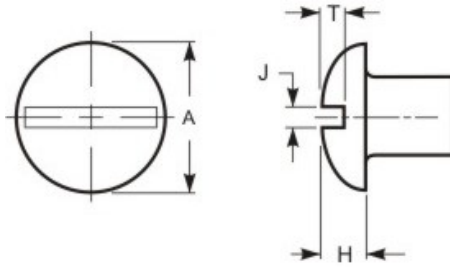


# Round Head- Slted



## GRADE MARK

THREAD DATA		
Size: 1/4	Threads per in.: 20	Series Designation: UNC
Thread Class or Type: 2A	Major Diameter: 0.2489 - 0.2408	Pitch and Functional Dia.: 0.2164 - 0.2127
Tensile Stress Area: 0.0318	Standard: ASME B1.1 - 2003 (R2008)	Length: 2
Length Tolerance: -0.06		
DIMENSIONAL DATA		
Type: Round Head- Slted	Standard: ASME B18.6.3 - 2013	Nominal Diameter: 0.25
A - Head Diameter: 0.472 - 0.443	H - Head Height: 0.175 - 0.160	J - Slot Width: 0.075 - 0.064
T - Slot Depth: 0.109 - 0.082		
PHYSICAL REQUIREMENTS		
Nominal: 0.25	Standard: ASME B18.6.3-2013, Machine Screw (Brass)	Typical Materials: brass (UNS C26000/27000)
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.

