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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>SE</i>
		C	NOR W9S2009 80-02-13	80-05-16	<i>MR. J. J. J.</i>
			NOR WZS0011 / 82-04-13		<i>H. J.</i>
			DECP WZS0034 / 82-07-15	83-11-08	<i>DR. J.</i>
			ECP W353120 / 83-07-07		
		E	NOR GIS2018 91-07-08	91-10-11	<i>RRSL</i>

SPRING, HELICAL, COMPRESSION

NOTES:

- WIRE, STAINLESS STEEL, TYPE 631, (17-7PH) COLD DRAWN, ASTM A313.
- PRECIPITATION HEAT TREAT AFTER FORMING TO CONDTN CH900. HOLD AT 900°F ± 10° FOR 1 HOUR. AIR COOL.
- MIL-W-13855 APPLIES.
- BRAKE SHARP EDGES .003+.012.

WIRE DIAMETER _____ 0290 ± .0005
 COIL DIAMETER (O.D) _____ 298 ± .007
 FREE LENGTH _____ 1.15 REF
 TOTAL COILS _____ 8 REF
 DIRECTION OF HELIX _____ OPTIONAL
 LOAD AT COMPRESSED LENGTH OF .470 _____ 5.64 LB ± .56 LB
 LOAD AT COMPRESSED LENGTH OF _____
 SPRING RATE _____
 SOLID LENGTH _____ 270 MAX
 TYPE OF ENDS _____ CLOSED
 MANUFACTURE IN ACCORDANCE WITH TYPE I, GRADE B, MIL-S-13572

U S ARMY ARMAMENT RESEARCH AND DEVELOPMENT CENTER
 DOVER, NEW JERSEY 07801

CURRENT FSCM NO.
 PART NO. 8448637 19200

MECHANICAL PROPERTIES		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		CONTRACT NO.		DEPT. OF THE ARMY	
YS MIN		9390011	M4	DATE	27 APR 70	U.S. ARMY WEAPONS COMMAND ROCK ISLAND, ILLINOIS 61201	
YS MAX		F 9327230	M 231	PREP	<i>P. V. V. G. G.</i>	SPRING, MAGAZINE CATCH	
EL 2		F 8448604	M 16	CHK	<i>H. J. J. J.</i>		
RA		F 8448578	M 16 AI	ENGR	<i>R. Elbe</i>	SIZE	CODE IDENT NO.
BH		NEXT ASSY	USED ON	SUBMITTED	<i>D. A. Cole</i>	B	19204
RH	15N 84.5 MIN	APPLICATION		FINAL PROTECTIVE FINISH	APPROVED	DRAWING NO.	
				5.41 OF MIL-STD-171	<i>P. S. Harvey</i>	8448637	
						SCALE	SHEET OF

AMSWE Form 403B, 29 Jul 69