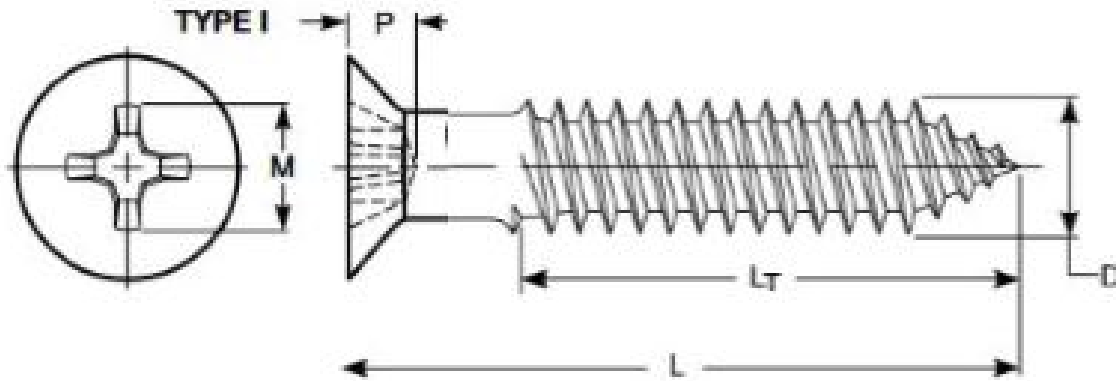


## 80°/82° - Flat Head - Type I (Phillips) - Wood Screw



THREAD DATA		
<b>Size:</b> #6	<b>Threads per in.:</b> 18	<b>Series Designation:</b> Single-Lead
<b>Thread Class or Type:</b> WSSL	<b>Major Diameter:</b> 0.142 - 0.131	<b>Minor Dia Max/Min.:</b> 0.091 Max.
<b>Standard:</b> ASME B18.6.1-2008	<b>Length:</b> 1	<b>Length Tolerance:</b> -0.05
DIMENSIONAL DATA		
<b>Type:</b> 80°/82° - Flat Head - Type I (Phillips) - Wood Screw	<b>Standard:</b> ASME B18.6.1 - 2008	<b>Nominal Diameter:</b> 0.138
<b>E - Body Diameter :</b> 0.118 - 0.107	<b>A - Head Diameter:</b> 0.279 - 0.244	<b>H - Head Height:</b> 0.083 Ref.
<b>Point Type:</b> Gimlet (sharp)	<b>Driver Size:</b> #2	<b>Penetration Depth:</b> 0.095 - 0.072
<b>M – Ref. Recess Dim.:</b> 0.174	<b>LG max./LB min.:</b> 2/3 Screw Length	
PHYSICAL REQUIREMENTS		
<b>Nominal:</b> 0.138	<b>Standard:</b> ASME B18.6.1 - Brass	<b>Typical Materials:</b> Brass
<b>Straightness Factor:</b> N/A		
FINISH DATA		
<b>Finish:</b> As received steel (RoHS Compliant)	<b>K factor (ref. DIN 946):</b> 0.18	

<sup>1</sup> These torque values are based on K factors determined using DIN 946, tightening tension of 75% of the yield strength, and the calculation formula  $T=KDP$ . These values are advisory only. The torque for assembling critical joints should be determined and/or verified through actual experimentation by the user. The IFI is not responsible for any losses or claims resulting from the use of these values. <sup>2</sup> Calculated Pretension is equal to 75% of the bolt's yield strength achieved when using the indicated Tightening Torque.

