

**INSTRUCTIONS and PARTS BOOK**  
**for**

**U. S. Blind Stitch Machines**

**Models**

**128-S • 138 • 448**



**U. S. BLIND STITCH MACHINE CORP.**

**312 SEVENTH AVENUE**

•

**NEW YORK 1, N. Y.**

**Lackawanna 4-9144-5-6**

From the library of: Superior Sewing Machine & Supply LLC

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## IMPORTANT

Unless specifically labeled, the parts illustrated in this catalogue are for all three U.S. models, however —

It is always advisable to state the model number of your machine when ordering parts.

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# YOU CAN DEPEND ON U. S. SERVICE

Simplicity of construction is the keynote of U. S. Blind Stitch Machines. Every effort has been made to simplify the use of this catalogue so that each machine part can be easily identified.

Seldom does a U. S. Machine get out of order, because it is rugged and uncomplicated in construction and there are many years of practical experience behind it. Instructions are simply given and if an ordinary amount of knowledge is used, very little mechanical skill is necessary. You are sure to be more than pleased with quantity and quality of production you receive from your U. S. Machines.

When Ordering Parts  
BE SURE to  
Specify Model of Machine



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## VERY IMPORTANT

To assure the proper operation of U. S. Machines, use GENUINE U. S. NEEDLES ONLY, this is the wise way to avoid trouble, loss of valuable time, costly repairs and assures the best results.

Standard Needle Sizes

Used in These Models

#10, #15, #20, #25, #30

Each needle has its size stamped on the shank.  
U. S. B. S. is stamped on all U. S. needles.

### THROW AWAY DULL OR HOOKED NEEDLE

Good results are obtained only by using a sharp needle. While U. S. needles give extra long service, they do, eventually, become dull. Then discard and insert a new U. S. needle of the proper size.

### HOW TO INSERT NEW NEEDLE CORRECTLY

To take out the old needle, slightly loosen the clamp screw where the needle sets. Before inserting the new needle, turn the Radio Dial Knob to the right a sufficient number of times so the needle is entirely clear of the rib. To insert a new needle: push it up into the groove as far as it will go and tighten the screw, then turn the dial back slowly until you reach the required penetration. It is easy to operate the Radio Dial Knob which regulates needle penetration.

Be Sure the Needle You Use Has Genuine U. S. Trademark on the Shank, on the Box and on the Envelope.

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## THE DIAL

The dial, of course, must be adjusted to the thickness of the fabric, so that the stitch will be regular and even. If the needle fails to catch on the right side of the material, or bottom layer, turn the dial a little at a time to the left, as the arrow points to "MORE". Run a few stitches to test. If the needle point goes down too deep and shows too much impression on the right side of the material, turn the dial to the right as the arrow points to "LESS". Then test until you have the right penetration. Only a little patience is required for skilled adjusting.

### GUIDE FOR PROPER NEEDLE PENETRATION

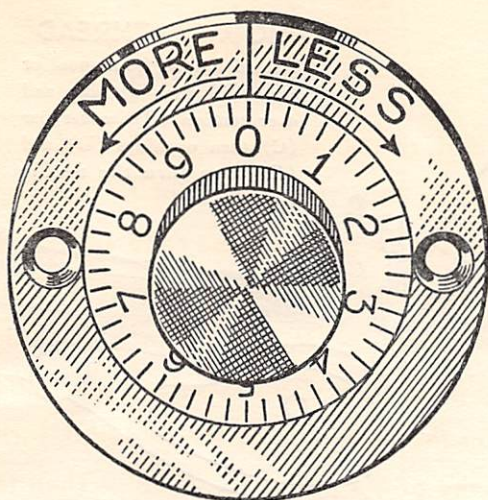


Dial Showing "MORE"

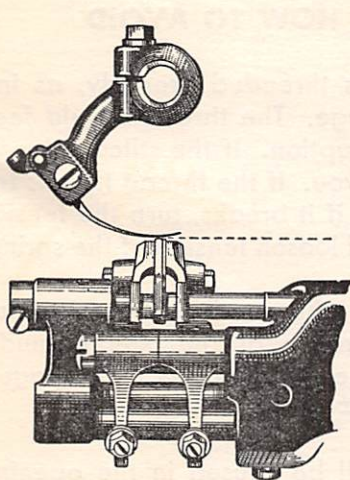


Dial Showing "LESS"

