assy-6	Used with Upper Shaft M-62-Assy-8, 14,18	26
M-111-Assy-7	Used with Upper Shaft M-62-Assy-5, 15B	26
M-111-Assy-8	Similar to M-111-Assy-6, except .020 shorter — used with Upper Shaft M-62-Assy-16	26
	<b>NEEDLE THREAD TAKEUP</b>	
	<b>Screw 1<sup>7</sup>/<sub>64</sub></b>	<b>Style</b>
A-112-1	For two thread or three thread box stitch, used with Thread Guides 6-61-E and 6-61-N	26
A-112-2	For tight needle thread, used with Thread Guide A-61-4	26
A-112-3	For tight needle thread, used with Thread Guide A-61-4	26
A-112-5	For tight needle thread, used with Thread Guide 6-61-H, slot added for threading	26
A-112-6	Used with Thread Guides A-61-4, 6 and 8	26
A-112-7	Used with Thread Guides A-61-4, 6 and 8	26
A-112-8	Used with Thread Guides M-61-7, 8	26
6-112-N	Similar to A-112-5, except not slotted	26
6-112-V		26
	<b>TENSION ROD</b>	
M-113-Assy-2	Consists of: T.Rod A-113-1, (2) T.Disc 14-142, Felt Washer 6 <sup>1</sup> / <sub>4</sub> , T. Nut (Holds Spring) 14-8A, T. Nut 14-8, T.R. Shell A-109-1, and Tension Spring (14-760, 14-64 or 14-64A) Specify Spring desired	4,36
A-113-1	Tension Rod only	
A-Assy-8	A-113-1 assembled with Tension Disc 14-142 (soldered)	26
	<b>PRESSER FOOT UNCURLING BLOCK</b>	
A-114-1	For wide Upper Cutter, Screw 12 <sup>3</sup> / <sub>32</sub>	26
A-114-2	Used with Presser Foot A-71-10, for narrow Upper Cutter, Screw 3 <sup>3</sup> / <sub>32</sub>	26
A-114-3	For narrow Upper Cutter, Screw 12 <sup>3</sup> / <sub>32</sub>	26
A-114-5	Generally used for wide Upper Cutter, Screw 12 <sup>3</sup> / <sub>32</sub>	26
A-114-6	Used with Presser Foot A-71-27 for narrow cutters, Screw 12 <sup>3</sup> / <sub>32</sub>	26
A-114-7	Used with Presser Foot A-71-27 for wide cutters, Screw 12 <sup>3</sup> / <sub>32</sub>	26
A-114-8	Similar to A-114-2, except for wide Upper Cutter, Screw 3 <sup>3</sup> / <sub>32</sub>	26
6-114-A	Generally used on Presser Foot aranged for hemming or welting, narrow cutters, Screw 12 <sup>3</sup> / <sub>32</sub>	26
6-114-C	Used with Presser Foot for hemming and narrow cutters, Screw 5 <sup>3</sup> / <sub>32</sub>	26
6-114-D	Used with Presser Foot 6-71-93 for narrow cutters, Screw 12 <sup>3</sup> / <sub>32</sub>	26
	<b>SWING EDGE GUIDE BUSHING</b>	
6-117		3
	<b>SWING EDGE GUIDE SUPPORT</b>	
	<b>Screw 50<sup>3</sup>/<sub>16</sub> (Short) Screw 93<sup>3</sup>/<sub>16</sub> (Long)</b>	
M-119-1	Used with S.E. Guide 6-8	3
	<b>THREAD CUTTER</b>	
	<b>Screws (2) 11<sup>3</sup>/<sub>32</sub></b>	
A-121-1	Use with Presser Arm A-206-5, A-206-6, or A-206-7	26
A-121-2	Similar to A-121-1, except sets <sup>1</sup> / <sub>16</sub> " higher on Presser Arm	26
A-121-3	Similar to A-121-1, except cutting slot further back on Presser Arm	26
	<b>PRESSER FOOT HINGE SPRING</b>	
	<b>Screw 9<sup>1</sup>/<sub>8</sub></b>	
A-125-1	For center hinged Presser Foot, single row feed	26
6-125-B	For center hinged Presser Foot, double row feed	26





**Part No.**

6-126-B  
M-126-1  
M-126-2  
M-126-3

A-126-1

6-128-B  
M-128-1  
M-128-2

M-135-1  
M-135-2  
M-135-6

**NEEDLE CARRIER COLLAR**

Generally used, supplied in M-110-Assy-1

Supplied in M-110-Assy-45, M-110-Assy-60, M-110-Assy-100. Has two thread eyes.

Similar to M-126-1, but slot is used in place of two thread eyes

Supplied in M-110-Assy-101, to offset point of left hand Needle .010 from point of right hand Needle.

