

RESEARCH & DEV. DEPT.		
DATE	DESIGNED BY	REFERENCE
22	JAN-1935	
HEAVY COMP		
DATE	CHK. BY	APP. BY
REVISION RECORD		
PART USE	QUAN.	SEE
HEAVY SPRING		
HEAVY SPRING		
HEAVY SPRING		
HEAVY SPRING		
HEAVY SPRING COE TRIGGER		
HEAVY SPRING		
MAGAZINE FOLLOWER		
PLUNGER SPRING		

THIS DRAWING OR INFORMATION IS
PROPRIETARY INFORMATION TO THE
REMINGTON ARMS COMPANY, INC.

RECOMMENDED MATL. & HEAT TREAT
Material
Heat Treat
Approval (By Date)

INSPECTION

1. To work freely in .15 dia. hole
2. To work freely on 7 dia. pin
3. Load 6.20 to 6.8 lb. at 3.30 length (with set removed)
4. Solid Height 3.03 max.
5. Free Length 4.60 min.
6. Ends SG + GR
7. Wind A H
8. Remove set file
(No [except for inspection])

MANUFACTURE

9. Wire dia. .026
10. Outside dia. .146
11. Free Length .485 (with set removed)
12. Coils 9.6 Active 11.6 Total

DESIGN DATA

13. Rate 41.14 lb./in.
14. Solid Stress 179,684 lb./sq. in.
15. Solid Load 7.48 lb.
16. Spring Index 4.62
17. Torsional Mod. $G = 11.5 \times 10^6$ lb./sq. in.
18. Concentric Corr. 1.341

This Spring must meet the requirements in the "Inspection" section. Figures given in the "Manufacture" section indicate the preferred Spring, but the Manufacturer may deviate from these at his own discretion. Figures in the "Design Data" section are based on those in the "Manufacture" section.

DATE	USE	12316	7/2
22	7/2	11667	7/2
22	7/2	8445	7/2
21	7/2		7/2
20	7/2	5179	7/2
DATE	BY	DATE	BY

ALTERATIONS

A1704