

GOWELL's Six-Arm Caliper tool has independent arms measuring 6 radii of the borehole wall. The 6-arms are spaced at 60 degrees leading to a more accurate measurement of the borehole cross-section compared to 2 or 4-arm tools.

The tool has six independent arms measuring an accurate set of radii via 6 electrical sensors. Borehole diameter is measured by the three sets of opposite arms.

FEATURES

- Fully combinable with Gallop range of Open Hole tools
- Covers a wide range of borehole sizes up to 22 inches
- Correction for tool eccentricity via elliptical or chord methods
- Borehole profile display

APPLICATIONS

- Determines an accurate profile of the borehole cross-section
- Calculates Borehole and Annulus hole volumes
- Analysis of borehole failure – breakout, key-seat and washouts
- Evaluate in-situ stress field

SPECIFICATIONS

SIX-ARM CALIPER	
GENERAL SPECS	
Maximum Pressure	20,000 PSI (140 MPa)
Maximum Temperature	350°F (175°C)
Storage Temperature	-40°F~365°F (-40°C~185°C)
Diameter	3-5/8 in (92 mm)
Length	10.5 ft (3.2 m)
Weight	192 lbs (87 kg)
Typical Actuating Force	0.13 kN (13.5 kgf)
Accuracy	±0.25 in (6.35 mm)
Open/Closing Time	<60s
Stability	±3 %
Max. recommended logging speed	120 ft/min (36 m/min)
Borehole Size Measured	4 1/2 in to 22 in (114 mm to
Borehole Fluid	Any



SIX-ARM CALIPER

LOG EXAMPLE

