

NUMBER A-17047		REMINGTON ARMS CO. INC. RESEARCH & DEV. DEPT.	
SCALE 7-2		SUPERSEDES REFERENCE 5A-A-1250	
TITLE SPRING, HELICAL COMP.			
DES. BY DATE	DRN. BY DATE	CHK. BY DATE	APP. BY DATE
	W B 6/19/69		
FOR DETAILS SEE PROCESS RECORD			
MODEL	PART USE	QUAN.	SEE
700	SEAR SPRING		
708	SEAR SPRING		
709	SEAR SPRING		
660	SEAR SPRING		
708-11R	SEAR SPRING COB TRIGGER		
708-11R	SEAR SPRING		

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

INSPECTION

1. To work freely in .151 dia. hole
2. To work freely on — dia. pin
3. Load 6.0 to 6.8 at 3.30 length (with set removed)
4. Solid Height 3.03 max.
5. Free Length 4.60 min.
6. Ends SQ + GR
7. Wind R H
8. Remove set Yes
(No [except for inspection])

MANUFACTURE

9. Wire dia. .026
10. Outside dia. .146
11. Free Length 4.85 (with set removed)
12. Coils 9.6 Active 11.6 Total

DESIGN DATA

13. Rate 4.14 lb./in.
14. Solid Stress 174,684 lb./sq. in.
15. Solid Load 7.48 lb.
16. Spring Index 4.62
17. Torsional Mod. $G = 11.5 \times 10^6$ lb./sq. in.
18. 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	MODIFIED USE 660	8445	RC	9-11-70
21	.153		JK	1/8/70
20	REVISED REF. 14	3179	JK	10/31/69
ALT.	WAS	REFERENCE	BY	DATE
11A-3 REV 2 ALTERATIONS				

A1704

NUMBER A-17047		REMINGTON ARMS CO. INC. RESEARCH & DEV. DEPT.	
SCALE -P.L.	SUPERSEDES-REFERENCE SKA-1950		
TITLE SPRING, HELICAL COMP.			
DES. BY DATE	ORN. BY DATE	CHK. BY DATE	APP. BY DATE
	14 D 6/19/69		
FOR DETAILS, SEE PROCESS RECORD			
MODEL	PART USE	QUAN.	SEE
700	SEAR SPRING		
400	SEAR SPRING		
400F	SEAR SPRING		
600	SEAR SPRING		
400HFK	SEAR SPRING FOR TRIGGER		
400HFK	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 .330 length (with set removed)
- Solid Height .323 max.
- Free Length .463 min.
- Ends SQ + SM
- Wind R H
- Remove set 6.8
(No [except for inspection])

MANUFACTURE

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

DESIGN DATA

- Rate 41.14 lb./in.
- Spring Index 1.62
- Solid Stress 174,084 lb./sq. in.
- Torsional Mod. $G = 11.5 \times 10^6$ lb./sq. in.
- Solid Load 7.46 lb.
- 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	AUDITION HAWK USE 600	8445	RCC	9-11-70
21	1.153		JK	1/8/70
20	REPAIR ORDER 8119	JK		11.31.69
ALT.	WAS	REFERENCE BY	DATE	
TFA 3 REV 24 ALTERATIONS				

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