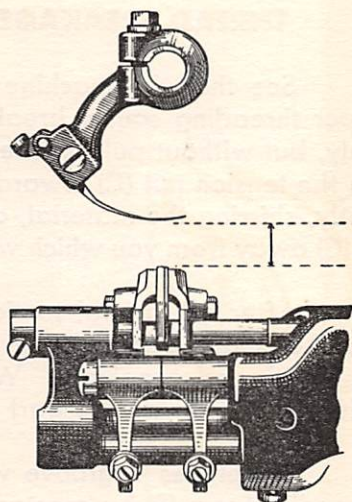




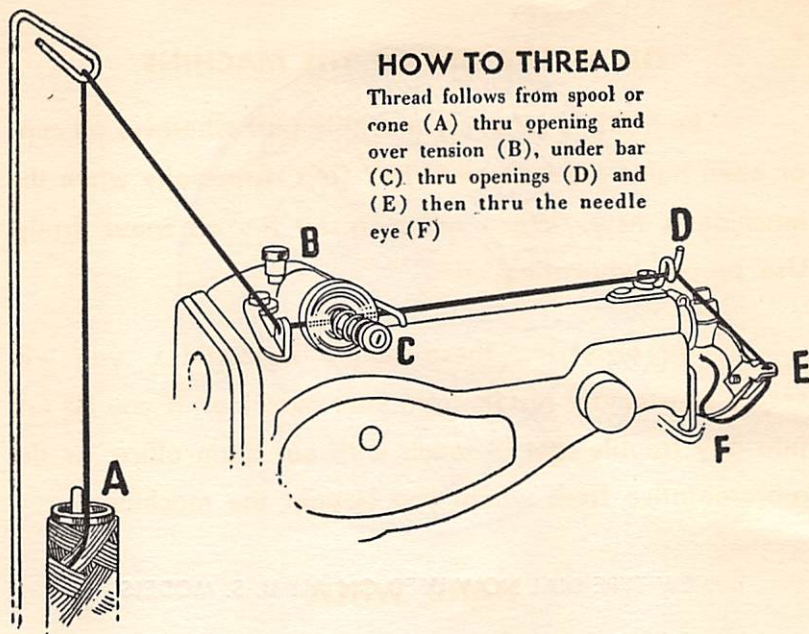
NEW TYPE DIAL NOW USED ON ALL U. S. MODELS



Rib Shaft Adjustment  
for "MORE"



Rib Shaft Adjustment  
for "LESS"



### THREAD BREAKAGE: HOW TO AVOID

See that the machine is threaded properly, as improper threading causes breakage. The thread should feed firmly, but without pull or interruption. If the stitch is loose, turn the tension nut (C) toward you. If the thread travels too tightly, shirring the material, or if it breaks, turn the tension nut (C) away from you which will loosen tension of the spring.

After substantial service, the needle will be inclined to cut a sharp edge in the groove of the needle guide, causing thread breakage. When this occurs, we suggest replacing needle guide: part #47.

Sometimes a groove will be caused in the opening of needle clamp (E) by constant thread friction; this also will cause thread breakage. You can avoid this by changing needle clamp: part #36.



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## **OIL IS THE LIFE OF THE MACHINE**

Be **SURE** to oil every movable part wherever oil cups or open holes are located **EVERY DAY**, especially when the machine is new. When oiling, insert the oil spout firmly. Use proper lubricating oil.

By observing these simple instructions, you will secure satisfactory results from your machine. If you do run into any trouble, get in touch with our main office, or the representative from whom you bought the machine.

## **HAND WHEEL**

The hand wheel must always turn **away** from the operator.

## **SPEED**

Speed of the machine depends on the model. On all skip (or interval) stitch machines, we recommend speed from 2,000 to 3,000 stitches per minute.

**Very Important:** Do not mount machine on high speed motors.



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## REPLACING LOOPER

Replacing of the looper (part #22) is of utmost importance and the principle is the same on all machines.

Loosen the screw and remove the old looper. Insert new looper in the same slot and turn with fingers so that the looper is straight and the needle enters between the prongs of the looper clearing the looper prongs without touching either one. Then turn hand wheel slowly away from you until the looper reaches the far right side of the presser foot where the looper should clear the needle just in front of the needle eye and needle is under the looper without touching it. Then when looper goes to left side also, see that it clears the needle guide. Tighten looper screw to hold looper in position. Make certain that the looper does not touch the feeder.

If, for some reason, you are not able to adjust the looper in the proper position, note that on the right side of machine is the eccentric block (part #21). Here are three set screws which hold assembly unit of the entire looper in position. By loosening these three screws, you may raise or lower looper to desired position. When the looper is finally in correct position, be sure to tighten the screws again.

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## **REPLACING FEEDER**

To replace feeder (part #43-T), remove only front screw of feed lever and loosen inner screw. Remove the broken or worn feeder from feed lever and replace with new one. After new feeder is in place, move hand wheel away from you to determine that looper clears above feeder; if they do touch, press feeder down with finger until the looper clears and tighten screws on feed lever.

## **D O N T ' S**

Do not rest on knee lifter. Be sure that the knee does not touch the knee lifter while the machine is in operation.

Do not try to help the machine by pulling the fabric, lest you bend the needle. The machine feeds the work without assistance.

When removing the work from the machine, be sure that the needle is out of the cloth.

