

DFST-5270

DROSSBACH  
P/N 041607-ST10  
REV NONE

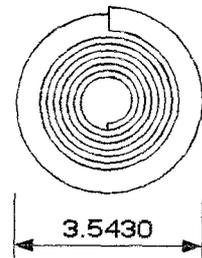
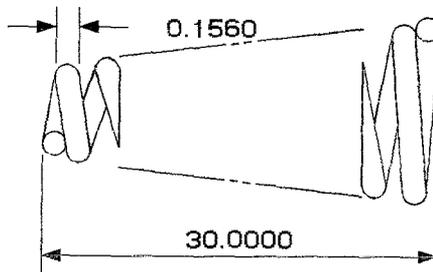
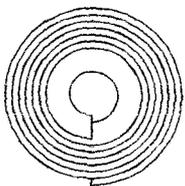
Compression Conical CENG Music Wire

Wire Dia (in)	0.1560	Mean Dia (in)	3.1300	Active Coils	36.9705
		MD Smal End (in)	2.8730	Total Coils	38.9705
		MD Lrge End (in)	3.3870		
Rate (#/in)	0.7510	Inside Dia (in)	2.7170	Pitch (in)	0.7988
Spring Index C	21.7115	Outside Dia (in)	3.5430	1/Pitch (per in)	1.2519
				Pitch Ang (deg)	4.6442
Fatigue (cycles)		Max O.D. (in)	3.5522	Devel Lngth (in)	383.2037
No Peen (cycles)		Solid Hgt (in)	6.2297	Weight (lbs)	2.0801

	Free	Point 1	Point 2	Solid
Load (lbs)				17.8506
Length (in)	30.0000			6.2297
Deflection (in)				23.7703
Defl, % of Max Defl				
UNK Stress (psi)				40554
UNK Stress % of MTS				16.2
CORR Stress (psi)				43171
CORR Stress % of MTS				17.2

NORMAL MANUFACTURING TOLERANCES: (All other dimensions ref. only)  
Coil Diameter: Consult your springmaker.  
Free Length: Consult your springmaker.

NOTES:  
OPTIONAL WIND  
PLAIN FINISH



Dimensions in inches  
Illustration Only - Not for manufacture - Not to scale

Analysis performed with the SMI SPRING DESIGNER, Ver. 2.1 on 04/17/07