

# Cross Coupling Protectors



## Description

SST Provides both Cast and Stamped Cross Coupling Control Line Protectors (CCP's). The SST Cast CCP's are designed to have superior load handling capabilities and will protect the TEC from being crushed in the harshest environments and in highly deviated wells or when passing through multi-lateral joints. The SST Cast CCP system is designed for single person installation on the drill floor, minimizing personnel while installing the completion and can typically be installed with a total installation time of 15s or less.

The SST Stamped CCP's are designed to give crush protection to the TEC in typical cased hole conditions where doglegging and tight hole conditions can cause damage. The SST Stamped CCP's are a low cost option to our Cast CCP's and typically can be installed in less than 30s. SST Stamped CCP's should not be used in highly deviated or multi-lateral wells.

## Features

- SST Cast CCP's should be used in highly deviated or multi-lateral wells to provide crush protection to the TEC.
- SST Stamped CCP's should be used in vertical hole scenarios to protect the TEC where doglegging and tight hole conditions can cause damage.



SST Cast CCP's

## Applications

### SST Cast CCP's

- Designed to withstand 20 ton lateral load and 30 ton axial loading
- One piece assembly with no loose parts and high strength steel fasteners
- All parts are NACE MR 01-75 compliant

### SST Stamped CCP's

- Low cost alternative to Cast CCP's
- Provide necessary protection to TEC where high doglegs and tight hole conditions exist.
- All parts are NACE MR 01-75 compliant

## Operating Specification

SIZES AVAILABLE SST CAST CCP'S	2-3/8 in., 2-7/8 in., 3-1/2 in., 4-1/2 in.
SIZES AVAILABLE SST STAMPED CCP'S	2-3/8 in., 2-7/8 in., 3-1/2 in., 4-1/2 in., 5 in., 5-1/2 in., 7 in.
SST CCP'S are available for a wide range of API and premium thread coupling diameters and lengths and for single and multiple control lines.	



SST Stamped CCP's