Continuous Tubing Overshot - TT0180

Description

The Continuous Tubing Overshot is used to retrieve continuous tubing strings that have been parted, stuck, and/or abandoned in the wellbore. The Continuous Tubing Overshot is available for externally engaging continuous tubing strings with 1/4, 3/8, 3/4, 1, 1-1/4, 1-1/2, 1-3/4, 2 and 2-3/8 inch diameters. The overshot consists of four major parts: the Top Sub, Bowl, Grapple and the Guide. A Pack-Off Sub can also be run with the overshot to permit circulation through the tubing string being fished.

Operation

The overshot is attached to the desired fishing string and then lowered to the top of the fish, while maintaining circulation and washing over to the required depth. Lifting the work string will cause the grapple to bite on the coil tubing. The fish parts a few inches to several feet below the overshot, if the fish cannot be pulled out of the hole. Retrieval of the tubing is now possible. If all the tubing is not retrieved, the overshot should be disassembled and a visual inspection made. If any parts are damaged, replace them and repeat the process until all of the tubing is retrieved. The coil tubing will be parted to where the overshot will not have a problem re-latching. The overshot can not be released once the fish has been latched.

Part Number	OD		ID		Length		Maximun Tensile Load		Maximum Torsional Yield	
	in.	mm	in.	mm	in.	cm	lbf	daN	ft-lbf	N-m
TT0180-186B	1.858	47.2	1.300	33.0	24.500	62.2	31,300	13,922	1,010	1,370
TT0180-206B	2.063	52.4	1.313	33.4	23.500	59.7	65,000	28,912	800	1,085
TT0180-209B	2.094	53.2	1.375	34.9	29.400	74.7	30,868	13,730	800	1,085
TT0180-225B	2.250	57.2	1.375	34.9	29.400	74.7	60,149	26,754	1,318	1,787
TT0180-230B	2.295	58.3	1.563	39.7	24.500	62.2	53,000	23,574	1,620	2,197
TT0180-244B	2.438	61.9	1.313	33.4	29.380	74.6	128,350	57,090	2,635	3,573
TT0180-263B	2.625	66.7	1.630	41.4	25.500	64.8	118,500	52,709	2,904	3,938
TT0180-266B	2.655	67.4	1.630	41.4	29.500	74.9	123,250	54,822	3,185	4,319
TT0180-270C	2.700	68.6	1.813	46.1	29.600	75.2	62,000	27,578	2,250	3,051
TT0180-313B	3.125	79.4	1.880	47.8	34.000	86.4	84,000	37,363	2,950	4,000
TT0180-317C	3.166	80.4	2.094	53.2	30.000	76.2	70,100	31,180	3,820	5,180
TT0180-338B	3.375	85.7	2.125	54.0	34.800	88.4	91,100	40,521	4,560	6,183
TT0180-363B	3.625	92.1	2.500	63.5	36.300	92.2	158,000	70,278	4,828	6,547