



Technical Data Sheet

TYPE C1050 CARBON STRIP

Gibbs stocks C1050 high carbon spring steel in the annealed condition. An economical grade of spring steel often used where the part is hardened and tempered after forming. C1050 meets ASTM-A684 and is stocked in gauges ranging from .010" to .062".

Chemical Composition (ASTM-A684)	%	Thickness Tolerances < 6"	Tolerance (inch)
Carbon	0.48 to 0.55	.001 - .0099	+/- .0003
Manganese	0.60 to 0.90	.010 - .0149	+/- .0005
Phosphorus	0.030 max	.015 - .0199	+/- .0008
Sulfur	0.035 max	.020 - .0299	+/- .0010
Silicon	0.15 to 0.30	.030 - .0399	+/- .0012
		.040 - .0620	+/- .0014
Mechanical Properties			
Condition	Hardness		
Annealed	85 HRB Max		

Additional Information		
Width Tolerance	+/- .003	
Camber Tolerance	Up to and including 1.500" wide	.500" in 8 feet max
	Over 1.500" wide	.250" in 8 feet
Edges available	#3 Slit edge	
	#5 Deburred edge	
	#1 Round edge	

The above charts are intended to provide general background information. You should also review the appropriate material specification. Please contact Gibbs if you have any questions.