SAME AS MS16535-125 EXCEPT
FINAL PROTECTIVE FINISH TO BE
5.3.1.2 OR 5.3.2.2 OF MIL-STD-171.
NOTES:
1. WIRE. STEEL, MUSIC SPRING, QUALITY PER ASTM-A228 TABLE T.022 SIZE EXCEPT TENSILE STRENGTH TO BE 360,000 TO 390,000 PSI.
2. STRESSES RELIEVE-HOLD AT 400°F + 25°F FOR 30 MIN.
3. SUGGESTED SOURCE OF SUPPLY: NATIONAL STANDARD MACHINERY INC., 4200 MAPES PIANO STRING CO., ELIZABETH-TN, 37064, JOHNSON WIRE & STEEL, WORCESTER, MASS.
4. MANUFACTURE IN ACCORDANCE 100 MIN.
5. WITH TYPE I GRADE A MIL-S-13572.
6. BREAK SHARP EDGES.

WIRE DIA: 0.0228
DIRECTION OF HELIX: OPTIONAL
LOAD AT COMPRESSION LENGTH OF 4406-5455:
ONE END: EXPANDED 0.0620 IN.
TYPE OF ENDS: CLOSED AND GROUND
SOLID LENGTH: 300 MAX.

NOTES: CONTINUED
7. PRESET-COMPRESS TO SOLID HEIGHT 3 TIMES PRIOR TO CHECKING LOADS.
NOTES:
1. RUBBER, FLUOROSILICONE, TYPE III, CLASS I, GRADE 60, SPEC MIL-R-25988 EXCEPT:
   TABLE II, AGING IN STAUFAKER BLEND 7700 FLUID, COMPRESSION SET REQUIREMENTS SHALL NOT APPLY.
2. ALL EXTERIOR AND INTERIOR EDGES TO BE .O50 R MAX.
3. MIL-W-13855 APPLIES.
NOTE:
ML-W-13855 APPLIES.

INSTALL INSERT INTO EXPANDED END OF SPRING AS SHOWN

SPRING, EXTRACTOR-8448753

SEE PL 8448755

CURRENT DESIGN ACTIVITY FROM NOV 71

AAR508, 13 Nov 70 EDITION OF 29 AUG 79 MAY BE USED.
NOTES:
1. FINISH V EXCEPT .025 R 2 PLACES AS NOTED.
2. BREAK ALL SHARP EDGES .005 MAX.
3. CARBURET .003 TO .006 TOTAL CASE DEPTH.
4. HEAT TREATMENT:
   QUENCH AND TEMPER TO SURFACE HARDNESS 15 N 90 MIN.
5. FINISH 5.3.12 OF MIL-STD-771.
6. MIL-W-13655 APPLIES.
NOTICE: RESTRICTED AS TO USE AND DISCLOSURE

NOTE: RESTRICTED AS TO USE AND DISCLOSURE

NOTES:

1. WIRE, STAINLESS STEEL, TYPE 63(304 SS), COLD DRAWN, ASTM A333.

2. PREDICATION HEAT TREAT
   AFTER FORMING TO CONDITION
   CHARGED, HOLD AT 900°F ± 10°F
   FOR ONE HOUR, AIR COOL.


4. MIL-W-28855 APPLIES.

5. BREAK SHARP EDGES .003-.012.

STRONG, HELICAL, COMPRESSION

<table>
<thead>
<tr>
<th>WIRE DIAMETER</th>
<th>Delivered Diameter</th>
<th>Free Length</th>
<th>Total Coils</th>
<th>Direction of Helix</th>
<th>Load at Compressed Length of</th>
<th>.201</th>
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<td>.035 .00003</td>
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CLOSING, GROUND MANUFACTURE IN ACCORDANCE WITH TYPE I, GRADE B, MIL-S-13072

U.S. ARMY ARMAMENT RESEARCH AND DEVELOPMENT CENTER

PART NO. 8448787

SEE NOTE 1

SEE NOTE 3

AUGUST 9, 1966

FLW 19204
NOTES:
1 SPEC MIL-W-38525 AND ANSI Y14.5-1973 APPLY
2 MATERIAL SCREW CAP HEX SOCKET HEAD-M8D4827
TO BE ALTERED AS INDICATED.

ALTERED ITEM DRAWING

PART NO. 9327042

SCREW, BOLT CARRIER KEY

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APPLICATION

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<th>DESCRIPTION</th>
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NOTES:

1. SPEC MIL-W-13855 AND ANS I Y14.5-73 APPLY.
2. MATERIAL:
   WIRE, STAINLESS STEEL, TYPE 63: (17-7PH),
   COLD DRAWN, ASTM-A355.
3. WIRE DIAMETER: -.0200 ± .0005.
4. DIRECTION OF HELIX: OPTIONAL.
5. TOTAL NO. OF COILS: (7.5)
6. LOAD AT COMPRESSED LENGTH OF
   265: 211 LBS ± 2.1LBS.
7. MAX. SOLID HEIGHT: -.184.
8. BREAK SHARP EDGES .003 + .012.
9. FINISH: 12/ ALL SURFACES.
10. MANUFACTURE IN ACCORDANCE WITH
    TYPE 1, GRADE B, MIL-S-13572
    EXCEPT PARAGRAPH 4.4.3 SHALL
    NOT APPLY.
11. PRECIPITATION HEAT TREAT AFTER
    FORMING. HOLD AT 900°F ± 10°F FOR
    ONE HOUR, AIR COOL.
12. HARDNESS EQUIV. TO ROCKWELL C-48 MIN.
13. TYPE OF ENDS: ONE CLOSED AND GROUND,
    ONE CLOSED, FLARED AND GROUND.
15. SPRING REQUIREMENTS APPLY AFTER
    COMpressING TO SOLID LENGTH.

DEPARTMENTS

1. MANUFACTURING
2. QUALITY
3. ENGINEERING
4. SUPPLIES

PART NO. 9349116

SPRING, DISCONNECT

APPLICATION

MARCH 19

9349116

30/01/19

9349116