Has two thread eyes

Similar to 6-126-B but has thread eye

**NEEDLE CARRIER BOLT**

Generally used; supplied in M-110-Assy-1, M-110-Assy-5

Supplied in M-110-Assy-45 and M-110-Assy-60

Supplied in M-110-Assy-100, M-110-Assy-101

**LOOPER THREAD TAKEUP**

Assembled in U.L.C. Slide M-332-Assy-1 and M-322-Assy-3

Assembled in L.L. Carrier M-51-Assy-1

Like M-135-2 except .020 shorter — Used in L.L. Carrier M-51-A-3

**Illust.**

**Page**

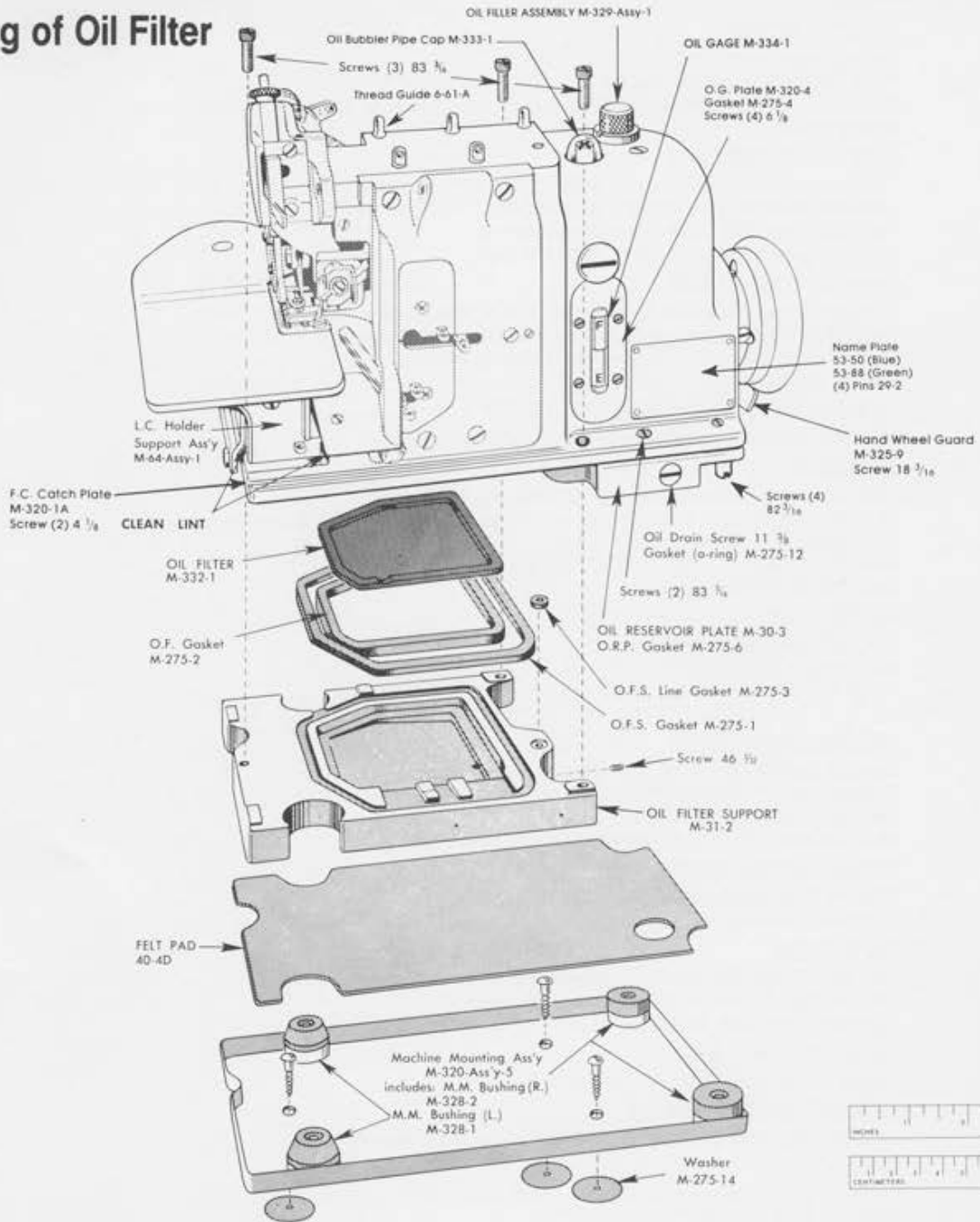
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Part No.		Illust. Page
M-137-1	<b>OIL COLLECTOR</b> Discontinued — Use M-137-6	
M-137-2	Fits in Upper Shaft Hole in Frame with top marked "up." Spring 37-41	32
M-137-6	Replaces M-137-1, similar except has projection which serves as oil guard reducing oil throw. Screws (3) 15 <sup>1</sup> / <sub>8</sub>	4
	<b>FEED ECCENTRIC KEY</b>	
6-152	Used with Lower Shafts M-63-2 and M-63-Assy-12, 12A (Differential Feed)	28
6-152-A	Used with Lower Shafts M-63-1 and M-63-Assy-11, 11A (Differential Feed)	28
6-152-B	Used with Lower Shaft M-63-4 (Non-differential Feed)	
6-152-C	Used with Lower Shaft M-63-3 (Non-differential Feed)	
	<b>THREAD TUBE CLAMP</b> <span style="float: right;">Screw 6<sup>5</sup>/<sub>32</sub></span>	
M-184-1	Used with Thread Guide A-61-4, Spacer EXC-345-57, Screw 93 <sup>3</sup> / <sub>16</sub>	
A-184-1	Similar to 6-184-B, except relieved for front Feed Dog, used on Style M-3DW-SI	
6-184	Used on spring type Lower Cutter Holder Support, M-64-Assy-1	8
6-184-B	Used on rigid type Lower Cutter Holder Supports, M-64-Assy-2, 3	8
	<b>LOWER CUTTER HOLDER SPRING STOP</b> <span style="float: right;">Screw 2<sup>5</sup>/<sub>32</sub></span>	
6-185-A	Used with spring type Lower Cutter Holder Support M-64-Assy-1	8
	<b>PLUNGER</b>	
M-198-1	Used in Frame to set Needle Carrier Stud Screw 4 <sup>9</sup> / <sub>32</sub> , Set Screw 8 <sup>7</sup> / <sub>32</sub>	26,28
M-198-2	Oil Pump Plunger (2 per machine) Used with: Screw (Upper Pump) 8 <sup>7</sup> / <sub>16</sub> or Screw (Lower Pump) 9 <sup>7</sup> / <sub>16</sub> , Spring 27-40, Screw Gasket M-275-21	32,36
M-198-3	Work Plate Plunger — used with W.P.P. Spring 27-42	28
A-198-1	Used in Head with Screw 13 <sup>5</sup> / <sub>32</sub>	2,28
	<b>PRESSER BAR</b>	
A-202-1	Used on Styles 2DH-1, 2DNR-1	2
A-202-2	Used on Style 3DW-2, 3DW-4	28
A-202-6	Similar to A-202-2, except end portion <sup>1</sup> / <sub>16</sub> " longer, used on Style 3DW-7	
	<b>PRESSER FOOT ARM</b> <span style="float: right;">Screw 35<sup>5</sup>/<sub>32</sub> Nut 1<sup>5</sup>/<sub>32</sub></span>	
A-206-5	Generally used for double row feed, center hinged Presser Foot	28
A-206-6	Generally used for single row feed, center hinged Presser Foot	28
A-206-7	Used with Presser Foot A-71-4, 6-71-92	28
A-206-8	Used with Wedge A-312-1, otherwise similar to A-206-5	28
	<b>UPPER LOOPER CARRIER GUIDE</b>	
M-210-1	Screw 38 <sup>3</sup> / <sub>16</sub> on outside of Frame Cap Screw 55 <sup>3</sup> / <sub>16</sub> on inside of Frame Cap	4,28
	<b>TAPE GUIDE</b>	
A-211-2	Used with Tension Plate A-317-1 to guide tape up to <sup>1</sup> / <sub>2</sub> " wide, used in A-Assy-10	28,34
A-211-3	Left hand Tape Guide for Presser Foot A-71-38, Screw 2 <sup>7</sup> / <sub>32</sub>	28
A-211-3A	Right hand Tape Guide for Presser Foot A-71-38, Screw 2 <sup>7</sup> / <sub>32</sub>	28
	<b>TAPE GUIDE HOLDER</b> <span style="float: right;">Screws (2) 1<sup>1</sup>/<sub>8</sub></span>	
A-241-1	Used in A-Assy-10 with Tension Plate A-317-1	34
	<b>NEEDLE CARRIER SPACER</b>	
M-250-1	Supplied in N. Carrier Assembly M-110-Assy-100 and M-110-Assy-101	28
	<b>SHIM</b>	
M-269-1	For Upper Looper Carrier Guide M-210-1, square, specify thickness desired .0525, .0530, .0535. . . .0570. Class M	4,28
M-269-2	For Upper Looper Carrier Guide, M-210-1, round, specify thickness desired .0510, .0515, .0520. . . .0570. Class M	4,28
M-269-3	(.063 thickness) Used under Lower Cutter Holder Support	28
M-269-4	(.103 thickness) Used under Lower Cutter Holder Support	
M-269-5	(.123 thickness) Used under Lower Cutter Holder Support	
M-269-6	(.140 thickness) Used under Lower Cutter Holder Support	
M-269-7	(.163 thickness) Used under Lower Cutter Holder Support	
M-269-8	(.183 thickness) Used under Lower Cutter Holder Support	
M-269-9	(.200 thickness) Used under Lower Cutter Holder Support	
M-269-10	(.093 thickness) Used under Lower Cutter Holder Support	
M-269-15	For Upper Looper Carrier Guide M-210-1, square, specify thickness desired, .0531, .0533, .0535. . . .0555. Class MG	4
	<b>PRESSER BAR CATCH</b>	
M-270-3	Generally used	2,28
M-270-4	Used on Styles that use Shim M-269-8 or M-269-9. Used with Presser Bar Lock M-308-1	
A-270-1	Used with Head Cap A-89-6 to lock-up Presser Foot	

# Cleaning of Oil Filter

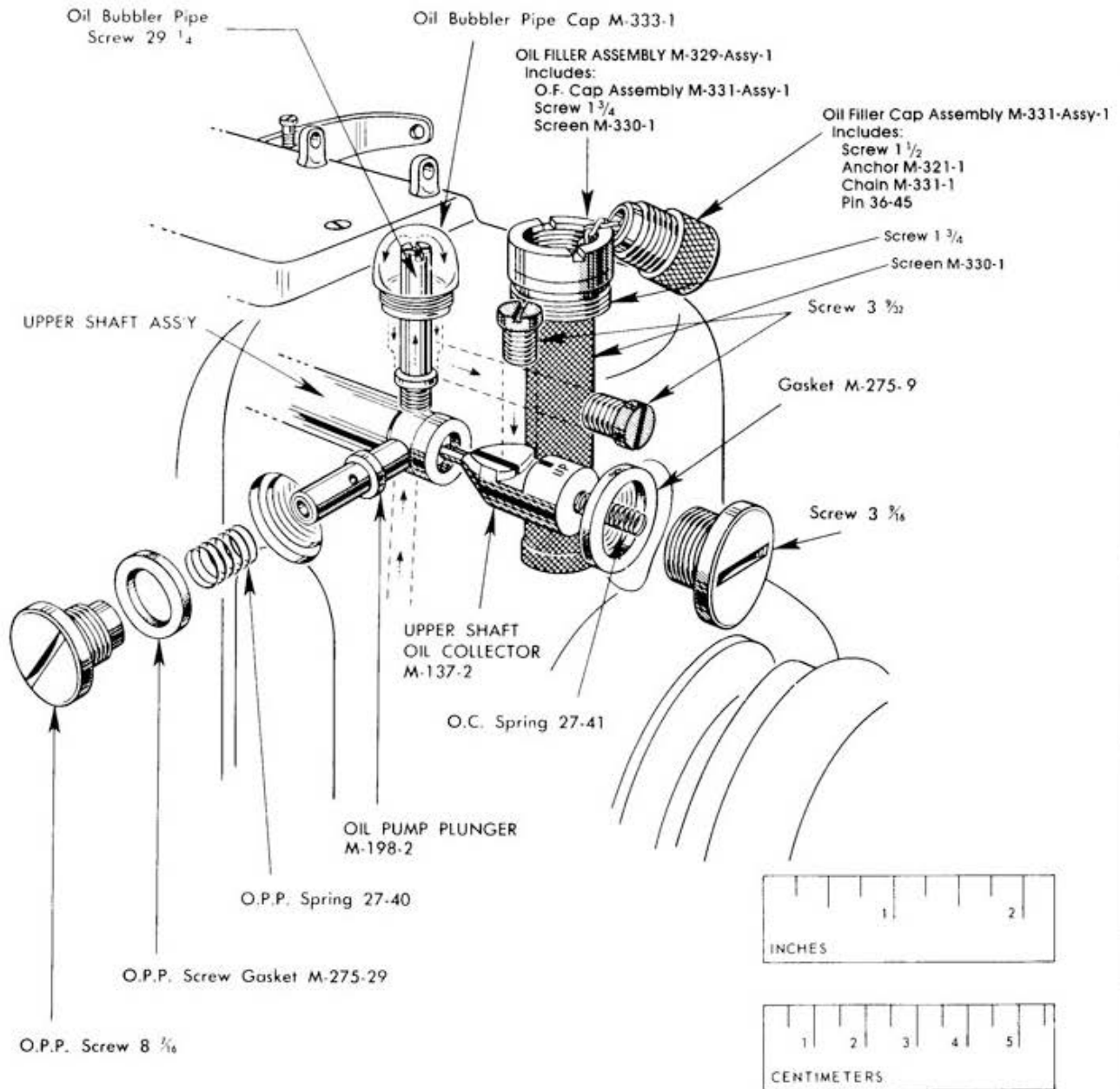


Part No.	GASKET	Illust. Page
M-275-1	Oil Filter Support Gasket	30
M-275-2	Oil Filter Gasket	30
M-275-3	Oil Filter Support Line Gasket	28,30
M-275-4	Oil Gage Gasket	28,30
M-275-5	Oil Pump Plunger Screw Gasket — Discontinued Use M-275-21	
M-275-6	Oil Reservoir Plate Gasket	30
M-275-7	Oil Collector Spring Screw Gasket — Discontinued Use M-275-9	
M-275-8	Cutter Lever Sleeve Support Gasket	28
M-275-9	(O-Ring) Handwheel Seal Gasket and Oil Collector Spring Screw Gasket	28,32
M-275-10	(O-Ring) Upper Cutter Carrier Stud Hole Plug Gasket	28,36
M-275-11	(O-Ring) Upper Shaft Flange Extension Gasket	28,34
M-275-12	(O-Ring) Oil Reservoir Plate Drain Screw Gasket	28,30
M-275-13	(O-Ring) Tube Gasket for M-95-1 with Frame M-1-5	28
M-275-14	Rubber Washer used in M-320-Ass'y-5	30
M-275-21	Oil Pump Plunger Screw Gasket (Upper and Lower)	32,36



