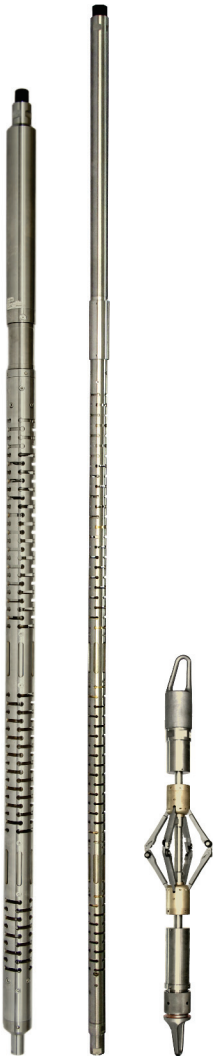


RADIAL BOND TOOL

TOOL SPECIFICATIONS



Wireline Requirement:	Mono-conductor
Maximum Temperature:	175°C for 2hrs
Maximum Pressure:	140MPa
Tool Diameter:	43mm or 80mm
Make-up Length:	2902mm for 43 mm OD 2718mm for 80 mm OD
Transducer Type	
Transmitter:	1 Piezoelectric
Receiver:	6 Piezoelectrics for 43 mm OD 8 Piezoelectrics for 80 mm OD
Power Supply	
Voltage:	18VDC
Current:	82 mA for 43 mm OD 50 mA for 80 mm OD
Signal Output:	WSTbus
Borehole Diameter:	45mm-177.8mm for 43 mm OD 114mm-340mm for 80 mm OD

Introduction

The RBT is equipped with one transmitter and two sensors constructed of piezoelectric crystals. The Near receiver, located 3 ft from the transmitter, is constructed of an 8-sector radial receiver. Each sector provides bond data covering a 45° section of casing. The primary amplitude is constructed from radial signals at the Near. The far, located 5ft from the transmitter, generates a Variable Density Log. The RBT deploys in deviated holes and combines readily with any of

the complete range of tools. Its slotted sleeve technology imparts sound isolation, rigidity and tool strength. The tool is comprised of corrosion resistant materials throughout.

Applications & Benefits

- Provide quantitative analysis of cement bond in eight 45 degrees segments for 360 degrees coverage around the borehole.
- Effectively identifies intervals of uniform bonding and detects cement channels or voids in casing sizes from 4.5 to 13.4 in
- Quantitative analysis of cement bond to casing
- Qualitative analysis of cement bond to formation

Instrument Combination

- GR+CCL+RBT +WTC Combination

