

HEX BOLT, 304 S.S.

SUBMITTAL SPECIFICATION

"BOLTS & STUDS"

MATERIAL / GRADE: UNS S30400, 304 STAINLESS STEEL

CHEMICAL REQUIREMENTS (%):

PER ASTM A479

CARBON, MAX	0.08
MANGANESE, MAX	2.00
PHOSPHOROUS, MAX	0.045
SULFUR, MAX	0.030
SILICON, MAX	1.00
CHROMIUM	18.00 - 20.00
NICKEL	8.00 - 10.50
NITROGEN, MAX	0.10

MECHANICAL REQUIREMENTS:

<u>ALL DIAMETERS</u>	<u>MINIMUM</u>
TENSILE STRENGTH (KSI)	75
YIELD STRENGTHS (KSI)	30
ELONGATION IN 4D (%)	30
REDUCTION OF AREA (%)	40

IDENTIFICATION SYMBOL: 304

OTHER:

ALL BOLTS & STUDS, UNLESS OTHERWISE SPECIFIED IN THE PURCHASE ORDER, SHALL BE THREADED IN ACCORDANCE WITH ANSI/ASME B1.1 UNIFIED INCH SCREW THREADS, CLASS 2A FIT. BOLT HEADS SHALL BE IN ACCORDANCE WITH THE DIMENSIONS OF ANSI/ASME B18.2.1 HEX BOLTS. UNLESS OTHERWISE SPECIFIED IN THE PURCHASE ORDER, THE HEX BOLT SERIES SHOULD BE USED.

NUTS:

UNLESS OTHERWISE SPECIFIED, HEX NUTS SHALL BE 304 S/S AND CONFORM DIMENSIONALLY TO ANSI/ASME B18.2.2.

FLAT WASHERS:

UNLESS OTHERWISE SPECIFIED, ALL WASHERS SHALL BE 304 AND CONFORM DIMENSIONALLY TO ASME B18.22.1.

Pacific Coast Bolt