# Subs, Cross-Over Adapters & Pipe Threads

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#### **Types**

- Cross-over
- Bottle Neck
- Saver
- Weeper
- Spider
- Float Valve Sub (Check Valve)

#### Cross-over Sub



#### Bottle Neck Cross-Over Sub



#### Saver Sub



#### Weeper Sub



#### Spider Sub



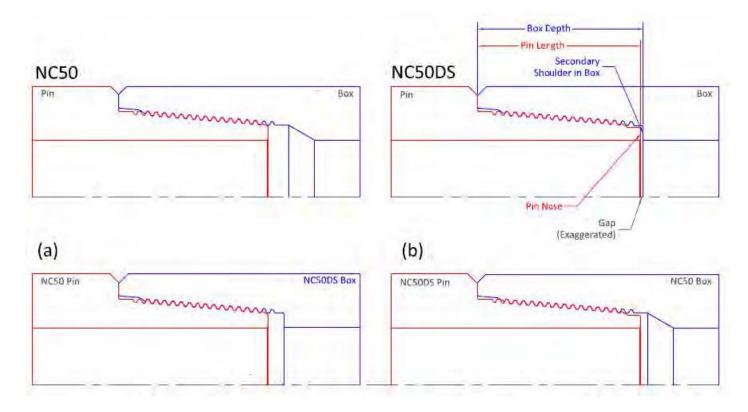
#### Float Valve Sub (Check Valve)



#### Pipe Threads Treatment

- Phosphate
- Shot Peen (non-mags)
- Copper Sulphate Solution
- C Plate
- Dry-Moly Lube

#### Interchangeability



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## Identification & Traceability

### Questions?

