

ANCHOR BOLTS ASTM F1554 GR. 55

SUBMITTAL SPECIFICATION

"ABSTRACT OF ASTM F1554"

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

GRADE: ALLOY STEEL, ASTM F1554 GR. 55

CHEMICAL REQUIREMENTS (%):

PHOSPHOROUS, MAX	0.040
SULFUR, MAX	0.050
COPPER, MIN.	0.20

(WHEN COPPER IS SPECIFIED)

MECHANICAL REQUIREMENTS (machined specimens):

TENSILE STRENGTH	75-95 KSI
YIELD STRENGTH	55 KSI MIN
ELONGATION IN 2 IN	21 % MIN
REDUCTION OF AREA	18%-30% MIN DEPENDING ON DIAMETER

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

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