



INDUSTRIAL THREADED PRODUCTS INC.

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ALL THREAD ROD

SUBMITTAL SPECIFICATIONS

Abstract of ASTM A307 Grade A

GRADE: Low Carbon Steel 60,000 PSI

CHEMICAL REQUIREMENTS

Chemical analysis shall be performed in accordance with ASTM A751

CARBON MAX	MANGANESE MAX	PHOSPHOROUS MAX	SULFER MAX
0.29	1.20	0.04	0.15

MECHANICAL REQUIREMENTS

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

<input type="checkbox"/> Hex Nuts ASTM A563 (ASME B18.2.2)	<input type="checkbox"/> Heavy Hex Nuts ASTM A563 (ASME B18.2.2)
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<input type="checkbox"/> Washers ASTM F844-04 (ASME B18.22.1)

ALL THREAD ROD MAY BE SUPPLIED

<input type="checkbox"/> Plain	<input type="checkbox"/> Zinc Plated	<input type="checkbox"/> Hot Dip Galvanized
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LOCATION

<input type="checkbox"/> Buried	<input type="checkbox"/> Submerged	<input type="checkbox"/> Above Grade	<input type="checkbox"/> Below Grade	<input type="checkbox"/> Other
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ADDITIONAL INFORMATION: Additional information can be found in ASTM A307-07B, ASTM A563-04A.