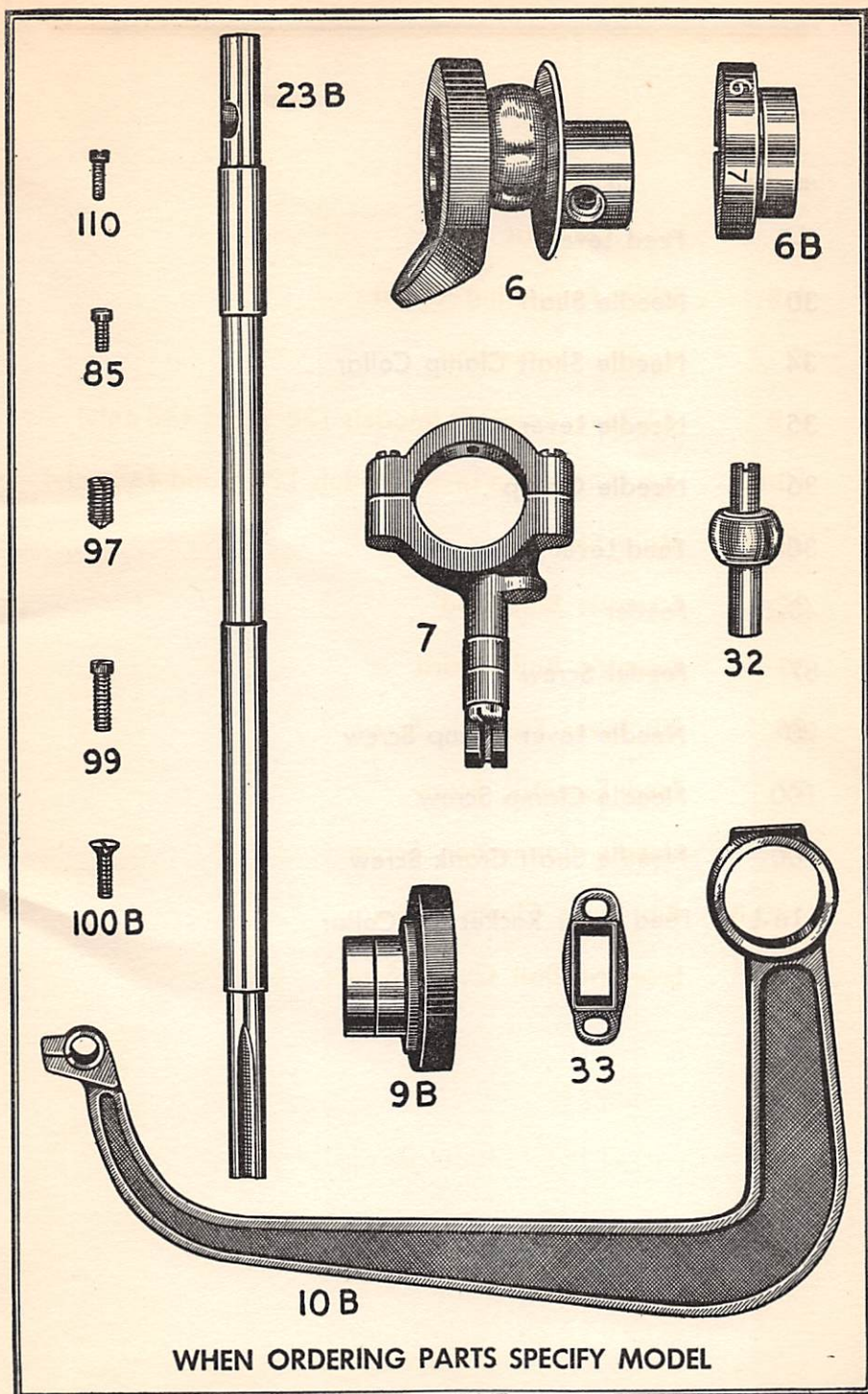
Do not run the machine without cloth.



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NUMBER	NAME
6	Feed Eccentric
6-B	Stitch Regulating Collar
7	Needle Connection
9-B	Rib Lever Eccentric (Models 128-S and 448 only)
10-B	Rib Connection Lever (Models 128-S and 448 only)
23-B	Main Shaft
32	Eccentric Ball Stud
33	Eccentric Ball Guard
85	Rib Lever Eccentric Screw
97	Feed Eccentric Screw
99	Needle Connection Screw
100-B	Rib Lever Clamp Screw
110	Eccentric Ball Guard Screw

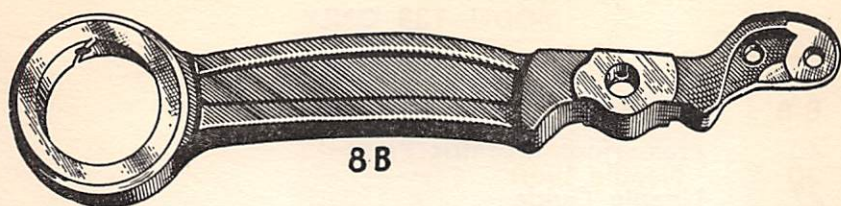




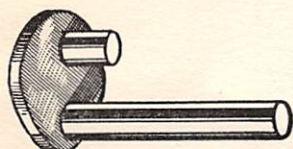
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NUMBER	NAME
8-B	Feed Lever
30	Needle Shaft
34	Needle Shaft Clamp Collar
35	Needle Lever
36	Needle Clamp
38-B	Feed Lever Rocker Pin
43-T	Feeder
87	Feeder Screw
90	Needle Lever Clamp Screw
100	Needle Clamp Screw
100	Needle Shaft Crank Screw
116-L	Feed Lever Rocker Pin Collar



