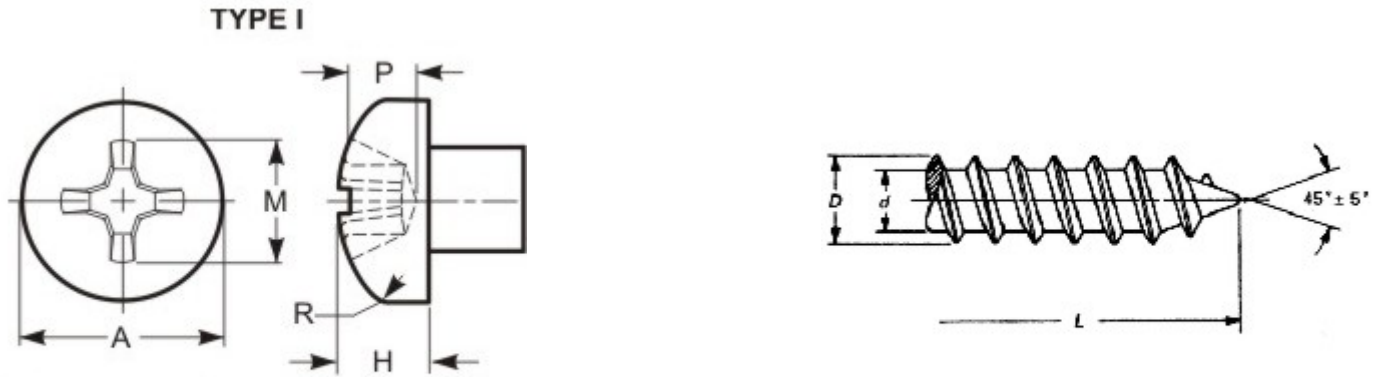


# Pan Head - Type I (Phillips) - A, AB



This type of recess has a large center opening, tapered wings, and blunt bottom, with all edges relieved or rounded.

| THREAD DATA                                |                                                          |                                                |
|--------------------------------------------|----------------------------------------------------------|------------------------------------------------|
| Size: #8                                   | Threads per in.: 15                                      | Thread Class or Type: A                        |
| Major Diameter: 0.1680 - 0.1620            | Minor Dia Max/Min.: 0.123 - 0.116                        | Standard: ASME B18.6.3-2013                    |
| DIMENSIONAL DATA                           |                                                          |                                                |
| Type: Pan Head - Type I (Phillips) - A, AB | Standard: ASME B18.6.3 - 2013                            | Nominal Diameter: 0.164                        |
| A - Head Diameter: 0.322 - 0.306           | H - Head Height: 0.115 - 0.105                           | Driver Size: 2                                 |
| Penetration Depth: 0.097 - 0.071           | Wobble: 12°                                              | M - Ref. Recess Dim.: 0.175                    |
| L - Length: 1/2                            | Length Tolerance: ± 0.03                                 |                                                |
| PHYSICAL REQUIREMENTS                      |                                                          |                                                |
| Nominal: 0.164                             | Standard: ASME B18.6.3-2013, Type A (18-8/304 Stainless) | Typical Materials: stainless steel: 304 (18-8) |
| Straightness Factor: N/A                   |                                                          |                                                |
| FINISH DATA                                |                                                          |                                                |
| Finish: As received steel                  | K factor (ref. DIN 946): 0.2                             |                                                |

<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.

