

**ELDER TOOLS INTERNATIONAL**

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**Service Tool**

'ETI-32A Retrievable Cementer

'ETI-SC' Tension Unloader

**DESCRIPTION:**

The 'ETI-32A' Retrievable Cementer is a versatile, easy to use tension set service packer which holds differential pressure from above or below. It is designed to run, set, reset and retrieve easily even under adverse conditions.

The 'ETI-SC' Tension Unloader provides a means of equalizing tubing and annulus pressure across the 'ETI-32A' Retrievable Cementer

**APPLICATIONS:**

The 'ETI-32A' Retrievable Cementer is ideal for squeeze cementing, casing testing, stimulation treatments and straddle operations using a retrievable bridge plug. Full bore design minimizes the potential for screen-out during fracturing, does not restrict flow rates and allows the use of through-tubing tools without pulling the packer.

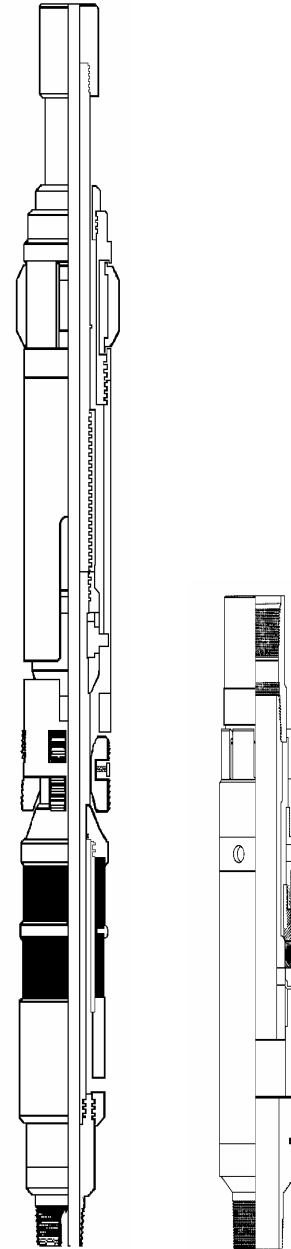
The emergency release system incorporates a left hand high ratio thread. Right hand rotation of the tubing relaxes the packing elements and moves the lower cone well away from the slips so they can fully retract.

**FEATURES:**

- Holds pressure from above or below.
- Internal safety joint above J-pins.
- Safety release
- Full opening.
- Heavy duty construction.
- Bi-Directional slips.
- Available in left or right hand set.

**AVAILABILITY:**

OD (in.)	Casing		Tool		
	Weight (lbs/ft)	Preferred Range of Casing IDs		Size	Max. OD
		Min.	Max.		
4-1/2	9.5-13.5	3.795	4.090	43	3.750
5	13-18	4.151	4.494	44	4.125
5-1/2	20-23	4.545	4.778	45A	4.500
5-1/2	14-20	4.653	5.012	45B	4.625
6-5/8	24-28	5.666	5.921	46	5.625
7	26-32	5.969	6.276	47A	5.875
7	17-26	6.151	6.538	47B	6.125
7-5/8	26.4-33.7	6.640	6.969	48	6.500
8-5/8	24-40	7.600	8.097	49	7.500
9-5/8	43.5-53.5	8.379	8.755	51A	8.250
9-5/8	32.3-43.5	8.599	9.001	51B	8.500
13-3/8	48-77	12.119	12.715	55	12.000



'ETI-32A

'ETI-SC'