

May 23, 1950

Department #54

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**List of Parts Complete**

**for**

**Machine No. 109-320**

From the library of: Diamond Needle Corp

109-320

May 23, 1950  
Department #54

List of Parts Complete  
for  
Machine No. 109-320

No.	Name
*133116	Arm, upper and lower (solid) with 948E, 15404, 133126 and two 15405
57202	Arm Oil Tube for oiling 64267
15783	" " " " 11119
11119	" " " 15783 with 52045, for oiling 133101
56003	" " " with 52045, for oiling 133026
52045	" " " Packing (cotton)
127905	" Rock Shaft
127906	" " " 127905 with 64253, 64254 and 127772
12147	" " " Back Bearing Oil Pad (felt)
64386	" " " Bushing (back)
446 AL	" " " " " Set Screw
64388	" " " " (intermediate)
423 AL	" " " " " Set Screw
52045	" " " " Oil Pad (cotton)
64253	" " " Collar with two 624AL
624 AL	" " " " Set Screw
64254	" " " Crank (back) with four 1149AL
1149 AL	" " " " " Set Screw
127772	" " " " (front) with 448AL
127838	" " " " " Pin
448 AL	" " " " " Set Screw
54105	" " " Flanged Bushing
52045	" " " " " Oil Pad (cotton)

No.	Name
453 AL	Arm Rock Shaft Flanged Bushing Set Screw
18154	" " " Front Bearing Oil Pad (felt)
127910	" Rotary Shaft with 1498AL and 57824
127912	" " " 127910 with 64366 and 127783
133120	" " " Bushing (front)
51321 C	" " " " " Set Screw
57781	" " " " (intermediate) with 49093 and 64805
49093	Arm Rotary Shaft Bushing (intermediate) Oil Pad (braided cotton) long
64805	Arm Rotary Shaft Bushing (intermediate) Oil Pad (braided cotton) short
832 C	Arm Rotary Shaft Bushing (intermediate) Set Screw
54008	" " " Collar with three 1259AL
1259 AL	" " " " Set Screw
61441	" " " Flanged Bushing with 49093 and 64805
49093	" " " " " Oil Pad (braided cotton) long
64805	Arm Rotary Shaft Flanged Bushing Oil Pad (braided cotton) short
159 F	Arm Rotary Shaft Flanged Bushing Screw
57824	" " " Oil Pad (felt)
127885	" " " " Tube with 64508 and 127835
*127835	" " " " " Bushing
64508	" " " " " Oil Pad (braided cotton)
144 D	" " " Screw
15196	" Side Cover
51224 W	" " " Thumb Screw
64259	Balance Wheel with two 51283AL
51283 AL	" " Set Screw

No.	Name
127890	Cloth Plate with six 57404
57404	" " Oil Tube
61083	" " Slide
61085	Cloth Plate Slide complete, Nos. 61083, two 52683 and four 725J
52683	Cloth Plate Slide Spring
57334	" " " " Bracket
193 E	" " " " " Screw
725 J	" " " " " Screw
127891	Cloth Plate complete for general work, Nos. 61085, 127890, two 57334 and four 193E
898 F	Cloth Plate Screw (large)
1011 F	" " " (small)
127882	" " Support Bracket with 29627, 50524C, 51250C and two 1520E
51250 C	Cloth Plate Support Bracket Adjusting Screw (bottom)
50524 C	" " " " " " (top)
1520 E	" " " " " " Nut
29627	" " " " " Dowel Pin
146 E	" " " " " Screw
64267	Crank Connecting Rod with two each 896AL and 1057AL
64366	" " " 64267 with 50069C
50069 C	" " " Ball Screw Stud (upper)
1516 E	" " " " " " " Nut
64268	" " " " " " " " Washer
896 AL	" " " Cap (lower) Screw
1057 AL	" " " " (upper) Screw
57288	" " " Oil Case with 57290, 57291 and four each 135F and 443AL
57290	Crank Connecting Rod Oil Case Cap
57291	" " " " " " Packing (felt)

