

# TORQUE THROUGH KNUCKLE JOINT

The Torque Through Knuckle Joint was designed to provide additional flexibility to the tool string and allow tools to be run in restricted or highly deviated wells.

The torque through design allows for full angular movement, but at the same time not allowing any rotation.

## Features:

- >Flow through capability
- >Rugged castellated design for heavy torque through capabilities



## Product Specifications:

Tool OD (in)	1.500	1.688	1.750	2.125	2.875
Connections	1" AMMT	1" AMMT	1" AMMT	1 ½" AMMT	2 ¾" PAC
Tensile Strength (lbs)	18,000	20,000	30,000	40,000	75,000
Torsional Strength (ft/lbs)	370	440	450	1050	3100
ID (in)	.438	.625	.656	.875	.750
Length (in)	8.750	9.435	9.435	11.125	14.560
Working Pressure (psi)	5000	10,000	10,000	10,000	10,000

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