

## Torque-Thru Knuckle Joint - TT0900



### Description

The Torque-Thru Knuckle Joint is used in a deviated well to aid in centralization with running a centralizer, stabilizer or mud motor for a few examples. The Torque-Thru Knuckle Joint will function the same way as a sealed knuckle joint, but it will additionally transmit torque. It can be placed above and below the mud motor, preventing any unnecessary side loads that may reduce the motor's life span or cause damages. The foot-pounds that can be transmitted is equivalent to, if not greater than, the mud motor. The knuckle joint is also sealed to allow for fluid to pass for washing or operating any hydraulic tools below it.

### Operation

Simply install the tool in the tool string where the most flexibility is required. The tool will function automatically.

Part Number	OD		ID		Length		Maximum Tensile Load		Maximum Torsional Yield	
	in.	mm	in.	mm	in.	cm	lbf	daN	ft-lbf	N-m
TT0900-168A	1.688	42.9	0.531	13.5	11.400	29.0	51,600	22,952	308	418
TT0900-175A	1.75	44.5	0.531	13.5	11.380	28.9	51,600	22,952	308	418
TT0900-181A	1.813	46.1	0.531	13.5	11.400	29.0	51,600	22,952	308	418
TT0900-206A	2.063	52.4	0.594	15.1	13.810	35.1	83,130	36,976	578	784
TT0900-213A	2.125	54.0	0.594	15.1	13.900	35.3	83,130	36,976	578	784
TT0900-225A	2.250	57.2	0.625	15.9	15.400	39.1	58,400	25,976	645	875
TT0900-288A	2.875	73.0	0.780	19.8	20.000	50.8	144,090	64,091	1140	1,546
TT0900-313A	3.125	79.4	0.880	22.4	22.840	58.0	171,9000	764,611	868	1,177
TT0900-350A	3.500	88.9	1.000	25.4	24.900	63.2	197,500	87,848	1352	1,833

Note: Screws are always used when tool is assembled