CTX™

Command Torque Extra Connection

Our CTX™ Connection With Extra Torque Over API Connections

- Fully interchangeable with Grant Prideco XT connections

- Improved fatigue resistant threadform

- Higher torque and improved performance over API Double Shoulder connections

- Available on standard 120ksi or 130ksi material for further torque performance

Command Tubular Products

CTX™
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USA

18911 West Industrial Pkwy.
New Caney, Texas 77357
+1-281-572-3900

EUROPE

5 rue des Guerins
58200 Cosne sur Loire, France
+33-3-73-58-00-26

CANADA

406-22nd Avenue
Nisku, Alberta T9E 7W8
+1-780-955-9331

MIDDLE EAST

Command Tubular Products FZE
304, Level 3, The Offices 3,
One Central, DWTC,
Sheikh Zayed Road
Dubai - 9573
United Arab Emirates
+971-4-526-4721

Provides Higher Torque

The CTX™ connection has increased torsional yield strength due to the addition of a secondary shoulder and other design features. The secondary shoulder is a mechanical stop that reduces internal stresses at the pin and box connection allowing the connection to handle more torque. CTX provides more than 70% higher torque than standard API. The increased torsional strength allows significant performance in challenging well conditions such as deep or highly deviated wells and supports the demands of the longer-reach laterals.

Improved Hydraulic Efficiencies

The CTX connection has a smooth ID and can be made with smaller OD's and larger ID's than an API connection with equivalent torque capacities. These characteristics improve hydraulic efficiency and hole-cleaning characteristics. The smoother, larger ID of the connection also prevents cement or cuttings from becoming lodged in the tool joint.

Compatibility

Independent testing has proven that the CTX connection is fully compatible and interchangeable with Grant Prideco connections.

Operation and Service

The simplified licensing structure of the CTX connection does not require proprietary machine inserts and leverages over 50 licensee shops in all major operating regions around the world, reducing service costs and repair time. Command Tubular Products Field Service Representatives are available for on-location care and handling training to assist rig crews by providing expert knowledge on best practices.

Connection Type	Tool Joint OD (in)	Tool Joint ID (in)	Recommended Make-up Torque (ft-lbs)	Tensile Yield Strength (lbs)	Torsional Yield Strength (ft-lbs)
CTX 38	4 7/8	2 7/16	22,700	707,400	37,800
CTX 39	4 7/8	2 11/16	23,400	686,200	39,000
CTX 40	5 1/4	2 11/16	31,300	877,900	52,163
CTX 46	6 1/4	3 1/4	45,600	1,151,000	76,000
CTX 50	6 5/8	3 3/4	50,000	1,167,900	83,400
CTX 54	6 5/8	4	54,900	1,193,600	91,500
CTX 57	7	4 1/4	61,300	1,300,600	102,200

* using 130 KSI material

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