**Application Note**

**S425 INTERNAL PIPE TEST – TENSILE BURST BREAK**

For manufacturers of pipes there are a number of tests which can be performed using the Tinius Olsen materials testing machine. The S425 grips are specifically designed to enable the user to test a variety of different size tubes/pipes to determine the internal burst or seam strength of the manufactured pipe.

Tinius Olsen has experience of supplying many different types of test systems for pipe manufacturers. The most common being:

- Tensile Tests of Pipe Wall Specimens
- Compression Strength of Pipe
- Delamination of Wound Pipes
- Internal burst Strength
- Tensile/Elongation of Pipe/Tube
- Pull-off strength of Connection

Tinius Olsen normally requires a number of samples (approx 10) from the customer to ensure proper grip selection. Likewise if a range of pipe sizes, wall thicknesses, ID’s and OD’s exist the factory will require this information before quoting or supply.

Consult Factory for more information....