Part No.		Illust. Page
A-278-2	<b>PRESSER FOOT LIFTER STOP CLAMP</b> Used with Screw 16 <sup>3</sup> / <sub>16</sub> and Nut 4 <sup>7</sup> / <sub>16</sub>	20,36
	<b>PLUG</b>	
M-282-1	Generally used. Fits in Hole for U.C.C. Stud. Used with Screw 89 <sup>3</sup> / <sub>16</sub> , Gasket (O-Ring) M-275-10	36
M-282-2	Supplied in N.C. Link Assembly M-111-Assy-6, 7 or 8	
M-282-4	Heat sink, mounts in place of Plug M-282-1, absorbs and dissipates machine heat through its fins.	
	<b>PRESSER BAR LOCK</b>	
M-308-1	Used with Presser Bar Catch M-270-3 or M-270-4	2,28
	<b>LOWER CUTTER HOLDER SUPPORT BLOCK</b> Screw 41 <sup>3</sup> / <sub>16</sub>	
A-311-1	Used on Style 3DW-3 with slope front Needle Plate like A-70-60	
A-311-2	Generally used on Style 3DW-3, 3DW-4, similar to A-311-1 except support for Work Plate added	8
	<b>PRESSER ARM WEDGE</b>	
A-312-1	Used with Presser Foot Arm A-206-8, Screw 1 <sup>1</sup> / <sub>8</sub>	34
A-312-2	Used on Presser Foot Arm A-206-5, 6 or 7 to apply more pressure to rear of Presser Foot. Screws (2) 11 <sup>3</sup> / <sub>32</sub>	34
	<b>BRACKET</b>	
A-316-1	Used to Mount Tape Tension Guide in A-Assy-10. Used with Thread Guides (2) A-61-9, Nuts (2) 5 <sup>7</sup> / <sub>16</sub>	34
	<b>TENSION PLATE</b>	
A-317-1	Used with Tape Guide A-211-2 in A-Assy-10	34
	<b>LOWER SHAFT BUSHING</b>	
M-318-1	Used in left hand end of Lower Shaft, Class MG & M	
	<b>CAM ROLL</b>	
M-319-1	Discontinued — Use M-319-6	
M-319-2	Discontinued — Use M-319-7	
M-319-6	Used with Upper Looper Carriers M-50-Assy-1, M-50-Assy-3 (2 per machine)	4
M-319-7	Used with Lower Looper Carriers M-51-Assy-1, M-51-Assy-3 (1 per machine)	4
	<b>PLATE</b>	
M-320-1A	Feed Cover Catch Plate — Used with Catch M-336-1, Screws (2) 4 <sup>1</sup> / <sub>8</sub>	30
M-320-4 Gray/Green	Oil Gage Plate — Used with Screws (4) 6 <sup>1</sup> / <sub>16</sub> , Gasket M-275-4	30,34
M-320-Assy-5 Gray Green	Machine Mounting Assembly. Includes: M.M. Bushing (Left) (rubber) (2) M-328-1, M.M. Bushing (Right) (rubber) (2) M-328-2, Felt Pad 40-4D, Washer (rubber) (3) M-275-14	30
	<b>UPPER LOOPER CARRIER SLIDE</b>	
M-322-Assy-1	Includes Takeup M-135-1, Class M	4
M-322-Assy-3	Includes Takeup M-135-1, Class MG	4
	<b>UPPER LOOPER CARRIER SLIDE ROD</b>	
M-323-1	Used with U.L.C. Slide M-322-Assy-1 and M-322-Assy-3, Screw (right end) 45 <sup>3</sup> / <sub>32</sub> , Set Screw 80 <sup>7</sup> / <sub>16</sub>	4
	<b>WORK PLATE STUD</b> Screw 10 <sup>3</sup> / <sub>16</sub>	
M-324-1		34,36
	<b>GUARD</b>	
M-325-1	Cam Cavity Guard, Screws (2) 33 <sup>3</sup> / <sub>32</sub>	6,7
M-325-2	Cam End Guard (Lower Cam), Screws (2) 15 <sup>1</sup> / <sub>16</sub>	6,7
M-325-3	Cam Gear Guard — Discontinued — Use M-325-11	
M-325-7	Cam Cavity for Style M-3DW-SI, Screws (2) 33 <sup>3</sup> / <sub>32</sub>	
M-325-9	Hand Wheel (Belt) Guard, Screw 18 <sup>1</sup> / <sub>16</sub>	2,30
M-325-11	Cam Gear Guard, Screw 49 <sup>3</sup> / <sub>32</sub>	6,7
M-325-13	Cam Gear Guard — Similar to M-325-11, except relieved for oil tube on Frame M-1-5 — Class M	
	<b>HEAD CAP EXTENSION</b> Screws 15 <sup>1</sup> / <sub>16</sub> , 53 <sup>3</sup> / <sub>32</sub>	
M-327-1	Generally used	2,34
M-327-4	Similar to M-327-1 except angle reduced to allow clearance for N.T. Take-up A-112-2 on Style MG-3DW-7	
	<b>MACHINE MOUNTING BUSHING</b>	
M-328-1	M.M. (rubber) Bushing (Left) thicker than M-328-2, Supplied in Plate M-320-Assy-5	30
M-328-2	M.M. (rubber) Bushing (Right) Supplied in Plate M-320-Assy-5	30

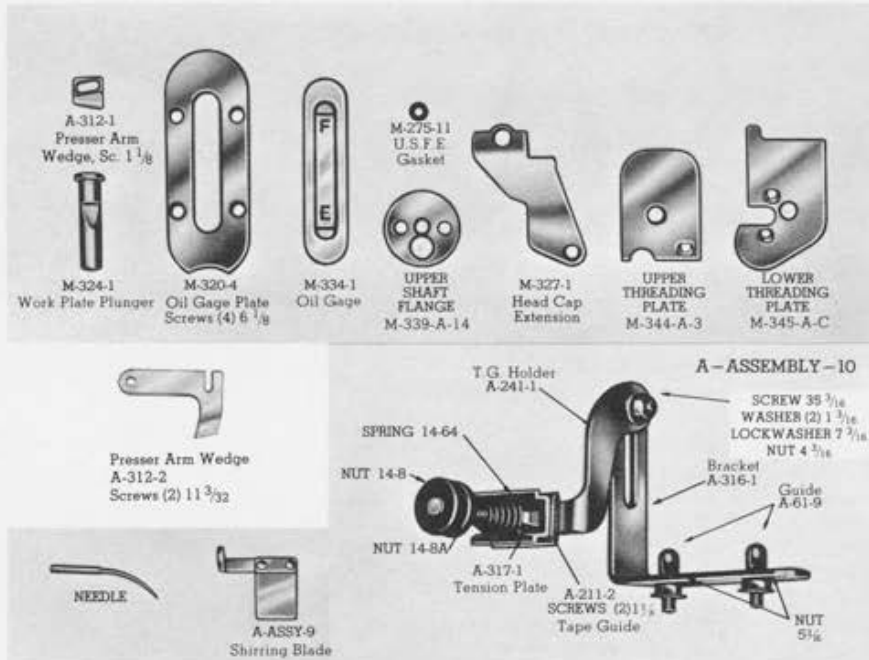
# Oiling Parts



Part No.	Description	Illust. Page.
M-329-Assy-1	<b>OIL FILLER ASSEMBLY</b> Includes O.F. Cap Assembly M-331-Assy-1, Screw 1 3/4, Screen M-330-1	32
M-331-Assy-1	<b>OIL FILLER CAP ASSEMBLY</b> Includes: Screw 1 1/2, Anchor M-321-2, Chain M-331-1, Pin 36-45	32
M-332-1	<b>OIL FILTER</b> Used with: O.F. Support M-31-2, O.F. Gasket M-275-2	30
M-333-1	<b>OIL BUBBLER CAP</b> Used with Screw 29 1/4 (Oil Bubbler Pipe)	32
M-334-1	<b>OIL GAGE</b> Used with O.G. Gasket M-275-4 and O.G. Plate M-320-4	30,34

Part No.			Illust. Page
	<b>PRESSER FOOT LIFTER ROLL</b>		
M-335-1	Used with P.A. Pivot M-33-1 or M-33-3 (O.D. .300)	<b>Screw 90<sup>3</sup>/<sub>16</sub></b>	6,7,36
M-335-2	Used with P.A. Pivot M-33-4 (O.D. .368)		6,7,36
M-335-3	Used with P.A. Pivot M-33-4 (O.D. .420)		6,7,36
	<b>FEED COVER CATCH</b>		
M-336-1	Used with F.C.C. Plate M-320-1A, Nut 4 <sup>3</sup> / <sub>16</sub>		3,36
	<b>UPPER CUTTER CARRIER STUD BUSHING</b>	<b>Plunger 37-97</b> <b>Screw 87<sup>3</sup>/<sub>16</sub></b>	
M-337-1	U.C.C.S. Bushing (Left)		36
M-337-2	U.C.C.S. Bushing (Right)		36
	<b>UPPER CUTTER CARRIER THRUST BLOCK</b>		
M-338-1	Generally used. Adjusting Screw 81 <sup>3</sup> / <sub>16</sub> , Clamp Screw 55 <sup>3</sup> / <sub>16</sub>		4
	<b>UPPER SHAFT FLANGE ASSEMBLY</b>	<b>Screws (2) 2<sup>7</sup>/<sub>64</sub></b>	6,7,34
M-339-Assy-5	Supplied in Upper Shaft M-62-Assy-5		
M-339-Assy-5B	Supplied in Upper Shaft M-62-Assy-5B		
M-339-Assy-7	Supplied in Upper Shaft M-62-Assy-7		
M-339-Assy-8	Supplied in Upper Shaft M-62-Assy-8		
M-339-Assy-9	Supplied in Upper Shaft M-62-Assy-9		
M-339-Assy-10	Supplied in Upper Shaft M-62-Assy-10		
M-339-Assy-13	Supplied in Upper Shaft M-62-Assy-13		
M-339-Assy-14	Supplied in Upper Shaft M-62-Assy-14		
M-339-Assy-15B	Supplied in Upper Shaft M-62-Assy-15B		
M-339-Assy-16	Supplied in Upper Shaft M-62-Assy-16		
M-339-Assy-18	Supplied in Upper Shaft M-62-Assy-18		
	<b>NEEDLE BEARING</b>		
M-341-1	Supplied assembled in Frame, located in Lower Shaft hole right hand end. Class MG and M		6,7
M-341-2	Used in Upper and Lower Main Cam Bores, left and right hand ends. Class MG (4 per machine)		6