8B



38B



87



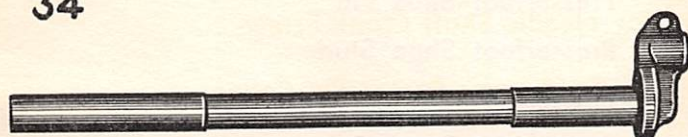
43-T



34



116L



30



35



90



36



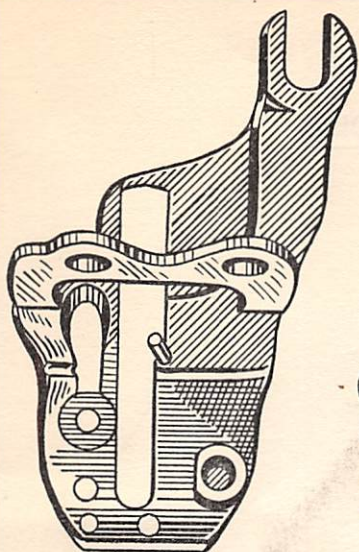
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### MODEL 138 ONLY

44-T	Presserfoot
46	Presserfoot Eccentric Pin
47	Needle Guide
48	Needle Guide Screw
48	Front Guide Holder Screw
49-T	Presserfoot Shoe
49-T-1	Right Compensating Shoe
49-T-2	Left Compensating Shoe
49-T-3	Left Compensating Shoe Spring
49-T-4	Compensating Shoe Regulating Knob
49-T-5	Compensating Shoe Top Spring
49-T-6	Compensating Shoe Bottom Spring
50-B	Presserfoot Shoe Spring
51	Presserfoot Shoe Pin
52	Presserfoot Shoe Stud
86	Presserfoot Clamp Screw
87	Presserfoot Brace Screw
92	Front Guide Holder Clamp Screw
111	Shoe Pin Holder Screw
125-T	Front Guide
126	Front Guide Holder



44-T



46



47



48



49-T



49-T-1



49-T-2



49-T-3



50-B



51



52



49-T-4



49-T-5



49-T-6



86



87



92



III



125 -T



126

WHEN ORDERING PARTS SPECIFY MODEL

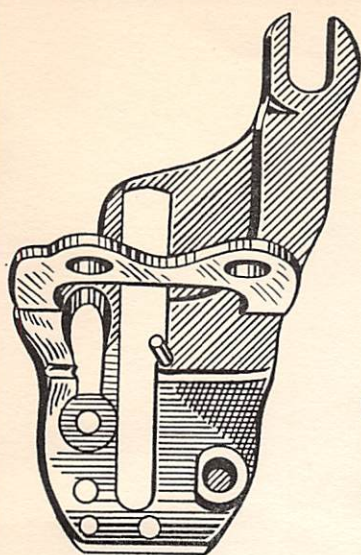


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### MODEL 128-S ONLY

44-T	Presserfoot
46	Presserfoot Eccentric Pin
47	Needle Guide
48	Needle Guide Screw
48	Front Guide Holder Screw
52	Presserfoot Shoe Stud
61-T	Rib Shaft
86	Presserfoot Clamp Screw
87	Presserfoot Brace Screw
92	Front Guide Holder Clamp Screw
111	Shoe Pin Holder Screw
116-LR	Left Side Rib Shaft Collar
125-T	Front Guide
126	Front Guide Holder
300	Left Presserfoot Shoe
301	Right Presserfoot Shoe
302	Left Presserfoot Shoe Spring
303	Right Presserfoot Shoe Spring
304	Presserfoot Shoe Pin
305	Penetration Adjusting Knob
306	Penetration Adjusting Knob Stud



44-T



46



47



48



52



86



87



92



116-LR



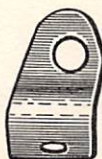
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305



