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(M)

WIRE DIAMETER ----- .029 ± .001
 COIL DIAMETER (I.D.) ----- .061 ± .002
 FREE LENGTH ----- .480 REF
 TOTAL COILS ----- 12 REF
 DIRECTION OF HELIX ----- OPTIONAL
 LOAD AT COMPRESSED LENGTH OF .400 ----- 9 LBS MIN
 LOAD AT COMPRESSED LENGTH OF ----- LB ± LB
 SPRING RATE ----- 106 LB/IN MIN
 SOLID LENGTH ----- .350 MAX
 TYPE OF ENDS ----- CLOSED ENDS GROUND
 MANUFACTURE IN ACCORDANCE WITH MIL-S-13572, TYPE I, GRADE A.

(K)

NOTES:

(N)

1. HOLE DIA INTO WHICH SPRING FITS FREELY .124 MIN.
2. ROD DIA OVER WHICH SPRING SLIDES FREELY MAX.
3. HEAT TREATMENT: STRESS RELIEVE AT 425 °F. TO 445 °F. FOR 30 MIN, AFTER COILING.
4. STRAIGHTNESS: SPRINGS SHALL BE CAPABLE OF PASSING THRU A .124 DIA HOLE .375 LONG.
5. LOAD REQUIREMENT SHALL APPLY AFTER SPRING HAS BEEN COMPRESSED TO SOLID LENGTH 3 TIMES.

REVISIONS			
SYM	DESCRIPTION	DATE	APPROVAL
G		28 JUN 61	
H	REDRAWN AND REVISED SEE EO SA 27441	2 NOV 64	<i>Rosen</i>
J	(1) SEE EO SA 29262	18 MAY 66	<i>Rosen</i>
K	(1-2) SEE EO 82048	11 MAR 69	<i>Rosen</i>
L	(1) SEE EO HRD 92078-2	25 JUN 69	<i>Rosen</i>
M	SEE EO HQR 02138	71 FEB 75	<i>Rosen</i>
N	SEE ERR HQR 40681	10 FEB 75	<i>Rosen</i>
P	NOR W8S2022/79-03-26	79-04-01	<i>Rosen</i>
R	NORW4S2051/840824 ECPW5S2069. / 851223	860121	<i>Rosen</i>

(USED WITH PLUNGER 5013671)

MECHANICAL PROPERTIES		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		ORIGINAL DATE OF DRAWING 2 AUG 37	PART NO. 6008886	
YP	RIFLE, M14	TOLERANCES ON DECIMALS ±		DRAFTSMAN S.L. MCS	CHECKER P.M.	SPRING, HELICAL, COMPRESSION
TS	B 6008618	FRACTIONS ± ANGLES ±		ENGINEER <i>WHS</i>	CHECKER <i>WHS</i>	
EL 2	8 MID	MATERIAL: STEEL, WIRE, SPEC QQ-W-470		ENGINEER <i>WHS</i>	CHECKER <i>WHS</i>	
RA	NEXT ASSY USED ON	HEAT TREATMENT SEE NOTE 3		ENGINEER <i>WHS</i>	CHECKER <i>WHS</i>	
BH	APPLICATION	FINAL PROTECTIVE FINISH LUB: OIL, SPEC VV-L-800		APPROVED <i>WHS</i>	APPROVED <i>WHS</i>	CODE IDENT NO 19201
RH	DO NOT APPLY PART NO			SCALE	UNIT WT	DWG SIZE B 6008886
AS SPECIFIED				SHEET 1 OF 1		