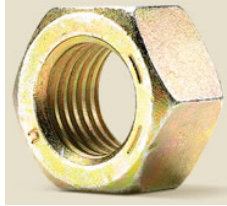


Porteous Fastener Company

Product Information Sheet

Hex Nuts, Grade 8, Inch Series



- PFC Product Categories: 00240, 00241, 00242, & 00243.
- Typical Material: Low to Medium Carbon Steel (1020 -1045).
- Material and Mechanical Properties: Purchased to meet SAE J995 Grade 8.
- Dimensions: ASME/ANSI B18.2.2
- Zinc-Yellow Plating: Purchased to meet ASTM F1941 FeZn3C.
- Hardness: HRC 24-32 for sizes 1/4 through 5/8, HRC 26-34 for sizes over 5/8 through 1, HRC 26-36 for sizes over 1 to 1 1/2.
- Proof Load Strength: 150,000 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. The specifications do not include the breaking strength, or tensile strength of nuts.

Wrench / Socket Sizes - Hex Nuts							
Bolt Size	Socket Size	Bolt Size	Socket Size	Bolt Size	Socket Size	Bolt Size	Socket Size
1/4	7/16	9/16	13/16	1 1/8	1 11/16	2	3
5/16	1/2	5/8	15/16	1 1/4	1 7/8	2 1/4	3 3/8
3/8	9/16	3/4	1 1/8	1 3/8	2 1/16	2 1/2	3 3/4
7/16	5/8	7/8	1 5/16	1 1/2	2 1/4	2 3/4	4 1/8
1/2	3/4	1	1 1/2	1 3/4	2 5/8	3	4 1/2