306



126



125-T



300



301



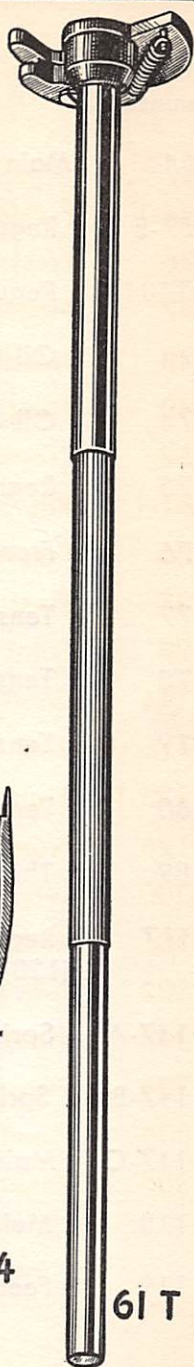
302



303



304



61 T

WHEN ORDERING PARTS SPECIFY MODEL



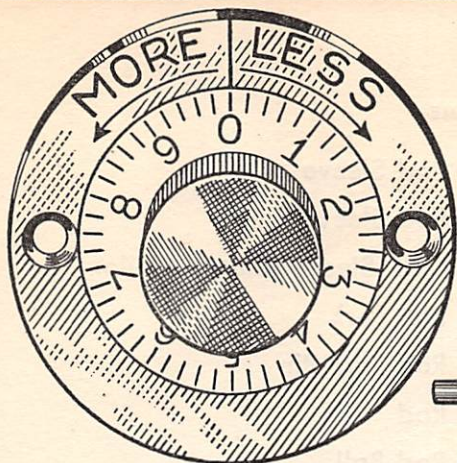
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NUMBER	NAME
54	Main Spring
57-E	Regulating Knob Screw
57-N	Regulating Knob
73	Oil Cup
74	Oil Cup
75	Rear Thread Guide
76	Front Thread Guide
77	Tension Stud
78	Tension Disc
79	Tension Spring
80	Tension Nut
89	Thread Guide Screw
117	Regulating Fork and Rod Complete (128-S & 448 only)
117-A	Spring Knob
117-B	Spring Link
117-C	Main Spring Lock Screw
118	Main Spring Screw and Nut
119	Feed Frame Limit Screw and Nut



54



57-N



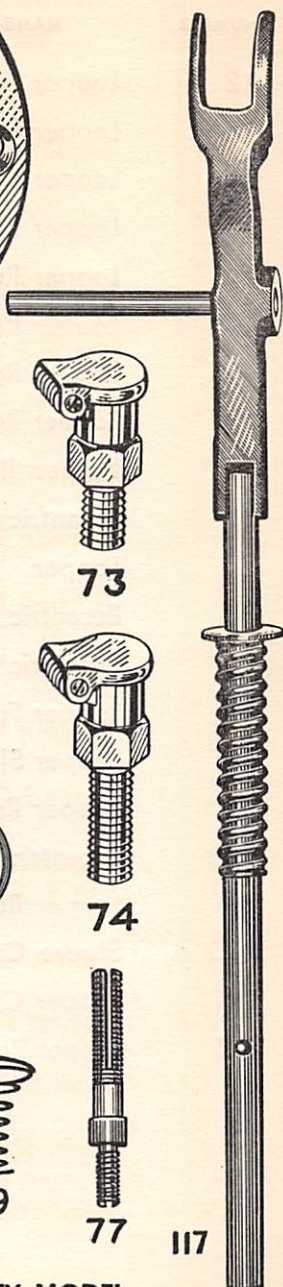
57E



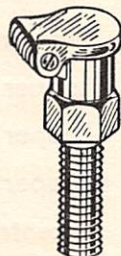
75



76



73



74



89



80



78



117B



117A



117C



118



119



79



77

117

WHEN ORDERING PARTS SPECIFY MODEL



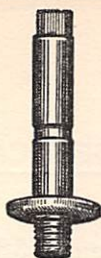
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NUMBER	NAME
12	Looper Rod Sleeve
13	Looper Rod Sleeve Stud
14	Looper Rod Sleeve Clamp Collar
15	Looper Rod Fork
16	Looper Rod Fork Pin
17	Looper Rod
18	Looper Rod Ball
19	Looper Rod Carrier
20	Looper Rod Carrier Stud
21	Eccentric Block
22	Looper
83	Eccentric Block Clamp
84	Eccentric Block Clamp Screw
91	Looper Fork Clamp Srew
94	Looper Sleeve Pin Screw
95	Looper Rod Ball Screw
98	Eccentric Block Screw
99	Looper Rod Carrier Clamp Screw
100	Sleeve Collar Clamp Screw
101	Looper Clamp Screw
105	Looper Rod Nut



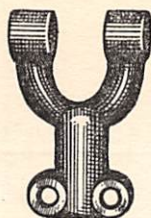
12



13



14



15



16



94



18



95



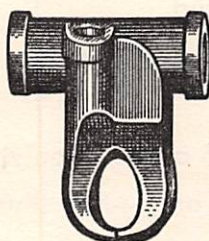
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91



17



19



20



21



99



83



84



105



22



101



98

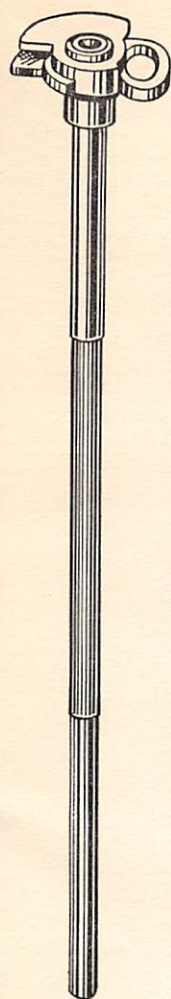
WHEN ORDERING PARTS SPECIFY MODEL



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PLEASE WATCH THESE NUMBERS CAREFULLY

