

# HEX NUT, A563 GRADE "A"

## ***SUBMITTAL SPECIFICATION***

"ABSTRACT OF ASTM A563"

"CARBON AND ALLOY STEEL NUTS"

**MATERIAL GRADE:** CARBON STEEL, ASTM A563 GR. A

**CHEMICAL REQUIREMENTS (%):**

CARBON, MAX	0.55
PHOSPHOROUS, MAX	0.12
SULFUR, MAX	0.15

**MECHANICAL REQUIREMENTS:**

**HEX NUTS ¼" – 1 ½"**

PROOF LOAD STRESS, PLAIN	90 KSI MIN.
PROOF LOAD STRESS, ZINC	68 KSI MIN.
HARDNESS (BRINELL)	116-302
HARDNESS (ROCKWELL)	B68-C32

**IDENTIFICATION SYMBOL:** N/A

**OTHER:**

ALL NUTS, UNLESS OTHERWISE SPECIFIED IN THE PURCHASE ORDER, SHALL BE THREADED IN ACCORDANCE WITH ANSI/ASME B1.1, CLASS 2B FIT. DIMENSIONS OF NUTS SHALL BE IN ACCORDANCE WITH ANSI/ASME B18.2.2. ADDITIONAL INFORMATION CAN BE FOUND IN ASTM 563 (CARBON AND ALLOY STEEL NUTS).

**Pacific Coast Bolt**

---

12748 East Florence Ave Santa Fe Springs, CA 90670  
1-800-652-6587 Fax 1-562-944-9360

02/09