

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.

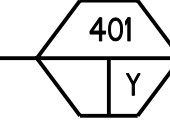
SPECIAL LICENSE RIGHTS THE GOVERNMENT'S RIGHTS TO USE, MODIFY, REPRODUCE, RELEASE, PERFORM, DISPLAY, OR DISCLOSE THESE DATA ARE RESTRICTED BY CONTRACT NO. DAAF03-67-C-108, LICENSE NO. DAAF03-67-C-108. ANY REPRODUCTION OF TECHNICAL DATA OR PORTIONS THEREOF MARKED WITH THIS LEGEND MUST ALSO REPRODUCE THE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

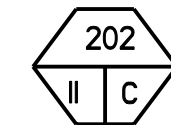
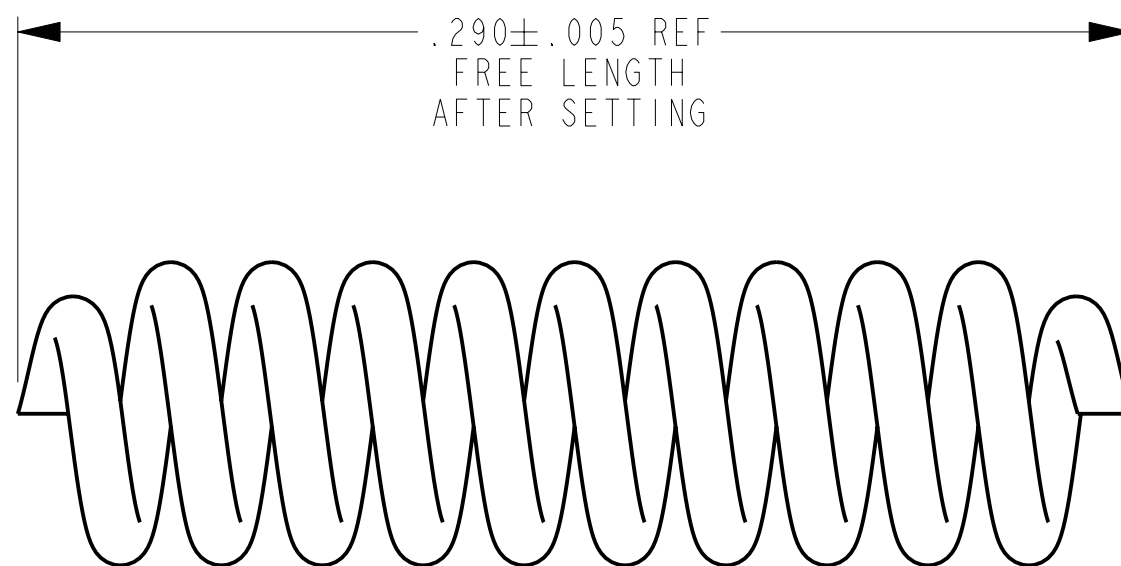
DUE TO GOVERNMENT GENERATED ENGINEERING CHANGES, THERE MAY BE DATA AND/OR TOLERANCES NOT PROPRIETARY TO COLT'S.

REVISIONS

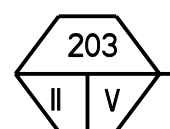
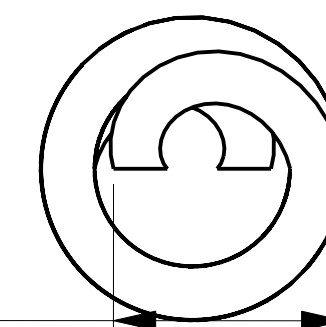
MODEL REV	DRAW REV	DESCRIPTION	DATE(YEAR-MO-DA)	APPROVED
N/A	D	NOR G8S2005 / 1988-03-10	1988-09-27	
N/A	E	NOR GIS2018 / 1991-07-08	1991-10-11	
-	F	NOR LIS3048 / 2001-09-25	2002-05-22	JJW
A	G	NOR L08S3049 / 2008-04-30	2008-06-13	BMG

NOTES

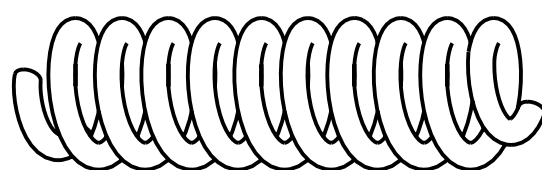
- MIL-W-13855 APPLIES.
- MATERIAL: MUSIC WIRE PER ASTM A 228.  MATERIAL
- BREAK EDGES  $.003^{+.012}_{-.000}$  EXCEPT AS NOTED.
- STRESS RELIEF: HOLD AT 475° F ± 25° F FOR 30 MINUTES.
- QUALITY ASSURANCE PROVISION REQUIREMENTS PER DRAWING NUMBER 12993884 APPLY.



CRIMP TO  $\phi .060 \pm .005$  BOTH ENDS



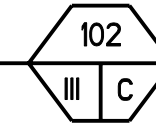
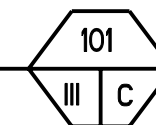
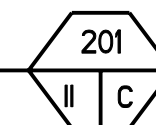
WORKMANSHIP



ISOMETRIC VIEW SCALE 10.000

SPRING DATA

WIRE DIAMETER	$\phi .0140 \pm .0003$
COIL DIAMETER	$\phi .079^{+.000}_{-.005}$
TOTAL COILS	10.5 REF
DIRECTION OF HELIX	OPTIONAL
LOAD AT COMPRESSED LENGTH OF .205	$1.75 \pm 0.25$ LB
LOAD AT COMPRESSED SETTING OF	-
SPRING RATE	-
SOLID LENGTH	.170 MAX
TYPE OF ENDS	PLAIN CRIMPED AS SHOWN
FREE LENGTH AFTER SETTING	-
MANUFACTURE IN ACCORDANCE WITH TYPE I, GRADE B PER ASI3572.	



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. 8448542

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

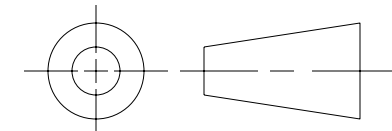
PMIC		
		M4A1
		M4
		M16A4
		M16A3
YP		
TS		
EL2	9349086	M16A2
RA	8448541	M16A1
BH		
RH		
	NEXT ASSY	USED ON
	APPLICATION	

DO NOT SCALE DRAWING

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES

TOLERANCE ON ANGLES ± 2°  
2 PLACE DECIMALS ± .01  
3 PLACE DECIMALS ± .005

THIRD ANGLE PROJECTION



MATL ENGR

MODELED BY

G. STRAHL

CONTRACT NUMBER

CONTRACTOR

DRAWN BY  
G. STRAHL

DATE(YEAR-MO-DA)  
1970-04-27

CHECKER  
S. GALL - ESERV

ENGINEER  
J. WINDHAM

ENGINEER  
L. KO

QUALITY ENGINEER  
L. CICHUCKI

DRAWING APPROVAL

L. BRUNTON 2001-09-25

DESIGN APPROVAL

R. ELBE 2001-09-25

DESIGN ACTIVITY

US ARMY  
ROCK ISLAND ARSENAL  
ROCK ISLAND, ILLINOIS

SPRING, BOLT

SIZE

C

CAGE CODE

19204

DWG NO.

8448542

SCALE 20.000

UNIT WT. 0.0000929

SHEET 1 OF 1