

NUMBER A-Exp-1410		REMINGTON ARMS CO. INC. RESEARCH & DEV. DEPT.	
SCALE		SUPERSEDED-REFERENCE	
TITLE SPRING, TRIGGER			
DES. BY DATE SMITH 5-1-85	DRN. BY DATE	CHK. BY DATE	APP. BY DATE
FOR DETAILS, SEE PROCESS RECORD			
MODEL	PART USE	QUAN.	SEE
NBAR	TRIGGER SPRING		

RECOMMENDED MATL. & HEAT TREAT
 Material MUSIC LIKE - RING
 Heat Treat
 Approval (By Date)

INSPECTION

1. To work freely in .112 dia. hole
2. To work freely on dia. pin
3. Load 2.63 to 3.02 lb. at .545 length (with set removed)
4. Solid Height .446 max.
5. Free Length .620 min.
6. Ends PLAIN
7. Wind R. H.
8. Remove set (Yes)
(No except for inspection)

MANUFACTURE

9. Wire dia. .022
10. Outside dia. .109
11. Free Length .650 (with set removed)
12. Coils 19 Active 19 Total

DESIGN DATA

13. Rate 26.91 lb./in.
14. Solid Stress 165157 lb./sq. in.
15. Solid Load 5.65 lb.
16. Spring Index 3.95
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				

TPA-3 REV. 2

N.B.S. 10 HES-