

# Porteous Fastener Company

## Product Information Sheet

### Heavy Hex Nuts, Grade DH, Inch Series



- PFC Product Categories: 00213, & 00219.
- Typical Material: 1045 steel
- Material and Mechanical Properties: Purchased to meet ASTM A563 Grade DH.
- Dimensions: ASME/ANSI B18.2.2 / ASME B18.2.6
- Hot-Dip Galvanized: Purchased to meet ASTM A153 and/or ASTM F2329.
  - HDG nuts are tapped oversize per ASTM A563.
- Hardness: HRC 24-38
- Proof Load Strength: 175,000 PSI (150,000 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	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