No.	Name
185 E	Crank Connecting Rod Oil Case Cap Screw
448 AL	" " " " " Set Screw
57223	Face Plate
46111	" " Pin
286 V	" " Thumb Screw
61018	Feed Bar with two 624AL
61459	" " 61018 with 127744
57225	" " Hinge Pin
624 AL	" " " " Set Screw
127554	Feed Dog, 17 teeth (13 teeth to the inch) for 127555
61298	" " 11 teeth (9 teeth to the inch) for 61299
61303	" " 11 teeth (9 teeth to the inch) for 61304
61405	" " 17 teeth (13 teeth to the inch) for 61406
61431	" " 17 teeth (13 teeth to the inch) for 61432
61435	" " 17 teeth (13 teeth to the inch) for 61436
61493	" " 17 teeth (13 teeth to the inch) for 61494
57293	" " Packing .005 in. thick
57294	" " " .012 in. thick
57321	" " " .021 in. thick
1255 C	" " Screw
*57227	" Eccentric
*61020	" " Body
51061 AL	" " " Set Screw
217 E	" " Set Screw
7071	" " " " Washer
57228	Feed Eccentric (adjustable) complete, Nos. 217E, 7071, 50653C, 57227, 61020 and two 51061AL
57988	Feed Eccentric Connection with 127848 and 127851
57989	" " " 57988 with 57228 and 127788
127848	" " " Oil Cup
127851	" " " " " Oil Pad (braided cotton)

No.	Name
127744	Feed Lifting Connection
127730	" " Eccentric with 457AL
457 AL	" " " Set Screw
50653 C	" Regulating Screw
127509	" Rocking Frame with four 624AL
127788	" " " Bar
624 AL	" " " " Set Screw
57234	" " " Hinge Pin
57235	" " " " " Bushing
449 AL	" " " " " " Set Screw
624 AL	" " " " " Set Screw
127950	Looper
61297	" Carrier with three 50379F
61474	" " Packing
<p>Note: No. 61474 is furnished in thicknesses of .030 in., .046 in., .075 in., .085 in., .090 in. and .120 in. When ordering, state thickness required.</p>	
127746	Looper Carrier Rock Shaft with 177C
61461	" " " " 127746 with 61361
127790	" " " " Connection with two each 171AL, 1057AL and 1485E
127897	Looper Carrier Rock Shaft Connection 127790 with 127597
127747	" " " " " Ball Stud
177 C	" " " " " " Set Screw
171 AL	" " " " " Cap (lower) Screw
1485 AL	" " " " " " (upper) Screw
(right end)	
1057 AL	Looper Carrier Rock Shaft Connection Cap (upper) Screw (left end)
61361	Looper Carrier Rock Shaft Hinge Pin (eccentric)
61031	" " " " " " Bushing
1299 AL	" " " " " " Set Screw

No.	Name
127760	Looper Carrier Rock Shaft Hinge Pin Handle with 454C and 1299AL
133121	Looper Carrier Rock Shaft Hinge Pin Handle 127760 with 1094F and 133124
1299 AL	Looper Carrier Rock Shaft Hinge Pin Handle Position Screw
454 C	" " " " " " " " Set Screw
133123	" " " " " " " " Lock Stud (hollow)
133124	" " " " " " " " Plate
1094 F	" " " " " " " " " "
	Screw
133125	Looper Carrier Rock Shaft Hinge Pin Lock Stud Spring
717 C	" " " " " " " " Position Screw
1698 E	" " " " " " " " " " Nut
51279 C	" " " " " " " " " " Screw
1698 E	" " " " " " " " " " Nut
127597	" Driving Shaft with two 61039
127783	" " " " 127597 with 127730
133126	" " " " Bracket
948 E	" " " " " " " " " " Screw
133127	" " " " " " " " " " Bushing
51322 C	" " " " " " " " " " Set Screw
133128	" " " " " " " " " " Hole Plug
46200	" " " " " " " " " " Oil Pad (felt) for oiling 127597
12147	" " " " " " " " " " " " 61361
	and 127597
2117	Looper Driving Shaft Pin
61039	" " " " " " " " " " Plug
1498 AL	" " " " " " " " " " Set Screw
61279	" Protector Stud
453 AL	" " " " " " " " " " Set Screw
50379 F	" Set Screw

