

NUMBER A-17047		REMINGTON ARMS CO. INC. RESEARCH & DEV. DEPT.	
SCALE 1"=1"		SUPERSEDES-REFERENCE SM-A-1950	
TITLE SPRING, HELICAL COMP			
DES. BY DATE	DRN. BY DATE	CHK. BY DATE	APP. BY DATE
	1-6 6/13/69		
FOR DETAILS, SEE PROCESS RECORD			
MODEL	PART USE	QUAN.	SEE
700	SEAR SPRING		
400B	SEAR SPRING		
400CF	SEAR SPRING		
660	SEAR SPRING		
400B-11K	SEAR SPRING COZ TRIGGER		
22	REWORK 600	SEAR SPRING	

RECOMMENDED MATL. & HEAT TREAT
 Material
 Heat Treat
 Approval (By Date)

INSPECTION

- To work freely in .151 dia. hole
 - To work freely on — dia. pin
 - Load 6.2 to 6.5 lb. at 330 length (with set removed)
 - Solid Height 303 max.
 - Free Length 460 min.
 - Ends SC + SK
 - Wind B H
 - Remove set Yes
- (No [except for inspection])

MANUFACTURE

- Wire dia. .026
- Outside dia. .146
- Free Length 485 (with set removed)
- Coils 9.6 Active 11.6 Total

DESIGN DATA

- Rate 41.4 lb./in.
- Solid Stress 174,000 lb./sq. in.
- Solid Load 7.48 lb.
- Spring Index 1.62
- Torsional Mod. $G = 11.5 \times 10^6$ lb./sq. in.
- Concentric Corr. 1.341

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.

22	ADD MOHAWK USE 600	8445	KE	9-11-70
21	1753		JK	1/6/70
20	REVISED REDRAWN	8179	JK	10/31/69
ALL	WAS	REFERENCE	BY	DATE

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