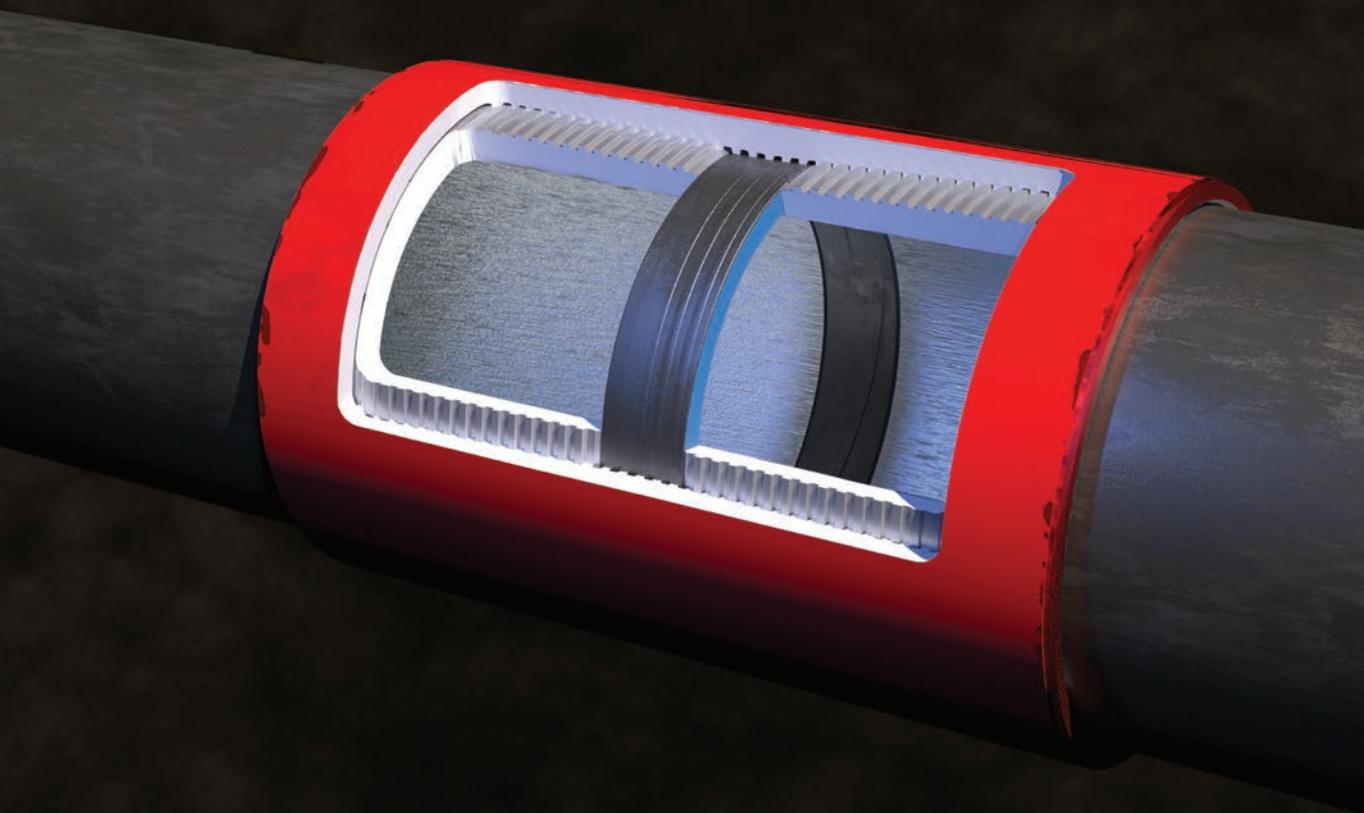


**Make the
Right
Connection.**



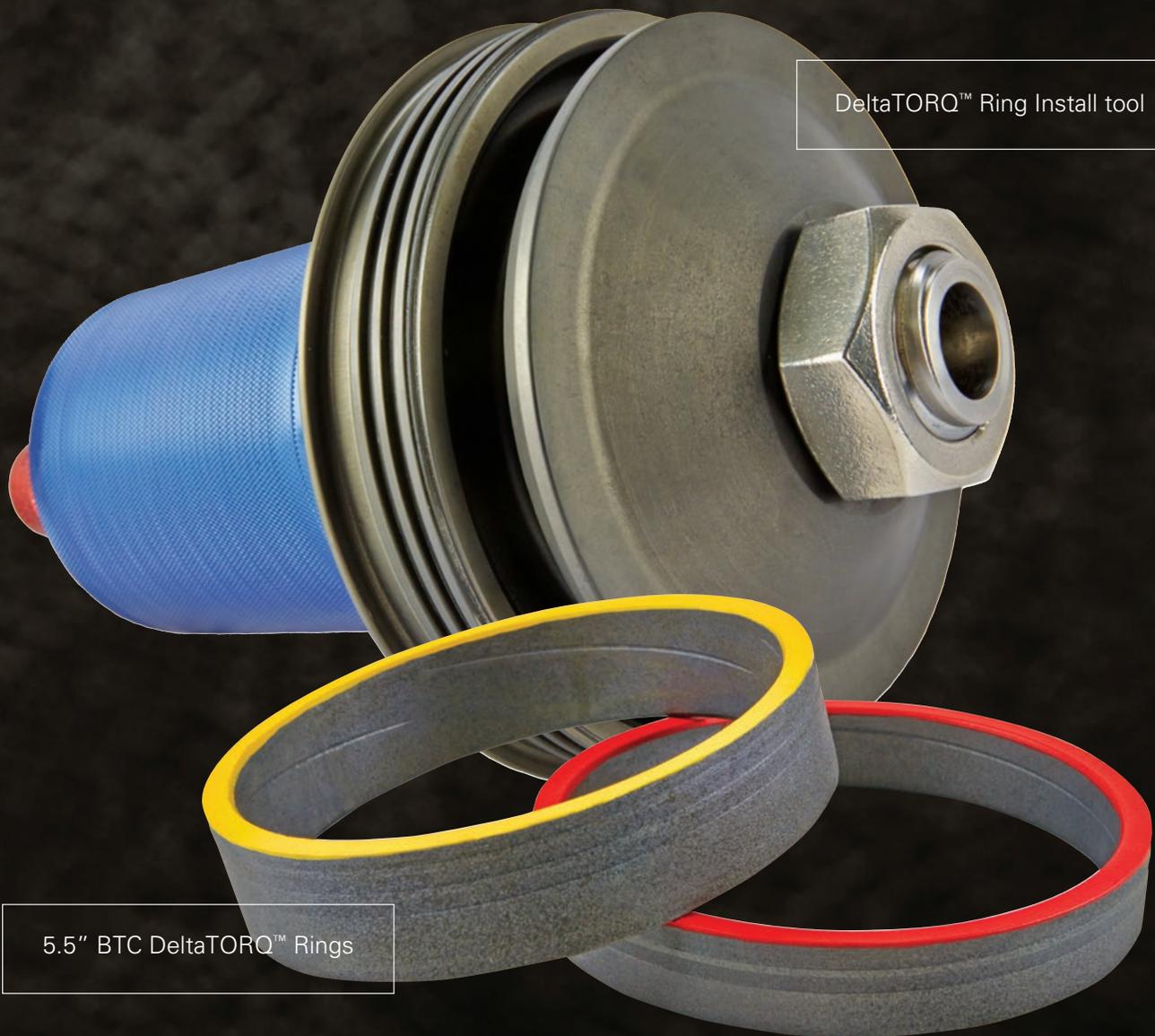
DeltaTORQ™ Rings



For additional torque and increased retention, DTR® Rings enable success.

Make the Right Connection.

DeltaTORQ™ Rings (DTR®) have been engineered to provide additional torque capacity in casing/tubing connections for the upstream market. These new rings are designed to fit all standard API casing/tubing connections, providing a cost-effective, short-lead time, semi-premium connection solution. The DeltaTORQ™ Ring makes optimal use of the available space in the connection J-section, providing you with more torque capacity and increased retention.



Issue. Non-issue.

Volant's new DeltaTORQ™ Ring turns issues into non-issues

Issue

Applications where rotating casing or liner string is required, whether it be in drilling applications or difficult casing and liner runs, often require torque that exceeds the torque available from the standard API connection being used.

Non-issue

By making optimal use of the available space in the J-section of API connections, the large cross-sectional area of the DeltaTORQ™ Ring enables operators to substantially increase the torque capacity of the connection, allowing the string to confidently withstand higher torque loads in rotating applications.

Issue

Downhole progressing cavity pumps apply a reverse torque to tubing connections, which can cause them to back off. Each time a connection backs off down hole, the well needs to be worked over.

Non-issue

DeltaTORQ™ Rings fit into standard API tubing connections and provide a higher breakout torque reducing the likelihood of the connection backing off down hole. These result in less time and money working over a well and more time spent producing it.

Issue

Tubing connections can yield incrementally with each run resulting in deeper and deeper penetration. When over-penetration occurs, thread damage means the pins must be recut. This is an additional expense many operators would like to avoid.

