

Slitter Production Ramp Up

Use of the Technofast HydraSure Shear Knife Clamp Nut improves axial loading to ensure continuity of product width. This of course also prevents Shear Knife edge damage and prolongs production runs.

Knife and Spacer changes are carried out more efficiently, reducing the time required to set up for a new run. Accurate axial force ensures that the whole shaft assembly is correctly loaded.



How does it work?

The HydraSure is made up of three machined rings. These are:
1. Nut Body 2. Piston
3. Lockring.

The Nut Body is fitted inside of the Piston, which forms a hydraulic

area. The Lockring screws onto the Nut Body.

In operation, the Hydra-Sure is screwed home, the assembly is pressurized, applying a known load onto the

shaft. A gap is created between the Piston and Lockring due to the elongation of the shaft. The Lockring is screwed home and the pressure released. Removal is simply a reversal of this procedure.

Benefits

- *Fast*
- *Accurate*
- *Simple*
- *Safe*

