



## Wireline Products

### Series 9306 - Spiral Thru Tubing Bridge Plug

TTS' Spiral Thru-tubing Bridge Plug\* is designed to run through a smaller pipe size or tubing restriction and set in larger ID casing below. The main application is for zonal isolation or abandonment as a base for a cement plug. Other possible uses include; depth control marker for subsequent gravel pack, whipstock, or perforating operations. Deployment of this patented plug system is possible using wireline or coiled tubing.

The plug system consists of a heavy duty anchor and an expanding steel frame covered by a high expansion elastomer. The anchor holds the plug system in place as the steel frame is expanded and engages the elastomer against the ID of the casing wall. Plug construction (seal element and anchor) is modular to allow the operator to adapt to multiple running conditions.

Total run-in length of the TTS Spiral Plug system (plug and setting tool) is a maximum of 14.5' long. This is relatively short compared to currently marketed plug systems that may reach in excess of 30' in length with their required setting tool. TTS has developed a special setting kit that allows deployment by commonly used power charge setting tools already used by service companies in their existing plug setting operations.

#### Features/Benefits

- ♦ Modular design increases operational efficiency
- ♦ Short Overall Length increases ability to reach target zone
- ♦ Compatible with all wireline systems increases setting options
- ♦ Robust design

#### Specifications

Series: 9306 - Spiral Thru Tubing Plug						
Casing Size	Weight (ppf)	ID Setting Range (working)		Tubing Size	Plug OD	Plug Length (left in hole)
		Min	Max			
3-1/2"	-	2.600"	3.340"	2-3/8"	1.81"	54.71"
4"	-	3.240"	3.640"	2-3/8"	1.81"	54.71"
4-1/2"	6.75-18.8	3.640"	4.216"	2-3/8"	1.81"	54.71"
5"	11.5 - 21	4.000"	4.560"	2-3/8"	1.81"	54.71"
5-1/2"	15.5-26	4.548"	4.960"	2-3/8"	1.81"	54.71"
4-1/2"	6.75-18.8	3.515"	4.216"	2-7/8"	2.19"	93.38"
5"	11.5 - 21	4.154"	4.560"	2-7/8"	2.19"	93.38"
5-1/2"	9- 26	4.548"	5.192"	2-7/8"	2.19"	93.38"
6-5/8"	17-28	5.665"	6.135"	2-7/8"	2.19"	93.38"
7"	17-38	5.795"	6.538"	2-7/8"	2.19"	93.38"
7-5/8"	26.4 - 39	6.500"	6.969"	3-1/2"	2.63"	93.6"
7"	17-38	5.795"	6.538"	4-1/2"	3.50"	79.3"
9-5/8"	43.5 - 75.6	7.875"	8.755"	5-1/2"	4.25"	83.3"

The Spiral Plug can be utilized in any tubular ID that falls within the listed range.



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