

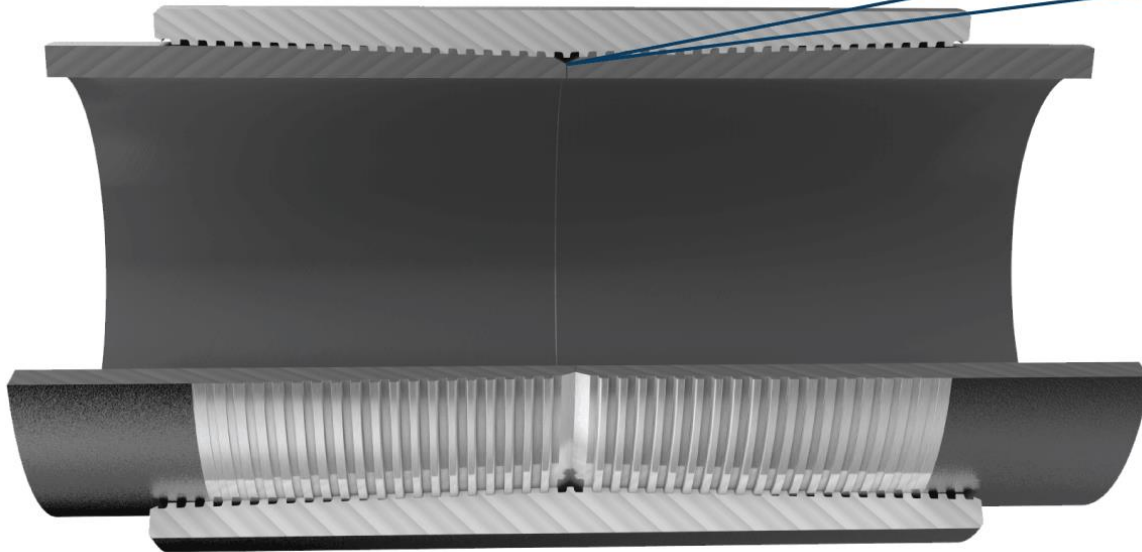
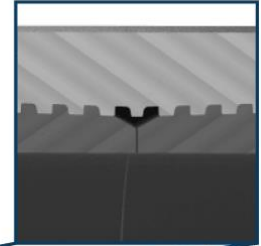
FEATURES – ADVANTAGES – BENEFITS

USS-CDC HTQ[®]



Features:

- Butress thread form
- Longer pins that meet in center of coupling to create a torque stop
- Larger coupling Outside Diameter (OD)
- Controlled thread tolerances



Advantages & Benefits:

- Rugged and proven butress thread form.
- **Increased torque capacity**
- USS-CDC HTQ[®] has a larger coupling OD (6.300" on 5-1/2" OD) which provides:
 - A lower stressed connection compared to similar size API butress
 - Greater pressure resistance allowing higher fracturing pressures without introducing "beyond yield" stress in the coupling
 - Increased resistance to over-stress during bending and rotating
 - A margin of safety against over-torque during installation
- Controlled thread tolerances provide more consistent and repeatable field assembly torques.
- Interchangeable with butress accessories if there is space for the extra 0.5" of pin length.

USS-CDC HTQ[®] Frequently Asked Questions:**Q: What does HTQ mean?**

A: HTQ stands for High Torque. USS-CDC HTQ[®] is U. S. Steel Tubular Product's trademarked name for an improved USS-CDC[®].

Q: What sizes and grades are available?

A: USS-CDC HTQ[®] is available from 4-1/2" to 7" in the same weights and grades as USS-CDC[®].

Q: How can I tell that USS-CDC HTQ[®] is different than USS-CDC[®]?

A: USS-CDC HTQ[®] has a larger outside diameter than USS-CDC[®] and it is painted with a tan colored band around its circumference. The coupling diameter for 5.5" USS-CDC HTQ[®] is 6.300", while USS-CDC[®]'s is 6.050".

Q: Is running USS-CDC HTQ[®] in the field different than running USS-CDC[®]?

A: No. The small difference in coupling diameter should be able to be accommodated with most if not all casing running equipment.

Q: Is USS-CDC HTQ[®] interchangeable with USS-CDC[®]?

A: Yes. A USS-CDC[®] pin into a USS-CDC HTQ[®] box gives USS-CDC HTQ[®] torque rating. A USS-CDC HTQ[®] pin into USS-CDC[®] box gives USS-CDC[®] torque rating.

Q: Is USS-CDC HTQ[®] interchangeable with API Buttress?

A: Yes. A buttress pin can be made-up into a USS-CDC HTQ[®] box however there will be no delta torque since there will be no pin nose to pin nose contact; the torque rating of USS-CDC HTQ[®] will not be achievable in this case.

A USS-CDC HTQ[®] pin can be made-up into a buttress box. If the opposite end has a buttress pin then there will be no pin to pin contact and the torque rating of USS-CDC HTQ[®] will not be achievable. If the opposite end has a USS-CDC HTQ[®] pin then pin to pin nose contact can occur and a rating similar to USS-CDC[®] is achievable.

Q: Are USS-CDC[®] accessories interchangeable with USS-CDC HTQ[®]?

A: Yes.

Q: Where can I get performance properties and running procedures?

A: Contact your U. S. Steel Tubular Products account representative or visit us online at www.usstubular.com.

Q: Where can I get USS-CDC HTQ[®]?

A: Contact your account representative or call 877-893-9461.