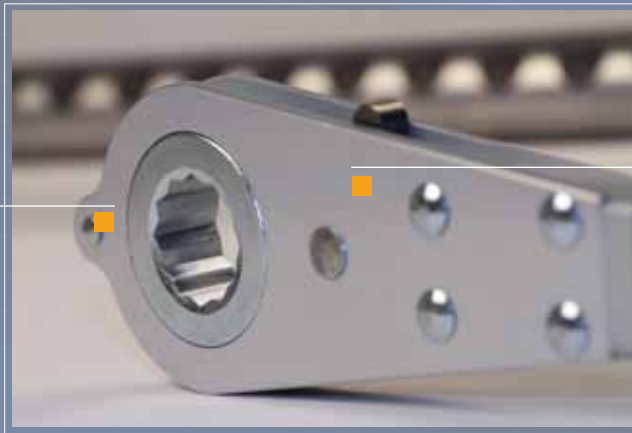


TY-TOOL®

BY TY-GARD2000®

NEW IMPROVED TY-GARD TOOL KIT

Stress concentration points reinforced for durability & performance



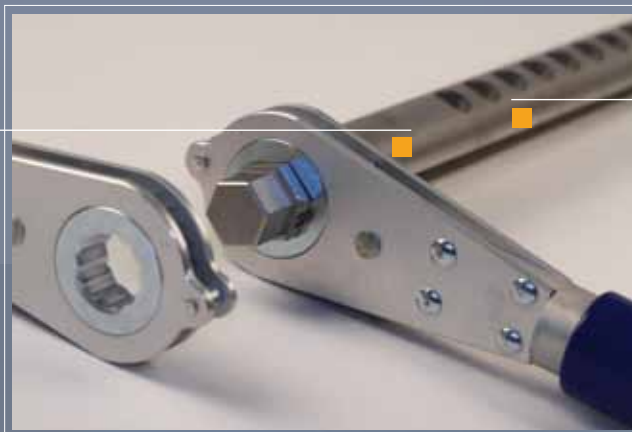
Titanium utilized for wrench plates for increased strength and 60% weight reduction

Neoprene Grip



Rounded Handle for Improved Ergonomics

Titanium clothespin delivers increased strength and significantly reduced weight



Bored using gun barrel technology

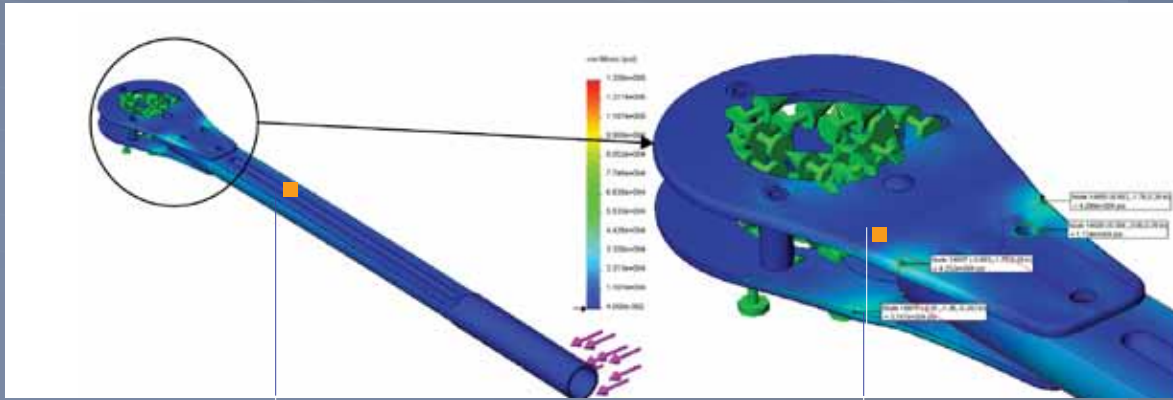
- **MATERIAL:** Titanium
- **SUMMARY:** The Ty-Tool was developed to increase the ease and efficiency of the Ty-Gard tensioning process. We set out to reduce the overall weight of the toolkit whilst increasing strength and durability. We are pleased to announce its arrival. It represents a significant ergonomic improvement in the tensioning process and we hope you enjoy it.

