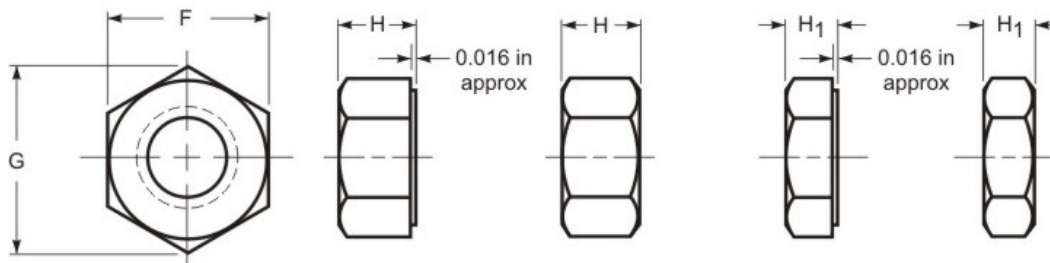


Heavy Hex



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 - 2019	
DIMENSIONAL DATA		
FILTER - Thread Class or Type: 2B	Type: Heavy Hex	Standard: ASME B18.2.2-2022
Size: 1/4	Nominal: 0.25	F - Width Across Flats: 0.500 - 0.488
G - Width Across Corners: 0.577 - 0.556	H - Thickness: 0.250 - 0.218	Runout of Bearing Surface, FIM Proof Stress Up to 150,000 psi: 0.017 Max
Runout of Bearing Surface Proof Stress 150,000 psi and Greater: 0.011 Max		
PHYSICAL REQUIREMENTS		
Nominal: 0.25	Type: Heavy Hex	Grade: Grade A, ASTM A563/A563M-2024
Typical Material: carbon steel	Hardness: HRC 32 - B 68	Proof Stress, psi.: 100000
Proof Load, lbs.: 3,180		
FINISH DATA		
Finish: Zinc & Clear, non-hexavalent/Cr(VI) free - .0001"/ 3Åµm	K factor (ref. DIN 946): 0.22	Standard: ASTM F1941/F1941M-2016, Fe/Zn 3AN

