AVENTUS OIL TOOLS

COMPOSITE BRIDGE PLUG

DESCRIPTION

A-CBP, A-199 – Composite Bridge Plug

The A-CBP is made up of composite metallurgy with Aluminum body. The plug is designed with robust casting slips to hold the pressure of 15,000 Psi above and 10,000 Psi below.

It isolates a formation for Fast Drill tubing operations in both single and multiple-zone plug and perf completions. It maintains efficient drill-outs using conventional drilling methods, including coiled tubing milling.

The 15K Plug is rated up to 350°F (176°C) and to 15,000 psi (1,034 Bar) above and 10,000 (827 Bar) below, enabling the plug to be deployed in multiple environments.

The Plug can be made compatible to temperature from 275°F to 450°F and above depending upon the selection of elastomers.

FEATURES

- Aluminum chassis and composite support components for enhanced performance and accelerated drill-outs.
- The beveled bottom prevents the body from spinning, decreasing drill-out time of multiple plugs
- Can withstand upto 15,000 psi.

BENEFITS

- Lightweight cuttings lift easily to circulate out to surface during drill-out.
- Short Compact construction
- Reduced Drill out times

APPLICATIONS

- High-pressure and high-temperature testing and treating operations
- Fracking and Perforation
- Temporary zonal isolation

SPECIFICATION GUIDE

Casing Size in (mm)	Casing Weight Range lb/ft	ID Setting Range in (mm)	Max OD in (mm)
4-1/2 114.30	5.10-18.80 (22.47-27.98)	3.640- 3.903 (92.456-99.1362)	3.44 (87.38)
5.0 114.30	23.20 (34.5)	4.04 (102.7)	3.57 (90.7)
	20.30-21.40 (30.2-31.8)	4.13-4.18 (104.8-106.3)	3.75 (95.3)
	11.50-18.00 (17.1-26.8)	4.28-4.56 (108.6-115.8)	3.92 (99.6)
5-1/2 (139.7)	14.00 (20.8)	5.01 (127.3)	4.60 (116.8)
	15.50-23.00 (23.1-34.2)	4.67-4.95 (118.6-125.7)	4.30 (109.2)
	23.00-28.40 (34.2-42.3)	4.44-4.67 (112.8-118.6)	4.13 (104.8)
6-5/8 (168.3)	24.00-32.00 (35.7-47.6)	5.68-5.92 (144.1-150.4)	5.38 (136.5)
7.0 (193.7)	17.00-23.00 (25.3-34.2)	6.37-6.54 (161.7-166.1)	5.95 (151.1)
	23.00-35.00 (34.2-52.1)	6.00-6.37 (152.5-161.7)	5.75 (146.1)

Note: Other sizes available against requirement.