

NUMBER A-		REMINGTON ARMS CO. INC. RESEARCH & DEV. DEPT.	
SCALE <u> </u>		SUPERSEDES-REFERENCE <u> </u>	
TITLE SPRING, BOLT LOCK			
DES. BY DATE	DRN. BY DATE	CHK. BY DATE	APP. BY DATE
FOR DETAILS, SEE PROCESS RECORD			
MODEL	PART USE	QUAN.	SEE
MBAR	BOLT LOCK	1	

RECOMMENDED MATL. & HEAT TREAT
 Material MUSIC WIRE
 Heat Treat STRESS RELIEVE
 Approval (By Date)

INSPECTION

1. To work freely in .077 dia. hole
2. To work freely on .039 dia. pin
3. Load .04 to .09 lb. at .236 length (~~with set removed~~)
4. Solid Height .064 max.
5. Free Length .270 min.
6. Ends PLAIN
7. Wind OPT. ~~#~~
8. Remove set (~~Yes~~)
(No [except for inspection])

MANUFACTURE

9. Wire dia. .008
10. Outside dia. .075
11. Free Length .270 (with set removed)
12. Coils 7 Active 7 Total

DESIGN DATA

13. Rate 2.79 lb./in.
14. Solid Stress 225,601 lb./sq. in.
15. Solid Load lb.
16. Spring Index 8.37
17. Torsional Mod. G = lb./sq. in.
18. Concentric Corr.

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.

ALT.	WAS	REFERENCE	BY	DATE
ALTERATIONS				

TFA-3 REV 2

HNS 10 1983-