



AN ENGINEERED DESIGN SOLUTION

# Flexibility

## IN UNDER-GAUGE WELL CONDITIONS

Getting stuck costs money, in some cases lots of it, in other cases it can lose you the well. Stuck pipe through centraliser frailty or size incompatibility may result in high rectification costs or even worse, loss of the well.

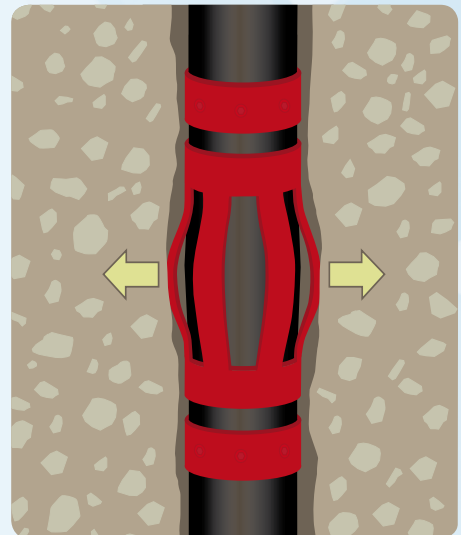
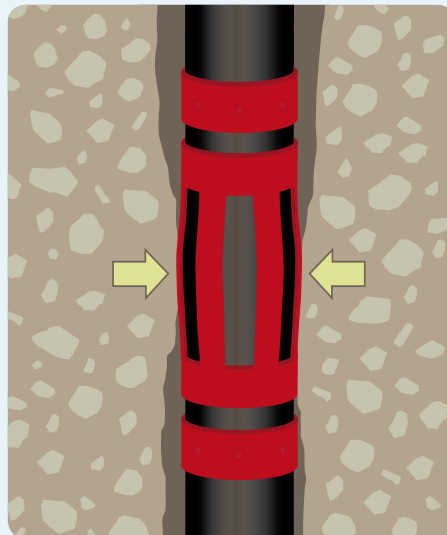
Lack of integral centraliser strength or an intolerance to flexibility, are some of the main causes of stuck pipe in tight spot conditions. Centek have overcome both key areas.

The Centek S2 Single Piece unit dramatically enhances RIH of casing or liner strings due to its construction method and flexibility. Each centraliser is designed to compress fully to near flat which in most instances are smaller than the casing/liner coupling diameter.

During compression of the centraliser, through under-gauge conditions, the centraliser must be able to withstand the increased loads that will be encountered without damage or permanent deformation resulting. The Centek S2 is designed to perform exactly so in these conditions. Once a restriction has been negotiated the S2 will revert back to its original external diameter and load deflection performance without fear of breakages.

### Benefits of Flexibility Downhole:

- Enhanced RIH in under-gauge conditions
- Drilling fluid flow regime maintained
- Centraliser integrity maintained
- No down time due to centraliser issues
- No additional well cost



- **Single Piece construction absorbs and recovers from extreme loads in tight spots**
- **Stand-off retained when compressed**
- **Permanent set engineered out**

