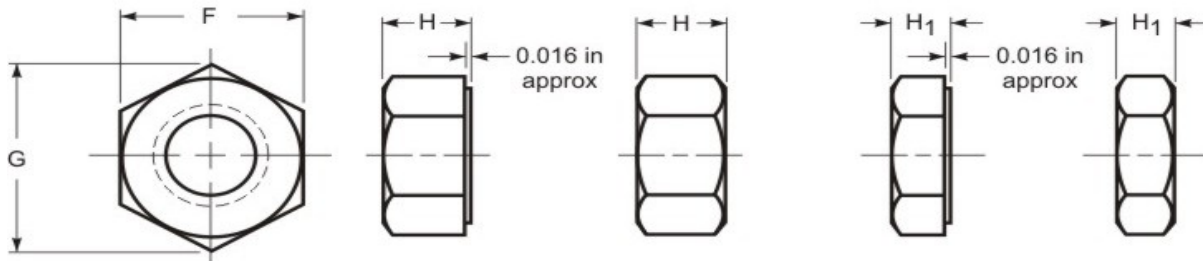


Hex



NO MARK

GRADE MARK

THREAD DATA		
Size: 1/4	Threads per in.: 20	Series Designation: UNC
Thread Class or Type: 2B	Pitch and Functional Dia.: 0.2224 - 0.2175	Minor Dia Max/Min.: 0.2070 - 0.1960
Tensile Stress Area: 0.0318	Standard: ASME B1.1 - 2003 (R2008)	
DIMENSIONAL DATA		
FILTER - Thread Class or Type: 2B	Type: Hex	Standard: ASME B18.2.2-2015
Size: 1/4	Nominal: 0.25	F - Width Across Flats: 0.438 - 0.428
G - Width Across Corners: 0.505 - 0.488	H - Thickness: 0.226 - 0.212	Runout of Bearing Surface, FIM Proof Stress Up to 150,000 psi: 0.015 Max
Runout of Bearing Surface Proof Stress 150,000 psi and Greater: 0.010 Max		
PHYSICAL REQUIREMENTS		
Nominal: 0.25	Type: Hex	Grade: Grade 2, SAE J995-2017
Typical Material: carbon steel	Hardness: HRC 32 max.	Proof Stress, psi.: 90,000
Proof Load, lbs.: 2,862		
FINISH DATA		
Finish: Zinc & Clear, non-hexavalent/Cr(VI) free - .0001"/ 3µm	K factor (ref. DIN 946): 0.22	Standard: ASTM F1941/F1941M-2016, Fe/Zn 3AN

