

# Porteous Fastener Company

## Product Information Sheet

### Coupling Nuts, Inch Series



- PFC Product Categories: 00236, 00237, 00238 & 00239.
- Typical Material: Low Carbon Steel (1008 / 1010) for sizes up to 1 inch. 1045 steel for sizes over 1 inch (China).
- Material and Mechanical Properties: Purchased to meet ASTM A563 Grade A.
- Dimensions: Basic dimensions are included in the individual product description.
  - Reducer coupling nut dimensions are shown below.
- 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: 90,000 PSI Minimum (68,000 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. The specifications do not include the breaking strength, or tensile strength of coupling nuts.

Reducer Coupling Nut Dimensions		
Size	Length	Across Flats
3/8-16 -- 1/4-20	1"	1/2"
1/2-13 -- 3/8-16	1 1/4"	5/8"
5/8-11 -- 1/2-13	1 1/4"	13/16"
3/4-10 -- 5/8-11	1 1/2"	1"