

**ELDER TOOLS INTERNATIONAL**

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**Packer-type Bridge Plug**

Model 'ETI-A2HV'

**DESCRIPTION:**

The Elder Tools International Packer Type Bridge Plug is a combination of our versatile 'ETI-A2' Mechanical Double-grip packer and our reliable 'ETI-H' Equalizing Valve. This combination provides the end user with an economical general purpose, compression set, mechanical bridge plug.

**APPLICATIONS:**

Temporary bridge plug for acidizing, fracturing, cementing, casing pressure tests, wellhead replacement and zone isolation.

**FEATURES:**

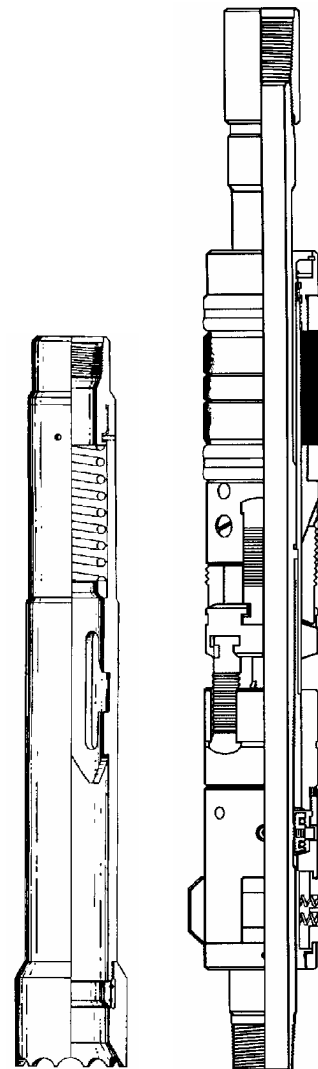
- Pack-off is locked in. The 'ETI-A2' does not rely on tubing weight, tension or trapped hydraulic pressure to maintain its pack-off.
- Holds pressure from above or below.
- Right-hand rotation sets and releases packer.
- Balanced equalizing system. Large by-pass area minimizes plugging by debris.
- Protected seals allow repeated opening. Valve is open while running and retrieving.
- Large, heavy-duty jay pins for added strength.
- Valve can be opened and closed without releasing packer.
- Full bore running/retrieving head permits through tubing perforating.
- Components can be ordered separately for maximum versatility.



Model 'ETI-H' Equalizing Valve

Casing				Bridge Plug		
OD	Weight lbs/ft	Preferred Range of Casing IDs		Packer Size	Gage Ring OD	Valve Size
		Min	Max			
4-1/2	11.6-13.5	3.910	4.000	43A2	3.771	2-3/8 Eu 8rd
	9.5-10.5	4.001	4.090	43A4		
5	15-18	4.250	4.408	43B	4.125	
	20-23	4.625	4.778	45A2	4.500	
5-1/2	15.5-20	4.778	4.950	45A4	4.641	
	13-15.5	4.950	5.190	45B	4.781	
6-5/8	24-32	5.610	5.921	45F	5.484	
	24	5.830	5.937	47A2	5.656	
7	32-35	5.938	6.135	47A4	5.812	
	26-29	6.136	6.276	47B2	5.968	
	23-26	6.276	6.366	47B4	6.078	
7-5/8	33.7-39	6.579	6.797	47C4	6.453	
	24-29.7	6.798	7.025	47D2	6.672	
	20-24	7.025	7.125	47D4	6.812	
9-5/8	47-53.5	8.343	8.681	51A2	8.218	
	40-47	8.681	8.835	51A4	8.437	
	29.3-36	8.836	9.063	51B	8.593	

Contact your Elder Tools INTERNATIONAL representative for complete availability.



Model 'ETI-H' Running/Retrieving Tool

Model 'ETI-A2' Mechanical Locking Packer