M-344-Assy-1



M-344-Assy-2



M-344-Assy-3



M-344-Assy-5



M-344-6



M-344-Assy-8



M-344-Assy-9



M-344-Assy-10

Upper Threading Plates  
Screw 1 #6



M-345-Assy-A



M-345-Assy-C



M-345-Assy-D



M-345-Assy-G



M-345-Assy-H



M-345-Assy-J

Lower Threading Plates  
Screw 1 #6



Needle Guard  
M-374-1  
Screws (2) 5 3/32  
Washers (2) 2 3/32



Needle Guard  
M-374-2  
Screw 33 5/32



Needle Guard  
M-374-3  
Screw 46 3/16  
Bushing 6-100

Part No.	<b>UPPER THREADING PLATE</b>	Screw 1#6	Illust. Page
M-344-Assy-1	One single threading eye		34
M-344-Assy-2	One single threading eye		34
M-344-Assy-3	One double threading eye		34
M-344-Assy-5	Similar to M-344-Assy-3 except double threading eye positioned further to left		34
M-344-6	No threading eye		34
M-344-Assy-8	Similar to M-344-Assy-3, except hole provided for Thread Guide A-61-4		34
M-344-Assy-9	Similar to M-344-Assy-5, except hole provided for Thread Guide A-61-4		34
M-344-Assy-10	Similar to M-344-Assy-1, except one double threading eye		34

Part No.	<b>LOWER THREADING PLATE</b>	Screw 1#6	Illust. Page
M-345-Assy-A	Two single threading eyes		34
M-345-Assy-C	One double and one single threading eye		34
M-345-Assy-D	Three single threading eyes		34
M-345-Assy-G	One single threading eye		34
M-345-Assy-H	Two single threading eyes		34
M-345-Assy-J	One double and two single threading eyes		34

Threading No.	Federal Stitch No.	No. Threads	Ndl. Thd. Takeup	Upper Plate (Screw 1#6)	Lower Plate (Screw 1#6)	Machine Style	Comments	Illust. Page
38	503	2	A-112-1	M-344-Assy-1	M-345-Assy-A	2D, 2DH-1	Standard two thread	
40	505	3	A-112-1	M-344-Assy-1	M-345-Assy-A	3D, 3DR	Box stitch	
43	504	3	A-112-5	M-344-Assy-3	M-345-Assy-C	3DW, 3DW-4, 3Q	Tight needle thread	
44	503	2	A-112-1	M-344-Assy-2	M-345-Assy-D	2DF	Wide stitch	
52	504	3	A-112-2	M-344-Assy-3	M-345-Assy-C	3DW-2	Extra tight needle thread	
52 Modified	505	3	A-112-2	M-344-Assy-10	M-345-Assy-J	3U	Emblems	
72	502	2	A-112-2	M-344-6	M-345-Assy-G	2DNR-1	Narrow rolled edge	
73	514	4	A-112-7	M-344-Assy-3	M-345-Assy-C	4DW-45	Tight needle thread	
74	514	4	A-112-7	M-344-Assy-3	M-345-Assy-C	4DW-60	Tight needle thread	
75	521	3		M-344-Assy-1	M-345-Assy-A	4D-45	Men's or	
						4D-60	Ladies' Hosiery	
76	512	4	A-112-6	M-344-Assy-3	M-345-Assy-J	4DW-100	Tight needle thread	

Part No.	<b>UPPER SHAFT OIL DISTRIBUTOR ROD</b>	Class	Illust. Page
M-346-1	Short rod, .1880 diameter supplied in Upper Shaft	MG, M	6,7
M-346-2	Similar to M-346-1 except .1885 diameter	MG, M	6,7
M-346-3	Similar to M-346-1 except .1890 diameter	MG, M	
M-346-4	Similar to M-346-1 except .1895 diameter	MG, M	
M-346-5	Long Rod, supplied in Upper Shaft	MG, M	6,7
M-346-6	Short Rod — Use M-346-7 or 8		
M-346-7	Similar to M-346-1, except deeper grooves	MG, M	6,7
M-346-8	Similar to M-346-2, except deeper grooves	MG, M	6,7
	Short Rods are selected to fit at factory and should not be changed		
M-346-14	Used in Upper Cam to meter oil flow	M	
M-346-15	Used in Lower Cam to meter oil flow	M	
M-346-16	Used in Lower Cam to meter oil flow	M	
M-346-17	Used in Upper Cam to meter oil flow	MG	6
M-346-18	Used in Lower Cam to meter oil flow	MG	6
M-346-19	Used in Lower Cam to meter oil flow	MG	6
M-346-20	Used in Lower Shafts M-63-Assy-11, 11A, 12, 12A, to meter oil flow	MG	6

Part No.	<b>FEED CARRIER STABILIZING BLOCK</b>	Screws (2) 16 <sup>5</sup> / <sub>32</sub>	Illust. Page
M-359-1	Stabilizes rear Feed Carrier on hemming machines		

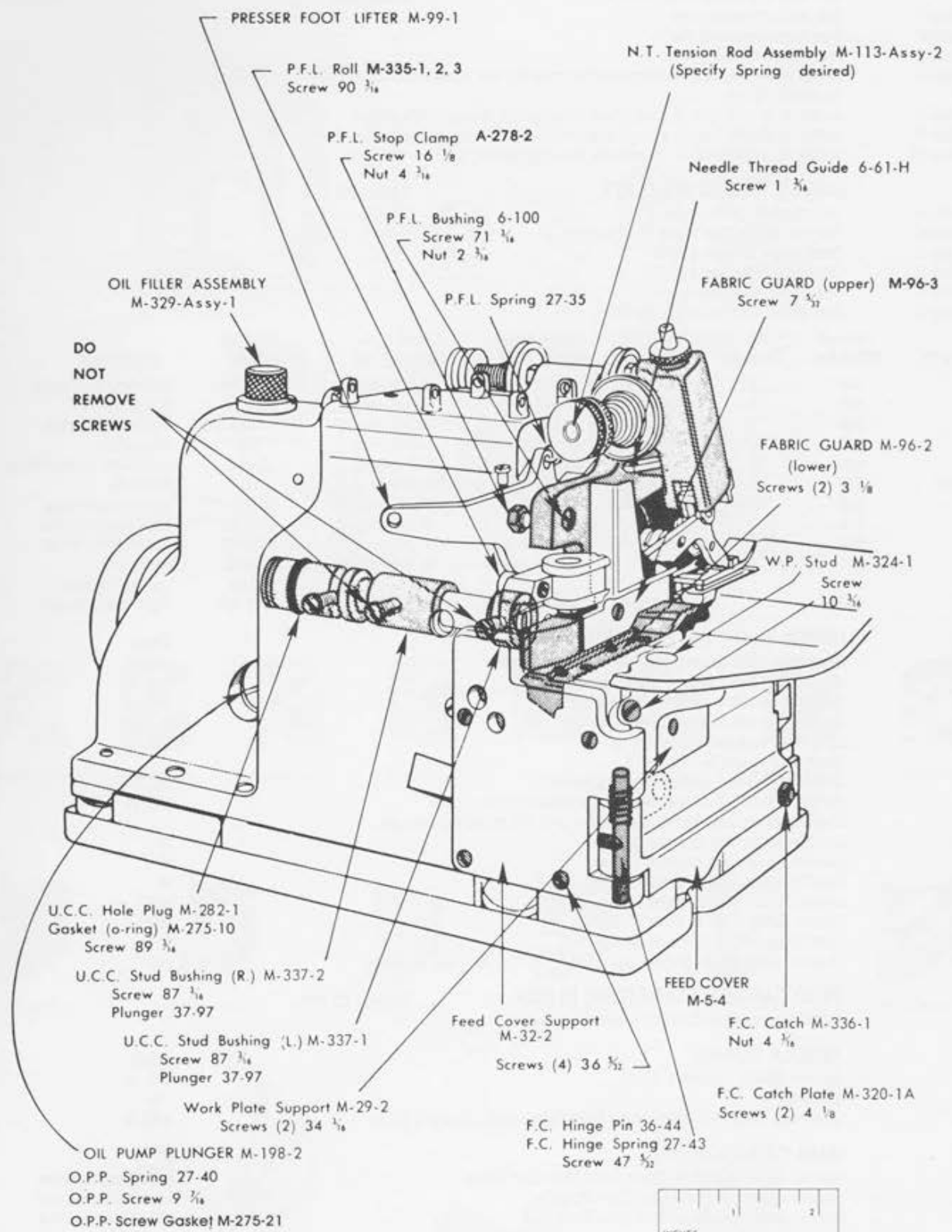
Part No.	<b>NEEDLE GUARD</b>	Class	Illust. Page
M-374-1	Screws (2) 5 <sup>3</sup> / <sub>32</sub> , Washers (2) 2 <sup>3</sup> / <sub>32</sub>	MG, M	34
M-374-2	Screw 3 <sup>3</sup> / <sub>32</sub>	70	34
M-374-3	Used with Head M-2-6 (ex. Wheel Foot) Screw 46 <sup>3</sup> / <sub>16</sub> , Bushing 6-100	MG, M	34

