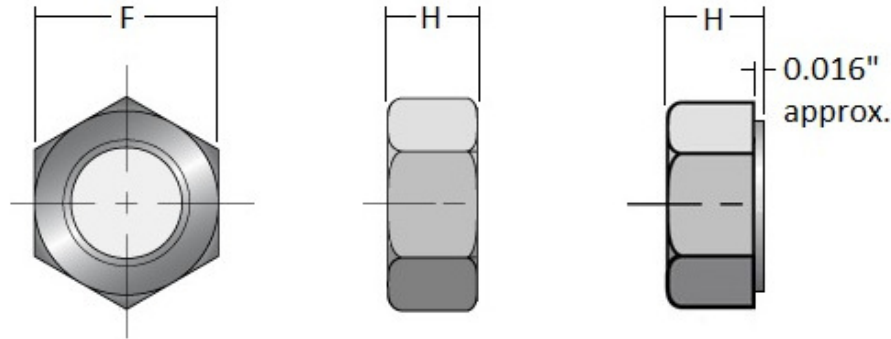


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Date: February 1, 2017	<b>FASTENAL</b>	FHN.SS

## Finished Hex Nuts, 18-8 Stainless Steel

The information below lists the required dimensional, chemical and physical characteristics of the products in this purchase order. If the order received does not meet these requirements, it may result in a supplier corrective action request, which could jeopardize your status as an approved vendor. Unless otherwise specified, all referenced consensus standards must be adhered to in their entirety.



Nominal Size	F		H	
	Width Across Flats		Thickness	
	Max.	Min.	Max.	Min.
1/4	.438	.428	.226	.212
5/16	.500	.489	.273	.258
3/8	.563	.551	.337	.320
7/16	.688	.675	.385	.365
1/2	.750	.736	.448	.427
9/16	.875	.861	.496	.473
5/8	.938	.922	.559	.535
<b>3/4</b>	<b>1.125</b>	<b>1.088</b>	<b>.665</b>	<b>.617</b>
7/8	1.312	1.269	.776	.724
1	1.500	1.450	.887	.831
1 1/8	1.688	1.631	.999	.939
1 1/4	1.875	1.812	1.094	1.030
1 3/8	2.062	1.994	1.206	1.138
1 1/2	2.250	2.175	1.317	1.245
1 3/4	2.625	2.538	1.540	1.460

### Specification Requirements:

- Dimensions: ASME B18.2.2
- Material & Mechanical Properties: Alloy, Group 1 Condition CW per ASTM F594 (18-8)  
Nuts larger than 1-1/2" nominal diameter shall be accepted as having met the mechanical requirements when the hardness conforms to Group 1 CW2 of ASTM F594
- Thread Requirements: ASME B1.1, UNC & UNF, Class 2B
- Product Marking: Alloy Grade per ASTM F594
- Finish: Per ASTM A380/A380M
- Material Test Reports: The MTR must have documented lot traceability, dimensional results, full chemical test results and full mechanical test results to the specification(s) above. In addition, the MTR shall be in full compliance with Fastenal's MTR Requirements.