

MLT Rings™

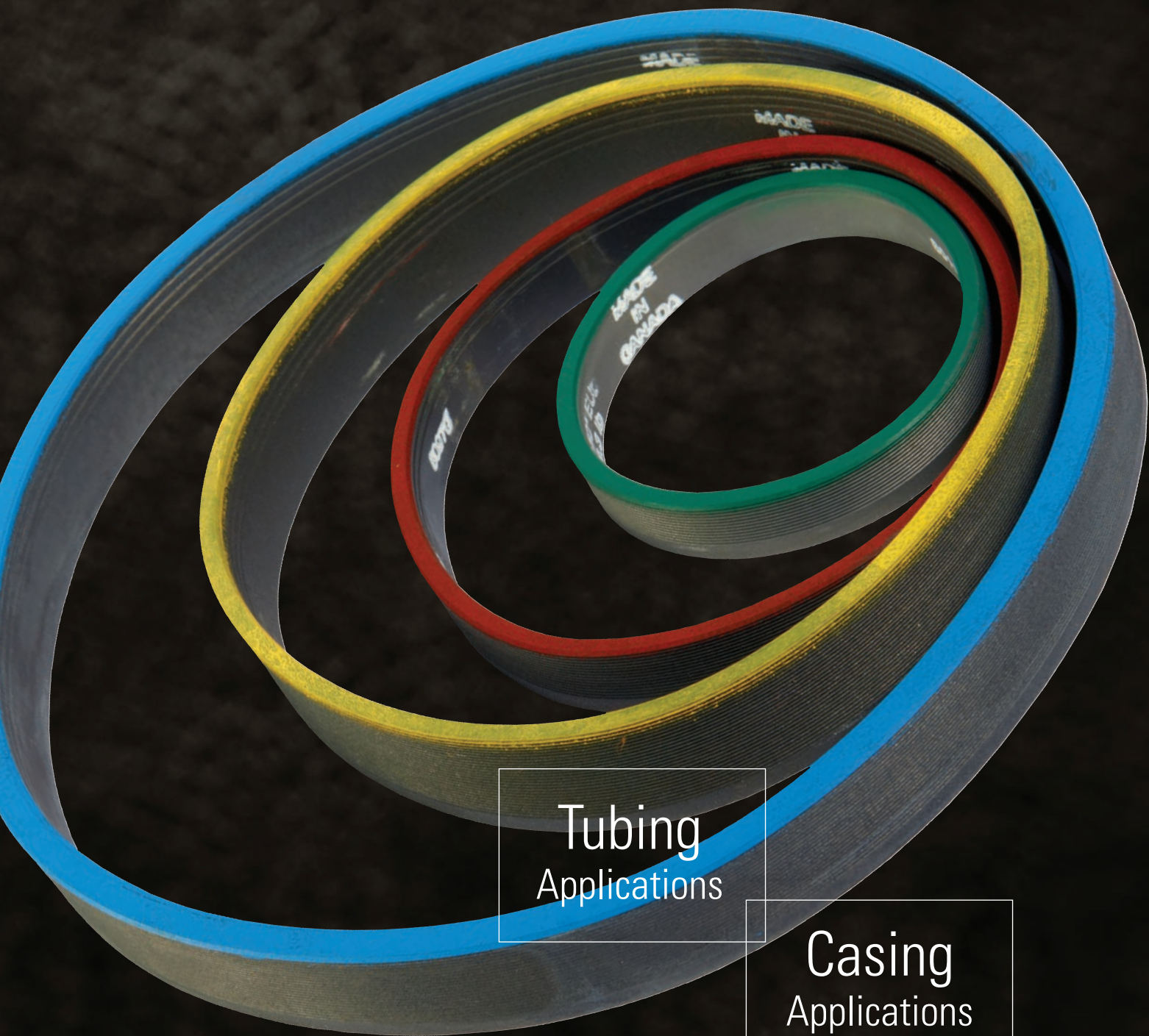
The Right Connection.



Whether you need to ream casing to bottom, or rotate during cementing, MLT Rings™ enable success.

The Right Connection.

When you're looking for an increase in torque, short lead time and reasonable cost, MLT Rings in conjunction with API connections are the solution. Whether you need to ream casing to bottom, or rotate during cementing, MLT Rings enable success. They work in API connections 'as-is'.



Tubing
Applications

Casing
Applications

Problem. Solution.

Problem

Where: Tubing Systems

What: Downhole progressing cavity pumps driven by a shaft from the surface, apply a reverse torque to tubing connections tending to unscrew them. When this happens the well must be worked over.

Solution

Volant MLT Rings fit into standard API connections to increase torsion capacity, eliminating the need for additional downhole hardware. Preventing sand accumulation in the coupling keeps threads clean and extends service life.

Problem

Where: Tubing Running

What: Tubing threads are often screwed together quickly in the high-paced world of well servicing. As a result, the connection is often over torqued and the pin advances into the box further each time the tubing string is run into the hole. When the connection threads are sufficiently deformed, the pins must be recut. This is an expense many operators tolerate, but it doesn't need to be that way.

Solution

Volant MLT Rings provide a positive shoulder that stops makeup at the correct position time after time. The ring is resistant to over torque and therefore extends the life of the tubing connection.



