

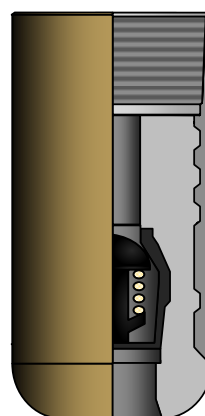
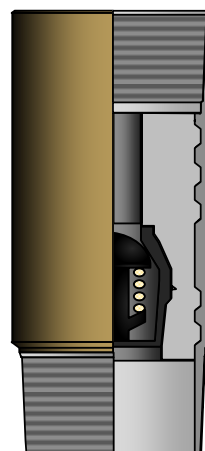


FLOAT EQUIPMENT

Blackhawk Float Shoes and Collars are manufactured to API standards and are tested to API-IIIIC. The float shoes and collars have been designed and manufactured to withstand the high temperature encountered and high pressure created by differences in fluid columns when floating, landing and cementing strings of casing.

FEATURES

- Standard float equipment has pressure ratings of 5,000 psi with an option of a high pressure high temp valve for 10,000 psi.
- All valves in the float equipment are designed with a plunger type ball valve designed for multiple functions.
- The plunger valve can be configured to work as a straight check valve or modified to run autofill.
- There are many different options that can be configured with the float shoes and collars, so feel free to contact our Blackhawk Specialty Tools sales team for options.



SPECIFICATIONS

Float Equipment					
Size (in)	Weight Range (lbs/ft)	OD (in)	ID (in)	Burst (psi)	Collapse (psi)
4.500	9.5 - 13.5	5.000	4.031	9,300	9,600
5.000	11.5 - 21.0	5.563	4.439	9,720	9,950
5.500	14.0 - 23.0	6.050	4.950	8,750	9,050
7.000	20.0 - 38.00	7.656	6.366	8,650	9,000
7.625	20.0 - 39.00	8.500	6.969	8,650	9,000
8.625	24.0 - 44.0	9.625	8.017	8,000	8,400
9.625	32.3 - 53.5	10.625	8.921	7,700	8,100
10.750	32.7 - 55.5	11.750	10.050	6,950	7,350
11.750	38.0 - 65.0	12.750	11.000	6,600	7,000
13.375	48.0 - 72.0	14.375	12.615	5,850	5,850
16.000	65.0 - 109.0	17.000	15.250	4,950	4,250
18.625	87.5 - 117.5	20.000	17.755	5,400	5,050
20.000	94.0 - 133.0	21.000	19.125	4,250	3,150