

Porteous Fastener Company

Product Information Sheet

PFC9 Hex Thick Nuts, Inch Series



- PFC Product Categories: 00094 (NC) & 00095 (NF).
- Typical Material: Medium Carbon or Alloy Steel.
- Material melted and manufactured in the USA.
- All nuts manufactured in the USA.
- Dimensions: ASME/ANSI B18.2.2
- Zinc-Yellow Plating: Purchased to meet ASTM F1941 FeZn5C and/or ASTM B633 Type II, Class Fe/Zn5.
- Hardness: HRC 32-38 for sizes 1/4 through 5/8, HRC 35-40 for sizes over 5/8 through 1.
- Proof Load Strength: 180,000 PSI (approximately 20% stronger than grade 8 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. The specifications do not include the breaking strength, or tensile strength of nuts.

Dimensions - PFC9 Hex Thick Nuts		
Size	Across Flats	Thickness
1/4	0.428-0.438 (7/16)	0.274-0.288 (9/32)
5/16	0.489-0.500 (1/2)	0.320-0.336 (21/64)
3/8	0.551-0.5625 (9/16)	0.398-0.415 (13/32)
7/16	0.675-0.3875 (11/16)	0.444-0.463 (29/64)
1/2	0.736-0.750 (3/4)	0.552-0.573 (9/16)
9/16	0.861-0.875 (7/8)	0.598-0.621 (39/64)
5/8	0.922-0.9375 (15/32)	1.706-0.731 (23/32)
3/4	1.088-1.125 (1 1/8)	0.798-0.827 (13/16)
7/8	1.269-1.3125 (1 5/16)	0.890-0.922 (29/32)
1	1.450-1.500 (1 1/2)	0.982-1.018 (1)