

NUMBER A-18499X		THE REMINGTON ARMS CO. INC. TECHNICAL DEPT. ARMS DIV. SCALE REFERENCE		DO NOT SCALE THIS DRAWING WORK TO FIGURES	
TITLE SPRING, HELICAL COMPRESSION					
DES. BY DATE LOB 01/19/42		CHKD BY DATE WES 01/19/42		REVISED IN DRAWING NO	
MATERIAL MUSIC WIRE		HEAT TREATMENT STRESS REL.		SURFACE TREATMENT ALL WITH OIL	
FOR DETAILS, SEE PROCESS RECORD					
MODEL 721	PART USE TRIGGER SPRING	QUAN. 1	LIST BY WES	SPEC 1001	
MANUFACTURER W2 COMPANY INC.					
THIS DESIGN AND DRAWING ARE THE PROPERTY OF					
INSPECTION 1. To work freely in <u>.174</u> dia. hole 2. To work freely on <u>.108</u> dia. pin 3. Load to <u> </u> lb. at <u> </u> length (with set removed) 4. Solid Height <u> </u> max. 5. Free Length <u> </u> min. 6. Ends SQUARE AND GROUND 7. Wind <u>R</u> <u>H</u> 8. Remove set <u>Yes</u> <u>No</u> (except for inspection) (*) Approximate length limits to nearest 64th inch at constant load in lbs. and nearest 1/4 os. Load <u> </u> lbs. <u> </u> os. at <u> </u> to <u> </u> in. length MANUFACTURE 9. Wire dia. <u>.028</u> 10. Outside dia. <u>.167</u> 11. Free Length <u>.220</u> 12. Coils <u>2 1/2</u> Active <u>1 1/2</u> Total DESIGN DATA 13. Rate <u> </u> lb./in. 14. Solid Stress <u> </u> lb./sq.in. 15. Solid Load <u> </u> lb. 16. Spring Index <u> </u> 17. Torsional Mod. G = <u> </u> lb./sq.in. 18. Concentr. Corr. <u> </u> 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.					
LY. WAS REDESIGNED BY DATE ALTERATIONS					

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