

COUPLING NUTS, INCH SERIES



- BARNHILL PRODUCT CATEGORIES: 132-, 133-
- TYPICAL MATERIAL: LOW CARBON STEEL [1008 / 1010] FOR SIZES UP TO 1". 1045 STEEL FOR SIZES OVER 1"
- MATERIAL AND MECHANICAL PROPERTIES: ASTM A563 GRADE A
- DIMENSIONS: BASIC DIMENSIONS ARE INCLUDED IN THE INDIVIDUAL PRODUCT DESCRIPTION
 - REDUCER COUPLING NUT DIMENSIONS ARE SHOWN BELOW.
- ZINC PLATING: 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"