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ASSEMBLED HEIGHT (BASIC) ----- .272
 WIRE DIAMETER (APPROX) ----- .040
 OUTSIDE DIA SOLID, NOT MORE THAN ----- .323
 INSIDE DIA FREE, NOT LESS THAN ----- .233
 FREE LENGTH ----- .345 REF
 TOTAL COILS ----- 5 REF
 DIRECTION OF HELIX ----- OPTIONAL
 LOAD AT COMPRESSED LENGTH OF .272 ----- 4 LB MIN
 LOAD AT COMPRESSED LENGTH OF ----- LB± LB
 SPRING RATE ----- 50 LB/IN REF
 SOLID LENGTH ----- .208 MAX
 TYPE OF ENDS ----- CLOSED ENDS
 ----- GROUND

MANUFACTURE IN ACCORDANCE WITH
 MIL-S-13572, TYPE I, GRADE B.

NOTES:

- HOLE DIA INTO WHICH SPRING FITS FREELY .328 MIN.
- ROD DIA OVER WHICH SPRING SLIDES FREELY .230 MAX.
- MATERIAL: WIRE, STEEL, CORROSION-RESISTING, SPEC QQ-W-423: 302 OR 304 CONDITION B. (K)
- HEAT TREATMENT: STRESS RELIEVE FOR ONE HOUR AT 700 °F AFTER COILING.
- LOAD REQUIREMENT SHALL APPLY AFTER SPRING HAS BEEN COMPRESSED TO SOLID LENGTH 3 TIMES.

REVISIONS			
SYM	DESCRIPTION	DATE	APPROVAL
D		8 NOV 63	
E	REDRAWN & REVISED SEE EO SA 274-41	2 NOV 64	<i>R. Henry</i>
F	(1) SEE EO SA 29261	18 MAY 66	<i>R. Henry</i>
G	SEE EO RIA-13912	1-20-67	<i>a2a</i>
H	(1) SEE EO HRD 92078-2	25 JUN 69	<i>C. J. Henry</i>
J	SEE EO HRD 02138	21 FEB 75	<i>A. J. Henry</i>
K	(2) SEE ERR MQR 40681	10 FEB 75	<i>A. J. Henry</i>
L	NOR WSS2022/79-03-26	79-04-01	<i>A. J. Henry</i>
M	NOR WZS2025 84-02-10	84-04-20	<i>A. J. Henry</i>

U S ARMY ARMAMENT RESEARCH AND DEVELOPMENT CENTER
 OVER NEW JERSEY CITY

CURRENT DESIGN ACTIVITY FSCM NO.

(F) (K) (M) (J)
 (USED WITH VALVE - 7267604)

ORIGINAL DESIGN ACTIVITY FSCM NO. 19205

PART NO. 7267605

19200

MECHANICAL PROPERTIES		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		ORIGINAL DATE 28 DEC 54		SPECIFICATION: MIL-S-13572	
YP		TOLERANCES ON DECIMALS ±		DRAFTSMAN C.W.M.	CHECKER E.E.K.	SPRING, HELICAL, COMPRESSION	
TS	F7267000 RIFLE, M14	FRACTIONS ± ANGLES ±		TRACER T.P.S.	CHECKER W.H.S.		
EL 2		MATERIAL SEE NOTE 3		ENGINEER <i>T. J. Henry</i>	ENGINEER <i>J. J. Henry</i>		
RA		HEAT TREATMENT SEE NOTE 4		SUBMITTED <i>T. J. Henry</i>	APPROVED <i>T. J. Henry</i>		
BH	NEXT ASSY USED ON	FINAL PROTECTIVE FINISH NONE		APPROVED <i>T. J. Henry</i>		CODE-BOOK NO. 19204	DWG SIZE B
RH	DO NOT APPLY PART NO. AS SPECIFIED			SCALE UNIT WT SHEET 1 OF 1		7267605	