



WORKSTRINGS INTERNATIONAL®

YOUR FIRST CHOICE IN DOWNHOLE TUBULAR RENTALS

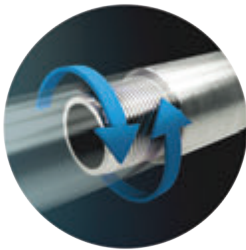
A SUPERIOR ENERGY SERVICES COMPANY

Delta™ Connection by Grant Prideco

A connection that performs at a high level, is easy to use, and has a lower total cost of ownership than other products on the market.



PERFORMANCE



Balanced Thread Form

The thread form and overall geometry of this connection have been designed to achieve optimum performance.

High Strength Tool Joints

Delta is designed to be threaded on 130 ksi Specified Minimum Yield Strength material.

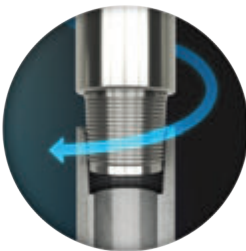
Operational Envelope Comparable to XT™

The Delta connection offers torque comparable to or higher than that provided by the XT connection. This allows for use of streamlined tool joints and improved hydraulic performance.

Better Fatigue Resistance

Through design optimization and balancing of stresses, Delta provides better fatigue resistance than XT connections, which can result in an increased product life.

EASE OF USE



Faster Makeup

Delta has significantly fewer turns from stab to makeup than comparable XT connections. This saves time and reduces the amount of wear on threads.

Deeper Stabbing

Minimizes stabbing damage because the stress on the connection is more evenly distributed.

No Stabbing Guide

Delta does not require the use of stabbing guides, making it easier to handle on the rig.

Tong Gripping

The minimum required gripping distance from the box face has been reduced to improve ease of use on the rig floor.

TOTAL COST OF OWNERSHIP



Reduced Repair Frequency

Repairs are expensive and time consuming. The field inspection tolerances for Delta have been widened without compromising performance, so the pipe does not require repairs as often.

More Refacing

The refacing amount for Delta was increased by 50%. More refaces can take place before a recut of the connection is needed, which results in a longer usable life for the product.

Less Recut Loss

There is less material loss on recuts, which allows for more recuts before needing to replace the string. The tong gripping distance has also been reduced, allowing more room for recut without adversely impacting performance.

Delta™

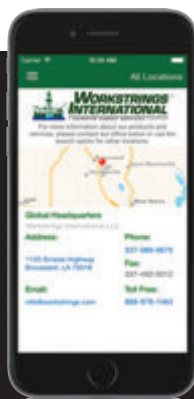
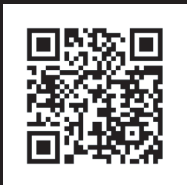
Performance Without Compromise

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Delta™ Inventory

Size	Connection	Nom Weight	Grade	TJ OD	TJ ID	Recommended MUT
5.875" R2	Delta™ 576	26.30 lb/ft	V-150	7.000"	4.250"	49,300 - 69,000 ft-lb
5.500" R2	Delta™ 544	21.90 lb/ft	S-135	6.625"	4.000"	41,900 - 58,700 ft-lb
5.000" R3	Delta™ 527	19.50 lb/ft	Z-140	6.500"	3.750"	41,500 - 58,100 ft-lb
4.500" R2	Delta™ 425	16.60 lb/ft	S-135	5.250"	3.000"	34,800 - 35,000 ft-lb*

* The 4.500" MUT values are based on a friction factor of 1.15. A copper-based thread compound with a friction factor of 1.15 must be used to achieve the MUT values for this connection.



Download the Workstrings International Pipe Specification App on the App StoreSM or Google PlayTM

The App allows users to access specifications for the most commonly used sizes and connections of drill pipe, landing string, HWDP, drill collars and tubing providing the option to view and email specification sheets conveniently using your mobile device.

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