Part No.	<b>MAIN CAM RACE</b>	Class	Illust. Page
M-375-1	Used in Upper and Lower Right Hand Main Cam Bores	MG (2) per machine	6
M-375-2	Used in Upper Left Hand Main Cam Bore	MG (2) per machine	6
M-375-3	Used in Lower Left Hand Main Cam Bore	MG (2) per machine	6

Part No.	<b>UPPER CAM WAVE WASHER (Blue)</b>	1 <sup>19</sup> / <sub>32</sub>	Illust. Page
	Used in left hand end Upper Main Cam Bore		MG (2) per machine 6

Part No.	<b>LOWER CAM WAVE WASHER (Bright)</b>	1 <sup>35</sup> / <sub>64</sub>	Illust. Page
	Used in left hand end Lower Main Cam Bore		MG (2) per machine 6

# Rear View





Part No.	ASSEMBLIES	Illust. Page
6-8 Complete	Swing Edge Guide Complete, consists of Guide 6-8, Bushing 6-117, Support M-119-1, (2) Stop Screw 1 <sup>7</sup> / <sub>32</sub> , Pivot Screw 36 <sup>7</sup> / <sub>16</sub> , Washer 1 <sup>3</sup> / <sub>16</sub> , Nut 1 <sup>3</sup> / <sub>16</sub> , Support Screw (Long) 93 <sup>3</sup> / <sub>16</sub> , (Short) 50 <sup>7</sup> / <sub>16</sub>	3
8-3 Complete	Thread Stand Tension Arm Complete, Green or Gray (Specify Spring), consists of Tension Arm 8-3, T. Rod Shell A-109-1, Tension Rod A-113-1, T. Nut 14-8, T. Nut 14-8A, (2) T. Disc 14-142, (2) Washers 6 <sup>1</sup> / <sub>4</sub> , Specify Tension Spring	
8-Assy-10	Tape Stand Complete, consists of (2) Arm 8-4-A, Screws 5 <sup>1</sup> / <sub>4</sub> , (2) 20 <sup>1</sup> / <sub>4</sub> , 27 <sup>1</sup> / <sub>4</sub> (knurled); Base 8-5-A, Screw 35 <sup>1</sup> / <sub>4</sub> ; Pivots (2) 8-57; Spool Rod 8-59-B; Rod Cone (2) 8-60, Screws 20 <sup>1</sup> / <sub>4</sub> , 27 <sup>1</sup> / <sub>4</sub> (knurled); Arm Support 8-61-A	
10-3	Presser Foot Lifter Treadle Assembly, used with Chain 6-195 and Spring 27-18	
A-Assy-8	Tension Rod Assembly, consists of Disc 14-142 soldered to Rod A-113-1, supplied in M-113-Assy-1	
A-Assy-9	Shirring Blade Assembly (light), supplied in Presser Foot Assembly A-71-Assy-34, used with Screw 6 <sup>5</sup> / <sub>32</sub> , Washer 1 <sup>5</sup> / <sub>32</sub> , Nut 1 <sup>5</sup> / <sub>32</sub>	34
A-Assy-10	Tape Tension Assembly (1 <sup>1</sup> / <sub>2</sub> " max. width), consists of Bracket A-316-1, T. Guides (2) A-61-9, Nuts (2) 5 <sup>3</sup> / <sub>16</sub> , Holder A-241-1, Screw 35 <sup>3</sup> / <sub>16</sub> , Washers (2) 1 <sup>3</sup> / <sub>16</sub> , Lock Washer 7 <sup>3</sup> / <sub>16</sub> , Nut 4 <sup>3</sup> / <sub>16</sub> , Plate A-317-1, Spring 14-64, T. Nut 14-8, T. Nut 14-8A; Tape Guide A-211-2, Screws (2) 1 <sup>1</sup> / <sub>8</sub>	34
A-Assy-11	Tape Tension Assembly similar to A-Assy-10 except for mounting on Support M-119-1 with Screws 45 <sup>3</sup> / <sub>16</sub> , 50 <sup>3</sup> / <sub>16</sub> , 93 <sup>3</sup> / <sub>16</sub> and Nut 1 <sup>3</sup> / <sub>16</sub>	
A-Assy-12	Shirring Blade Assembly (heavy), similar to A-Assy-9, except heavier blade and longer blade arm	
A-Assy-13	Shirring Blade Assembly (light), similar to A-Assy-9, except longer blade arm	
A-Assy-14	Lower Cutter Holder Assembly, consists of L.C. Holder A-65-1, L.C. Clamp A-67-1, Nut 2 <sup>5</sup> / <sub>32</sub> . Used on style M-3DW-SI with L.C.H. Support M-64-Assy-5	
A-Assy-18	Tape Tension Assembly (1 <sup>1</sup> / <sub>2</sub> " max. width) Adjustable Tension and position	
A-146-1 Complete	Wheel Presser Foot (Small) Complete, consists of Presser Wheel A-146-1, Stud 54 <sup>5</sup> / <sub>32</sub> , Nut 7 <sup>5</sup> / <sub>32</sub> ; P.W. Arm A-206-11; P.W. Guard A-148-1, Screw 8 <sup>1</sup> / <sub>8</sub> ; Head Cap M-89-5; H.C. Extension M-327-5; P.W. Arm Stop M-373-2, Screws (2) 9 <sup>1</sup> / <sub>8</sub> ; Presser Bar Latch A-270-1; Needle Carrier Collar M-126-5; Needle Carrier Nut 9 <sup>3</sup> / <sub>16</sub> ; Needle Carrier Bolt M-128-3	
6-146-D Complete	Wheel Presser Foot (Large) Complete, consists of Presser Wheel 6-146-D, Taper Stud 59 <sup>3</sup> / <sub>16</sub> , Nut 4 <sup>3</sup> / <sub>16</sub> ; P.W. Shank 6-147-E, Screw 6 <sup>3</sup> / <sub>32</sub> , Screw 10 <sup>1</sup> / <sub>8</sub> ; P.W. Guard 6-148-F or EXC-646, Screw 10 <sup>3</sup> / <sub>32</sub>	
6-146-E Complete	Wheel Presser Foot (Large) Complete, same as above, except use Presser Wheel 6-146-E, which is similar to Presser Wheel 6-146-D but has axial grooves added for better traction	
Hemming Attachments	#1, #2, #3, #4, #4B, #5, #7, #8, #BA-3	
Hoisery Welt Folder	Complete (Regular) — Used to fold hems	
Hoisery Welt Folder	Complete (Small) — Used to fold hems	
<b>MISCELLANEOUS</b>		
6-195	Presser Foot Lifter Chain	
14-8	Tension Nut	26
14-8A	Tension Nut	26
14-142	Tension Disc	26
37-318	Threading Wire	41
37-225-B	Tweezer	41
40-4D	Felt Pad — Used in Machine Mounting Plate M-320-Assy-5	30
53-50	Name Plate — Blue — Class M (4 Pins 29-2)	2,30
53-88	Name Plate — Green — Class MG (4 Pins 29-2)	2,30
EXC-263	Border Roll Stand — Used for border rolls, cord and piping	
EXC-263A	Border Roll Stand — Used for border rolls	

**NEEDLE TERMS**

A	as in A.1D	flat on both sides of shank (.060 thick)
B	as in B.ODE	flat on both sides of shank (.045 thick)
B	as in 4BDF	bulge eye
D	as in 1D	curved needle
E	as in B.1DE	long blade, short shank
F	as in 3SDF	ball point
G	as in 8DG	spear point
J	as in 5DJ	groove on inside of curve
S	as in 2SD	spot or scarf on needle
T	as in 3DT	tapered blade

**NEEDLES (Chrome — 25 per package)**

**Standard**

000D  
00D  
0D  
1D  
2D  
3D  
4D  
5D  
8D

**Tapered Blade**

000DT  
0DT  
1SDT Also scarfed  
2SDT Also scarfed  
3SDT Also scarfed  
4DT  
6DT  
7SDT Also scarfed

**Ball Point**

0DF  
1DF  
1SDTF Also scarfed and tapered  
2DF  
3SDF Also scarfed  
4DF  
4BDF Also bulge eye

**Scarfed or Spotted**

1SD  
2SD  
3SD  
7SDT Also tapered  
8SD

**Long Blade**

**Short Shank**

00DE  
0DE  
1DE  
3DE  
5DE

**Kooltorr**

3D  
4D  
5D  
A.4D  
A.5D

**Specials**

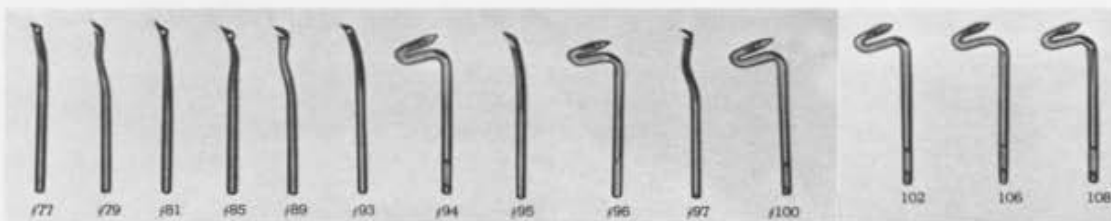
4BD Bulge eye  
5DJ Groove on  
inside of curve  
8DG Spear point

