



# Weatherford®

Thru-Tubing Intervention

## *Inflatable Cement Retainer (ICR)*

Weatherford's high-performance inflatable cement retainer (ICR) incorporates a high-expansion inflatable element with a robust chassis for remedial applications. The ICR is a single-set, permanent design that will accept other Weatherford accessories to allow versatility in a variety of applications.

### *Applications*

- The ICR can be used as a cement retainer or as a permanent bridge plug.
- Tool is capable of high-temperature applications, some in excess of 300°F (149°C).

### *Features, Advantages and Benefits*

- The ICR incorporates Weatherford's patent-pending Get A Grip® anchoring technology to provide excellent anchoring ability, minimizing misruns.
- Dual flapper valves ensure that squeeze pressure is trapped, preventing loss of squeeze pressure and filling the casing/tubing above the retainer with cement.
- Shear-pinned poppet valve prevents premature inflation, minimizing misruns and saving time.
- High-performance inflation elements are capable of up to 3:1 expansion, making the ICR ideal for high-expansion applications.
- Straight-pull shear release facilitates retrieval on slickline, wireline, or coiled tubing.





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### *Specifications*

<b>Tool OD (in./mm)</b>	<b>Minimum ID (in./mm)</b>	<b>Internal Fishneck</b>	<b>Tensile Strength (lb/kg)</b>	<b>Standard Thread Connection</b>
1.690 42.93	0.560 14.22	1.50 GS	28,750 13,041	1-in. WTS-8
1.810 45.97	0.560 14.22		28,750 13,041	1-in. WTS-8
2.130 54.10	0.680 17.27	2.00 GS	37,100 16,828	1 1/4-in. WTS-8
2.500 63.50	0.750 19.05	2.50 GS	79,400 36,015	1 1/2-in. WTS-8
2.875 73.03	0.750 19.05		79,400 36,015	1 1/2-in. WTS-8
3.375 85.73	1.250 31.75	3.50 GS	67,400 30,572	2 3/8-in. WTS-8