



Coil Tubing Connector - TT0740



Description

The Coil Tubing Connector is designed to be used on coil tubing having a diameter of 1.00-2.375 inches. The connector consists of a top sub, slip, brass ring, set screws, O-rings and a bottom sub. The Coil Tubing Connector is designed to surpass the tensile and burst of the coil tubing, therefore making the connector much stronger than the coil itself. The connector has a maximum ID for a non-restricted flow rate and allows balls to pass to tools below.

Operation

Installation is simple, the top sub and bottom sub are loosened so the slip can move freely, then the tool is slipped over the dressed coil tubing, and the coil is bumped down in the bottom sub. Holding a back-up wrench on the top sub, the bottom sub is then tightened, forcing the hardened slip around the coil. It is recommended to run a pull and pressure test once the connector is assembled on the coil.

Part Number	Coil Size in.	OD		ID		Length		Maximum Tensile Load		Maximum Torsional Yield	
		in.	mm	in.	mm	in.	cm	lbf	daN	ft-lbf	N-m
TT0740-168A	1.000	1.688	42.9	0.750	19.1	12.400	31.5	30,500	13,566	1,640	2,224
TT0740-169B	1.250	1.688	42.9	0.750	19.1	12.300	31.2	20,000	8,896	1,500	2,034
TT0740-175A	1.000	1.750	44.5	0.750	19.1	12.400	31.5	32,900	14,634	1,790	2,427
TT0740-175B	1.250	1.750	44.5	0.750	19.1	12.300	31.2	26,600	11,832	1,880	2,549
TT0740-181B	1.250	1.813	46.1	0.750	19.1	12.400	31.5	28,200	12,543	2,030	2,753
TT0740-206B	1.250	2.063	52.4	1.000	25.4	13.000	33.0	42,800	19,037	3,640	4,936
TT0740-206C	1.500	2.063	52.4	1.000	25.4	13.000	33.0	40,800	18,148	3,910	5,302
TT0740-213B	1.250	2.125	54.0	1.000	25.4	13.000	33.0	46,000	20,461	3,640	4,936
TT0740-213C	1.500	2.125	54.0	1.000	25.4	13.000	33.0	33,300	14,812	2,790	3,783
TT0740-230D	1.750	2.295	58.3	1.000	25.4	16.400	41.7	40,500	18,014	4,210	5,709
TT0740-270D	1.750	2.700	68.6	1.500	38.1	18.700	47.5	72,200	32,115	3,000	4,068
TT0740-288C	1.500	2.875	73.0	1.125	28.6	19.500	49.5	105,000	46,704	3,500	4,746
TT0740-288D	1.750	2.875	73.0	1.300	33.0	17.400	44.2	108,000	48,038	4,270	5,790
TT0740-288E	2.000	2.875	73.0	1.250	31.8	18.650	47.4	158,400	70,456	4,326	5,866
TT0740-313D	1.750	3.125	79.4	1.000	25.4	18.400	46.7	108,000	48,038	4,270	5,790
TT0740-313E	2.000	3.125	79.4	1.000	25.4	19.900	50.5	113,000	50,262	7,240	9,817
TT0740-325F	2.375	3.250	82.6	1.500	38.1	20.700	52.6	80,700	35,895	2,600	3,526
TT0740-338F	2.375	3.375	85.7	1.500	38.1	20.700	52.6	95,300	42,389	2,700	3,661
TT0740-375F	2.375	3.750	95.3	1.500	38.1	21.400	54.4	134,000	59,603	2,810	3,810