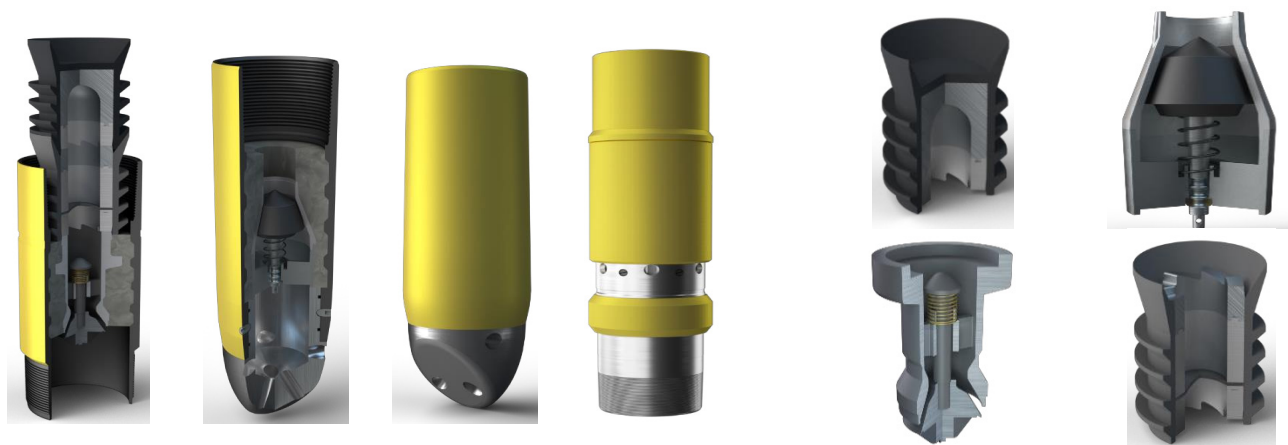


SDT-Avrora Float Equipment namely Float Shoe and Float Collars are used to guide the casing to set in the hole which ensures the quality of cementing. Float equipment from Avrora is generally used in the lower section of the well to help decrease strain on the derrick while directing casing past edges and bog zones in the open hole

The float shoe and float collar manufactured by SDT-Avrora use the spring driven float valves and are very reliable. The material used for float shoe is drillable with any bit type. Float Collar is run in a casing assembly, usually several joints above the Float Shoe. It serves as an extra back pressure valve sealing against pressures from blow while running the assembly and after the cementing job.

Features & Benefits

- ▶ All the oil field sizes available (custom sizes made upon request)
- ▶ Float collar & shoe is supplied with valve providing sure seal and API RP 10F CATEGORY IIIC qualified
- ▶ Available in all casing grades with API and Premium threads
- ▶ Guide shoes drillable material can be concrete, highperformance polymer or aluminum
- ▶ Float equipment's are drillable with any drill bit type
- ▶ Float collar and plugs are made with anti-rotational design
- ▶ Designed with maximum industry delta P
- ▶ Double valve design is available
- ▶ Cementing stage collars of all sizes available
- ▶ Protects casing - cementing pressures are confined to the drill pipes in a squeeze job



Specification	Metric											
Casing size,mm	102	114	140	146	168	178	194	245	273	324	340	426
Outer diameter, mm	114	127	153,7	166	187,71	200	216	269,88	298,5	351	365,13	451
Length, mm +/- 25	350	350	390	390	420	420	420	430	430	425	450	525
Operating temperature,°C	от -40 до +130											
Through section (check valve), km mm	1570	1570	1570	1570	1570	1570	1570	1570	1570	2440	2440	2440
Pressure drop sustained by the valve, from bottom to top, not less than, MPa	35	35	35	35	30	30	30	25	25	20	20	15
Operation in the circulation mode of 20 l/sec with a sand content of 2-4%	24 часа											
Max. Colmatant particle size for pumping through a check valve	3000 мкм											

