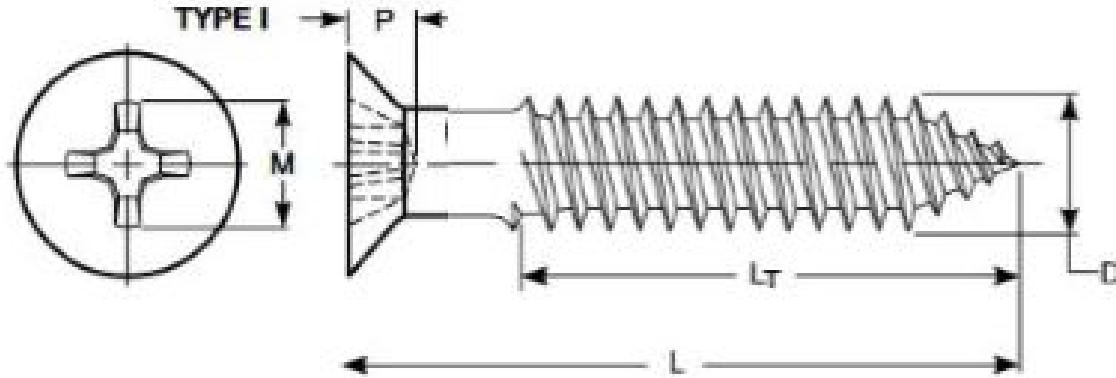


## 80°/82° - Flat Head - Type I (Phillips) - Wood Screw



| THREAD DATA  |                                   |                                  |
|--|-----------------------------------|----------------------------------|
| Size: #8   | Threads per in.: 15               | Series Designation: Single-Lead  |
| Thread Class or Type: WSSL                                 | Major Diameter: 0.168 - 0.157     | Minor Dia Max/Min.: 0.111 Max.   |
| Standard: ASME B18.6.1-2008                                | Length: 2                         | Length Tolerance: -0.06          |
| DIMENSIONAL DATA   |                                   |                                  |
| Type: 80°/82° - Flat Head - Type I (Phillips) - Wood Screw | Standard: ASME B18.6.1 - 2008     | Nominal Diameter: 0.164          |
| E - Body Diameter : 0.136 - 0.125                          | A - Head Diameter: 0.332 - 0.292  | H - Head Height: 0.100 Ref.      |
| Point Type: Gimlet (sharp)                                 | Driver Size: #2                   | Penetration Depth: 0.125 - 0.102 |
| M - Ref. Recess Dim.: 0.204                                | LG max./LB min.: 2/3 Screw Length |                                  |
| PHYSICAL REQUIREMENTS                                      |                                   |                                  |
| Nominal: 0.164   | Standard: ASME B18.6.1 - Brass    | Typical Materials: Brass         |
| Straightness Factor: 0.012                                 |                                   |                                  |
| FINISH DATA  |                                   |                                  |
| Finish: As received steel (RoHS Compliant)                 | K factor (ref. DIN 946): 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.

