

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. BLOCK PLUNGER SPR.		

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

## INSPECTION

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

## MANUFACTURE

- Wire dia. .015
- Free Length .210 (with set removed)
- Outside dia. .125
- Coils 4 Active 6 Total

## DESIGN DATA

- Rate 13.67 lb./in.
- Spring Index 7.33
- Solid Stress 161,000 lb./sq. in.
- Torsional Mod.  $G = \frac{11.5 \times 10^6}{\text{lb./sq. in.}}$
- Solid Load 1.6 lb.
- 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				

HNS 18 1983

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