



KNUCKLE JOINTS

NEXT GENERATION MILLING TECHNOLOGY

The Knuckle Joint was designed to provide additional flexibility to the tool string and allows tools to be ran in restricted or highly deviated wells

- ### Design Features
- Flow-Thru Capability
 - 360° Rotation
 - Angular of 15°



TECHNICAL SPECIFICATIONS

TOOL OD	CONNECTION	TENSILE YIELD	ID	LENGTH	WORKING PRESSURE
1.690" 43mm	1" AMMT	20,000 lbf 8,928 daNs	0.625" 15.9mm	9.44" 0.24m	10,000 PSI 68.9 MPa
1.750" 44.45mm	1" AMMT	30,000 lbf 13,392 daNs	0.656" 16.7mm	9.44" 0.24m	10,000 PSI 68.9 MPa
2.125" 54mm	1-1/2" AMMT	40,000 lbf 17,857 daNs	0.875" 22.2mm	11.13" 0.28m	10,000 PSI 68.9 MPa
2.875" 73mm	2-3/8" PAC	75,000 lbf 33,482 daNs	0.875" 22.2mm	14.56" 0.37m	10,000 PSI 68.9 MPa

*NOTE: ALL VALUES ARE RATED FOR STANDARD MATERIAL
 **OTHER SIZES AND THREAD VARIATIONS AVAILABLE UPON REQUEST