

NUMBER A-EXP1419		REMINGTON ARMS CO. INC. RESEARCH & DEV. DEPT.	
SCALE		SUPERSEDED-REFERENCE	
TITLE SPRING, BOLT STOP			
DES. BY DATE SMITH 5-6-85	DRN. BY DATE SMITH 5-6-85	CHK. BY DATE M18-3-85	APP. BY DATE
FOR DETAILS, SEE PROCESS RECORD			
MODEL	PART USE	QUAN.	SEE
WEAK	BOLT STOP SPRING		

RECOMMENDED MATL. & HEAT TREAT
 Material MUSIC LINE
 Heat Treat STRESS RELIEVE
 Approval (By Date) _____

INSPECTION

- To work freely in .092 dia. hole
- To work freely on dia. pin
- Load 1.46 to 1.78 lb. at .20 length (with set removed)
- Solid Height .186 max. 7. Wind R H
- Free Length .417 min. 8. Remove set (Yes)
- Ends SQUARED & GROUND (No [except for inspection])

MANUFACTURE

- Wire dia. .013
- Free Length .432 (with set removed)
- Outside dia. .089
- Coils 12 Active 14 Total

DESIGN DATA

- Rate 7.79 lb./in.
- Spring Index 1.26
- Solid Stress 2.16 x 10⁵ lb./sq. in.
- Torsional Mod. G = lb./sq. in.
- Solid Load 1.95 lb.
- Concentric Corr. _____

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.

ALT.	WAS	REFERENCE	BY	DATE
ALTERATIONS				

TFA-3 REV 1

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