No.	Name
57244	Needle Bar (hollow)
61466	" " 57244 with 61467
127559	" " 57244 with 127560
38456	" " Bushing (lower)
1133 F	" " " " Set Screw
61042	" " " (upper)
1133 E	" " " " Set Screw
133101	" " Connecting Link
133114	" " " " 133101 with 57940 and 133111
57940	" " " " Hinge Stud
1520 E	" " " " " " Nut
133111	" " " Stud with 50379C and two 187E
187 E	" " " " Clamping Screw
61467	" Clamp with three 904F, for 61466
127560	" " <sup>with</sup> / three 50014F, for 127559
57314	" Guard with two 50239F
57251	" " Bar
127753	" " " Bracket (left) with 400AL
177 C	" " " " " Screw
127754	" " " " (right) with 440AL
177 C	" " " " " Screw
57254	" " " " Holder
29627	" " " " " Dowel Pin
50154 D	" " " " " Screw
440 AL	" " " Set Screw
50239 F	" " Set Screw
50014 F	" Set Screw for 127560
904 F	" " " " 61467
57255	Presser Bar with 25303
25303	" " Ball, size 1/4 in.
61046	" " Bushing (lower)



No.	Name
1133 E	Presser Bar Bushing (lower) Set Screw
38456	" " " (upper)
1133 E	" " " " Set Screw
127836	" " Guide
61049	" " " Connecting Stud with 453AL
453 AL	" " " " " Set Screw
57257	" " Lifter
57258	" " " Hinge Pin
447 AL	" " " " " Set Screw
1872	" " " Roller and Stud
194 D	" " " Stop Screw
61047	" " " Lifting Bracket with 460AL and 1872
127839	" " " Lever with 193F
61075	" " " " Connecting Stud
460 AL	" " " " " " Set Screw
802 D	" " " " Hinge Screw
57978	" " " " Spring
38467	" " " Spring (flat)
38468	" " " Stud
57815	" Foot (solid)
18055	" " Hinge Pin
61370	" " Plate
61371	" " Shank
61372	Presser Foot (hinged) complete, Nos. 18055, 61370 and 61371
18055	Presser Foot Hinge Pin
61412	" " Plate
61413	" " Shank
35250	" " Spring
61414	Presser Foot (spring hinged) complete, Nos. 18055, 35250, 61412 and 61413
176 J	Presser Foot Screw

No.	Name
574 W	Pressure Regulating Thumb Screw
1539 W	" " " " Lock Nut
133097	Slack Thread (upper) Controller Body for 133098
127961	" " " " Spring
127739	" " " " Collar
211 J	" " " " " Screw
133098	Slack Thread (upper) Controller complete, Nos. 211J, 127739, 127961 and 133097
211 J	Slack Thread (upper) Controller Screw
127964	" " Regulator
127753	" " " Holder with 624AL
61281	" " " Crank with 187E and 1963
187 E	" " " Clamping Screw
1963	" " " Roller and Stud
624 AL	" " " Set Screw
2102	Tension (under thread) Disc
51570 C	" " " Regulating Thumb Nut
50326 C	" " " Screw Stud
59539	" " " " " 50326C with 51570C
59534	" " " Spring
59537	" " " " Bushing (large)
59538	" " " " " (small)
57076	" " " Thread Guide
2102	" (upper thread) Disc
51570 C	" " " Regulating Thumb Nut
50326 C	" " " Screw Stud
59539	" " " " " 50326C with 51570C
59535	" " " Spring
59537	" " " " Bushing (large)
59538	" (under thread) Spring Bushing (small)

