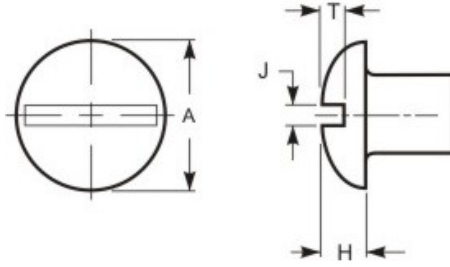


# Round Head- Slted



## GRADE MARK

THREAD DATA		
Size: #6	Threads per in.: 32	Series Designation: UNC
Thread Class or Type: 2A	Major Diameter: 0.1372 - 0.1312	Pitch and Functional Dia.: 0.1169 - 0.1141
Tensile Stress Area: 0.0091	Standard: ASME B1.1 - 2003 (R2008)	Length: 1/2
Length Tolerance: -0.02		
DIMENSIONAL DATA		
Type: Round Head- Slted	Standard: ASME B18.6.3 - 2013	Nominal Diameter: 0.138
A - Head Diameter: 0.260 - 0.240	H - Head Height: 0.103 - 0.091	J - Slot Width: 0.048 - 0.039
T - Slot Depth: 0.068 - 0.051		
PHYSICAL REQUIREMENTS		
Nominal: 0.138	Standard: ASME B18.6.3-2013, Machine Screw (Brass)	Typical Materials: brass (UNS C26000/27000)
Straightness Factor: N/A		
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.

