

NUMBER A-17970		REMINGTON ARMS CO. INC. RESEARCH & DEV. DEPT.	
SCALE		SUPERSEDES-REFERENCE	
TITLE SPRING, HELICAL, COMPRESSION			
DES. BY DATE REED	ORN. BY DATE 10-5-62	CHK. BY DATE 11-2-62	APP. BY DATE 11-16-62
FOR DETAILS, SEE PROCESS RECORD			
MODEL	PART USE	QUAN.	SEE
721	TRIGGER SPRING		0-22010
722	TRIGGER SPRING		0-22010
725	TRIGGER SPRING		0-22010
600	TRIGGER SPRING		P.L.

SUPERSEDED
SEE **fw 14** DATED **10-11-66**

STRESS RELIEVE AND HEAT TREAT

MUSIC WIRE
STRESS RELIEVE

- NOTES**
- To work freely in .100 dia. hole
 - To work freely on .100 dia. pin.
 - Load 6.2 @ 7.6 lb. at .177 length (with set removed)
 - Solid Height .140 max. 7. Ind P H
 - Free Length .220 min. 8. Remove set, Yes
 - Ends SQUARED & GROUNDED
 - Approximate length limits between 1/4 inch at constant load in 1 and nearest 1/4 in. Load 6 lbs. 10.5 sec. at 1.68 in. length

MANUFACTURE

- Wire dia. .020
- Outside dia. .167
- Free Length .24 WITH SET REMOVED
- Coils 3 Active 5

DESIGN DATA

- Rate 109.6 lb./in.
- Spring Index 5
- Solid Stress 24,700 lb./sq.in.
- Torsional Mod. 11.5 x 10⁶
- Solid Load 10.96 lb.
- Concentric Carr 11 DIRECT

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

13	8.4	5666	191	4-27-62
18	5.4	5666	191	4-27-62
11	8.5-10.5-62	4554	8R	10-5-62
ALT.	WAS	REFERENCE	BY	DATE
TFA-3 REV. 1				

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