

**ELDER TOOLS INTERNATIONAL**

P.O. Box 111      Tel: 361-275-5600  
 Cuero, TX 77954      Fax: 361-275-6700  
 Web Site: <http://www.eldertools.com>  
 Email: [oiltools@eldertools.com](mailto:oiltools@eldertools.com)

**Tension Packer**

Model 'ETI-SL' Shear

**DESCRIPTION:**

The 'ETI-SL' is a compact, economical, retrievable, tension set packer. An optional shear bottom is available for emergency release.

**APPLICATIONS:**

The 'ETI-SL' is primarily used for water flood operations but it can also be used for production or treating shallow and low fluid level wells where tubing set-down weight is not available.

**FEATURES:**

- Bore through the packer mandrel is larger than drift.
- Simple, low cost packer for fluid injection.
- Three release methods insure retrievability.
- Uses proven one-piece packing element.
- Stainless steel drag springs

**To Set Packer:**

1. Lower packer below setting depth.
2. Make last movement down. Rotate tubing to Right 1/4 turn at tool.
3. Pull desired tension (Min. 5,000 Lbs. for 4-1/2 & 5-1/2", Min. 8,000 Lbs. for 7").

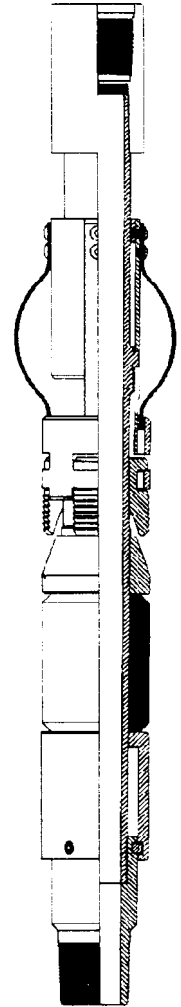
**To Release Packer:**

1. Remove applied Tension (packer should move downhole).
2. Slowly raise tubing (packer has automatic J-slot).

**AVAILABILITY:**

Casing		Packer				Tubing Connection
OD (in.)	Weight (lbs./ft.)	Preferred Range of Casing IDs (in.)		Size	Gage Ring OD (in.)	
		Min.	Max.			
3-1/2	7.7-10.2	2.922	3.068	41A	2.781	1.900 Eu
4-1/2	9.5-13.5	3.795	4.090	43A	3.750	
5	11.5-18	4.276	4.560	44A	4.125	2-3/8 Eu 8 Rd
5-1/2	13-20	4.653	5.190	45A	4.625	
	20-23	4.545	4.653	45B	4.500	
5-1/2*	13-20	4.653	5.190	45A x 2-7/8	4.625	2-7/8 Eu 8 Rd
	20-23	4.545	4.653	45B x 2-7/8	4.500	
6-5/8"	20-24	5.921	6.049	47A4	5.750	
	24-32	5.675	5.921	47A2	5.500	
7	17-29	6.059	6.538	47	6.000	
7-5/8	20-29.7	6.453	6.875	48	6.625	
8-5/8	24-40	7.600	8.097	49A	7.500	
	20-28	7.892	8.191	49B	7.750	
9-5/8	29.3-43.5	8.599	9.063	51B	8.500	
	43.5-53.5	8.535	8.755	51A	8.281	

\*Indicates large bore tools.



'ETI-SL' Shear