



GENERAL PRODUCT SHEET

TIP – Retrievable Inflatable Packer System

PRODUCT DESCRIPTION:

The TAM Inflatable Packer (TIP) is a robust single set rotational release packer designed to be used in the most challenging applications and engineered for drilling environments. The TIP is adaptable for both cased hole and open hole applications, using TAM's proven woven cable and slat elements. The TIP can also be easily converted into a retrievable bridge plug or cement retainer.

PROVIDE SOLUTIONS FOR:

- Cementing operations
- Treating/Stimulation operations
- Flow/Injection testing operations
- Plugback for sidetrack operations
- Single-set mechanical integrity testing
- Permanent or temporary abandonment

FEATURES:

- Simple to operate with no reciprocation of the work string required
- 3.50 inch (88.9 mm) IF (NC-38) connections
- High-tensile, high-torque body connections
- Spring-loaded poppet valve to contain inflation pressure and keep inflation element pressure balanced while lowering tool into the well
- Generous flow area to inflate and deflate the element
- 12-turn right hand rotate release with an 18 inch upward stroke
- Easily converts to retrievable bridge plug

BENEFITS:

- The 425-TIP chassis will accept multiple element sizes and set in 6-1/8 in. through 30 in. open hole and cased hole
- Differential pressure equalizes across the tool before the element deflates
- The tool is resistant to plugging issues in a drilling mud environment
- Fluids can circulate through the tool at higher rates without inflating the element
- Release mechanism provides positive indication the tool is in the release position

TOOL SIZES AND CONFIGURATIONS:

Nominal Tool OD		Tool ID		Elements Available							
				IE		SE 1		SE 2		VE	
(in.)	(mm)	(in.)	(mm)	(in.)	(mm)	(in.)	(mm.)	(in.)	(mm.)	(in.)	(mm)
4.75	108.0	1.82	46.2	4.25	108.0	4.25	108.0	X	X	4.25	108.0
4.75	108.0	1.82	46.2	5.06	128.5	5.25	133.4	5.50	139.7	5.25	133.4
4.75	108.0	1.82	46.2	7.00	177.8	X	X	7.88	200.2	7.38	187.5
4.75	108.0	1.82	46.2	11.00	279.4	X	X	13.38	339.9	11.00	279.4
4.75	108.0	1.82	46.2	14.50	368.3	X	X	15.10	383.5	14.50	368.3

