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REVISIONS			
SYM	DESCRIPTION	DATE	APPROVAL
F		9 APR 62	
G	REDRAWN & REVISED SEE EO SA 27441	2 NOV 64	<i>R. Henry</i>
H	(1) SEE EO SA 29262	18 MAY 66	<i>J. L. T.</i>
J	(1-2) SEE EO 82048	11 MAR 68	<i>P. J. Schulte</i>
K	(1) SEE EO HRD 92078-2	25 JUN 69	<i>P. J. Schulte</i>
L	SEE EO HRD 02138	7 FEB 75	<i>D. D. Cole</i>
M	(3) SEE ERR HQR 40681	10 FEB 75	<i>W. B. Schulte</i>
N	NOR W8S2022/79-03-26	79-04-01	<i>SA R. H. Hall</i>
P	NORW4S2051/840824 ECPW5S2069 / 851223)	860121	<i>K. R.</i>

WIRE DIAMETER ----- .0180 ± .0003
 COIL DIAMETER (O. D.) ----- .1225 ± .0025
 FREE LENGTH ----- .424 REF
 TOTAL COILS ----- 9 REF
 DIRECTION OF HELIX ----- OPTIONAL
 LOAD AT COMPRESSED LENGTH OF .350 ----- 1.12 LB ± .31 LB
 LOAD AT COMPRESSED LENGTH OF .240 ----- 2.75 LB ± .56 LB
 SPRING RATE ----- 14.7 LB/IN REF
 SOLID LENGTH ----- .183 MAX
 TYPE OF ENDS ----- OPEN ENDS NOT GROUND
 MANUFACTURE IN ACCORDANCE WITH MIL-S-13572, TYPE I, GRADE A.

NOTES:

- HOLE DIA INTO WHICH SPRING FITS FREELY .130 MIN.
- ROD DIA OVER WHICH SPRING SLIDES FREELY MAX.
- HEAT TREATMENT: STRESS RELIEVE AT 425 °F. TO 445 °F. FOR 30 MIN, AFTER COILING.
- FINAL PROTECTIVE FINISH: FINISH 3.3.1 OF MIL-STD-171 WITH SUPPLEMENTARY PRESERVATIVE CONFORMING TO SPEC VV-L-800.
- LOAD REQUIREMENTS SHALL APPLY AFTER SPRING HAS BEEN COMPRESSED TO SOLID LENGTH 3 TIMES.

(K1) (M) (H1) (J2)
 (USED WITH STOP, BOLT-7267034) ORIGINAL FSCM NO.19205

CURRENT DESIGN ACTIVITY FSCM NO. 19200
 U.S. ARMY ARMAMENT RESEARCH AND DEVELOPMENT CENTER
 DOVER, NEW JERSEY 07801

PART NO. 7267074

MECHANICAL PROPERTIES		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		ORIGINAL DATE OF DRAWING 17 SEP 54	
YP	9386974	RIFLE, M14, NM	TOLERANCES ON DECIMALS ±	DRAFTSMAN J. L. T.	CHECKER E. P. S.
TS	F7267000	RIFLE, M14	FRACTIONS ± ANGLES ±	TRACER J. L. T.	CHECKER W. H. S.
EL 2			MATERIAL: STEEL, WIRE, SPEC QQ-W-470	ENGINEER <i>P. J. Schulte</i>	ENGINEER <i>P. J. Schulte</i>
RA			HEAT TREATMENT SEE NOTE 3	SUBMITTED <i>P. J. Schulte</i>	
BH	NEXT ASSY USED ON APPLICATION		FINAL PROTECTIVE FINISH SEE NOTE 4	APPROVED <i>P. J. Schulte</i>	
RH	DO NOT APPLY PART NO. AS SPECIFIED				

DEPT OF THE ARMY
 SPRING, HELICAL, COMPRESSION

CODE IDENT NO. 19204	DWG SIZE B	7267074
SCALE	UNIT WT	SHEET 1 OF 1