**Two Needle (60 or 100 Machine)**

A.0D  
A.1D  
A.2D  
A.2DF Ball point  
A.2SD Scarfed  
A.3D  
A.3SDF Scarfed, ball point  
A.4D  
A.4DF Ball point  
A.4BDF Bulge eye, ball point  
A.5D  
A.5DF Ball point

**Two Needle (45 Machine)**

B.00DE Long blade, short shank  
B.00DT Tapered blade  
B.0DE Long blade, short shank  
B.0SDT Scarfed, tapered blade  
B.1SDT Scarfed, tapered blade  
B.1DE Long blade, short shank  
B.1SD Scarfed  
B.1DF Ball point  
B.2SD Scarfed



**LOOPERS**

Upper		Use
77	Eye	Generally used — 3 thread
79	Throat	Generally used — 2 thread
81	Eye	3DWL
85	Eye	3DNR-1, 3U
89	Throat	2DNR-1
93	Eye	4DW-60 and 3 thread machines
95	Eye	4DW-100
97	Throat	4D-45 Men's and Ladie's, 4D-60 Men's
99	Eye	Similar to 77 except angled to provide more clearance over material
103	Throat	
<b>Lower</b>		
82	No eye, hooked	A-1, A-1D
84	Eye	A-3DW
90	Eye	A-3DW-2,3,4
92	No eye, hooked	-1, -1D
94	Eye	2DH-1, 3DR, 3DW, 3Q, 3U
96	Eye	4DW-100
100	Eye	3DW-2, 3, 4, 4DW-60
102	Eye	4D-45 Men's and Ladie's, 4D-60 Men's
106	Eye	Similar to 102, except shank .025 longer, 2DNR-1
108	Eye	Similar to 94, except shank .025 longer, 3DWL
110	Eye	Similar to 100, except shank .035 shorter, 3DW-6
120	Eye	Similar to 100, except shank .060 shorter, 3DW-7

**CARBIDE TIPPED CUTTERS**

Part No.	Similar Cutter	Description
A-90-8	A-90-3	Upper Cutter
6-90-Q	6-90-D	Upper Cutter
6-90-R	6-90-F	Upper Cutter
6-90-S	6-90-C	Upper Cutter
EXC-314-1	6-90	Upper Cutter
EXC-314-3	6-90-K	Upper Cutter
EXC-314-5	6-90-J	Upper Cutter
EXC-314-8	A-90-5	Upper Cutter
EXC-314-9	A-90-7	Upper Cutter
6-91-L	6-91-E	Lower Cutter
6-91-M	6-91	Lower Cutter
6-91-N	6-91-H	Lower Cutter
EXC-315-9	6-91-F	Lower Cutter
EXC-315-15	6-91-G	Lower Cutter

Above cannot be sharpened on Merrow Cutter Grinder

**RUBBER TIPPED FEED DOGS**

Part No.	Similar Feed Dog	Description
A-81-74	A-81-8	Rear differential, single row, with integral ear
A-81-75	A-81-11	Front differential, single row
A-81-76	A-81-43	Rear differential, single row
EXC-429-2	A-81-2	Front differential, double row
EXC-429-3C	A-81-3C	Rear differential, double row, chain cutter
EXC-429-7	A-81-7	Rear differential, double row
EXC-429-20	A-81-20	Non-differential, single row
EXC-429-59	A-81-59	Front differential, double row
EXC-429-497	A-81-78	Rear differential, for long seam
EXC-429-497-1	A-81-79	Front differential, for long seam
EXC-429-497-7	A-81-80	Front differential, for long seam
EXC-530-190	A-81-43C	Rear differential, single row, chain cutter



**COMMON NUTS AND SCREWS**

**NUTS**

Feed Carrier Link Bolt	2 <sup>3</sup> / <sub>16</sub>
Lower Cutter Clamp	2 <sup>5</sup> / <sub>32</sub>
Lower Looper Carrier	1 <sup>9</sup> / <sub>32</sub>
Needle Carrier	4 <sup>3</sup> / <sub>16</sub>
Presser Foot Arm	1 <sup>5</sup> / <sub>32</sub>

**SCREWS**

Dust Shield	2 <sup>1</sup> / <sub>8</sub>
Fabric Guard (Upper)	7 <sup>5</sup> / <sub>32</sub>
Feed Dog (Differential)	11 <sup>5</sup> / <sub>32</sub>
Feed Dog (Non-differential)	16 <sup>3</sup> / <sub>16</sub>
Feed Dog Ear	8 <sup>1</sup> / <sub>8</sub> or 17 <sup>1</sup> / <sub>8</sub>
Frame Cap	99 <sup>3</sup> / <sub>16</sub>
Hand Wheel	30 <sup>1</sup> / <sub>4</sub> Cone Point, 9 <sup>7</sup> / <sub>32</sub> Oval Point
Head	91 <sup>3</sup> / <sub>16</sub>
Head Cap	36 <sup>5</sup> / <sub>32</sub> , 53 <sup>5</sup> / <sub>32</sub>
Hem Fold Guide	5 <sup>1</sup> / <sub>8</sub> or 6 <sup>1</sup> / <sub>8</sub>
Lower Looper Carrier	1 <sup>7</sup> / <sub>32</sub>
Lower Looper Carrier STUD	2 <sup>2</sup> / <sub>32</sub>
Main Cam — Upper	32 <sup>1</sup> / <sub>4</sub> , 4 <sup>1</sup> / <sub>4</sub>
Main Cam — Lower	32 <sup>1</sup> / <sub>4</sub> , 9 <sup>1</sup> / <sub>4</sub>
Needle Carrier STUD	4 <sup>9</sup> / <sub>32</sub>
Needle Plate	7 <sup>4</sup> / <sub>32</sub>
Needle Thread Takeup	1 <sup>7</sup> / <sub>64</sub>
Presser Foot Arm	35 <sup>3</sup> / <sub>32</sub>
Presser Foot Finger	3 <sup>1</sup> / <sub>8</sub> (Rigid)
Presser Foot Finger	9 <sup>1</sup> / <sub>8</sub> (Spring)
Presser Foot Uncurling Block	12 <sup>3</sup> / <sub>32</sub>
Thread Cutter	11 <sup>3</sup> / <sub>32</sub>
Upper Cutter Clamp (Wide)	37 <sup>3</sup> / <sub>32</sub>
Upper Cutter Clamp (Narrow)	38 <sup>5</sup> / <sub>32</sub>
Upper Cutter Holder	8 <sup>1</sup> / <sub>8</sub>
Upper Looper Carrier	100 <sup>3</sup> / <sub>16</sub>

**Part No.**

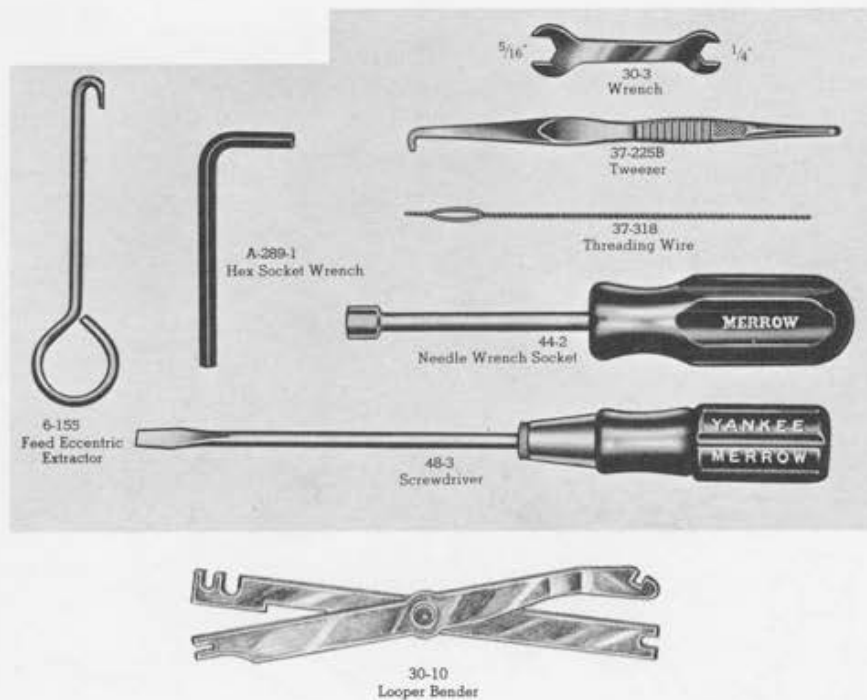
**SPRINGS**

14-64	Tension Spring — heavy	26
14-64A	Tension Spring — very heavy	
14-760	Tension Spring — light	
27-46	Tension Spring — very light	
27-33	Presser Foot Spring — light	28
27-34	Presser Foot Spring — medium	
27-36	Presser Foot Spring — heavy	
27-45	Presser Foot Spring — heavy — flat wire	
27-18	Presser Foot Lifter Treadle Spring	
27-21	Spring in L.C. Holder Support M-64-Assy-1	8
27-35	Presser Foot Lifter Spring	20
27-40	Oil Pump Plunger Spring	32
27-41	Oil Collector Spring	32
27-42	Work Plate Plunger Spring	
27-43	Feed Cover Spring	3,36

**Part No.**

**PINS**

	<b>Use</b>
29-2	Name Plate
36-39	Lower Looper Carrier M-51-Assy-1, 3, Feed Carrier M-74-2, 3, 5, 7
36-40	Feed Carrier M-74-1
36-41	Upper Cutter Carrier M-52-Assy-1
36-47	Upper Looper Carrier M-50-Assy-1, 3
36-58	With Web A-70-89 in Needle Plates A-70-90, 91, 101, 102
36-60	Needle Carrier



Part No.

