

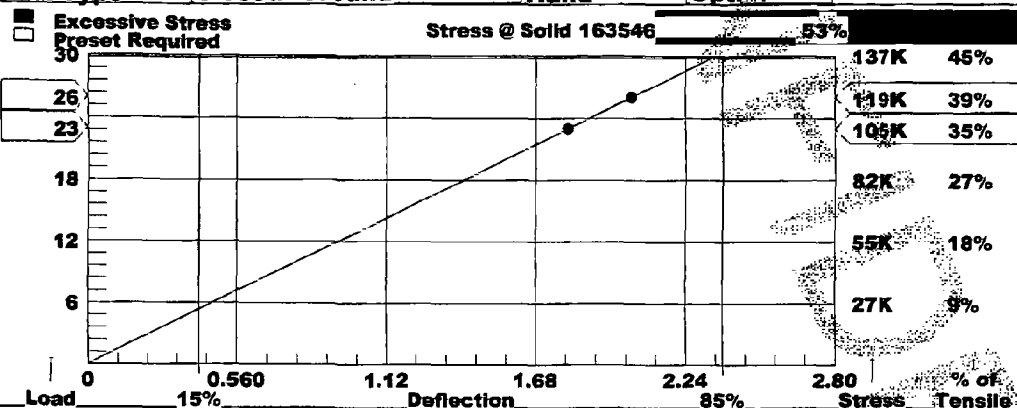
Spring Manufacturers Institute

2001 Midwest Road | Suite 106 | Oak Brook Illinois | 60523-1335



Part Number	300399	Phone (630) 495-8588	Fax (630) 495-8595	Date 07/2000
Designer	Keeney	Customer		
Load 1	23.000 +/-	Length 1	3.665	Works In 80%
Load 2	26.000 +/-	Length 2	3.430	Works Over 7.9%
Diameter	0.290 +/-	D Type	ID	Max Solid
Wire Dia.	0.0630			Dead Coils
Condition	no preset, no peen			
End Type	Closed -Ground	Hand	Opt.	

Material	Music Wire
Next Sm.	0.0540
Available	Yes
Next Lg.	0.0720
Tensile	302943
Units	English
Stress	Off
G Mod	11500000
E Mod	30000000
Density	0.285000
Spec.	ASTM A 228
APT	45

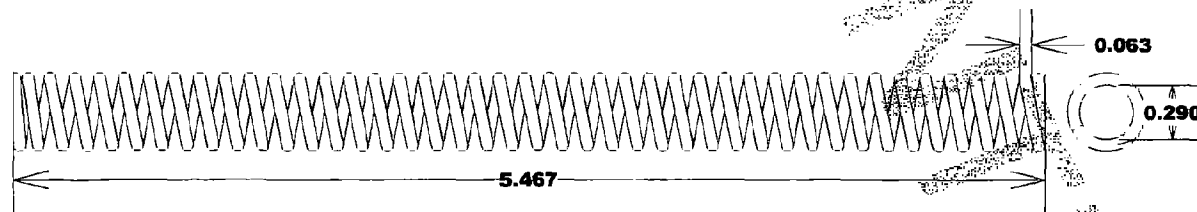


SpringRate	12.766	Pitch	0.132
Free Length	5.467	Pitch Angle	6.810
Solid Height	2.667	Wire Length	47.257
Active Coils	40.327	Weight	0.04198
Total Coils	42.327	(Length Tol)	
Min. ID	0.290	Nat. Freq.	173.851
Max. OD	0.416	Stress Ratio	0.885
MMC OD	0.418	Buckle @	4.809
Index	5.603	Corr Stress	118957

Spring Diagnostics

- Medium Service -
* Spring will Buckle

93.14 W O B S DELIVERED



Drawing Notes

Compression 2 Load

Confidential - SHARRET - 522P060608711ye Order

Williams V. Remington

ET35717

BARBER - 5.22.06r0008711