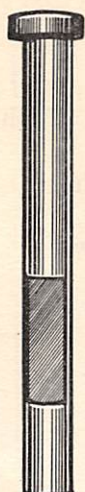
- 11-L Left Platten Bracket (128-S and 138 only)
- 11-R Right Platten Bracket (128-S and 138 only)
- 11-3-L Left Platten Bracket (448 only—Not Illustrated)
- 11-3-R Right Platten Bracket (448 only—Not Illustrated)
- 53-B Feed Frame Shaft
- 61-T-1 Rib Shaft (Model 448 only)
- 63 Rib Shaft Crank
- 64 Rib Shaft Crank Stud
- 65 Rib Shaft Crank Clamp Stud
- 66 Bracket Stud
- 67-R Right Platten (128-S and 138 only)
- 67-1-L Left Platten (128-S only—Not Illustrated)
- 67-2-L Left Platten (138 only)
- 67-3-L Left Platten (448 only—Not Illustrated)
- 67-3-R Right Platten (448 only—Not Illustrated)
- 68 Platten Screw
- 69 Platten Spring
- 100 Rib Shaft Collar Clamp Screw
- 103 Bracket Limit Screw
- 104 Bracket Limit Screw Nut
- 108 Platten Screw Nut
- 116 Left Rib Shaft Collar
- 116-A Right Rib Shaft Collar



61-T-1



53 B



66



103



104



11-L



11-R



63



69



68



64



108



67-2-L



67-R



100



65



116



116 A

WHEN ORDERING PARTS SPECIFY MODEL



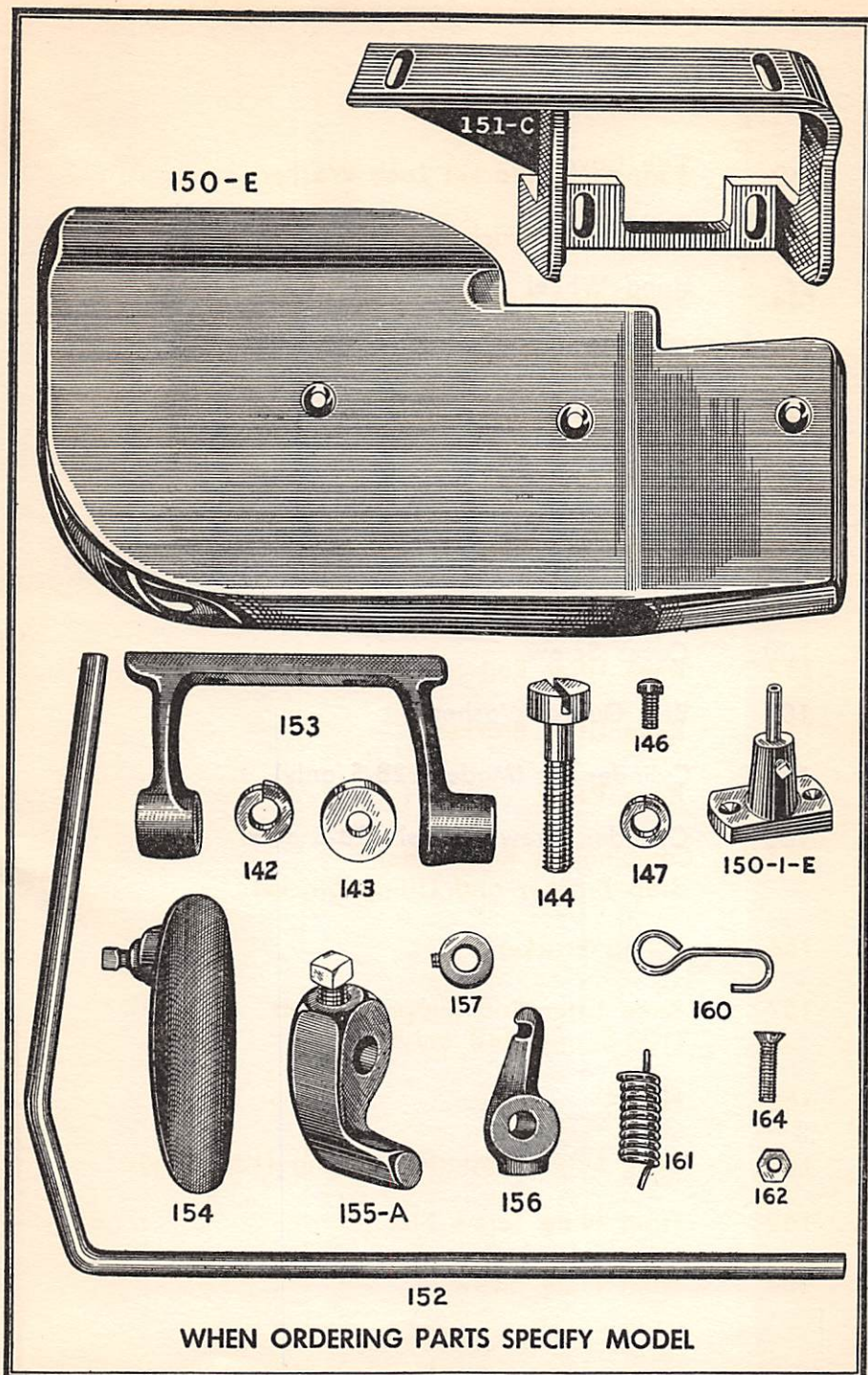
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142	Supporting Bracket Lock Washer
143	Supporting Bracket Washer
144	Supporting Bracket Screw
146	Knee Lifter Screw
147	Knee Lifter Lock Washer
150-E	Large Front Plate
150-1-E	Supporting Post for 150-E
151-C	Front Plate Bracket
152	Knee Lifter Rod
153	Knee Lifter Bracket
154	Knee Pedal
155-A	Combination Knee Lifter Stop Bracket and Lifting Bracket
156	Lifting Bracket
157	Knee Lifter Rod Support Collar (128-S and 448 only)
160	Hook
161	Knee Lifter Supporting Spring (138 only)
162	Front Plate Screw Nut
164	Front Plate Screw

