

NOTICE: RESTRICTED AS TO USE AND DISCLOSURE

THIS ENTIRE DOCUMENT AND ALL INFORMATION IS PROPRIETARY TO COLT INC. AND SHALL NOT BE REPRODUCED, DUPLICATED OR COPIED IN WHOLE OR IN PART, DISCLOSED OR MADE AVAILABLE TO ANY OTHER PERSON, FIRM, OR CORPORATION OR OTHERWISE USED EXCEPT TO THE EXTENT NECESSARY FOR AND THEN ONLY IN CONNECTION WITH THE PREPARATION CONNECTION WITH THE PREPARATION AND/OR SUBMISSION OF BIDS OR PROPOSALS RELATED TO A PROCUREMENT BEING EFFECTED BY THE UNITED STATES EITHER BY THE UNITED STATES GOVERNMENT OR UNDER CONTRACT WITH THE UNITED STATES GOVERNMENT. THIS DOCUMENT WILL BE DISPOSED OF IN ACCORDANCE WITH THE INSTRUCTIONS ISSUED BY THE RESPONSIBLE CONTRACTING OFFICER UPON COMPLETION OF THE PURPOSE FOR WHICH IT WAS ISSUED.

SPECIAL LICENSE RIGHTS THE GOVERNMENT'S RIGHTS TO USE, MODIFY, REPRODUCE, RELEASE, PERFORM, DISPLAY, OR DISCLOSE THESE DATA ARE RESTRICTED BY CONTRACT NO. DAAF03-67-C-108, LICENSE NO. DAAF03-67-C-108. ANY REPRODUCTION OF TECHNICAL DATA OR PORTIONS THEREOF MARKED WITH THIS LEGEND MUST ALSO REPRODUCE THE MARKINGS.

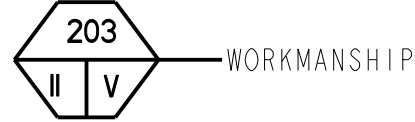
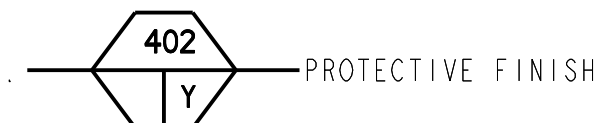
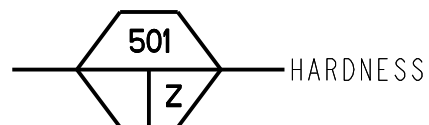
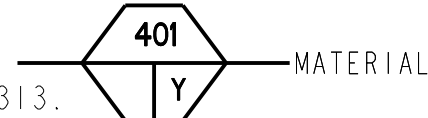
DUE TO GOVERNMENT GENERATED ENGINEERING CHANGES, THERE MAY BE DATA AND/OR TOLERANCES NOT PROPRIETARY TO COLT'S.

REVISIONS

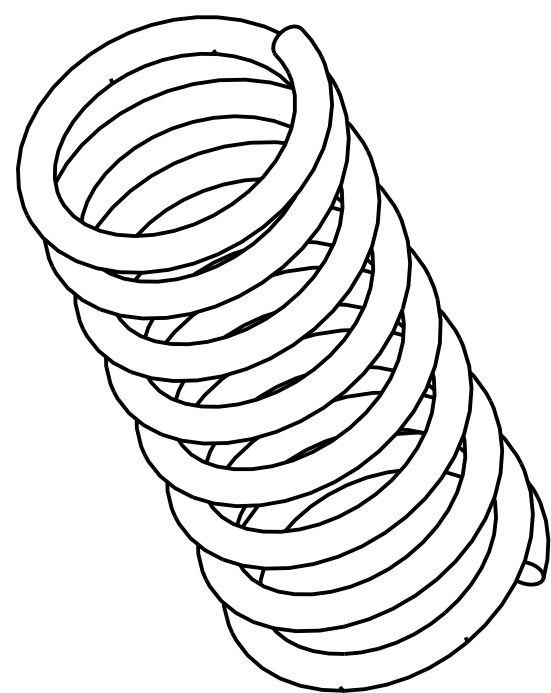
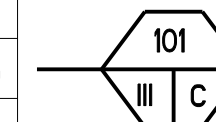
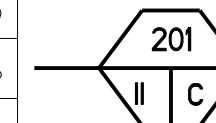
Table with 5 columns: MODEL REV, DRAW REV, DESCRIPTION, DATE(YEAR-MO-DA), APPROVED. Contains 7 revision entries.

NOTES

- 1. MATERIAL: STAINLESS STEEL SPRING WIRE, TYPE 631 (17-7PH), COLD-DRAWN PER ASTM A 313.
2. PRECIPITATION HEAT TREAT AFTER FORMING TO CONDITION CH900. HOLD AT 900° F ± 10° F FOR ONE HOUR. AIR COOL. THE HEAT TREATMENT METHODS INDICATED HEREON ARE FOR GUIDANCE ONLY, EXCEPT THAT TIME AT TEMPERATURE SHALL NOT BE REDUCED BELOW THAT SPECIFIED. HARDNESS: ROCKWELL 15N 84.5 MIN OR EQUIVALENT.
3. MIL-W-13855 APPLIES.
4. BREAK EDGES .003+.012-.000 EXCEPT AS NOTED.
5. QUALITY ASSURANCE PROVISION REQUIREMENTS PER DRAWING NUMBER 12993884 APPLY.
6. PROTECTIVE FINISH: FINISH 5.4.1 OF MIL-STD-171.



SPRING DATA table with 2 columns: Parameter, Value. Includes WIRE DIAMETER, COIL DIAMETER (O.D.), FREE LENGTH, TOTAL COILS, DIRECTION OF HELIX, LOAD AT COMPRESSED LENGTH OF .175, LOAD AT COMPRESSED LENGTH OF -, SPRING RATE, SOLID LENGTH, TYPE OF ENDS, MANUFACTURE IN ACCORDANCE WITH TYPE I, GRADE B PER ASI3572.



ISOMETRIC VIEW

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

CURRENT DESIGN ACTIVITY CAGE CODE 19200 US ARMY ARMAMENT RESEARCH, DEVELOPMENT AND ENGINEERING CENTER PICATINNY ARSENAL, NEW JERSEY 07806-5000

PART NO. 8448590

DISTRIBUTION STATEMENT F: FURTHER DISTRIBUTION ONLY AS DIRECTED BY US ARMY ARDEC, AMSTA-AR-CCL-F, ROCK ISLAND, IL; 1993-09-14.

Table with columns: PMIC, MECHANICAL PROPERTIES, APPLICATION. Lists various part numbers and their applications.

DO NOT SCALE DRAWING UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCE ON ANGLES ± ° 2 PLACE DECIMALS ± 3 PLACE DECIMALS ± .005. THIRD ANGLE PROJECTION. Includes a diagram of a cone and a circle.

Table with columns: CONTRACT NUMBER, CONTRACTOR, DRAWN BY, CHECKER, ENGINEER, DRAWING APPROVAL, DESIGN APPROVAL. Lists personnel and dates.

Table with columns: DESIGN ACTIVITY, SPRING, TRIGGER GUARD, SIZE, CAGE CODE, DWG NO., SCALE, UNIT WT., SHEET. Lists design details and sheet information.