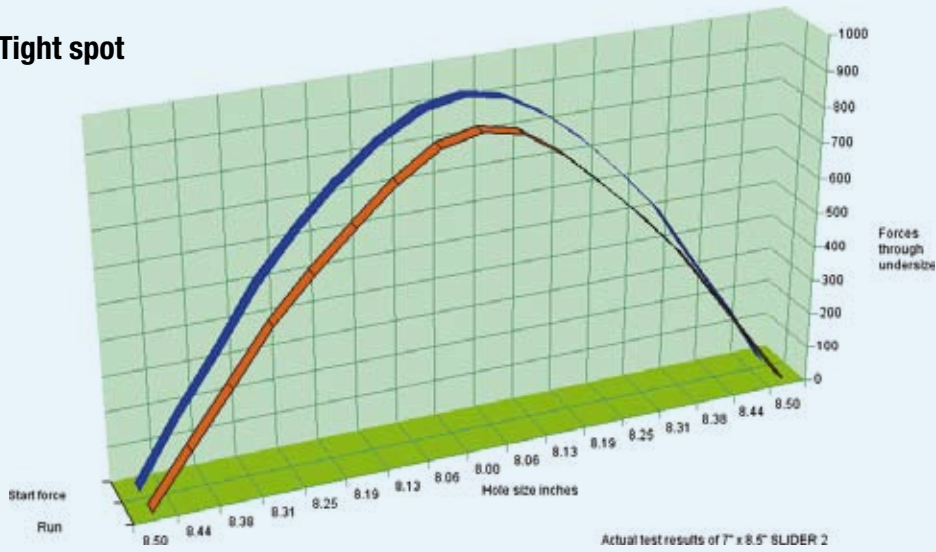
**CENTEK – BRINGING ENGINEERING INNOVATION TO THE INDUSTRY**



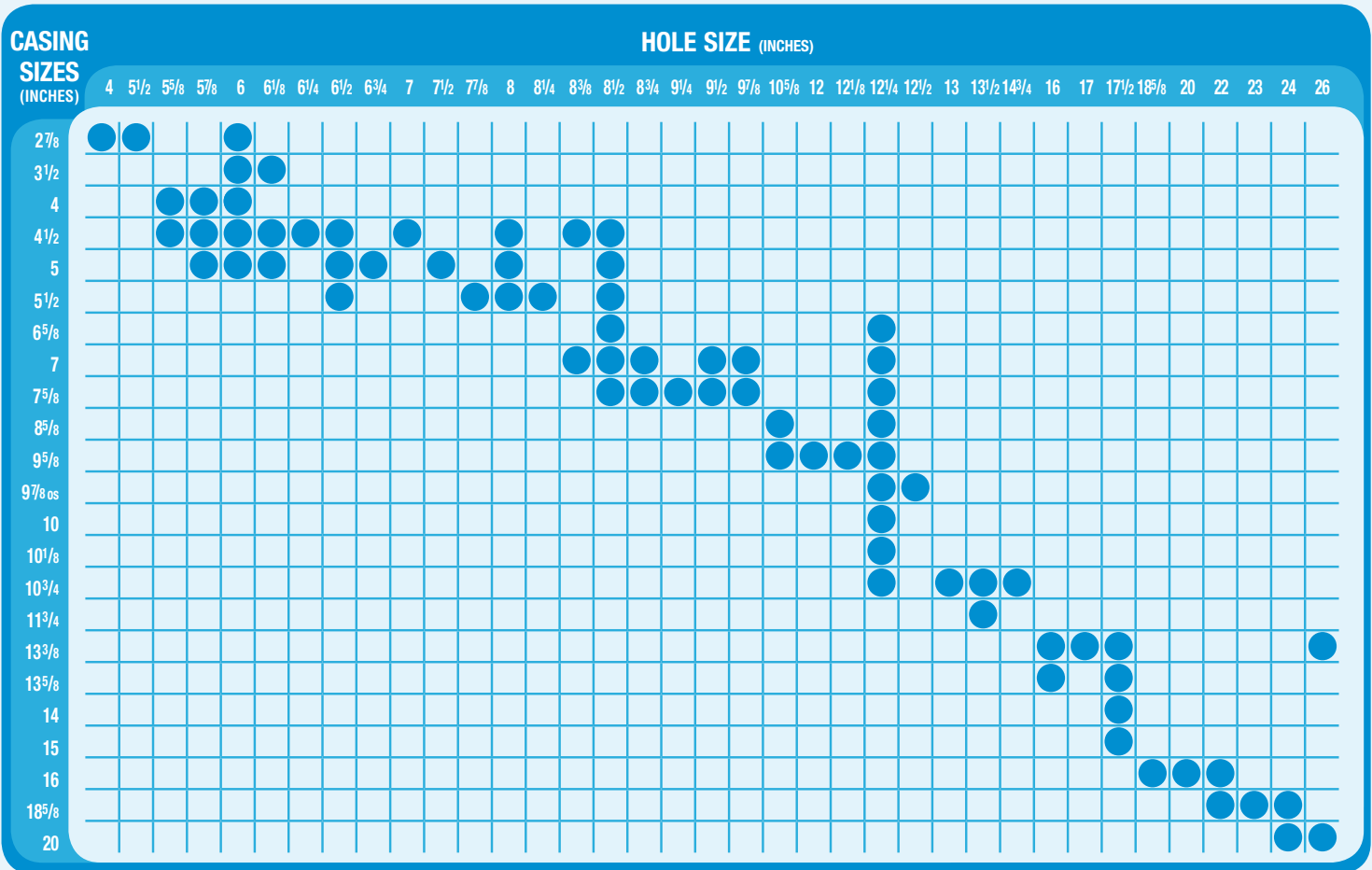
# Centek Centraliser

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## Tight spot



## Sizes available



● Sizes available



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