

RESERVOIR DESCRIPTION TOOL (RDT™) FORMATION TESTER

# Bulk Chamber Section

The RDT Bulk Sampling Section (CVS) is available in dual and single sample configuration to obtain zero shock or dump samples starting at 1 gal (3.8L). The dual sample option enables two separate bulk samples to be taken using controlled sample valves. The dual sample configuration can use either dual 2.75 gal (10.4L) chambers or dual 1.0 gal (3.8 L) chambers.

The single sample option enables a single bulk sample to be obtained with zero shock using either 2.75 gal (3.8L) or 1.0 gal (3.8 L) chambers. The single sample chamber volume can be expanded by stacking multiple chambers to the desired volume.

### Dimensions and Ratings

Max Temperature	350°F (177°C)	300°F (149°C)
Max Pressure	25,000 psi (172 MPa)	30,000 psi (207 MPa)
OD	4.75 in. (12.07 cm)	
Length	2.3 ft (70 m)	
Weight	75 lb (34 kg)	

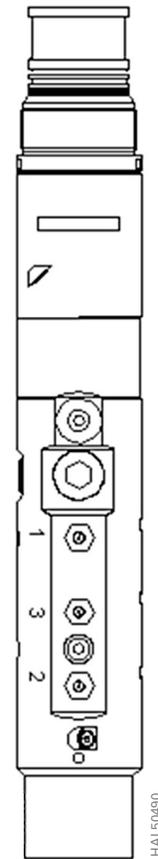
Chamber Length Depending on Volume

### Borehole Conditions

Borehole Fluids	Salt <input checked="" type="checkbox"/>	Fresh <input checked="" type="checkbox"/>	Oil <input checked="" type="checkbox"/>	Air <input checked="" type="checkbox"/>
Recommended Logging Speed	Stationary			
Tool Positioning	Centralized <input checked="" type="checkbox"/>	Eccentralized <input checked="" type="checkbox"/>		

### Bulk Samples

Dual Chambers	2 x 2.75 gal (20,000 psi/138 MPa)
Dual Chambers	2 x 1.0 gal (30,000 psi/207 MPa)
Single Chambers	Unlimited Stacked 2.75 gal (20,000 psi/138 MPa)
Single Chambers	Unlimited Stacked 1.0 gal (30,000 psi/207 MPa)
Bulk Sample Chambers Bottom Only	



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## Physical Strengths

Hardware	Tool Joints
<b>Tension</b>	200,000 lb (90,719 kg)*
<b>Compression</b>	200,000 lb (90,719 kg)*
<b>Torque</b>	600 ft-lb (813 N-m)*

\* Strengths apply to new tools at 70°F (21°C) and 0 psi.

For more information, contact your local Halliburton representative or visit us on the web at [www.halliburton.com](http://www.halliburton.com)

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