

SK- **A-3632**

NUMBER		REMINGTON ARMS CO. INC.	
		RESEARCH & DEV. DEPT.	
SCALE	SUPERSEDES-REFERENCE		
TITLE SPRING, HELICAL COMPRESSION			
DES. BY DATE	DRN. BY DATE	CHK. BY DATE	APP. BY DATE
	EB 11/21/80	SA 12/3/85	
FOR DETAILS, SEE PROCESS RECORD			
MODEL	PART USE	QUAN.	SEE
M 200	TRIG. BLK'K FLINGER SPR.		

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

INSPECTION

1. To work freely in .133 dia. hole
2. To work freely on .086 dia. pin
3. Load 0.3 to 0.4 lb. at .185 length (with set removed)
4. Solid Height .092 max.
5. Free Length .195 min.
6. Ends SQUARED & GROUND (No [except for inspection])
7. Wind R H
8. Remove set Yes

MANUFACTURE

9. Wire dia. .015
10. Outside dia. .125
11. Free Length .210 (with set removed)
12. Coils 4 Active 6 Total

DESIGN DATA

13. Rate 13.67 lb./in.
14. Solid Stress 161,000 lb./sq. in.
15. Solid Load 1.6 lb.
16. Spring Index 7.33
17. Torsional Mod. $G = \frac{11.5 \times 10^6}{\text{lb./sq. in.}}$
18. Concentric Corr. 1.202

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

TFA-3 REV 2 ALTERATIONS