CET™

Command Enhanced Torque Connection

Our Highest Torque Connection for Your Toughest Challenges.

- Fastest make-up of any high torque connection at 5 ¼ turns reducing trip time.
- Lowest total cost of ownership to any high torque connection due to a patented thread design that delivers extended run life.
- Deepest stabbing with 6 landing threads reducing box damages.

Command Tubular Products

commandtubular.com

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Highest Torque Performance

Longer lateral sections push the torque limits of standard API and DS connections. The CET™ connection design provides increased torque with the addition of an optimized secondary torque shoulder. The resulting balanced connection has reduced internal stress at greater torque loads than any other high torque drill pipe connection. The increased strength allows significant performance in challenging well conditions such as deep or highly deviated wells and supports the demands of the longest-reach laterals.

Operation and Service

The CET design utilizes an API thread-form that allows for deeper stabbing, maximizes landing threads and reduces costly repairs while minimizing trip time. When repairs are required, the design minimizes tool joint loss, further extending the life of the string. The simplified licensing structure of the CET connection reduces cost by excluding royalties, does not require proprietary machine inserts and leverages over 50 licensee shops in all major operating regions around the world. 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.

Command Slim Hole Assembly

5 1/2" drill pipe with the CET54 connection has reduced drilling time through increased ROP, reduced pressure drop, increased torque, increased weight on bit (WOB) potential, and higher flow rates. Additionally, on 5" drill pipe the CET50 connection offers all of the features above without requiring racking board modifications while still using the rig supplied handling tools.

On 4 1/2" drill pipe the CET43 connection provides a faster spud to TD option that eliminates the use of traditional 5" NC50 and 4" high torque drill string assemblies by reducing the associated laydown time and inefficiencies.

These advances in drill string design further correlate to the improvements on 2 7/8" drill pipe, where the CET24 connection is allowing for faster and deeper drill-outs and workovers on extended reach laterals.

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)
CET 20	2 7/8	1 4/5	4,700	184,200	6,600
CET 21	2 7/8	1 1/2	6,400	252,400	9,200
CET 22	3 1/2	2 3/10	6,500	277,100	10,000
CET 23	3 1/8	1 9/10	6,500	240,100	9,300
CET 24	3 1/2	2	10,300	359,800	15,100
CET 31	4 1/8	2	13,700	534,700	21,100
CET 38	4 3/4	2 9/16	20,500	696,400	31,600
CET 39	4 7/8	2 11/16	22,200	720,600	34,100
CET 40	5 1/4	2 11/16	29,100	848,700	44,700
CET 43	5 3/8	3	31,700	817,300	48,800
CET 46	6 1/4	3 1/4	46,000	1,205,100	70,700
CET 50	6 5/8	3 3/4	48,400	1,208,600	74,400
CET 54	6 5/8	4	52,600	1,236,400	80,900
CET 57	7	4 1/4	59,900	1,402,600	92,100
CET 65	8	5	86,800	1,746,900	133,600
CET 69	8 1/2	5	119,900	2,131,600	184,500

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CTPCET230301A