



AN ENGINEERED DESIGN SOLUTION

# Stand-off

API defines stand-off as the smallest distance between the OD of the casing and the wellbore. Stand-off ratio is the ratio of stand-off to the annular clearance for perfectly centred casing, expressed as a percentage.

The degree of stand-off achieved by the centraliser is absolutely the most critical factor while running casing and tubing. Pipe centralisation (stand-off) has a major impact in many areas, but in cementing operations it will directly affect displacement efficiency.

Optimum displacement is a major industry-wide challenge for primary cementing. Factors that influence displacement efficiency of fluids are typically:

- well geometry
- pipe centralisation
- pipe movement
- fluid velocity
- fluid properties
- fluid regimes
- fluid volumes
- ECD constraints vs loss of circulation

The **Centek S2** centraliser offers optimum stand-off capability in any hole conditions, providing enhanced results in terms of all these factors.

The S2 unit is of single-piece construction. It's robust yet flexible and performs to the most demanding criteria in highly deviated or ERD wells.

Improved stand-off quickly translates into improved results:

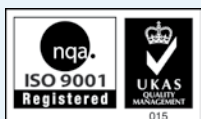
- improved RIH
- improved cementation operations
- improved pipe centralisation
- improved ECD's which may allow increased pump rates
- and improved well clean-out

Optimum stand-off also has the effect of reducing cement channelling and remedial works in addition to minimising low points of pipe in the well.

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



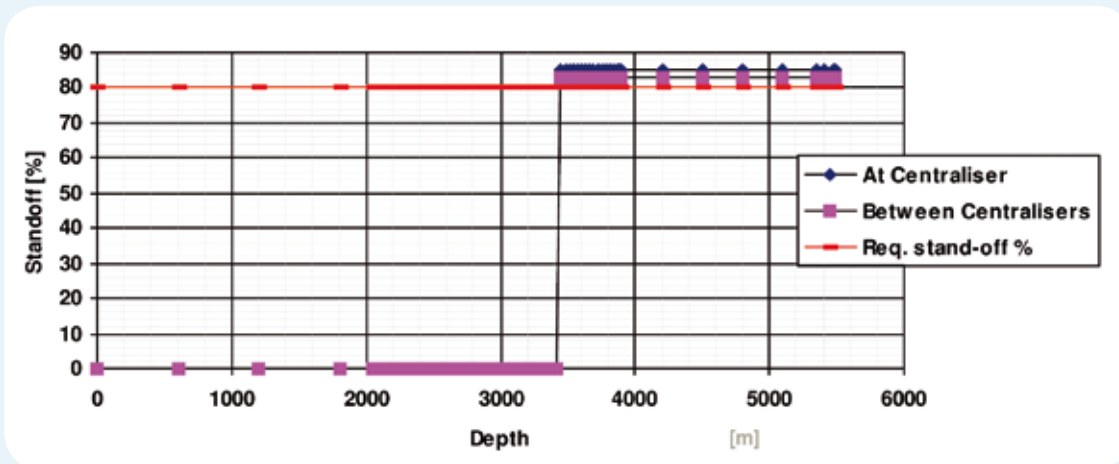
- **Single-piece S2 centraliser offers outstanding stand-off**
- **High restoring force combats lateral loads on run-in**
- **S2 centraliser keeps pipe central to borehole**
- **Competent zonal isolation consistently achieved**



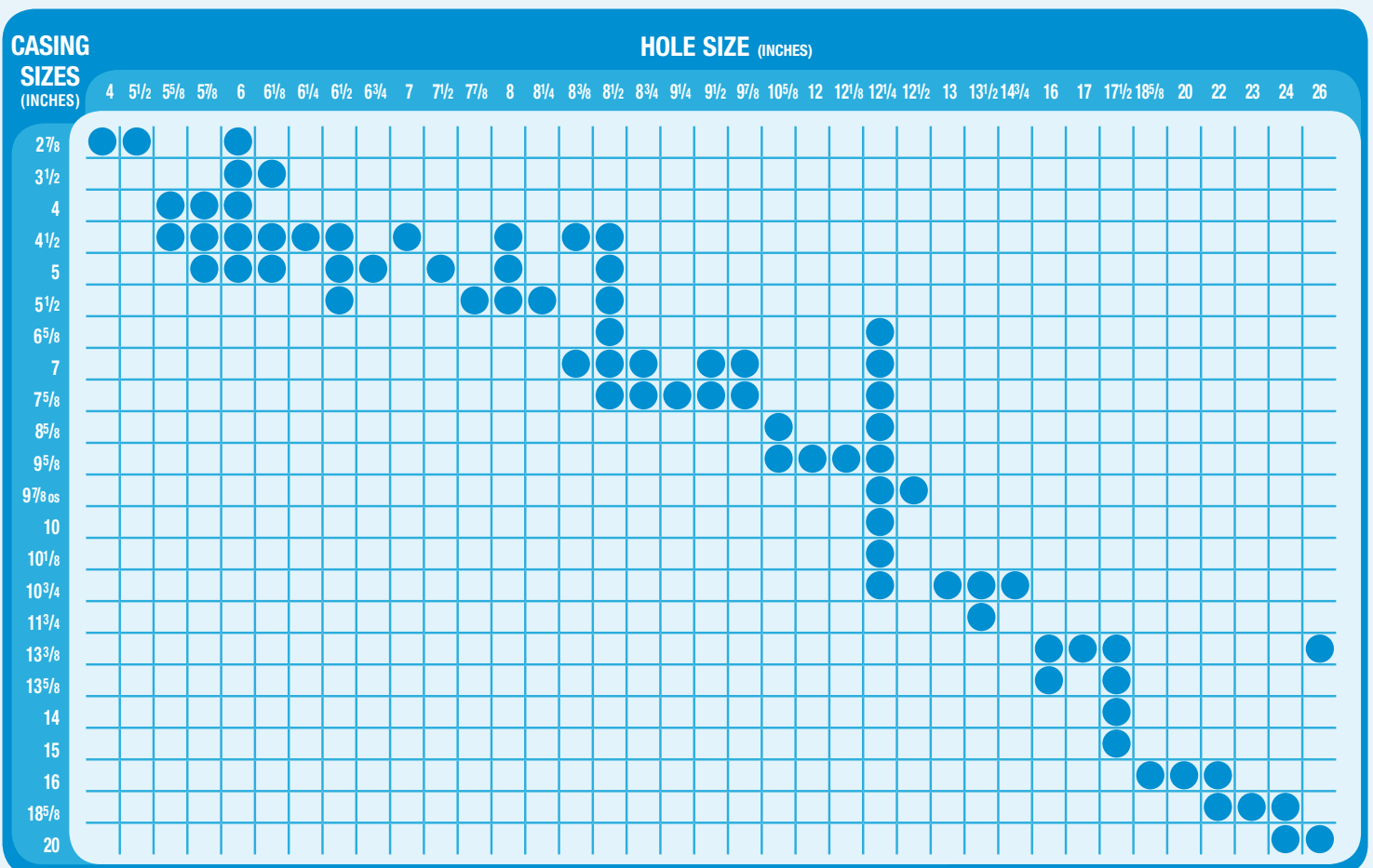
# Centek Centraliser

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## Stand Off



## Sizes available



● Sizes available



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