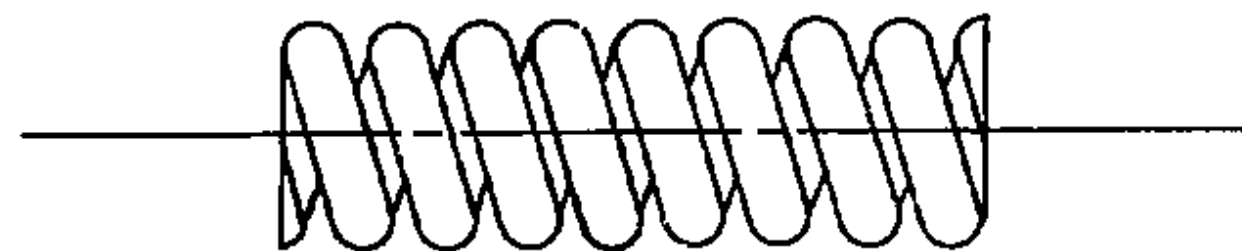


NOTES:
1. HOLE DIA INTO WHICH SPRING FITS FREELY .303 MIN.
2. MANUFACTURE IN ACCORDANCE WITH MIL-S-13572, TYPE I, GRADE A, EXCEPT THAT PARA 4.4.4.1 (PROCEDURE FOR REMOVING SET) SHALL NOT APPLY. PARA 4.4.4 (LOAD TEST) SHALL APPLY AFTER SPRING HAS BEEN COMPRESSED SOLID FIVE (5) TIMES.

3. HEAT TREATMENT: STRESS RELIEVE AT 435° ± 10° F. FOR 30 MIN, AFTER COILING.
4. FINAL PROTECTIVE FINISH: FINISH 3.3.1 OF MIL-STD-171 WITH MIL-L-3150 SUPPLEMENTARY OIL TREATMENT.
5. ALL SPRINGS SHALL BE COMPRESSED SOLID FIVE (5) TIMES.



F	F12007400	GUN, ACFT,	G
	A12002949	CAL .50,	
	A12002950	GAU-10/A	
DI	A12002952		EI
	F12002953	MG CAL. 50	
	F8447956	XM218, XM213	

MECHANICAL PROPERTIES		F11691500	MG CAL .50
YP			
TS		F7265646	M2HB FLEX,
EL 2		F7265637	FXD, TT, M3
RA		F7265636	AC BASIC
BH		NEXT ASSY	USED ON
RH		APPLICATION	
		APPLY PART NO.:-	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
TOLERANCES ON FRACTIONS ±	DECIMALS ± ANGLES ±
MATERIAL WIRE, MUSIC, STEEL, ASTM A228	
HEAT TREATMENT SEE NOTE 3	
FINAL PROTECTIVE FINISH SEE NOTE 4	

ORIGINAL DATE OF DRAWING 26 MAR 45	
DRAFTSMAN RZE	CHECKER EK
TRACER RZE	CHECKER EK
ENGINEER	ENGINEER Ch. Buckingham
SUBMITTED R. C. Sullivan	
APPROVED J. A. Lukkonen	

CURRENT DESIGN ACTIVITY CAGE CODE 19205
U.S. ARMY
ARMAMENT RESEARCH, DEVELOPMENT AND ENGINEERING CENTER
PICATINNY ARSENAL, NEW JERSEY 07806-3000

PART NO. 7313068

SPRINGFIELD ARMORY, SPRINGFIELD, MA			
SPRING, HELICAL COMPRESSION			
DWG SIZE B	CODE IDENT NO. 19205	7313068	
SCALE NONE	UNIT WT	SHEET	OF

L	ERRZ9Z21 27AC (ECPG7S2011/870413) (ECPW6S2003/860410)	891215	ORF W. M.
M	ERR Z9Z1309H (ECP GOS2044, 91-01-04)	91-04-08	

REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED
C	REDRAWN WITH CHANGE SEE EO SA 29355	17 FEB 67	M. Sullivan
D	(1-) SEE EO HQRD 00175	4 AUG 70	M. Sullivan
E	(1) SEE ERR HQR 20008-1	14 JAN 72	G. F. B. B.
F	(1) SEE ERR HQR 30677	29 MAY 73	U. F. B. B.
G	SEE ERR HQR 40639	18 FEB 75	D. J. B. B.
H	(2) SEE ERR HQR 50655	1 OCT 75	D. J. B. B.
J	NOR W9S3009 79-03-16	79-11-01	R. Hall
K	NOR W5S2115/860214	860711	R. Hall

WIRE DIAMETER----- .080
COIL DIAMETER (O.D.)----- .300-.010
FREE LENGTH----- .888 REF
TOTAL COILS----- 8.5 REF
DIRECTION OF HELIX----- RH OR LH
LOAD AT COMPRESSED LENGTH OF .770 ----- 93.2 LB ± 9.3 LB
LOAD AT COMPRESSED LENGTH OF .735 ----- 120.9 LB ± 12.1 LB
SPRING RATE----- 790 LB/IN REF
SOLID LENGTH----- .700 MAX
TYPE OF ENDS----- OPEN ENDS GROUND