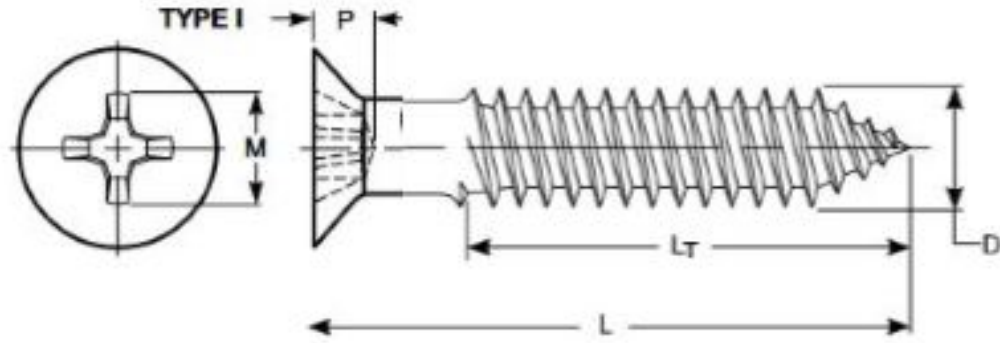


## 80°/82° - Flat Head - Type I (Phillips) - Wood Screw



THREAD DATA		
<b>Size:</b> #12	<b>Threads per in.:</b> 11	<b>Series Designation:</b> Single-Lead
<b>Thread Class or Type:</b> WSSL	<b>Major Diameter:</b> 0.220 - 0.209	<b>Minor Dia Max/Min.:</b> 0.147 Max.
<b>Standard:</b> ASME B18.6.1-2016		
DIMENSIONAL DATA		
<b>Type:</b> 80°/82° - Flat Head - Type I (Phillips) - Wood Screw	<b>Standard:</b> ASME B18.6.1 - 2016	<b>Nominal Diameter:</b> 0.216
<b>E - Body Diameter :</b> 0.176 - 0.165	<b>A - Head Diameter:</b> 0.438 - 0.389	<b>H - Head Height:</b> 0.132 Ref.
<b>Point Type:</b> Gimlet (sharp)	<b>Driver Size:</b> #3	<b>Penetration Depth:</b> 0.154 - 0.131
<b>M – Ref. Recess Dim.:</b> 0.283	<b>L - Length:</b> 2	<b>Length Tolerance:</b> -0.06
PHYSICAL REQUIREMENTS		
<b>Nominal:</b> 0.216	<b>Standard:</b> ASME B18.6.1-2016, carbon steel	<b>Typical Materials:</b> carbon steel, 1010
<b>Straightness Factor:</b> 0.012		
FINISH DATA		
<b>Finish:</b> Zinc & Clear, non-hexavalent/Cr(VI) free - .0001"/ 3µm	<b>K factor (ref. DIN 946):</b> 0.22	<b>Standard:</b> ASTM F1941/F1941M-2016, Fe/Zn 3AN

<sup>2</sup> Calculated Pretension is equal to 75% of the bolt's yield strength achieved when using the indicated Tightening Torque.

