

NUMBER 717019		REMINGTON ARMS CO. INC. RESEARCH & DEV. DEPT.	
SCALE		SUPERSEDED REFERENCE	
TITLE SPRING, HELICAL COMP.			
DES. BY DATE 4-3-62	DRN. BY DATE 4-3-62	CHK. BY DATE 4-11-62	APP. BY DATE 4-11-62
FOR DETAILS, SEE PROCESS RECORD			

MODEL	PART USE	QUAN.	SEE
721	EJECTOR SPRING		P.L.
722	EJECTOR SPRING		P.L.
725	EJECTOR SPRING		P.L.
760	EJECTOR SPG.-222 REM.		P.L.
7000	EJECTOR SPRING		P.L.
7050	EJECTOR SPRING		P.L.
7070	EJECTOR SPRING		P.L.
7080	EJECTOR SPRING		P.L.
7090	EJECTOR SPRING		P.L.
7100	EJECTOR SPRING		P.L.
7110	EJECTOR SPRING		P.L.
7120	EJECTOR SPRING		P.L.
7130	EJECTOR SPRING		P.L.
7140	EJECTOR SPRING		P.L.
7150	EJECTOR SPRING		P.L.
7160	EJECTOR SPRING		P.L.
7170	EJECTOR SPRING		P.L.
7180	EJECTOR SPRING		P.L.
7190	EJECTOR SPRING		P.L.
7200	EJECTOR SPRING		P.L.
7210	EJECTOR SPRING		P.L.
7220	EJECTOR SPRING		P.L.
7230	EJECTOR SPRING		P.L.
7240	EJECTOR SPRING		P.L.
7250	EJECTOR SPRING		P.L.
7260	EJECTOR SPRING		P.L.
7270	EJECTOR SPRING		P.L.
7280	EJECTOR SPRING		P.L.
7290	EJECTOR SPRING		P.L.
7300	EJECTOR SPRING		P.L.
7310	EJECTOR SPRING		P.L.
7320	EJECTOR SPRING		P.L.
7330	EJECTOR SPRING		P.L.
7340	EJECTOR SPRING		P.L.
7350	EJECTOR SPRING		P.L.
7360	EJECTOR SPRING		P.L.
7370	EJECTOR SPRING		P.L.
7380	EJECTOR SPRING		P.L.
7390	EJECTOR SPRING		P.L.
7400	EJECTOR SPRING		P.L.
7410	EJECTOR SPRING		P.L.
7420	EJECTOR SPRING		P.L.
7430	EJECTOR SPRING		P.L.
7440	EJECTOR SPRING		P.L.
7450	EJECTOR SPRING		P.L.
7460	EJECTOR SPRING		P.L.
7470	EJECTOR SPRING		P.L.
7480	EJECTOR SPRING		P.L.
7490	EJECTOR SPRING		P.L.
7500	EJECTOR SPRING		P.L.
7510	EJECTOR SPRING		P.L.
7520	EJECTOR SPRING		P.L.
7530	EJECTOR SPRING		P.L.
7540	EJECTOR SPRING		P.L.
7550	EJECTOR SPRING		P.L.
7560	EJECTOR SPRING		P.L.
7570	EJECTOR SPRING		P.L.
7580	EJECTOR SPRING		P.L.
7590	EJECTOR SPRING		P.L.
7600	EJECTOR SPRING		P.L.
7610	EJECTOR SPRING		P.L.
7620	EJECTOR SPRING		P.L.
7630	EJECTOR SPRING		P.L.
7640	EJECTOR SPRING		P.L.
7650	EJECTOR SPRING		P.L.
7660	EJECTOR SPRING		P.L.
7670	EJECTOR SPRING		P.L.
7680	EJECTOR SPRING		P.L.
7690	EJECTOR SPRING		P.L.
7700	EJECTOR SPRING		P.L.
7710	EJECTOR SPRING		P.L.
7720	EJECTOR SPRING		P.L.
7730	EJECTOR SPRING		P.L.
7740	EJECTOR SPRING		P.L.
7750	EJECTOR SPRING		P.L.
7760	EJECTOR SPRING		P.L.
7770	EJECTOR SPRING		P.L.
7780	EJECTOR SPRING		P.L.
7790	EJECTOR SPRING		P.L.
7800	EJECTOR SPRING		P.L.
7810	EJECTOR SPRING		P.L.
7820	EJECTOR SPRING		P.L.
7830	EJECTOR SPRING		P.L.
7840	EJECTOR SPRING		P.L.
7850	EJECTOR SPRING		P.L.
7860	EJECTOR SPRING		P.L.
7870	EJECTOR SPRING		P.L.
7880	EJECTOR SPRING		P.L.
7890	EJECTOR SPRING		P.L.
7900	EJECTOR SPRING		P.L.
7910	EJECTOR SPRING		P.L.
7920	EJECTOR SPRING		P.L.
7930	EJECTOR SPRING		P.L.
7940	EJECTOR SPRING		P.L.
7950	EJECTOR SPRING		P.L.
7960	EJECTOR SPRING		P.L.
7970	EJECTOR SPRING		P.L.
7980	EJECTOR SPRING		P.L.
7990	EJECTOR SPRING		P.L.
8000	EJECTOR SPRING		P.L.

ALT.	WAS	REFERENCE	BY	DATE
31	ADD USE 7LWT	11667	DEC	12/6/60
30	ADD MANAWK USE 600	8440	DEC	1-9-70
29	REMOVED 760 223 CALIBER	7198	JX	5/2/68
28	ADD USE 660	6658	GP	9/4/66
27	ADDED USE	6479	DD	3-14-66
26	ADDED 223	5387	H	11-1-63
25	RED-PALM	4793	HR	6-11-62

DO NOT SCALE THIS DRAWING. WORK TO FIGURES. UNLESS OTHERWISE NOTED, TOLERANCES ON DECIMAL DIMENSIONS ARE $\pm .005$ & ON FRACTIONAL DIMENSIONS $\pm \frac{1}{64}$ & ON ANGULAR DIMENSIONS $\pm .00 \pm .30$. FINISHES ARE DESIGNATED BY ROOT MEAN SQUARE (R.M.S.) MICRO-INCH ROUGHNESS VALUES AND ARE THE MAXIMUM ROUGHNESS ACCEPTABLE. UNLESS OTHERWISE SPECIFIED, FINISH ROUGHNESS TO BE $\frac{1}{32}$ OR BETTER.

MUSIC WIRE
STRESS RELIEVE

THIS DRAWING OR INFORMATION IS PROPRIETARY INFORMATION TO THE REMINGTON ARMS COMPANY, ETC.

INSPECTION

- To work freely in .140 dia. hole
- To work freely on .075 dia. pin
- Load 7.5 to 8.8 lb. at .770 length (with set removed)
- Solid Height .690 max.
- Free Length 1.100 min.
- Ends SQUARED & GROUND
- Wind RIGHT
- Remove set (No except for inspection)

Approximate length limits to nearest 64th inch at constant load in lb. and nearest 1/4 oz. Load 8 lbs. 2.5 ozs. at 1/64 to 5/64 in. length

MANUFACTURE

- Wire dia. .026
- Outside dia. .134
- Free Length 1.150 WITH SET REMOVED
- Coils 24 Active 26

DESIGN DATA

- Rate 21.7 lb./in.
- Solid Stress 75,000 lb/sq.in.
- Solid Load 10.0 lb.
- Spring Index 4.15
- Torsional Mod. G=11.5x10⁶ lb/sq.in.
- Concentric Corr 1.12 DIRECT SHEAR

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.

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