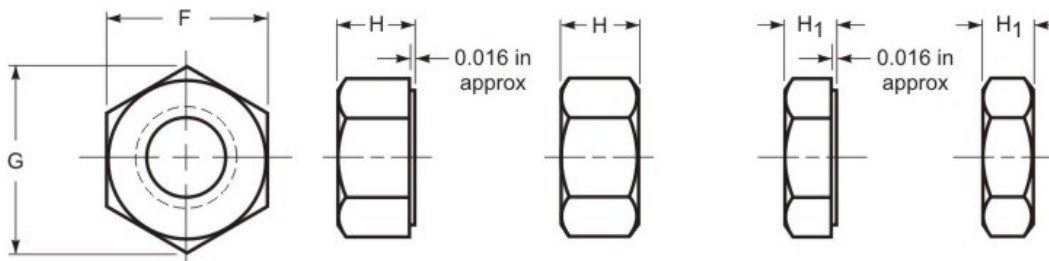


# Hex



## F594C

### GRADE MARK

THREAD DATA		
Size: 5/16	Threads per in.: 18	Series Designation: UNC
Thread Class or Type: 2B	Pitch and Functional Dia.: 0.2817 - 0.2764	Minor Dia Max/Min.: 0.2650 - 0.2520
Tensile Stress Area: 0.0524	Standard: ASME B1.1 - 2003 (R2008)	
DIMENSIONAL DATA		
FILTER - Thread Class or Type: 2B	Type: Hex	Standard: ASME B18.2.2-2015
Size: 5/16	Nominal: 0.313	F - Width Across Flats: 0.500 - 0.489
G - Width Across Corners: 0.577 - 0.557	H - Thickness: 0.273 - 0.258	Runout of Bearing Surface, FIM Proof Stress Up to 150,000 psi: 0.016 Max
Runout of Bearing Surface Proof Stress 150,000 psi and Greater: 0.011 Max		
PHYSICAL REQUIREMENTS		
Nominal: 0.312	Type: Hex	Grade: ASTM F594-2009 (R2015), 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.: 5,240		
FINISH DATA		
Finish: As received steel	K factor (ref. DIN 946): 0.2	