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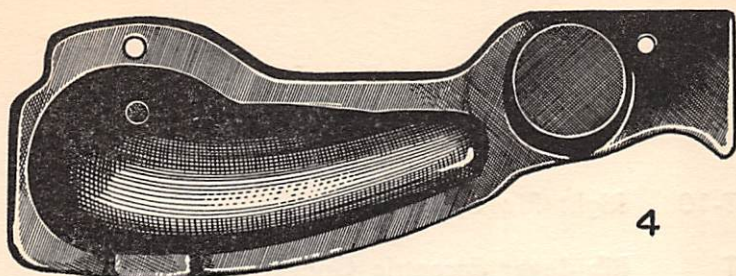




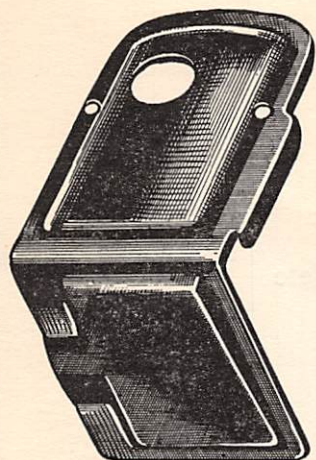
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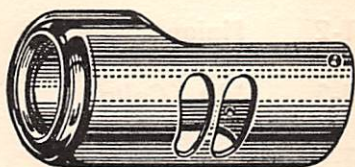
4	Side Cover
5	Back Cover
24	Hand Wheel
24-V	Hand Wheel V Belt Drive (Not Illustrated)
72	Belt Guard
85	Belt Guard Screw
97	Hand Wheel Screw
98	Hand Wheel Screw
100	Cover Screw
109	Belt Guard Washer
167-L	Cylinder for (Model 128-S only)
168	Cylinder Screw (Model 128-S only)



4



5



167-L



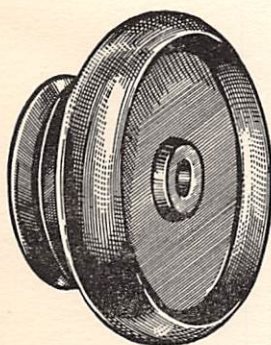
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168



97



24



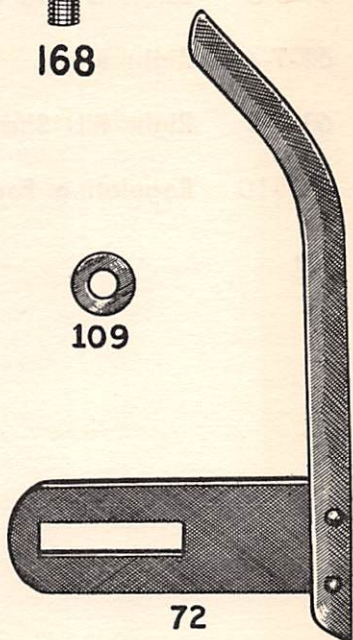
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109



85



72

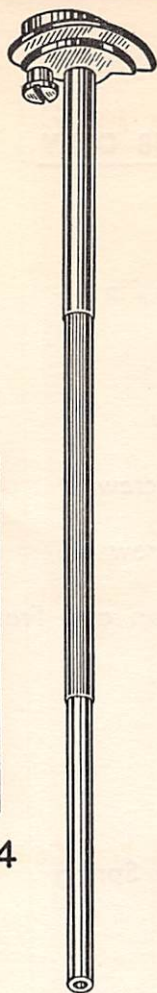
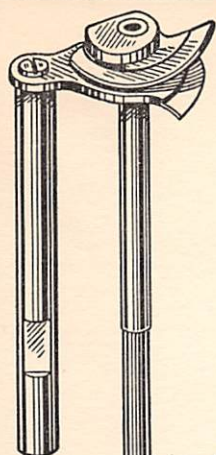
WHEN ORDERING PARTS SPECIFY MODEL



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### MODEL 138 ONLY

3-T-10	Right Rib Shaft Screw
9-T	Rib Lever Eccentric Gear Unit
9-T-2	Pinion Gear
9-T-3	Idler Collar
9-T-4	Idler Shaft
10-T	Rib Connection Lever
61-T-2	Rib Shaft Assembly Complete
61-T-3	Left Rib and Shaft
61-T-4	Right Rib
61-T-5	Right Rib Shaft
117-10	Regulating Fork and Rod Complete



