



guaranteed
preload systems



*patent
pending*



www.tsftsh.com

TSH1



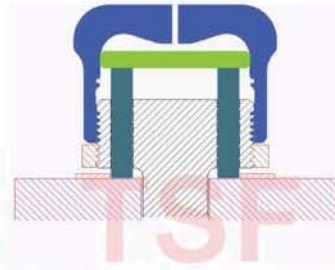
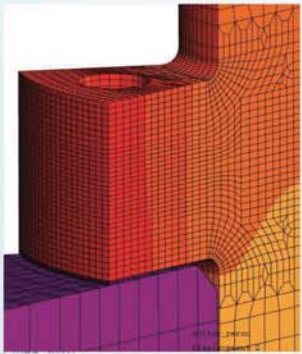
TSH3



TSH2



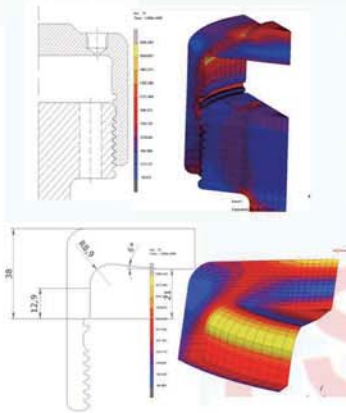
TSH4



guaranteed
preload systems

patent pending

SH1



SH2



- Reduced number of fixation elements with respect to torque control.
- Quick reaching of preload.
- Low dispersion.
- High stability of the preload.
- Low load distribution factor for the fixation element. Lower fatigue range.
- Achieving preload by the use of pressure tables.
- Insensitivity to bending moments.
- No twisting of the fixation element.
- Ease of assembly and disassembly.
- Simultaneous Assembly of fixation elements. Elimination of elastic interaction of close elements.
- Same assembly protocol for all metric sizes.
- Benefits of elongation, without the disadvantages of friction.
- Ease of verification of preload sustention. It enables maintenance actions, if necessary, based on accurate preload readings.
- Multiple reuse of the element. Ease preload reset by assembly process repetition.
- Insensitive to the type of fixation thread or its lead due to lack of friction in the tightening process. Potential increment of the preload capacity.

Johannes - Obernburger - Strasse 14, 63785 Obernburg, Germany
Tel: +49 (0) 6022-265675 - Fax: +49 (0) 6022-265680 - Mobil: +49 (0) 172-9716185

Área Industrial Arazuri - Calle B11, 31170 Arazuri, Navarra, Spain
Tel: +34 948 324420 - Fax: +34 948 324388

info@tsftsh.com - www.tsftsh.com



bolts, nuts, washers, threaded-studs.

