

NUMBER A-17047		REMINGTON ARMS CO. INC. RESEARCH & DEV. DEPT.	
SCALE 2-1/2		SUPERSEDES REFERENCE SA-A-1250	
TITLE SPRING, HELICAL COMP.			
DES. BY DATE JWB 6/19/69	DRN. BY DATE	CHK. BY DATE	APP. BY DATE
FOR DETAILS SEE PROCESS RECORD			
MODEL	PART USE	QUAN.	SEE
720	SEAR SPRING		
720B	SEAR SPRING		
720CF	SEAR SPRING		
660	SEAR SPRING		
720B-11R	SEAR SPRING FOR TRIGGER		
720B-11R	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 6.0 to 6.8 at 3.30 length (with set removed)
- Solid Height 3.03 max. 7. Wind R H
- Free Length 4.60 min. 8. Remove set Yes
(No [except for inspection])
- Ends SQ + GR

MANUFACTURE

- Wire dia. .026
- Free Length 4.85 (with set removed)
- Outside dia. .146
- Coils 9.6 Active 11.6 Total

DESIGN DATA

- Rate 4.14 lb./in.
- Spring Index 4.62
- Solid Stress 174,684 lb./sq. in.
- Torsional Mod. $G = 11.5 \times 10^6$ lb./sq. in.
- Solid Load 7.48 lb.
- 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	WOODCHAWK USE 660	8445	RC	9-11-70
21	.153		JK	1/8/70
20	REVISED REFERENCE	8179	JK	10/31/69
ALT.	WAS	REFERENCE	BY	DATE
17A-3 REV 2 ALTERATIONS				

A1704

NUMBER A-17047		REMINGTON ARMS CO. INC. RESEARCH & DEV. DEPT.	
SCALE 1/2"	SUPERSEDES-REFERENCE SKA-1950		
TITLE SPRING, HELICAL COMP.			
DES. BY DATE	ORN. BY DATE	CHK. BY DATE	APP. BY DATE
	14 B 6/19/69		
FOR DETAILS, SEE PROCESS RECORD			
MODEL	PART USE	QUAN.	SEE
700	SEAR SPRING		
400	SEAR SPRING		
400	SEAR SPRING		
600	SEAR SPRING		
400	SEAR SPRING FOR TRIGGER		
600	SEAR SPRING		

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

(21)
INSPECTION

- To work freely in .151 dia. hole
- To work freely on — dia. pin
- Load 6.2 to 6.8 lb. at 3.30 length (with set removed)
- Solid Height 3.23 max.
- Free Length 4.63 min.
- Ends SQT SM
- Wind R H
- Remove set 6.8
(No [except for inspection])

MANUFACTURE

- Wire dia. .026
- Outside dia. .146
- Free Length 4.85 (with set removed)
- Coils 9.6 Active 11.6 Total

DESIGN DATA

- Rate 41.14 lb./in.
- Solid Stress 174,084 lb./sq. in.
- Solid Load 7.46 lb.
- Spring Index 1.62
- Torsional Mod. G=11.5x10⁶ lb./sq. in.
- Concentric Corr. 1.391

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	1.153		JK	1/8/70
20	REVISAL REORDEN	8119	JK	11.31.69
ALT.	WAS	REFERENCE	BY	DATE
TFA 3 REV 24 ALTERATIONS				

A17047