

# PRODUCT INFORMATION SHEET

## HEAVY HEX NUTS, GRADE 2H, INCH SERIES

**Typical Material:** 1045 steel

**Material and Mechanical Properties:** Purchased to meet ASTM A194 Grade 2H.

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

**Hot-Dip Galvanized:** Purchased to meet ASTM A153 and/or ASTM F2329.

- HDG nuts are tapped oversize per ASTM A563.

**Hardness:** HRC 24-35 (up to 1 1/2"), HRB 95 to HRC 35 (sizes over 1 1/2")

**Proof Load Strength:** 175,000 PSI

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



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