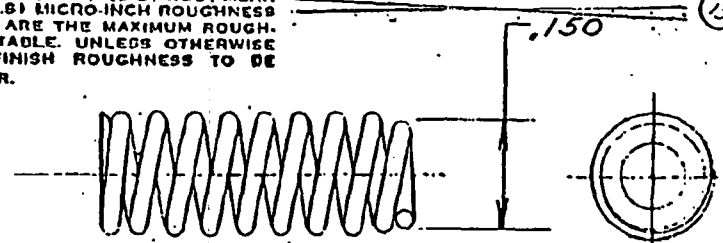


NUMBER A-17047		REMINGTON ARMS CO. INC. RESEARCH & DEV. DEPT.	
SCALE 5:1	SUPERSEDES A-17047 6-26-46		
TITLE SPRING, HELICAL COMP.			
DES. BY DATE Re 5-20-51	DRN. BY DATE Re 5-1/2-51	CHK. BY DATE VL 7-28-51	APP. BY DATE
FOR DETAILS SEE PROCESS RECORD			
MODEL	PART USE	QUAN.	SEE
721	SEAR SPRING		17036Y
CO-X	"		22566
722	"		17036Y
725	"		
1FR	"		40-266
4-XCP	"	1	PL
1FR	2CL. TRIG "	1	PL
72102	SEAR SPRING	1	4445
7-80L	"	1	4445
600	"	1	
40X-B	"	1	4445
30-25	SEAR SPRING	1	4445
72101	SEAR SPRING	1	PL
660	SEAR SPRING	1	

19	ADDED 660	6666	JF	10/1/46
18	ADDED USE	4479	DD	3-14-46
17	214 25 40X-B	5129	1-15-45	
16	ADDED 12-13	4499	PJ	7/1/42
15	700 ADL	4445	1-10-41	
14	700 A	"	"	
13	700 A	4269	5-20-41	
12	ADDED 700 A	4217	5-17-41	
11	ADDED	3908	8-2-40	
10	ADDED 40X C.F.	3991	7-5-40	
9	ADDED	4399	10-30-39	
8	REDN. F@ADDED	Re 5	7-28-51	

ALT.	WAS	REFERENCE BY	DATE
ALTERATIONS			

DO NOT SCALE THIS DRAWING; WORK TO FIGURES
UNLESS OTHERWISE NOTED. TOLERANCES
ON DECIMAL DIMENSIONS ARE $\pm .000$
& ON FRACTIONAL DIMENSIONS $\pm .004$
& ON ANGULAR DIMENSIONS $\pm 00^{\circ}30'$
FINISHES ARE DESIGNATED BY ROOT MEAN
SQUARE (R.M.S.) MICRO-INCH ROUGHNESS
VALUES AND ARE THE MAXIMUM ROUGH-
NESS ACCEPTABLE. UNLESS OTHERWISE
SPECIFIED. FINISH ROUGHNESS TO BE
125 OR BETTER.



FOR DIMENSIONS NOT SHOWN,
SEE BELOW

- To work freely in .174 dia. hole
- To work freely on .108 dia. pin (UNCLOSED END)
- Lead 6.9 to 8.3 1b. at .30 length (with set removed)
- Set Height .280 max. 7. Find R H
- Lead Length .460 1b.
- Remove set (No except for inspection)
- BOTH ENDS SQUARED, ONE END GROUND
- Approximate length 11.1 in. with incl. of constant lead in its. and nearest 1/16 in. 7 1b. 9.5 1b. 9/32 to 3/16 in. length

MANUFACTURE

- Wire dia. .028
- Outside .167

TESTING DATA

- Force 41.2 lb./in.
- Coil strength 160,000 lb./sq. in.
- Coil Load 9.7 lb.

- Free length .48 SET REMOVED
- Coil 8 Active 9 1b.

- Spring Index 5
- Lead length 11.5 to 12 in. 1b.
- Concentricity 1.1 DIRECT SHEAR

This Spring must meet the requirements in the "Inspection" section. If 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.

A-17047