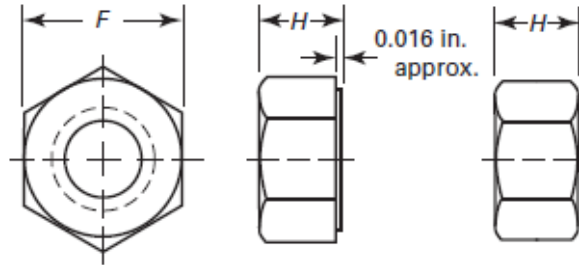


### Finished Hex Nut, Grade A, Zinc

This product standard contains the required dimensional, mechanical, performance, and chemical characteristics of the products shown in this purchase order (as applicable to the product). Unless specified below, current revisions of national or international standards shall be applicable as of the date of Fastenal's purchase order and must be adhered to in their entirety. If the order received does not meet these requirements, corrective action may be issued which could jeopardize your status as an approved supplier to Fastenal.



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
3/4	1.125	1.088	.665	.617
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 5/8	2.43	2.35	1.416	1.364
1 3/4	2.625	2.538	1.540	1.460
1 7/8	2.813	2.722	1.651	1.567
2	3.000	2.900	1.763	1.675
2 1/4	3.375	3.263	1.986	1.890
2 1/2	3.750	3.625	2.209	2.105
2 3/4	4.125	3.988	2.431	2.319
3	4.500	4.350	2.654	2.534

**RECORD OF REVISION CHANGES TO THIS DOCUMENT ARE LOCATED ON THE LAST PAGE**

Page 2 of 2	<b>Fastenal Product Standard</b>	REV-04
Date: September 3, 2021	<b><i>FASTENAL</i></b>	FHN.GRA.Z

**Specification Requirements:**

- Dimensions: ASME B18.2.2
- Material & Mechanical Properties: Grade A per ASTM A563/A563M for ¼” to 1 ½”  
For sizes over 1 ½, hardness test only to 68 HRB to 32 HRC
- Thread Requirements: ASME B1.1, UNC, UNF & UNS, Class 2B
- Finish: Fe/Zn 3AN per ASTM F1941/F1941M

**Revision Level Changes to this Document**

Document Name	Revision Level	Revision Date	Rationale for Revision
FHN.GRA.Z	03	4/5/2021	Updated dimensional requirement and added UNS to thread requirement.
FHN.GRA.Z	04	9/3/2021	Added "/A563M" to material & mechanical properties.

The rationale above may not include all of the changes within each revision. A complete review of the Fastenal Product Standard is required.