

# Well Construction Equipment

## Casing Accessories



### Description

Guide shoes are end of casing tools, alternative to float shoes, for well constructions such as liner and External Casing Packer (ECP) equipped casing strings. They can be fitted with reamer bits and eccentric nose cones for challenging well conditions and deviated wells.

Casing accessories, such as centralisers and stop collars are devices integral to a successful cementing operation and resulting cement bond.

Casing strings must be centralised inside wellbores to ensure equal and adequate cement sheath is distributed between the casing OD and formation to prevent poor cement bonding and micro annulus.

Centralisers are strategically located along the casing string to achieve optimised centralisation which is dependent on deviation, annular clearance and dog leg severity.

Several different types of design are available, from solid body, straight or spiral vane and/or floating and locking collars to suit every well condition and design.

Casing crossovers are essential for connecting different casing string types, threads and sizes to each other.



### Applications

- Casing running operations

### Features

- API Standard

Specifications		METRIC	IMPERIAL
Guide Shoe	Size Range	114.3– 346.1 mm	4-1/2 – 13-5/8"
	Options	Reamer, Eccentric	
	Connections	LTC, BTC, STC, Premium	
Centralisers	Size Range ID	114.3– 346.1 mm	4-1/2 – 13-5/8"
	Size Range OD	Suit open hole	
	Options	Stop collars, Rigid, Vane, Bow	
Cross Overs	Size Range	114.3– 346.1 mm	4-1/2 – 13-5/8"
	Connections	LTC, BTC, STC, Premium	