

Float Collar

Float collars are placed one to three joints above the guide shoe or float shoe. They provide a seat for the cement plugs, the bottom plug pumped ahead of the cement and the top plug behind the full volume of slurry. Once seated, the top plug shuts off fluid flow and prevents over-displacement of the cement. The space between the float shoe and the float collar provides a containment area to entrap the likely-contaminated fluids from the wiping action of the top cementing plug, securing the contaminated fluid away from the shoe where a strong cement bond is of primary importance. Float collars include a backpressure valve and serve basically the same function as the float shoe.

Types

- Single Valve Float Collar
- Double Valve Float Collar
- Non-Rotating Float Collar
- Stab-In Type Float Collar
- Side Jet, Up-Jet, Down Jet Float Collar

Features

- Design is particularly suited to vertical, horizontal and deviational wells
- NR Valve is designed for HPHT conditions.
- Floats are spring-loaded, poppet-type valve or flapper type
- Floats are available with single or double poppet valve
- The float shoe also guides the casing toward the centre of the hole to minimize hitting rock ledges or washouts as the casing is run into the wellbore.



Available sizes 4 ½” to 20” and any special sizes can be custom made as required.