

Product Information - Packers

Series 5000 DSB Thru-Tubing Packer

General

The TTS Series 5000 DSB Thru-Tubing Packer is a retrievable dual bore packer system that can be deployed and set via coiled tubing, jointed pipe, electric line, and slickline. It utilizes a proven multi-durometer packing system located above a bi-directional caged slip design. This allows for improved sealing and retrievability over current thru-tubing packer systems. The standard differential pressure rating is 5000 psi at 225° F. Customizations are available for special sizes, higher temperature and pressure requirements, as well as for corrosive environments. Available for tubing sizes 2-3/8" to 4-1/2".

Application

- ♦ One trip squeeze gravel packs
- ♦ Washdown gravel packs
- ♦ Straddle packs (tubing patch)
- ♦ Thru-tubing gas lift system installations
- ♦ Velocity string installations
- ♦ Thru-tubing perforating
- ♦ Screen hang-offs
- ♦ Thru-tubing Cement Retainer
- ♦ Retrievable Thru-Tubing Bridge Plug

Features/Benefits

- ♦ Multi-durometer packing system
- ♦ Caged slips located below packing elements
- ♦ Large I.D. and O.D. ratio
- ♦ Dual bore design
- ♦ Slickline, E-Line or Hydraulic Set
- ♦ Standard internal fishing neck

Specifications

Series 5000 DSB Thru-Tubing Packer			
TUBING SIZE (in)	MAX. O.D. (in)	MIN. I.D. (in)	MAX. SLIP RANGE (in)
2-3/8	1.80	1.00	2.04
2-7/8	2.11	1.25	2.40
2-7/8	2.24	1.25	2.52
3-1/2*	2.50	1.375	2.87
3-1/2	2.73	1.50	3.03
3-1/2**	2.78	1.75	3.03
4-1/2	3.67	2.25	4.10

* Special Clearance Packer for 7.9# and 8.7# 2.875" and 3-1/2" 12.95# O.D. Tubing. Other sizes are available upon request.

** Extra large bore designs

