

Mechanical Bow Spring Centralizer - TT0911



Description

The Mechanical Bow Spring Centralizer is used to centralize the Bottom Hole Assembly (BHA) inside larger tubing or casing after it has passed through a restricted ID, packer, or production tubing, and then assist in fishing, cutting, milling, under-reaming, or washing over.

Operation

The Centralizer was designed for the springs to be at maximum expansion constantly, collapsing when passing through the restrictions, then expanding back to the desired tubing or casing size in which it is to centralize. Circulation can be maintained through the Centralizer for any hydraulic tools placed below it or for washing. Due to the design of the tool, the tool string will have drag while running in and out of the wellbore. Care should be taken when approaching any restricted diameters, to prevent damage to the springs.

Part Number	OD		ID		Length		Maximum Tensile Load		Maximum Torsional Yield	
	in.	mm	in.	mm	in.	cm	lbf	daN	ft-lbf	N-m
TT0911-168C	1.688	42.9	0.560	14.2	45.000	114.3	34,900	15,524	507	687
TT0911-175C	1.750	44.5	0.560	14.2	45.000	114.3	34,900	15,524	507	687
TT0911-181C	1.813	46.1	0.560	14.2	45.000	114.3	34,900	15,524	507	687
TT0911-213C	2.125	54.0	0.560	14.2	45.000	114.3	42,340	18,833	1,043	1,414
TT0911-225C	2.250	57.2	0.560	14.2	45.000	114.3	42,340	18,833	1,043	1,414
TT0911-288C	2.875	73.0	1.000	25.4	48.000	121.9	95,990	42,696	3,370	4,570