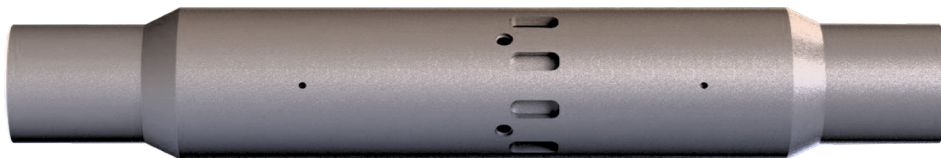


FRACSTART

The FracStart Valve serves as the initiation point for communication to the reservoir at the lower most point of the well when run in cemented or open hole casing strings. Designed to activate on hydrostatic casing pressure alone, the valve functions at set operating pressures thus giving the operator an option to pressure test casing before opening. This compact, modular design allows for ease in handling and adds cost savings by replacing some conventional methods of perforating the toe section for fracturing operations.



SPECIAL FEATURES

- Allows for casing tests prior any wellbore operations
- Used as an initiation point for fracturing operations
- Large exit flow ports for minimal flow restriction
- Hydro-static casing pressure operation
- Large bore ID for standard cement wipe plug use.