

# Product Information Sheet

## HEAVY HEX NUTS, GRADE A, INCH SERIES

**Typical Material:** Low Carbon Steel (1008 / 1010) for sizes over 1 inch (cold-formed). 1045 steel sizes over 1 inch when hot-formed.

**Material and Mechanical Properties:** Purchased to meet ASTM A563 Grade A.

**Dimensions:** ASME/ANSI B18.2.2

**Zinc Plating:** Purchased to meet ASTM F1941 FeZn3A

**Hot-Dip Galvanized:** Purchased to meet ASTM A153

- HDG nuts are tapped oversize per ASTM A563

**Hardness:** HRB 68 HRC 32

**Proof Load Strength:** 100,000 PSI (75,000 PSI for HDG nuts)

- Proof load is defined as an axially-applied load using a bolt or mandrel that must be supported by a nut without evidence of thread stripping or rupture.



### WRENCH/SOCKET SIZES - HEAVY HEX NUTS

Bolt Size	Socket Size	Bolt Size	Socket Size
1/4	1/2	9/16	15/16
5/16	9/16	5/8	1 1/16
3/8	11/16	3/4	1 1/4
7/16	3/4	7/8	1 7/16
1/2	7/8	1	1 5/8
1 1/8	1 13/16	2	3 1/8
1 1/4	2	2 1/4	3 1/2
1 3/8	2 3/16	2 1/2	3 7/8
1 1/2	2 3/8	2 3/4	4 1/4
1 3/4	2 3/4	3	4 5/8



**GLASER & ASSOCIATES, INC.**

4808 SUNRISE DRIVE, MARTINEZ, CA 94553

TOLL FREE: (855)532-2658 • [WWW.GLASERBOLT.COM](http://WWW.GLASERBOLT.COM)

The information presented is believed to be accurate at the time of document creation. However, Glaser & Associates is not responsible for any claim traceable to any errors (typographical or otherwise) as contained herein. Glaser & Associates makes no warranties as to the accuracy of this information.