Articulating Hole Finder™

Navigate irregular or deviated openhole wells, with restrictions, deviations, ledges, and washouts

Applications

- Open hole
- Deviated wells

Features and Benefits

- 360° rotational roller nose
- 8° angular deflection
- Modular design with options for customization to your specific needs
- Simple, low maintenance, and rugged construction
- Navigate and log the most complex downhole restrictions with articulation and adjustment based on downhole conditions
- Integrate a broad range of wireline conveyance solutions to further enhance performance
- Reach target depth and achieve data acquisition objectives with reduced risk and cost
- Suitable for wireline or pipe conveyed logging

Tool Description

The Weatherford articulating hole finder (AHF) is a specifically engineered hole finder that incorporates responsive articulation and adjustment based on downhole conditions.

With a 360-degree rotational roller nose and 8-degree angular deflection, navigation of complex downhole restrictions is now possible.

The AHF is a combination of the proven and patented I-wheels and patented hole finder incorporated with responsive engineered articulation and modular designs.

Weatherford®

Articulating Hole Finder™

Specifications

Measurement Specifications

Outside diameter	2.125 in. (53.98 mm)	3.375 in. (85.73 mm)
Minimum length	19.4 in. (493 mm)	31.6 in. (800 mm)
Maximum length	19.4 in. (493 mm)	39.6 in. (1.01 m)
Minimum weight	15.5 lb (7.0 kg)	35.8 lb (16.24 kg)
Maximum weight	15.5 lb (7.0 kg)	56.6 lb (25.63 kg)
Ball size	2.750 to 3.625 in. (69.85 to 92.07 mm)	4.350 to 7.125 in. (110 to 181 mm)
Tension rating	60,000 lb (27,215 kg)	100,000 lb (45,359 kg)
Compression rating	110,000 lb (49,895 kg)	100,000 lb (45,359 kg)
Temperature rating	400°F (204°C)	400°F (204°C)
Pressure rating	22,000 psi (151.7 MPa)	25,000 psi (172.4 MPa)