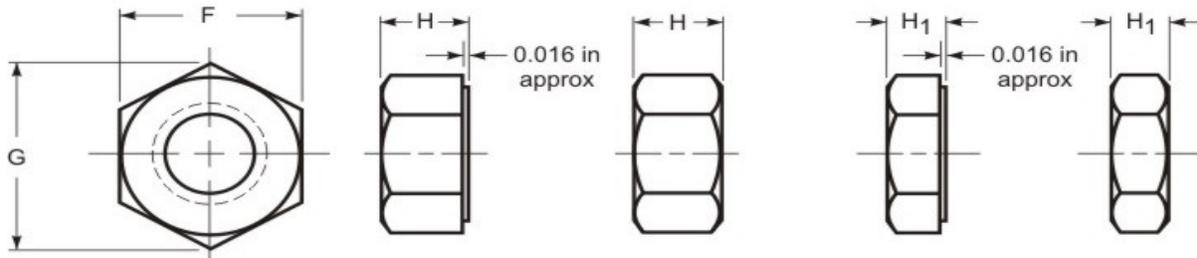


Hex



304*

GRADE MARK

THREAD DATA		
Size: 1/2	Threads per in.: 13	Series Designation: UNC
Thread Class or Type: 2B	Pitch and Functional Dia.: 0.4565 - 0.4500	Minor Dia Max/Min.: 0.4340 - 0.4170
Tensile Stress Area: 0.1419	Standard: ASME B1.1 - 2003 (R2008)	
DIMENSIONAL DATA		
FILTER - Thread Class or Type: 2B	Type: Hex	Standard: ASME B18.2.2-2015
Size: 1/2	Nominal: 0.5	F - Width Across Flats: 0.750 - 0.736
G - Width Across Corners: 0.866 - 0.840	H - Thickness: 0.448 - 0.427	Runout of Bearing Surface, FIM Proof Stress Up to 150,000 psi: 0.019 Max
Runout of Bearing Surface Proof Stress 150,000 psi and Greater: 0.014 Max		
PHYSICAL REQUIREMENTS		
Nominal: 0.5	Type: Hex	Grade: 18-8/304 Stainless
Typical Material: Stainless: 304,305, 304L, 384, 18-9LW, 302HQ	Hardness: HRC 32 - B 95	Proof Stress, psi.: 100,000
Proof Load, lbs.: 14,190		
FINISH DATA		
Finish: As received steel	K factor (ref. DIN 946): 0.2	

*Most nuts are manufactured from 304 SS, but other alloys may be used. If your requirement is for product certified to ASTM standards please make that inquiry.