Problem

Where: Center Section of Coupling (J Section)

What: High velocity gas travelling up the tubing string can erode the inside of the coupling at the J section.

Solution

Volant MLT Rings fill the J section, smooth the flow stream and protect the coupling from erosion.

Problem

Where: Casing

What: Difficult casing runs often require rotation to overcome friction and work past downhole obstructions. Casing rotation requires a top drive, a casing running tool and connections with adequate torsion capacity.

Solution

Volant MLT Rings convert tapered threaded connections with modest torsion capacity, to tapered threaded shouldering connections with superior torsion capacity.

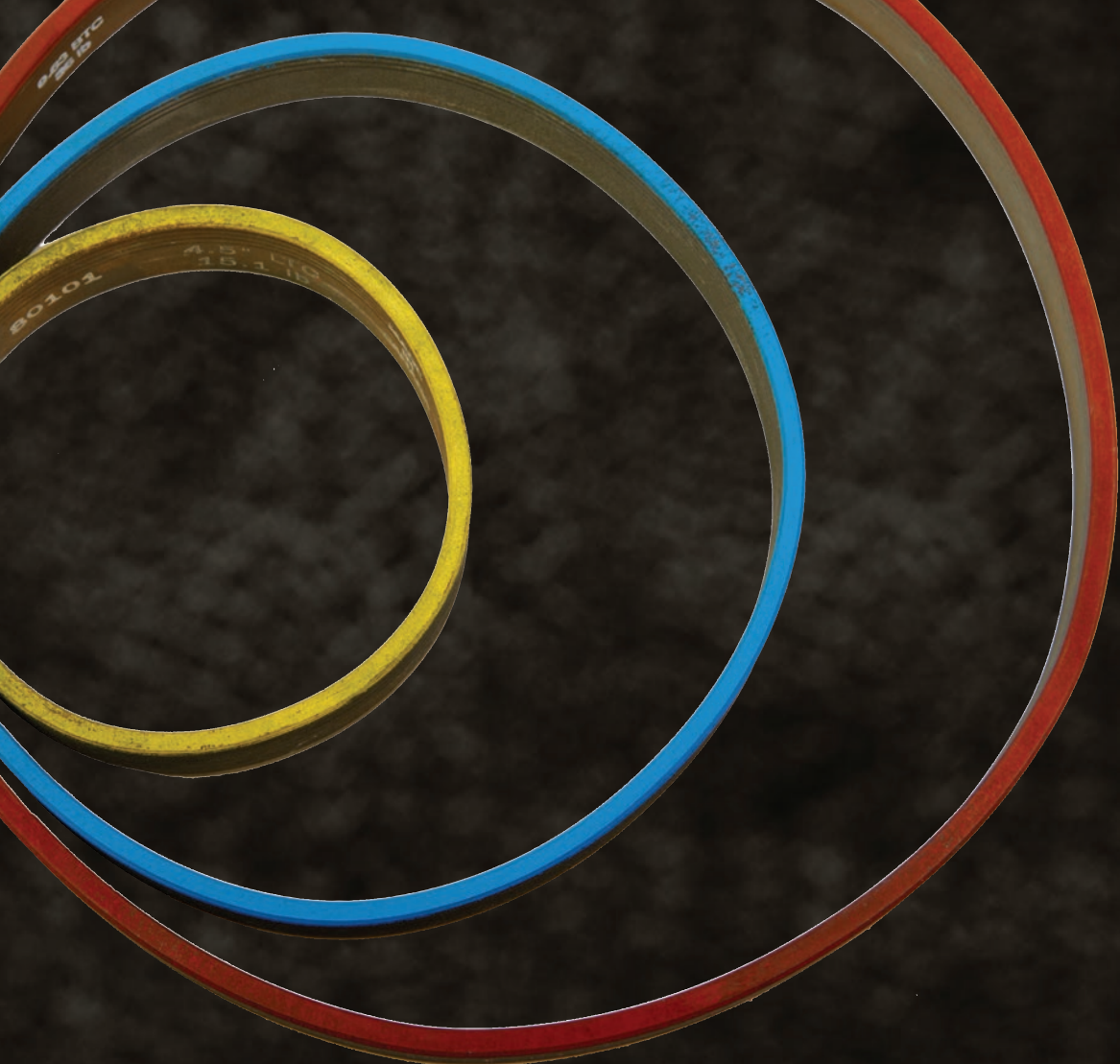
Problem

Where: Casing

What: Casing threads loaded in compression can 'jump in', which compromises both the structural capacity and the sealability of the connection.

Solution

Volant MLT Rings fill the gap between the pin tips, providing a direct compressive load path to protect threads from overload.



Doing more with less.

Give us a problem.

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

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Product Range

Connection	Pipe Sizes
EUE	2.88 in (73.15 mm) to 4.5 in (114.3 mm)
USS Buttress	4.5 in (114.3 mm)
BTC	4.5 in (114.3 mm) to 20.0 in (508.0 mm)
LTC	4.5 in (114.3 mm) to 9.63 in (244.6 mm)
STC	On request

Please contact Volant for full details.