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DUE TO GOVERNMENT GENERATED ENGINEERING CHANGES, THERE MAY BE DATA AND/OR TOLERANCES NOT PROPRIETARY TO COLT'S.

REVISIONS

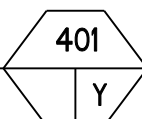
Table with 5 columns: MODEL REV, DRAW REV, DESCRIPTION, DATE(YEAR-MO-DA), APPROVED. Contains revision history for production release and subsequent model updates.

NOTES

1. APPLICABLE STANDARDS/SPECIFICATIONS:

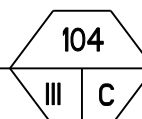
- A. ANSI Y14.5-1973
B. MIL-W-13855

2. MATERIAL: CORROSION RESISTANT STEEL WIRE, 17-7PH COLD DRAWN COND C, AMS 5678.



3. FINISH 125/ALL SURFACES.

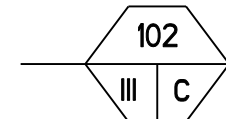
4. WIRE DIAMETER - .032-.001.



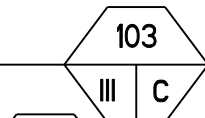
5. TOTAL NO. OF ACTIVE COILS - 11 REF.

6. TOTAL NO. OF COILS - 13 REF.

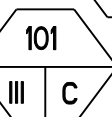
7. LOAD AT COMPRESSED LENGTH OF .745 = 3.88 LBS ± .388 LBS.



8. LOAD AT COMPRESSED LENGTH OF .568 = 6.58 LBS ± .658 LBS.



9. SOLID LENGTH - .419 MAX.



10. SPRING RATE - 15.23 LBS/IN REF.

11. BREAK SHARP EDGES .003+.012.

12. SPRING REQUIREMENTS APPLY AFTER COMPRESSING TO SOLID LENGTH.

13. DIRECTION OF HELIX - OPTIONAL.

14. MANUFACTURE IN ACCORDANCE WITH TYPE I, GRADE B, MIL-S-13572, EXCEPT PARAGRAPH 4.4.4.1 SHALL NOT APPLY.

15. STRESS RELIEVE AND PRECIPITATION HARDEN AFTER FORMING TO COND CH900. HOLD AT 900°F ± 10°F FOR ONE HOUR, AIR COOL.



16. HARDNESS EQUIV TO ROCKWELL C48 MIN.



17. ENDS CLOSED AND GROUND.

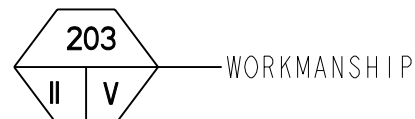


18. PROTECTIVE FINISH: - 5.4.1 OF MIL-STD-171.

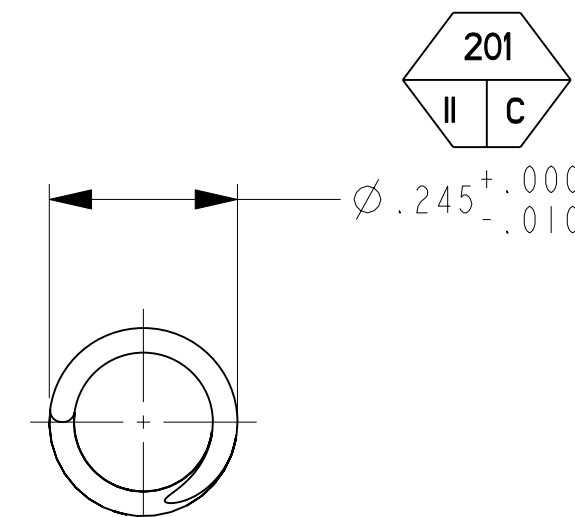
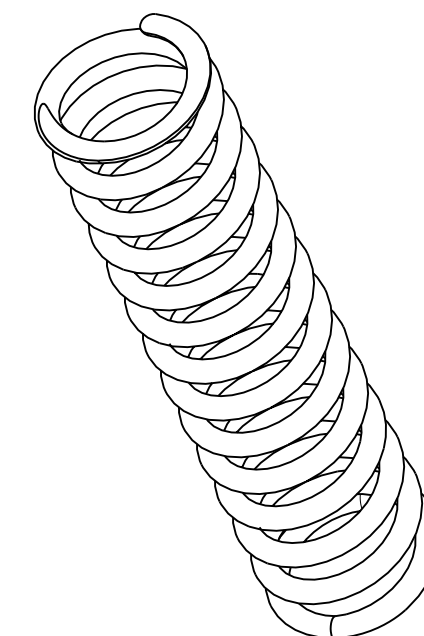
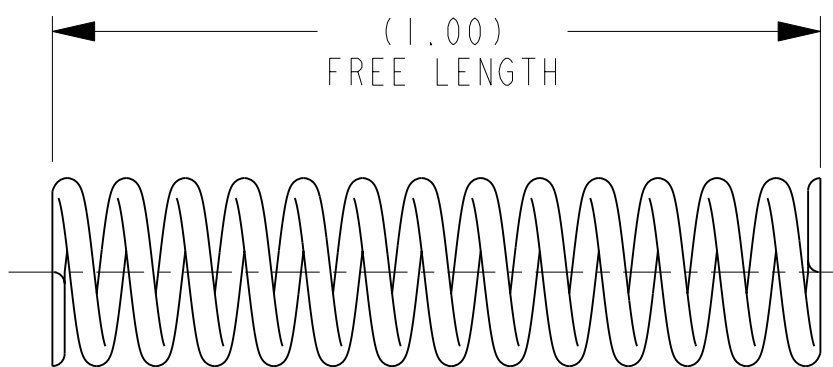


PROTECTIVE COATING

19. QUALITY ASSURANCE PROVISION REQUIREMENTS PER DRAWING 12993884 APPLY.



WORKMANSHIP



THIS DRAWING WAS GENERATED FROM A SOLID MODEL AND IS CAD MAINTAINED. CHANGES SHALL BE INCORPORATED BY THE DESIGN ACTIVITY.

PART NO. 9349070

Table with columns for PMIC, MECHANICAL PROPERTIES (YP, TS, EL2, RA, BH, RH), and APPLICATION (NEXT ASSY, USED ON, MATL ENGR, MODELED BY).

DO NOT SCALE DRAWING

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES

TOLERANCE ON ANGLES ± °
2 PLACE DECIMALS ±
3 PLACE DECIMALS ±

THIRD ANGLE PROJECTION

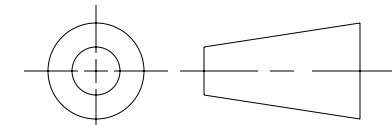


Table with columns for CONTRACT NUMBER, CONTRACTOR, DRAWN BY, CHECKER, ENGINEER, DRAWING APPROVAL, and DESIGN APPROVAL.

DESIGN ACTIVITY US ARMY ARMAMENT RESEARCH, DEVELOPMENT AND ENGINEERING CENTER PICATINNY ARSENAL, NEW JERSEY 07806-5000

SPRING, ELEVATION

Table with columns for SIZE, CAGE CODE, DWG NO., SCALE, UNIT WT., and SHEET.

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