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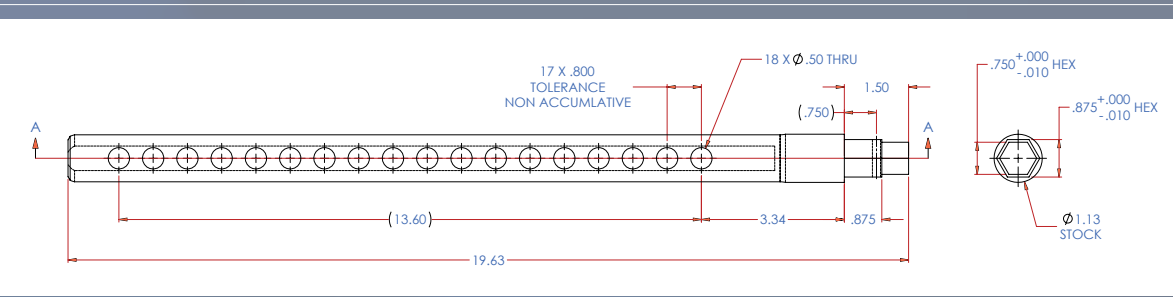
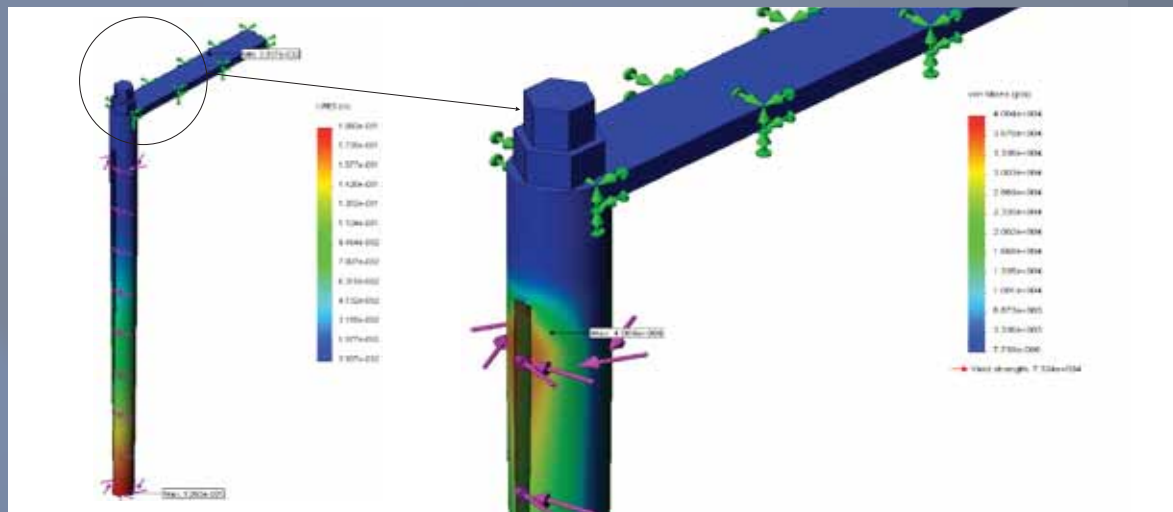
REENGINEERED TOOL KIT

Finite Element Analysis was utilized to develop each components geometry and material selection of the new Tool kit. Stress, weight, deflection, yield strength, long term durability and aesthetics, were identified as key points to improve.



3 X Safety Factor for increased durability

Stress distribution and strength yield analysis



■ **MATERIAL:** Titanium

■ **SUMMARY:** The Ty-Tool was developed to increase the ease and efficiency of the Ty-Gard tensioning process. We set out to reduce the overall weight of the toolkit whilst increasing strength and durability. We are pleased to announce its arrival. It represents a significant ergonomic improvement in the tensioning process and we hope you enjoy it.