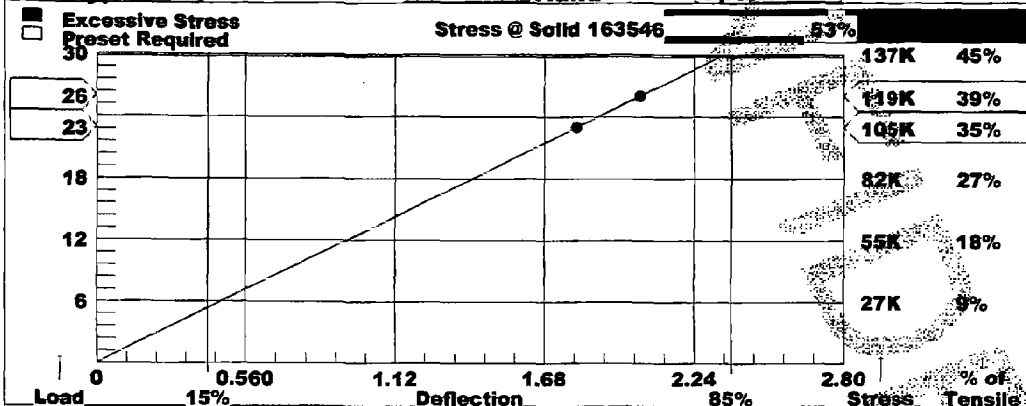


Spring Manufacturers Institute

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



Part Number	300399	Phone (630) 495-8588	Fax (630) 495-8595	Date	07/2000	Material	Music Wire
Designer	Keeney	Customer		Next Sm.	0.0540	Available	Yes
Load 1	23.000	Length 1	3.665	Works In	0.0720	Next Lg.	302943
Load 2	26.000	Length 2	3.430	Works Over	0.277	Stress: Off	
Diameter	0.290	D Type	ID	Max Solid		G Mod	11500000
Wire Dia.	0.0630			Dead Coils		E Mod	30000000
Condition	no preset, no peen					Density	0.285000
End Type	Closed -Ground	Hand	Opt.			Spec.	ASTM A 228
						APT	45

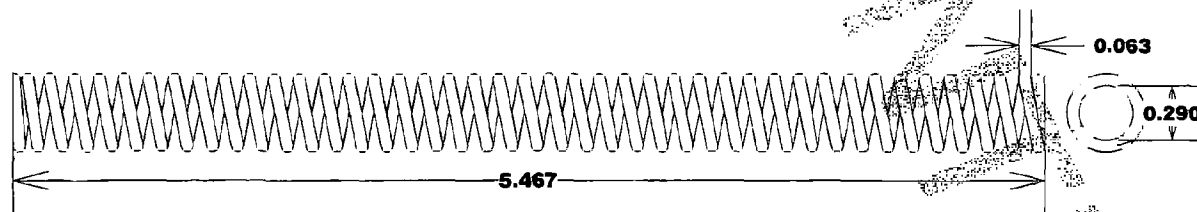


Spring Rate	12.766	Pitch	0.132
Free Length	5.467	Pitch Angle	6.810
Solid Height	2.667	Wire Length	47.257
Active Coils	40.327	Weight	0.04198
Total Coils	42.327	(Length Tol)	
Min. ID	0.290	Nat. Freq.	173.851
Max. OD	0.416	Stress Ratio	0.885
MMC OD	0.418	Buckle @	4.809
Index	5.603	Corr Stress	118957

Spring Diagnostics

- Medium Service -
* Spring will Buckle

9314 W 08S 2410000



Drawing Notes

Compression 2 Load

Confidential - Subject to Protective Order

Williams v. Remington

ET35717