

HEAVY HEX NUTS A194 GRADE 6

SUBMITTAL SPECIFICATION

"ABSTRACT OF ASTM A194/A194M"

"Carbon and Alloy Steel Nuts for Bolts for High-Pressure and High-Temperature Service"

MATERIAL / GRADE: TYPE 410, ASTM A194-6

CHEMICAL REQUIREMENTS (%):

CARBON, MAX	0.15
MANGANESE, MAX	1.00
PHOSPHOROUS, MAX	0.040
SULFUR, MAX	0.030
SILICON, MAX	1.00
CHROMIUM	11.5-13.5

MECHANICAL REQUIREMENTS:

	<u>MINIMUM</u>	<u>MAXIMUM</u>
<u>ALL DIAMETERS</u>		
HARDNESS (BRINELL)	228	271
HARDNESS (ROCKWELL)	C20	C28

SEE ASTM A194/A194M FOR PROOF LOADS ON INDIVIDUAL SIZES

IDENTIFICATION SYMBOL: 6

OTHER:

ALL NUTS, UNLESS OTHERWISE SPECIFIED IN THE PURCHASE ORDER, SHALL BE THREADED IN ACCORDANCE WITH ANSI/ASME B1.1, CLASS 2B FIT. HEX NUTS SHALL BE IN ACCORDANCE WITH THE DIMENSIONS OF ANSI/ASME B18.2.2. UNLESS OTHERWISE SPECIFIED, THE HEAVY HEX SERIES SHALL BE USED. ADDITIONAL INFORMATION CAN BE FOUND IN ASTM A194/A194M, CARBON AND ALLOY STEEL NUTS FOR BOLTS FOR HIGH-PRESSURE AND HIGH-TEMPERATURE SERVICE.

Pacific Coast Bolt

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

REV. 03/11