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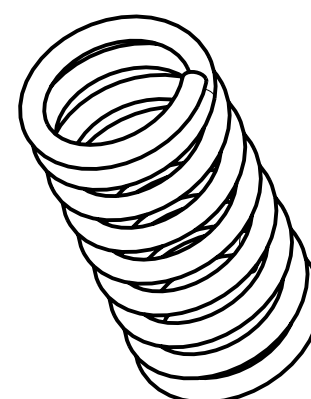
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DUE TO GOVERNMENT GENERATED ENGINEERING CHANGES, THERE MAY BE DATA AND/OR TOLERANCES NOT PROPRIETARY TO COLT'S.

## NOTES

- MIL-W-13855 APPLIES.
- MATERIAL: WIRE, STAINLESS STEEL, TYPE 631, (17-7PH), COLD DRAWN PER ASTM A 313.
- BREAK SHARP EDGES .003 ± .012.
- PRECIPITATION HEAT TREAT AFTER FORMING TO CONDITION CH900. HOLD AT 900°F ± 10° F FOR 1 HOUR. AIR COOL. HARDNESS SHALL BE ROCKWELL 15N 84.5 MIN OR EQUIVALENT.
- PROTECTIVE FINISH: FINISH 5.4.1 OF MIL-STD-171.
- QUALITY ASSURANCE PROVISION REQUIREMENTS PER DRAWING 12993884 APPLY.



ISOMETRIC VIEW

## SPRING, HELICAL COMPRESSION

WIRE DIAMETER	.0180±.0005
COIL DIAMETER	.148±.004
TOTAL COILS	9 REF
DIRECTION OF HELIX	OPTIONAL
LOAD AT COMPRESSED LENGTH OF .290	1.1 LB ± 0.1 LB
LOAD AT COMPRESSED SETTING OF	-----
SPRING RATE	-----
SOLID LENGTH	.185 MAX
TYPE OF ENDS	CLOSED
FREE LENGTH AFTER SETTING	.404 REF
MANUFACTURE IN ACCORDANCE WITH TYPE I, GRADE B OF MIL-S-13572.	

## REVISIONS

MODEL REV	DRAW REV	DESCRIPTION	DATE(YEAR-MO-DA)	APPROVED
N/A	B	REPLACES REV A W/ CHANGE SEE ERR HOR 20778	1972-10-06	LB
N/A	C	NOR W9S2009 / 1980-02-13	1980-05-16	
N/A	D	NOR W2S0011 / 1982-04-13 (ECP W2S0034 / 1982-07-15) (ECP W3S3120 / 1983-07-07)	1983-11-04	HW
N/A	E	NOR GIS2018 / 1991-07-08	1991-10-11	RR/SR
-	F	NOR L2S3042 / 2002-08-05	2002-09-26	JJW
A	G	NOR L05S3064 / 2005-08-09	2005-09-19	BMG

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. 8448633

PMIC	9327230	M231	DO NOT SCALE DRAWING UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	CONTRACT NUMBER		DESIGN ACTIVITY	
	12972690	M4A1		CONTRACTOR		US ARMY ROCK ISLAND ARSENAL ROCK ISLAND, ILLINOIS	
	9390011	M4		DRAWN BY J. KREIDER		DATE(YEAR-MO-DA) 1970-04-27	
	12598101	M16A4		CHECKER J. MACON-ESERV		ENGINEER J. WINDHAM	
MECHANICAL PROPERTIES	12012001	M16A3	TOLERANCE ON ANGLES ± ° 2 PLACE DECIMALS ± 3 PLACE DECIMALS ± .005	ENGINEER L. KO		QUALITY ENGINEER E. SESE	
YP	9349100	M16A2		DRAWING APPROVAL L. BRUNTON		2002-08-05	
TS	8448578	M16A1		DESIGN APPROVAL R. ELBE		2002-08-05	
EL2	8448604	M16		SCALE		7.000	
RA	NEXT ASSY USED ON		MATL ENGR	MODELED BY	J. KREIDER	CAGE CODE	19204
BH	APPLICATION					DWG NO.	8448633
RH						SCALE	7.000
						UNIT WT.	0.000260
						SHEET	1 OF 1

SPRING, BOLT CATCH

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