

SK A-379Z

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NUMBER		REMINGTON ARMS CO. INC.	
		RESEARCH & DEV. DEPT.	
SCALE	SUPERSEDES-REFERENCE		
TITLE SPRING, COMPRESSION (HEAVY)			
DES. BY DATE F. MARTIN	DRN. BY DATE	CHK. BY DATE	APP. BY DATE
FOR DETAILS, SEE PROCESS RECORD			
MODEL	PART USE	QUAN.	SEE
	Root Gen Cam Springs		

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

INSPECTION

- To work freely in .260 dia. hole
- To work freely on .220 dia. pin
- Load 1.20 to 1.63 lb. at .075 length (with set removed)
- Solid Height .055 max.
- Free Length .285 min.
- Ends PLAIN
- Wind OPF H
- Remove set Yes
(No [except for inspection])

MANUFACTURE

- Wire dia. .018
- Free Length 300 (with set removed)
- Outside dia. .247
- Coils 2 Active 2 Total

DESIGN DATA

- Rate 6.28 lb./in.
- Spring Index 12.72
- Solid Stress 352,729 lb./sq. in.
- Torsional Mod. $G = 11.5 \times 10^6$ lb./sq. in.
- Solid Load 1.55 lb.
- Concentric Corr. 1.11

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

HM 5 19 1153

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