

NUMBER A-17047		REMINGTON ARMS CO. INC. RESEARCH & DEV. DEPT.	
SCALE 1"=1"	SUPERSEDES-REFERENCE SMH-1950		
TITLE SPRING, HELICAL COMP			
DES. BY DATE	DRN. BY DATE 1-8-61/13/69	CHK. BY DATE	APP. BY DATE
FOR DETAILS, SEE PROCESS RECORD			
MODEL	PART USE	QUAN.	SEE
700	SEAR SPRING		
401B	SEAR SPRING		
401CF	SEAR SPRING		
660	SEAR SPRING		
401B-11R	SEAR SPRING COZ TRIGGER		
22 MODAW 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 R 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 174,600 lb./sq. in.
- Solid Load 7.48 lb.
- Spring Index 4.62
- 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 MODAWK USE 600	8445	KC	9-11-70
21	0.153		JK	1/8/70
20	REVISED REDRAWN	8179	JK	10/31/69
ALL	WAS	REFERENCE	BY	DATE

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