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REVISIONS					
MF	ZONE	LTR	DESCRIPTION	DATE	APPROVED
		B	REPLACES REV A W/CHANGE SEE ERR HQR 20778	6 OCT 72	<i>RB</i>
		C	NOR W2S0011 / 82-04-13 (ECP W2S0034 / 82-07-15)	83-11-04	<i>Handwritten initials</i>
		D	ERR Z9Z1182AN (ECP G8S3111 881109)	890828	<i>Handwritten initials</i>

SPRING, HELICAL, COMPRESSION

NOTES:

1. WIRE, CORROSION RESISTING, TYPE 631, (17-7PH), ASTM A313.

2. PRECIPITATION HEAT TREAT AFTER FORMING TO CONDTN CH900. HOLD AT 900°F ± 10° FOR ONE HOUR. AIR COOL.

3. MIL-W-13855 APPLIES.

WIRE DIAMETER _____ 0220 ± .0005
 COIL DIAMETER (O.D) _____ 118 ± .003
 FREE LENGTH _____ 500 REF
 TOTAL COILS _____ 13 REF
 DIRECTION OF HELIX _____ OPTIONAL
 LOAD AT COMPRESSED LENGTH OF .370 _____ 4.29 LB ± .43 LB
 LOAD AT COMPRESSED LENGTH OF _____
 SPRING RATE _____
 SOLID LENGTH _____ 315 MAX
 TYPE OF ENDS _____ CLOSED
 MANUFACTURE IN ACCORDANCE WITH TYPE I , GRADE B , MIL-S-13572

CURRENT DESIGN ACTIVITY GAGE CODE 19200
U.S. ARMY
ARMAMENT RESEARCH, DEVELOPMENT AND ENGINEERING CENTER
PICATINNY ARSENAL, NEW JERSEY 07806-5000

PART NO. 8448538

MECHANICAL PROPERTIES				UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	CONTRACT NO.	DEPT OF THE ARMY U.S. ARMY WEAPONS COMMAND ROCK ISLAND, ILLINOIS, 61201	
YS				TOLERANCES:	DATE 27 APR 70	SPRING,	
MIN				ANGLES ±	PREP <i>P. Vernon</i>	REAR SIGHT DETENT	
YS				3 PLACE DECIMALS ± .005	CHK <i>B. J. ...</i>	SIZE	CCDE IDENT NO.
MAX				2 PLACE DECIMALS ±	ENGR <i>R. Elbe</i>	B	19204
EL 2		D8448602	M16	MATERIAL	SUBMITTED	DRAWING NO.	
RA		D8448523	M16A1	SEE NOTE 1	<i>Handwritten signature</i>	8448538	
BH		NEXT ASSY	USED ON	FINAL PROTECTIVE FINISH	APPROVED	SCALE	SHEET 1 OF 1
RH	15N 84.5 MIN	APPLICATION		5.4 I OF MIL-STD-171	<i>R. S. Henry</i>	DUPLICATE ORIGINAL	

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