



## BONNETTS HI-EX GAUGE HANGER

The Hi-Ex Gauge Hanger can be used to deploy data acquisition devices on slickline and can be used as an anchor to provide a platform for, or suspend, other equipment in non-monobore wells.

The Hi-Ex Gauge Hanger is a slim, high expansion design which allows it to be deployed on slickline through narrow restrictions or smaller completion tubing and set in larger ID liners/casings. Most importantly, the slim design minimizes the restriction to flow enabling better quality data to be recorded during production and / or injection conditions. The Hi-Ex Gauge Hanger comes in two chassis sizes: 2.200" and 3.600" OD. Adapter kits enable the gauge hanger to be set in a range of tubing sizes from 4 1/2" through to 9 5/8".

### Applications

- 🔧 Gauge hanger for pin-point real time and memory data acquisition during well testing, production monitoring and other applications – particularly in non-monobore wells
- 🔧 Anchoring device to provide a platform for, or suspension of, swell-able packers, fluid samplers, etc. in non-monobore wells
- 🔧 Platform for cement-plugs in well abandonments
- 🔧 Barrier to prevent unwanted movement of abandoned equipment in flowing wells

### Features & Benefits

- 🔧 Slickline deployed
- 🔧 High-expansion mechanism allows one Hi-Ex assembly to be used in various tubing/casing sizes
- 🔧 Slim design for maximum flow / injection rates and minimal impact on data quality
- 🔧 Run using the Bonnetts QC Trigger
- 🔧 Recoverable with industry standard Pulling Tools
- 🔧 Simple, robust design
- 🔧 Standard lower connection 15/16"-10 UN SR, other options available to suit customer requirements

### Technical Information

| Nominal Tubing Size (in) | Tubing Weight (lb/ft) | Actual Gauge Hanger OD (in) |     | Flow Area* (%) |    | HD FRC To Recover (inch) |      |
|--------------------------|-----------------------|-----------------------------|-----|----------------|----|--------------------------|------|
| 4 1/2                    | 10.5 - 21.6           | 2.2                         |     | 59             |    | 2.22                     |      |
| 5                        | 15 - 29.2             | 2.2                         |     | 64             |    | 2.22                     |      |
| 5 1/2                    | 15.5 - 26             | 2.2                         | 3.6 | 68             | 39 | 2.22                     | 3.25 |
| 6 5/8                    | 20 - 47.1             | 2.2                         | 3.6 | 76             | 55 | 2.22                     | 3.25 |
| 7                        | 23 - 44               | 2.2                         | 3.6 | 78             | 58 | 2.22                     | 3.25 |
| 7 5/8                    | 26.4 - 51.2           | 2.2                         | 3.6 | 80             | 63 | 2.22                     | 3.25 |
| 8 5/8                    | 28 - 49.1             | 3.6                         |     | 70             |    | 3.25                     |      |
| 9 5/8                    | 36 - 53.5             | 3.6                         |     | 74             |    | 3.25                     |      |

\* Flow areas will vary slightly between different tubing weights for the same OD tubing

