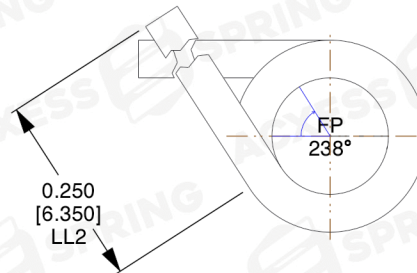
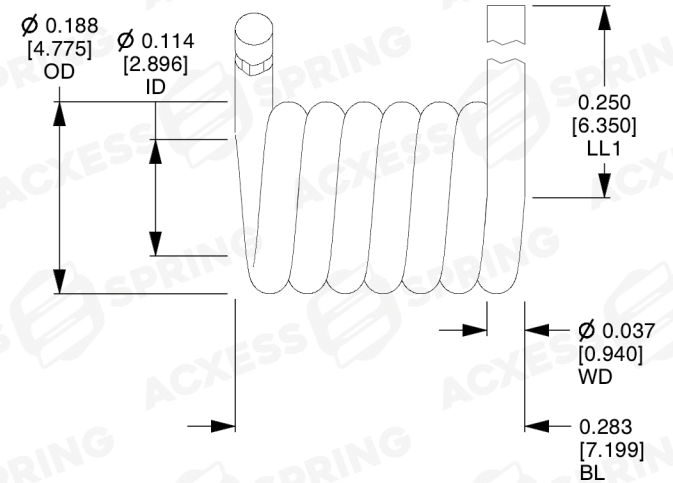
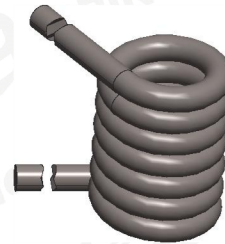


Part Name:	Date: 06/02/2026
Part #: in PT037-188-6660-MW-LH-0250-N-IN	
Spring Type: Torsion Spring	Material: Music Wire ASTM A228
Finish: None	Direction of Wind: Left Hand
Weight / M: 1.118 Lbs	Length of W: 3.659 in
Spring Index (I): 4.081	

Physical Dimensions	IN	MM	Tolerances (in)
Wire Diameter (WD)	0.037 in	[0.940 mm]	+/- 0.001
Outer Diameter (OD)	0.188 in	[4.775 mm]	+/- 0.005
Mean Diameter (MD)	0.151 in	[3.835 mm]	+/- 0.005
Inner Diameter (ID)	0.114 in	[2.896 mm]	+/- 0.005
Length Leg 1 (LL1)	0.250 in	[6.350] mm	+/- 0.030
Length Leg 2 (LL2)	0.250 in	[6.350] mm	+/- 0.030
Total Leg Length (TLL)	0.500 in	[12.700] mm	+/- 0.030
Total Coils (TC)	6.660	6.660	+/- 1/8 Coil
Body Length (BL)	0.283 in	[7.188 mm]	+/- 0.015
Free Position (FP)	237 Deg	237 Deg	
Rate per Degree	0.01416 in-lbs/Deg	1.600 N-mm/Deg	+/- 0.001
Max Torque	1.008 in-lbs	113.895 N-mm	+/- 0.101
Max Travel (MT)	71.202 Deg	71.202 Deg	
Material Shear Modulus (G)	11492970.929 PSI	79241245134.131 Pa	
Max Shear Stress Possible (t max)	10668.490 PSI	73556652.335 Pa	
Wahl Correction Factor	1.394	1.394	



Notes	Scale: 5.319	Revision #:	Drawn By:	Approved By:
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