

TCS™-Titanium Hardbanding Completion Tubing

For ultimate upset protection of new and used completion tubing, no other casing friendly hardband offers more durability for work strings. A maximum of one (1) band is applied to both box and pin upset near the taper. This application allows future recuts therefore further extending the life cycle of the string.

Case History

Working closely with Operators and Rental companies we have determined that completion tubing utilized as work strings, has a limited life cycle before being downgraded due to thin upsets and wall loss. From the customers we have talked to, it appears that the average life cycle is 8-12 completions, sometimes less depending on well deviation.

A major operator has increased the life cycle to 70+ completions by utilizing extended upsets with TCS-Titanium applied to both box and pin upsets, along with premium TK™ internal coating. The photo below represents one of these strings being inspected after 69 drill-outs. The hardbanding and internal coating is evaluated upon each inspection. The hardbanding on this string has been reapplied twice.

