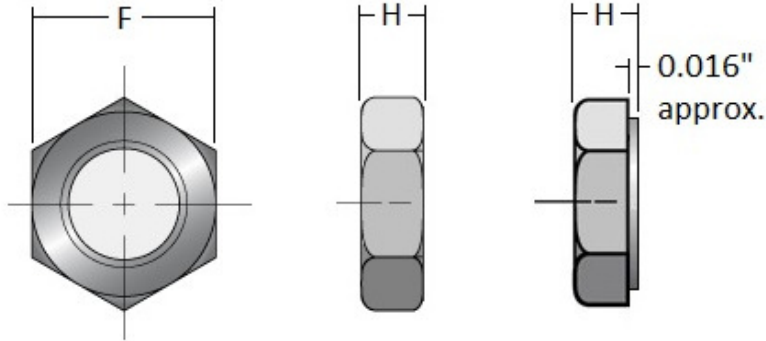


### Hex Jam Nut, Grade A, Zinc Plated

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	.163	.150
5/16	.500	.489	.195	.180
3/8	.563	.551	.227	.210
7/16	.688	.675	.260	.240
1/2	.750	.736	.323	.302
9/16	.875	.861	.324	.301
5/8	.938	.922	.387	.363
3/4	1.125	1.088	.446	.398
7/8	1.312	1.269	.510	.458
1	1.500	1.450	.575	.519
1 1/8	1.688	1.631	.639	.579
1 1/4	1.875	1.812	.751	.687
1 3/8	2.062	1.994	.815	.747
1 1/2	2.250	2.175	.880	.808
1 5/8	2.437	2.356	.944	.868
1 3/4	2.625	2.538	1.009	.929
1 7/8	2.812	2.719	1.073	.989
2	3.000	2.900	1.138	1.050
2 1/4	3.375	3.263	1.267	1.155
2 1/2	3.750	3.625	1.427	1.401
2 3/4	4.125	3.988	1.556	1.522
3	4.500	4.350	1.685	1.643
3 1/4	4.875	4.713	1.814	1.748
3 1/2	5.250	5.075	1.943	1.870
3 3/4	5.625	5.438	2.072	1.990
4	6.000	5.800	2.201	2.112

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Date: January 20, 2016	<b><i>FASTENAL</i></b>	HJN.GRA.Z

### Specification Requirements:

- Dimensions: ¼” thru 1 ½” ASME B18.2.2  
1 5/8” thru 4” See dimensions above
- Material: Grade A per ASTM A563
- Hardness: 68 HRB minimum
- Thread Requirements: ASME B1.1 UNC, UNF & UN8 Class 2B
- Finish: Fe/Zn 3AN per ASTM F1941/F1941M