

2 1/2" Product Line

3-Arm Caliper / 6-Arm Caliper

The Caliper tools are non-motorized 3-arm instruments. The caliper signals are generated by using high-resolution precision magnetic sensors and cover a range between 100 and 330 mm (4" and 13"). The tool can be run on its own as a 3-Arm Caliper or in combination (with 60 degrees offset) with a second one to become a 6-Arm Caliper.

Specifications			
Diameter:	63.5 mm	(2.5")	Sensors: Magneto Resistivity Angle Sensors
Length:	1335 mm	(52.6")	
Weight:	15 kg	(33 lbs)	
Max. Temp:	175°C	(350°F)	Measure Points (from bottom): 529 mm (20.8")
Max. Pressure:	140 MPa	(20 000 psi)	
Telemetry required:	yes		
Top Connector:	yes		
Bottom Connector:	yes		

Measuring Parameters:

<u>Measuring Range:</u>		<u>Accuracy:</u>
CAL:	100 - 330 mm (3.9"-13.0")	1 % of Measured Value ± 5 mm (±0.2")

Logging parameters	
Recommended:	Recommended:
Min. Hole Diameter: 100 mm (3.9")	Logging Speed: max. 30 m/min (5900 ft/hr)
Max. Hole Diameter: 330 mm (13.0")	Sample Rate: selectable

Displayed Standard Curves			
<u>1st 3-Arm Caliper</u>		<u>2nd 3-Arm Caliper</u>	
Rad1 in mm or in	Radii 120 deg	Rad2 in mm or in	Radii 120 deg
Rad3 in mm or in		Rad4 in mm or in	
Rad5 in mm or in		Rad6 in mm or in	
CAL in mm or in	Caliper/calculated borehole diameter (average Rad 1-3-5)	CAL in mm or in	Caliper/calculated borehole diameter (average Rad 2-4-6)

6-Arm-Caliper / Displayed Standard Curves
Measurement with both tools, 1st 3-Arm Caliper and 2nd 3-Arm Caliper.

Displayed Standard Curves 6-Arm Caliper
CAL14 in mm or in Caliper in 3 directions (120°deg)
CAL25 in mm or in
CAL36 in mm or in

Combinability
With all 2 1/2" open hole instruments and 3 3/8" open hole instruments

