

# 3 1/2" Bow-spring Centralizer

Product Reference: 050-FG010-0000

The Bow-spring Centralizer is used primarily with the Open-hole Sonic Tool to maintain tool centralization in the well bore.

The centralizer is constructed of stainless steel and the mandrel is made of high strength alloy steel. High temperature connectors make this a rugged dependable assembly, and are supplied with aluminium thread protectors unless otherwise specified. The centralizer is available with 3 or 4 arm centralization, and either 10 or 17 pin GO connectors.

## SPECIFICATIONS – 3 1/2" BOW-SPRING CENTRALIZER

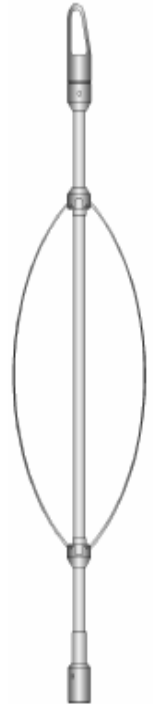
|                 |        |        |                          |                       |
|-----------------|--------|--------|--------------------------|-----------------------|
| <b>Diameter</b> | 3 1/2" | 8.9 cm | <b>Mechanical:</b>       |                       |
| <b>Length</b>   | 56"    | 1.42 m | <b>Top Connection</b>    | 10 or 17 pin GOI type |
| <b>Weight</b>   | 68 lb. | 30 kg  | <b>Bottom Connection</b> | 10 or 17 pin GOI type |

### Limitations:

|                            |            |           |
|----------------------------|------------|-----------|
| <b>Maximum Pressure</b>    | 20,000 psi | 137.9 MPa |
| <b>Maximum Temperature</b> | 350°F      | 177°C     |

## RELATED PRODUCTS

- 050-FG010-0000 3 Arm, 10 pin GO connector
- 050-FG010-1700 3 Arm, 17 pin GO connector
- 050-FG011-0001 4 Arm, 10 pin GO connector
- 050-FG011-0002 4 Arm, 17 pin GO connector



Note: Centralizers for up to 60" diameter boreholes available upon request.

At Probe, we design, manufacture and service specialized modular downhole tools and systems. Our tools are used in formation evaluation, well integrity assessment and well productivity determination across the global energy industry.

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