

## Bull Dog Spear - TT0212



### Description

The Bull Dog Spear is a simple means of retrieving a fish from the wellbore. It can be run on wireline as well as on coil tubing. The spear consists of an external fishing neck, mandrel and a grapple.

### Operation

Once the spear is engaged in the fish, pull upward to wedge the mandrel under the grapple. The harder the pull, the harder the grapple will bite into the fish. The spear has a unique feature unlike other bull dog spears; the spear can be released from the fish. Release the running tool from the spear, run back in the hole with a "JD" pulling tool dressed with an "L" core, and latch onto the grapple that has an external fishing neck. Pulling upward will disengage the grapple and retrieval of the spear is possible. The range of catch is listed below.

Part Number	OD		Length		Maximum Tensile Load		Catch Range (in.)
	in.	mm	in.	cm	lbf	daN	
TT0212-059A	1.750	44.5	10.130	25.7	37,500	16,680	0.562 - 0.625 Catch 0.593 Nominal
TT0212-066A	1.750	44.5	10.130	25.7	37,500	16,680	0.625 - 0.718 Catch 0.656 Nominal
TT0212-078A	1.750	44.5	11.220	28.5	37,500	16,680	0.750 - 0.843 Catch 0.781 Nominal
TT0212-091A	1.750	44.5	11.210	28.5	37,500	16,680	0.875 - 0.968 Catch 0.906 Nominal
TT0212-103A	1.750	44.5	9.770	24.8	37,500	16,680	0.938 - 1.062 Catch 1.031 Nominal
TT0212-116A	1.750	44.5	9.770	24.8	37,500	16,680	1.063 - 1.188 Catch 1.155 Nominal
TT0212-128A	1.750	44.5	9.770	24.8	37,500	16,680	1.188 - 1.313 Catch 1.281 Nominal
TT0212-141A	1.750	44.5	9.770	24.8	37,500	16,680	1.343 - 1.468 Catch 1.406 Nominal
TT0212-153A	1.750	44.5	9.200	23.4	37,500	16,680	1.468 - 1.593 Catch 1.531 Nominal
TT0212-166A	2.000	50.8	9.190	23.3	37,500	16,680	1.593 - 1.718 Catch 1.656 Nominal
TT0212-178A	2.000	50.8	9.190	23.3	37,500	16,680	1.688 - 1.813 Catch 1.781 Nominal
TT0212-191A	2.375	60.3	9.770	24.8	37,500	16,680	1.813 - 1.938 Catch 1.906 Nominal
TT0212-203A	2.375	60.3	9.770	24.8	37,500	16,680	1.938 - 2.093 Catch 2.031 Nominal
TT0212-225A	2.625	66.7	9.500	24.1	43,500	19,349	2.250 - 2.350 Catch 2.281 Nominal