61-T-4



3-T-10



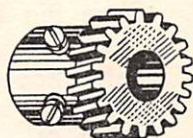
9-T-4



61-T-5



9-T-3



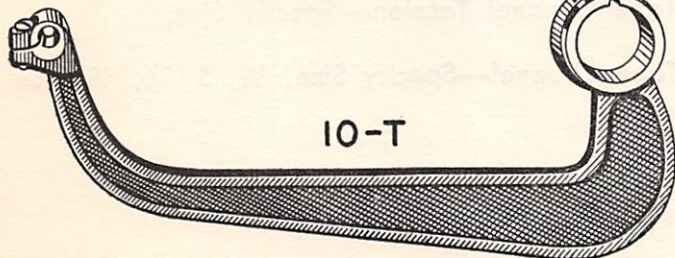
9-T-2



9-T

61-T-2

61-T-3



10-T



117-10

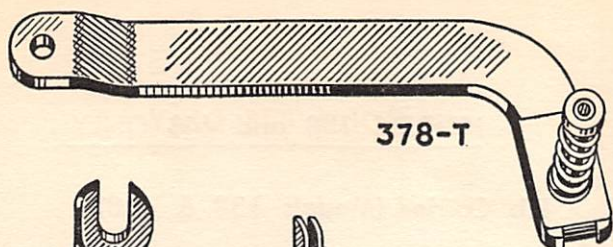
WHEN ORDERING PARTS SPECIFY MODEL



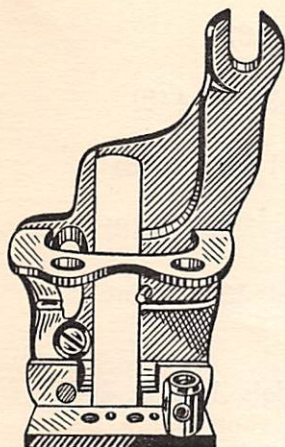
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### **MODEL 448 ONLY**

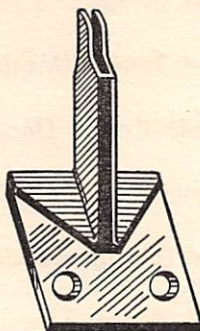
44-B	Presserfoot
46	Presserfoot Eccentric Pin
47	Needle Guide
48	Needle Guide Screw
86	Presserfoot Clamp Screw
87	Presserfoot Brace Screw
89-T	Tape Channel Tension and Front Guide Screw
101-T	Shoe Pin Lock Screw
301-T	Left Shoe
302-T	Right Shoe
303-T	Left and Right Shoe Spring
304-T	Shoe Pin
316-T	Tape Channel Screw
378-T	Tape Channel Tension—Specify Size
379-T	Tape Channel—Specify Size, $\frac{1}{4}$ , $\frac{5}{16}$ , $\frac{3}{8}$ inch



378-T



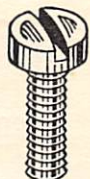
44-B



379-T



316-T



89-T



303-T



301-T



302-T



101-T



304-T



86



87



48



47



46

WHEN ORDERING PARTS SPECIFY MODEL



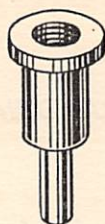
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### **MODELS 138 and 448 ONLY**

- 3-T-1 Rib Carrier (Models 138 & 448)
- 3-T-2 Rib Carrier Pinion (Models 138 & 448)
- 3-T-3 Pinion Shaft Collar (Models 138 & 448)
- 3-T-5 Regulating Link Screw (Models 138 & 448)
- 3-T-6 Regulating Link Screw (Model 138 Spring Loaded Rib)
- 3-T-7 Regulating Knob Barrel (Models 138 & 448)
- 3-T-8 Regulating Barrel Collar (Models 138 & 448)
- 3-T-9 Top Layer Feed Frame Regulating Knob (138 & 448)
- 3-T-10 Shoulder Screw
- 3-T-11 Regulating Stop Screw
- 3-T-12 Regulating Spring
- 3-T-13 Regulating Ball
- 3-T-15 Rib Carrier Shaft (Model 448 only)
- 3-T-16 Rib Carrier Shaft Shield (Model 448 only)
- 87 Rib Carrier Shaft Shield Screw (Model 448 only)



3-T-9



3-T-7



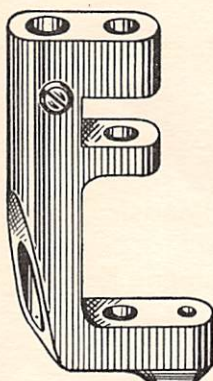
3-T-6



3-T-5



3-T-15



3-T-1



3-T-2



3-T-8



3-T-3



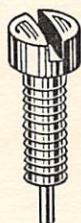
3-T-16



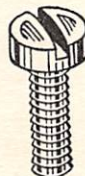
3-T-12



3-T-13



3-T-11



87



3-T-10

WHEN ORDERING PARTS SPECIFY MODEL



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## MEMORANDUM

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**Over 30 U. S. Blind Stitch Models**

SEE THE U. S. FIRST!



***There is a U. S. Machine  
for Every Blind Stitch Need***

Printed in U.S.A.