6-155  
30-3  
30-7  
30-10  
37-318  
37-225-B  
44-2  
44-3  
48-3  
A-289-1  
A-289-3  
M-155-Assy-1  
Dow #7 Corning Compound  
EXC-503  
EXC-503-1  
EXC-503-2  
EXC-503-3

TOOLS-ACCESSORIES

Feed Eccentric Extractor  
Wrench, Small Open End (Flat) 1/4" and 5/16" Openings  
Wrench, Small Open End (Bent) 1/4" and 5/16" Openings  
Looper Bender  
Threading Wires  
Tweezers  
Wrench Socket with Handle  
Wrench Socket with Handle  
Screw Driver  
Hex Socket Wrench  
Hex Socket Wrench  
Main Cam Extractor  
Gasket Compound  
Needle Bearing Instruction Sheet  
Dummy Lower Shaft  
Oval Key  
Needle Bearing Installation Tool

Use

To remove Feed Eccentric  
Feed Eccentric Nut 2 3/16" and other small nuts  
Feed Eccentric Nut 2 3/16" and other small nuts  
Adjustment of Loopers  
  
Needle Carrier Nut 4 3/16"  
Feed Eccentric Nut 2 3/16"  
  
Main Cam Socket Screw 3 1/4"  
Chain Cutter Trimmer Assembly Cap Screw  
To remove Upper and Lower Main Cams  
  
Needle Bearing removal and replacement in the field  
To drive Oval Key EXC-503-2 against Needle Bearing  
Pressure plate for edges of Needle Bearing  
Pressure fitting of Needle Bearing into Frame

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MAIN CAMS — CLASS MG

Upper  
M-142A  
M-146A  
M-148A

Lower  
M-143-145A  
M-147-144A  
M-149-150B

Use  
All Styles except 2DNR-1, 3DNR-1, 3DW-7, 4DW-67, 4DW-107  
Styles 3DW-7, 4DW-67, 4DW-107  
Styles 2DNR-1, 3DNR-1

Upper Cam — Screw 3 1/4" Cone Point, Screw 4 1/4"  
Lower Cam — Screw 3 1/4" Cone Point, Screw 9 1/4"

MAIN CAMS — CLASS M

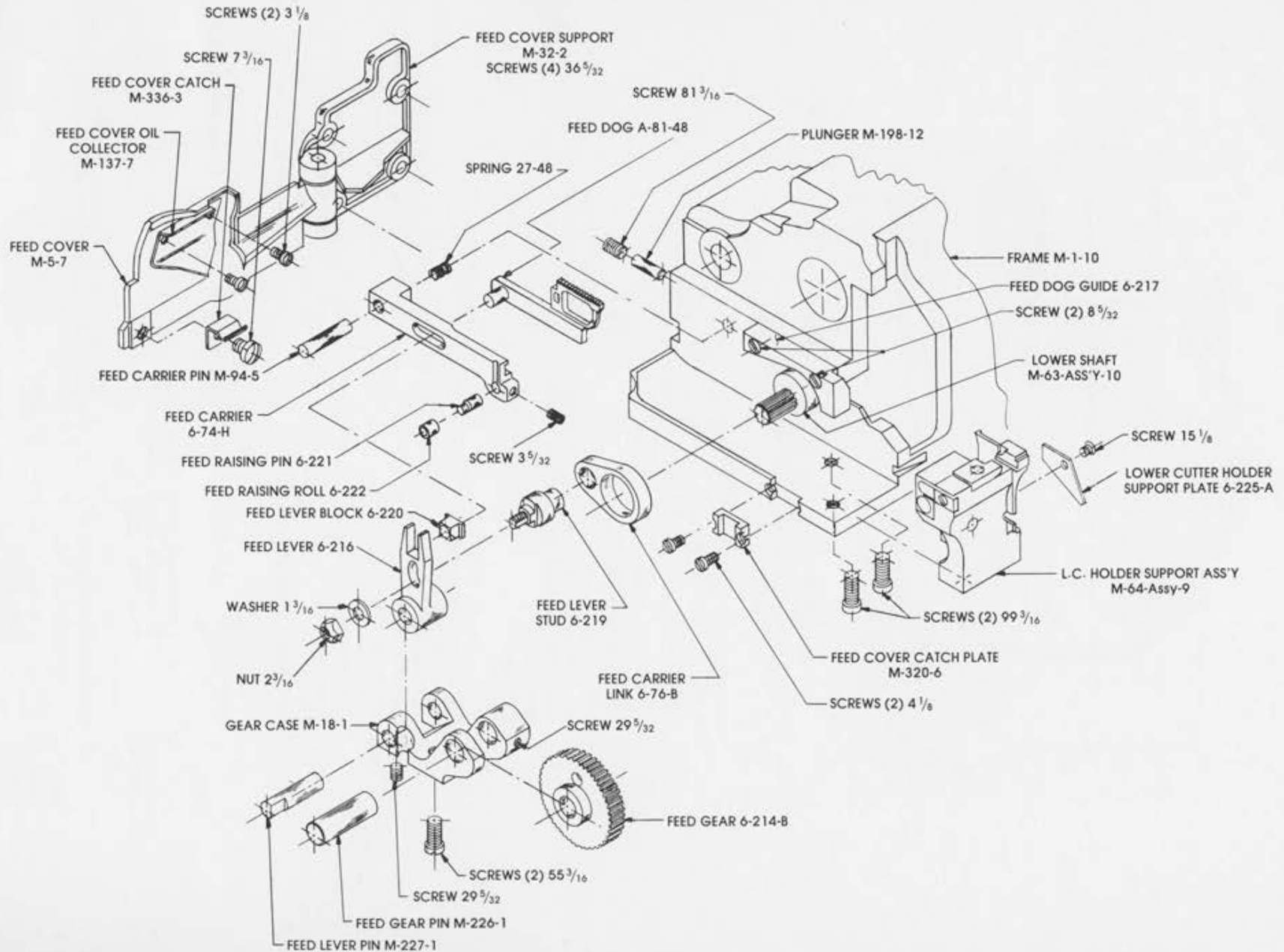
Upper  
M-135  
M-138  
M-142  
M-142

Lower  
M-133-134  
M-139-141  
M-143-134  
M-143-144

Use  
Styles 2DH-1, 3DR, 3DW, 3U, 4D-45 Men's and Ladies', 3Q  
Styles 2DNR-1  
Styles 3DW-2, 3DW-3, 3DW-4, 4DW-60, 3Q-3  
Style 4DW-100

Upper Cam — Screw 3 1/4" Cone Point, Screw 4 1/4"  
Lower Cam — Screw 3 1/4" Cone Point, Screw 9 1/4"

## Styles M-3Q, M-3Q-3

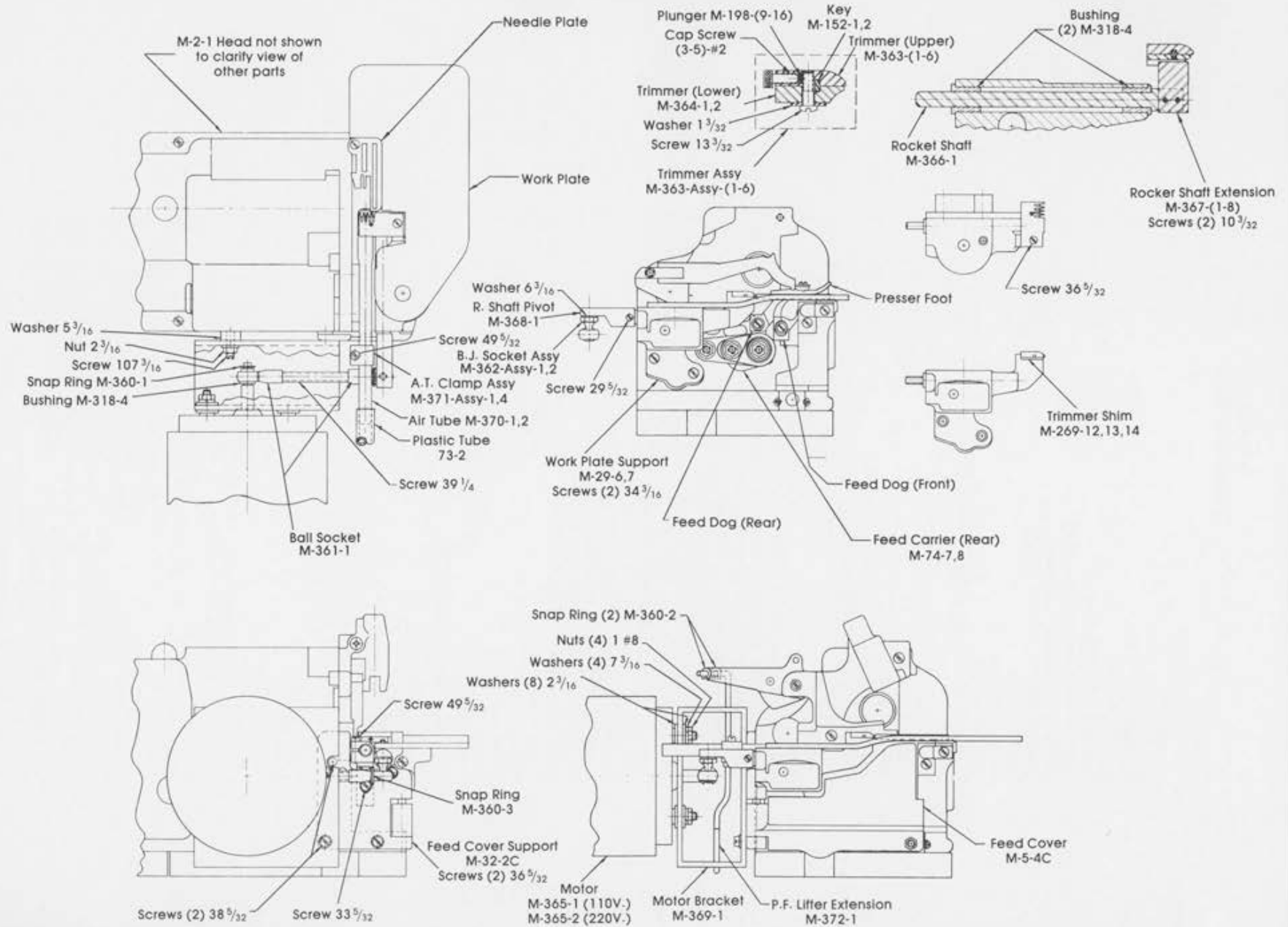




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Feed Dog M-3Q	
Feed Dog M-3Q-3	
Feed Dog M-3Q-3	
Feed Dog Guide — Screws (2) $8\frac{5}{32}$	
Feed Gear	
Feed Gear Pin	
Feed Lever	
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Feed Lever Pin	
Feed Lever Stud — Washer $1\frac{3}{16}$ , Nut $2\frac{3}{16}$	
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Frame	
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Needle Plate M-3Q — $\frac{1}{8}$ " stitch width	
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## Chain Cutter Assembly



