



NU-BOLT™ TORQUE VALUES

RECOMMENDED TORQUE FOR GENUINE I-ROD PIPE SUPPORT MATERIAL

THICKNESS RANGE: 1" to 1 1/2" I-Rod®

MATERIAL: I-Rod® proprietary thermoplastic material, carbon steel U-bolt and four finished hex nuts.

SERVICE: Recommended for pipes vulnerable to crevice corrosion and to support and guide heavy loads. Often employed in power, process plant and marine service.

APPROVALS: Complies with Federal Specification A-A1192A (Type 24), WW-H-171-E (Type 24), ANSI/MSS SP-69 and MSS SP-58 (Type 24)

MAXIMUM LOADING FOR EACH I-ROD®:

1" I-Rod®: 8,000 lb
I-Rod® HT: 10,000 lb

Use up to three rods to support desired weight.

Note:

It is assumed that the U-Bolts are not greased. The torque values on this sheet are general recommendations. For more specific calculations, contact us.

Assumed coefficients of friction vs dry steel:

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I-Rod®: 0.25

I-Rod® HT: 0.42

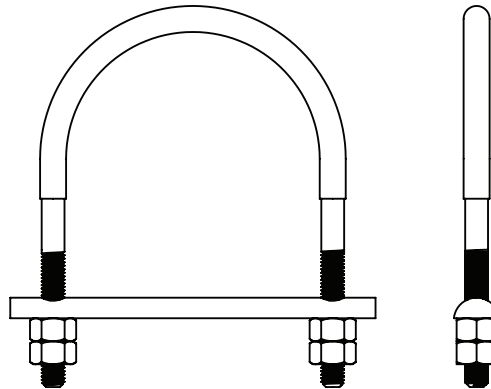
PEEK: 0.4

Assumed coefficients of friction on threads:

HDG 0.15

316SS: 0.17

Sermaguard: 0.12



RECOMMENDED TORQUE VALUES (FT LBS)

Bolt Diameter	HDG I-Rod	HDG I-Rod HT	HDG Peek	316ss I-Rod	316SS I-Rod HT	316SS PEEK	Sermaguard I-ROD	Sermaguard I-RodHT	Sermaguard PEEK
1/4"	3	5	5	3	5	5	3	5	5
3/8"	6	9	9	7	9	9	6	9	8
1/2"	15	21	21	15	22	21	14	21	20
5/8"	29	42	40	30	43	41	27	40	38
3/4"	50	72	69	51	73	71	47	69	66
7/8"	79	114	109	82	116	112	74	109	105
1"	117	170	163	122	174	168	111	163	157