Non-issue

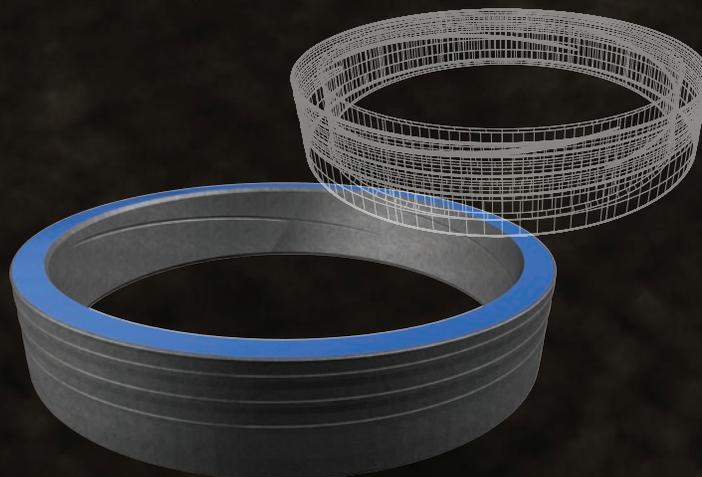
DeltaTORQ™ Rings provide a positive shoulder that stops make up at the correct position, time-after-time. By preventing over-penetration, DeltaTORQ™ rings extend the life of the tubing connections.

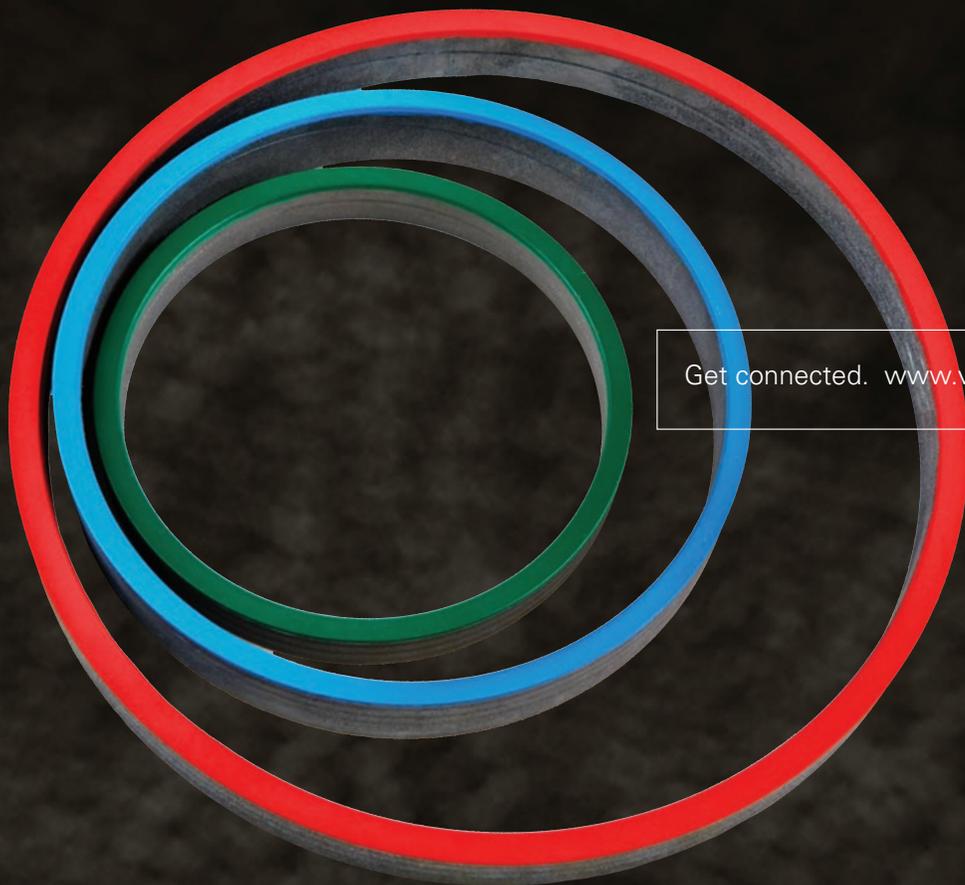
Issue

High velocity gas entrains sand and debris traveling along the tubing string which erodes the inside centre section of the coupling (J-section).

Non-issue

Volant's DeltaTORQ™ Rings, used in tubing applications, are specifically sized to fill in the J-section of the coupling, creating a smoother flow stream and protecting the coupling from erosion.





Get connected. www.volantproducts.ca/torque-rings

Product Range

API Connection

Pipe Sizes

External Upset End (EUE) Non Upset End (NUE)	2.88 in (73.15 mm) to 4.5 in (114.3 mm)
Buttress Threaded and Coupled (BTC)	4.5 in (114.3 mm) to 20.0 in (508.0 mm)
Long Threaded and Coupled (LTC)	4.5 in (114.3 mm) to 9.63 in (244.6 mm)
Short Threaded and Coupled (STC)	4.5 in (114.3 mm) to 20.0 in (508.0 mm)

Please contact Volant for full details.



Doing more with less.

Give us a problem.

Or just drop us a line if you want to learn more.

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