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A-81-3C	Feed Dog	A-81-3	Rear differential double row, coarse	
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A-81-9C	Feed Dog	A-81-9	Front differential, double row, coarse	
A-81-15C	Feed Dog	A-81-15	Front differential, double row, fine	
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\*A—Double Row: Web removed between Rear Feed Dog and Feed Dog Ear

\*B—Single Row: Step added to Feed Dog slot



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M-84-3C	Work Plate	M-84-3	Curved, use Trimmer M-363-Assy-2	
M-84-3D	Work Plate	M-84-3	Curved, use Trimmer M-363-Assy-3	
M-84-4C	Work Plate	M-84-4	Straight, use Trimmer M-363-Assy-1	

\*A—Double Row: Web removed between Rear Feed Dog and Feed Dog Ear

\*B—Single Row: Step added to Feed Dog slot

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M-84-11C	Work Plate	M-84-11	Straight, use Trimmer M-363-Assy-1	
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## TRIMMER ASSEMBLIES

### 4 TOOTH

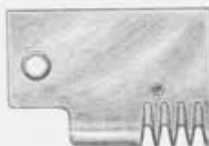


#### M-363-Assy-1

Used with regular length  
Needle Plates, such as, A-70-17C

##### Includes:

M-363-1 U. Trimmer  
M-364-1 L. Trimmer  
M-152-1 Key  
1 $\frac{3}{32}$  Washer  
13 $\frac{3}{32}$  Screw  
M-198-9 Plunger  
3-#2 Screw

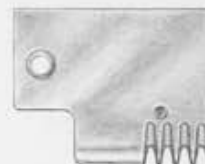


#### M-363-Assy-2

Used with medium length  
Needle Plates, such as, A-70-38C

##### Includes:

M-363-2 U. Trimmer  
M-364-1 L. Trimmer  
M-152-1 Key  
1 $\frac{3}{32}$  Washer  
13 $\frac{3}{32}$  Screw  
M-198-10 Plunger  
3-#2 Screw



#### M-363-Assy-3

Used with short length  
Needle Plates.

##### Includes:

M-363-3 U. Trimmer  
M-364-1 L. Trimmer  
M-152-1 Key  
1 $\frac{3}{32}$  Washer  
13 $\frac{3}{32}$  Screw  
M-198-11 Plunger  
5-#2 Screw

The above Trimmer Assemblies are used with Rocker Shaft Extensions M-367-1, 2, 3 and 4 depending on the L.C.H. Support Shim.

### 3 TOOTH



#### M-363-Assy-4

Used with regular length  
Needle Plates, such as, A-70-17C

##### Includes:

M-363-4 U. Trimmer  
M-364-2 L. Trimmer  
M-152-1 Key  
1 $\frac{3}{32}$  Washer (2)  
13 $\frac{3}{32}$  Screw  
M-198-14 Plunger  
4-#2 Screw



#### M-363-Assy-5

Used with medium length  
Needle Plates, such as, A-70-38C

##### Includes:

M-363-5 U. Trimmer  
M-364-2 L. Trimmer  
M-152-1 Key  
1 $\frac{3}{32}$  Washer (2)  
13 $\frac{3}{32}$  Screw  
M-198-16 Plunger  
3-#2 Screw



#### M-363-Assy-6

Used with short length  
Needle Plates.

##### Includes:

M-363-6 U. Trimmer  
M-364-2 L. Trimmer  
M-152-1 Key  
1 $\frac{3}{32}$  Washer (2)  
13 $\frac{3}{32}$  Screw  
M-198-11 Plunger  
3-#2 Screw

The above Trimmer Assemblies are used with Rocker Shaft Extensions M-367-5, 6, 7 and 8 depending on L.C.H. Support Shim.

**Use Wrench A-289-3 for Screws 3-#2, 4-#2, 5-#2.**



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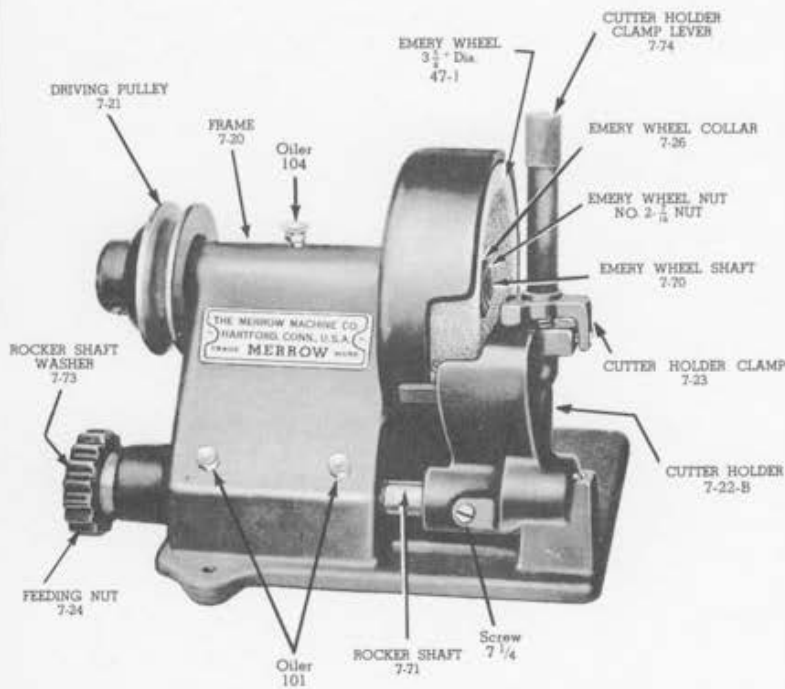


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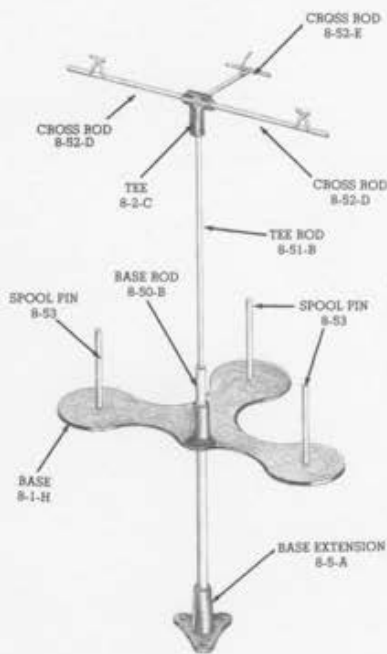
## Cutter Grinder



**Part No.**

- 7-20-A Cutter Grinder Complete
- 7-20-A Frame
- 7-21 Driving Pulley
- 7-22-B Cutter Holder (including Pin 36-15)
- 7-22-B Cutter Holder Screw 5/8 (2)
- 7-23 Cutter Holder Clamp
- 7-23 Cutter Holder Clamp Spring 27-14
- 7-24 Feeding Nut
- 7-26 Emery Wheel Collar (2)
- 7-70 Emery Wheel Shaft
- 7-71 Rocker Shaft
- 7-72 Rocker Shaft Collar
- 7-73 Rocker Shaft Washer
- 7-73 Rocker Shaft Washer Screw 6-3/16
- 7-74 Cutter Holder Clamp Lever
- 7-76 Friction Leather
- 7-76 Friction Leather Screw 1-3/8
- 47-1 Emery Wheel 3-5/8" Diameter
- Emery Wheel Nut 2-7/16
- Oil Hole Screw 97-3/16
- Pin 36-15 (fits 7-22-B)
- Oiler 101 (lubricates rocker shaft) (2)
- Oiler 104 (lubricates emery wheel shaft)

## Thread Stand



	TWO-THREAD THREAD STAND COMPLETE	THREE-THREAD THREAD STAND COMPLETE	FOUR-THREAD THREAD STAND COMPLETE
Base	8-1-G	8-1-H	8-1-G (2)
Screw 1 1/4			
Screw 20 1/4			
Tee	8-2-B	8-2-C	8-2-B
Screw (4) 20 1/4			
Base Extension	8-5-A	8-5-A	8-5-A
Screw 35 1/4			
Base Rod	8-50-B	8-50-B	8-50-C
Tee Rod	8-51-B	8-51-B	8-51-B
Cross Rod	8-52-D (2)	8-52-D (2)	8-52-H (2)
Cross Rod		8-52-E	
Spool Pin	8-53 (2)	8-53 (3)	8-53 (2)
Spool Pin			8-53-A (2)

Also available: Six-Thread Thread Stand