

# Bugle Head - Type I (Phillips) - Drywall Screws - Sharp Point - Coarse Thread



THREAD DATA		
<b>Size:</b> #8	<b>Threads per in.:</b> 8	<b>Series Designation:</b> Single Lead
<b>Thread Class or Type:</b> DWC	<b>Major Diameter:</b> 0.1870 - 0.1710	<b>Minor Dia Max/Min.:</b> 0.122 - 0.102
<b>Standard:</b> ASME B18.6.1		
DIMENSIONAL DATA		
<b>Type:</b> Bugle Head - Type I (Phillips) - Drywall Screws - Sharp Point - Coarse Thread	<b>Standard:</b> ASTM C1002	<b>Nominal Diameter:</b> 0.164
<b>A - Head Diameter:</b> .330 - .315	<b>R - Fillet Radius:</b> .256 - .160	<b>Point Type:</b> Sharp 20° - 30°
<b>Driver Size:</b> 2	<b>Penetration Depth:</b> 0.116 - 0.104	<b>Wobble:</b> 0°
<b>K - Flange Thickness:</b> 0.031 Max.	<b>L - Length:</b> 3	<b>Length Tolerance:</b> -0.06
PHYSICAL REQUIREMENTS		
<b>Nominal:</b> 0.164	<b>Standard:</b> ASTM C1002	<b>Typical Materials:</b> carbon steel: 1018-1022
<b>Torsional Strength, Min. (in.lbf):</b> 39	<b>Case Hardness:</b> HRC 45 min.	<b>Case Depth (in.):</b> 0.002 min.
<b>Straightness Factor:</b> 0.018		
FINISH DATA		
<b>Finish:</b> Zinc & Yellow 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 3CN

<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.