No.	Name
57076	Tension (under thread) Thread Guide
127972	" Plate with 439D
439 D	" " Position Stud
57265	" " Spring
665 E	" " " Screw
32572	" Releasing Disc
57266	" " Lever
57267	" " " Connection
193 F	" " " " Screw
788 D	" " " Hinge Screw
127977	" " Pin (large)
133066	" " " (small)
127978	" " Plate
691 F	" " " Screw
127807	Thread (under) Eyelet (back) with 127812
691 F	" " " " Screw
127812	" " " " Thread Guide
127984	" " " (front)
127986	" " " " Post
127987	" " " " " 127986 with 203J and 127984
448 AL	Thread (under) Eyelet (front) Post Set Screw (left)
430 C	" " " " " " " (right)
203 J	" " " " Screw
61103	" " Protector
397 F	" " " Screw
127989	" " Take-up
190 E	" " " Screw
127990	" " " Driving Crank with 1454E
1454 E	" " " " " Clamping Screw
1131 C	" " " " " Hinge Screw
1520 B	" " " " " " " Nut

No.	Name
127991	Thread (under) Take-up Eccentric with two 446AL
127992	" " " " Connection with 50240E, 127851, 127994, 127995 and two 127848
127993	Thread (under) Take-up Eccentric Connection 127992 with 127991
127848	Thread (under) Take-up Eccentric Connection Oil Cup
127994	" " " " " " " Oil Pad (back) braided cotton
127851	Thread (under) Take-up Eccentric Connection Oil Cup Oil Pad (front) braided cotton
50240 E	Thread (under) Take-up Eccentric Connection Oil Cup Oil Plug Screw
127995	Thread (under) Take-up Eccentric Connection Oil Cup Oil Plug Screw Washer (leather)
446 AL	Thread (under) Take-up Eccentric Set Screw
127996	" " " Eyelet (left)
203 E	" " " " " Set Screw
127997	" " " " (right)
203 E	" " " " " Set Screw
127998	" " " Packing (.015 in. thick)
127999	" " " " (.025 in. thick)
128000	" " " " (.060 in. thick)
133001	" " " Shaft
133002	" " " " Bracket with two 203E
133003	Thread (under) Shaft Bracket complete, Nos. 127990, 133001, 133002 and 133004
575 E	Thread (under) Take-up Shaft Bracket Screw (left)
129 E	" " " " " " (right)
133004	" " " " Collar with two 446AL
446 AL	" " " " " Screw

133006 Thread (upper) Eyelet (back)  
**Note:** No. 133006 is only furnished when Thread Ripper is required.

127775 Thread (upper) Eyelet (back) Hole Plug  
 178 C " " " " Set Screw  
 133012 " " " (front)

**Note:** No. 133012 is only furnished when Thread Ripper is not required.

203 J Thread (upper) Eyelet (front) Set Screw  
 133017 " " Ripper Body  
 131039 " " " " Hole Plug  
 50554 C " " " " Set Screw  
 68130 " " " " Disc (inside)  
 68131 " " " " " Washer (fiber)  
 133013 " " " " (outside)  
 1693 C " " " " " Nut  
 34099 " " " " " " Washer  
 68123 " " " " Roller  
 68134 " " " " " Hinge Pin  
 133020 " " " " Spacing Collar  
 133023 " " " " Stud  
 133024 Thread (upper) Ripper Stud complete, Nos. 68133, 68134 and 133023  
 13213 Thread (upper) Ripper Stud Spring  
 133026 Thread (upper) Ripper complete, Nos. 1693C, 13213, 34099, 68130, 68131, 133017, 133020, 133024 and two 133018  
 133029 Thread (upper) Ripper Thread Guide  
 " " " " " Screw  
 133030 " " Oil Cup  
 133031 " " " " 133030 with 133032

**Note:** No. 133031 is not regular fitting of machine. If desired, it must be so stated on order.

No.	Name
133032	Thread (upper) Oil Cup Oil Pad (felt)
50004 W	" " " " Screw
133034	" " Take-up
50379 C	" " " Set Screw
127555	Throat Plate for 127554
61299	" " for 61298
61304	" " extra large needle hole for 61303
61406	" " for 61405
61432	" " " 61431
61436	" " " 61435
61494	" " " 61493
691 F	" " Screw
*15404	Trade Mark
15405	" " Rivet