

ALL THREADED ROD

SUBMITTAL SPECIFICATIONS Abstract of ASTM A307 Grade A

CHEMICAL REQUIREMENTS

Chemical analysis shall be performed in accordance with ASTM A751

CARBON MAX	MANGANESE MAX	PHOPHOUS MAX	SULFUR MAX
0.29	1.20	0.04	0.15

MECHANICAL REQUIREMENTS

HARDNESS BRINEL		HARDNESS ROCKWELL		TENSILE STRENGTH (KSI)		ELONGATION IN 2 IN (50 MM)
MIN	MAX	MIN	MAX	MIN	MAX	MIN
121	241	69	100	60	-	18

Hex Nuts ASTM A563 (ASME B18.2.2) Heavy Hex Nuts ASTM A563 (ASME B18.2.2)

Washers ASTM F844-04 (ASME B18.22.1)

ALL THREAD ROD MAY BE SUPPLIED

Plain Zinc Plated Hot Dip Galvanized

LOCATION

Buried Submerged Above Grade Below Grade Other

ADDITIONAL INFORMATION: Additional information can be found in ASTM A307-07B, ASTM A563-04A