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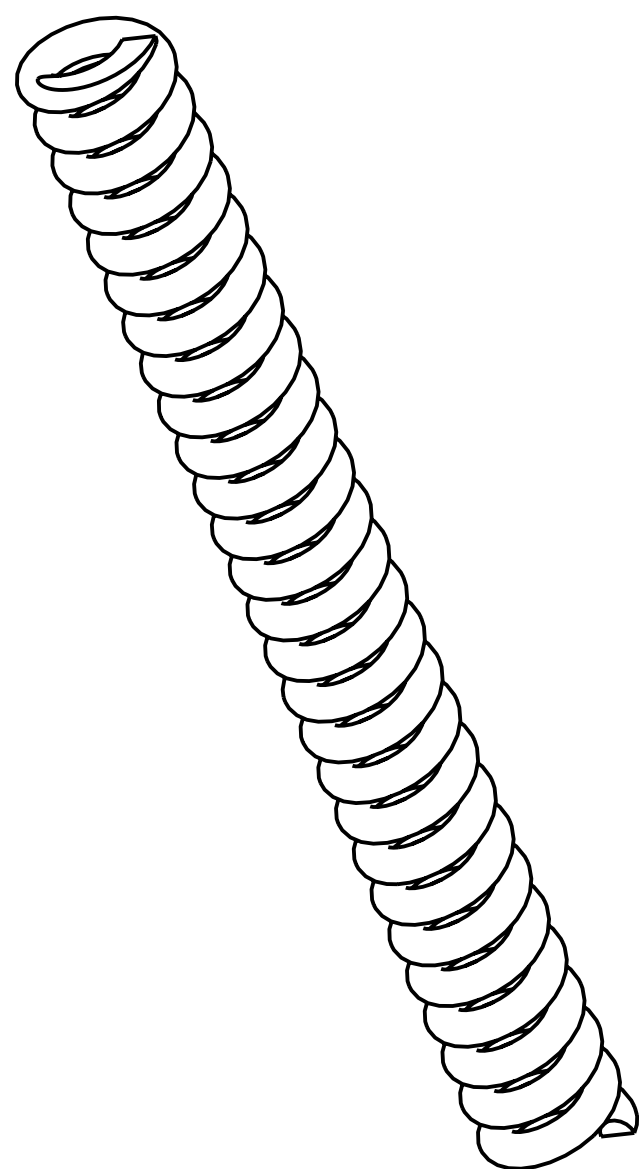
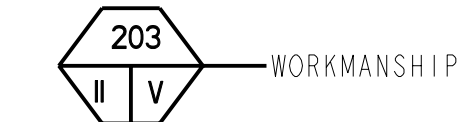
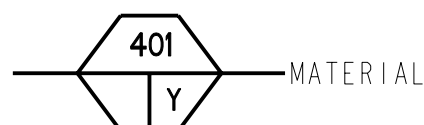
DUE TO GOVERNMENT GENERATED ENGINEERING CHANGES, THERE MAY BE DATA AND/OR TOLERANCES NOT PROPRIETARY TO COLT'S.

REVISIONS

MODEL REV	DRAW REV	DESCRIPTION	DATE(YEAR-MO-DA)	APPROVED
N/A	G	NOR GIS2018 / 1991-07-08	1991-10-11	
-	H	NOR LIS3067 / 2002-03-26	2002-05-23	JJW
A	J	NOR L3S3161 / 2004-03-31	2004-08-13	RLV
B	K	NOR L06S3020 / 2006-03-29	2006-05-02	BMG
C	L	NOR L07S3087 / 2007-09-24	2007-10-04	BMG

NOTES

- MIL-W-13855 APPLIES.
- MATERIAL: MUSIC WIRE PER ASTM A 228.
TENSILE STRENGTH: 376,000 PSI MIN.
- BREAK EDGES $.003^{+.012}_{-.000}$ EXCEPT AS NOTED.
- STRESS RELIEVE AFTER FORMING.
HOLD AT $475 \pm 25^{\circ}\text{F}$ FOR 30 MINUTES.
- SET SPRING TO SOLID HEIGHT
3 TIMES AFTER STRESS RELIEF.
- QUALITY ASSURANCE PROVISION REQUIREMENTS
PER DRAWING NUMBER 12993884 APPLY.

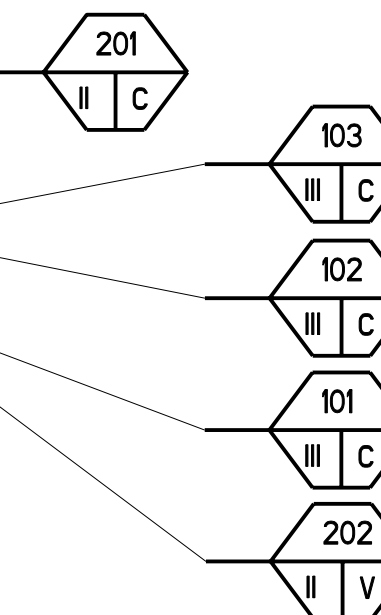


ISOMETRIC VIEW

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

SPRING DATA

WIRE DIAMETER	.0240 ± .0003
COIL DIAMETER	.103 ± .003
TOTAL COILS	27 REF
DIRECTION OF HELIX	OPTIONAL
LOAD AT COMPRESSED LENGTH OF .850	2.94 ± 0.30 LB
LOAD AT COMPRESSED LENGTH OF .784	5.50 ± 0.25 LB
SPRING RATE	-
SOLID LENGTH	.650 MAX
TYPE OF ENDS	SQUARED, GROUND
FREE LENGTH AFTER SETTING	.926 REF
MANUFACTURE IN ACCORDANCE WITH TYPE I, GRADE A PER MIL-S-13572	



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

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

PART NO. 8448516

PMIC			DO NOT SCALE DRAWING		CONTRACT NUMBER		DESIGN ACTIVITY	
		M231	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		CONTRACTOR		US ARMY ROCK ISLAND ARSENAL ROCK ISLAND, ILLINOIS	
		M4A1	TOLERANCE ON ANGLES ± ° 2 PLACE DECIMALS ± .01 3 PLACE DECIMALS ± .005		DRAWN BY	DATE(YEAR-MO-DA)	SPRING, EJECTOR AND SAFETY DETENT	
MECHANICAL PROPERTIES	9327230	M4	THIRD ANGLE PROJECTION		D. COLLUM	1970-04-27		
YP	8448509	M16A4			CHECKER	ENGINEER		
TS	8448604	M16A3			G. STRAHL	J. WINDHAM		
EL2	8448578	M16A1	MATL ENGR		ENGINEER	QUALITY ENGINEER	SIZE C	
RA			MODELED BY		L. KO	E. SESE	CAGE CODE 19204	
BH			APPLICATION		DRAWING APPROVAL		DWG NO. 8448516	
RH					L. BRUNTON	2002-03-21	SCALE 8.000	
					DESIGN APPROVAL		UNIT WT. 0.000873	
					R. ELBE	2002-03-21	SHEET 1 OF 1	