

ANCHOR BOLTS ASTM F1554 GR. 36

SUBMITTAL SPECIFICATION

"ABSTRACT OF ASTM F1554"

"ANCHOR BOLTS, STEEL, 36, 55, AND 105-KSI YIELD STRENGTH"

GRADE: STRUCTURAL STEEL, ASTM F1554 GR. 36

CHEMICAL REQUIREMENTS (%):

	<u>TO 3/4"</u>	<u>7/8"-1 1/2"</u>	<u>1 5/8"-4"</u>
PHOSPHOROUS, MAX	0.26	0.27	0.28
MANGANESE	---	0.60-0.90	0.60-0.90
PHOSPHORUS, MAX	0.04	0.04	0.04
SULFUR, MAX	0.05	0.05	0.05
COPPER, MIN	0.20	0.20	0.20

(WHEN COPPER IS SPECIFIED)

MECHANICAL REQUIREMENTS (machined specimens):

<u>1/4"-4" DIA</u>	
TENSILE STRENGTH	58-80 KSI
YIELD STRENGTH	36 KSI MIN
ELONGATION IN 2 IN	23 % MIN
REDUCTION OF AREA	40 % MIN

PRODUCT MARKING: THE END OF THE ANCHOR BOLT INTENDED TO PROJECT FROM THE CONCRETE SHALL BE COLOR CODED BLUE.

OTHER:

ALL ANCHOR BOLTS, UNLESS OTHERWISE SPECIFIED IN THE PURCHASE ORDER SHALL BE THREADED IN ACCORDANCE WITH ANSI/ASME B1.1 UNIFIED INCH SCREW THREADS, CLASS 2A FIT. ADDITIONAL INFORMATION CAN BE FOUND IN ASTM F1554 (ANCHOR BOLTS, STEEL, 36, 55, AND 105-KSI STRENGTH)

NUTS:

UNLESS OTHERWISE SPECIFIED, NUTS SHALL CONFORM TO ASTM A563. ADDITIONAL INFORMATION CAN BE FOUND IN ASTM A563, (CARBON AND ALLOY STEEL NUTS).

FLAT WASHERS: ALL WASHERS SHALL BE SIMILAR MATERIAL AS THE NUTS.

Pacific Coast Bolt