

TRACKHEAD BOLTS, "T" BOLTS & NUTS "HSLA"

SUBMITTAL INFORMATION



MATERIALS

BOLT

High Strength, Low-Alloy / Corrosion Resistant Steel, (Cor-Ten™), (Mayari-R™). Meets or exceeds ASTM A588 and AWWA C111 composition specifications. The material specifications of ASTM A588 meets or exceeds ASTM A307 Grade A.

NUTS

High Strength, Low-Alloy / Corrosion Resistant Steel, (Cor-Ten™), (Mayari-R™). Meets or exceeds ASTM A563 Gr. C3, AWWA C111 composition specifications. The material specifications of ASTM A563 Grade C3 meets or exceeds ASTM A563 Grade A.

PHYSICAL PROPERTIES

Min. Yield Strength	45,000 psi
Min. Elongation in 2" incr.	20%
Min Tensile Strength	70 ksi

COMPOSITION

MAX. CONTENT:

Carbon	.20%
Manganese	1.25%
Sulfur	.05%

MIN. CONTENT:

Nickel	.25%
Copper	.25%
Combined (Ni, Cu, Cr)	1.25%

NOTE: The nickel, copper and chromium cause the high strength steel material to be corrosion resistant (also known as a weathering steel). This metal is recommended by the AWWA for rubber gasket joints for ductile iron pressure pipe and fittings.

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This information is based on the best data available at the date printed above. Please check with Romac for any updates or changes.