



Precision Connections BK-HT

4.5 in. 12.6 lb/ft L-80 with 5.25 in. Coupling OD

Pipe Body

Nominal OD	4.500	inches
Nominal Weight	12.60	lb/ft
Wall Thickness	0.271	inches
Plain End Weight	12.25	lb/ft
Drift	3.833	inches
Nominal ID	3.958	inches
Grade	L-80	
Min Yield	80,000	lbf/in ²
Min Tensile	95,000	lbf/in ²
Critical Section Area	3.600	in ²
Pipe Body Yield Strength	288	kips
Min Internal Yield Pressure	8,430	psi
Collapse Pressure	7,500	psi

Connection

Coupling OD	5.250	inches
Coupling Length	7.875	inches
Make Up Loss	3.938	inches
Coupling Critical Area	6.484	in ²
Internal Pressure Rating	100%	
External Pressure Rating	100%	
Tension Efficiency	100%	
Connection Strength	288	kips
Compression Efficiency	100%	
Joint Strength	314	kips
Uniaxial Bend Rating	69.8	° / 100 ft
Min Make Up Torque	2,250	ft-lbs 
Yield Torque	8,750	ft-lbs 



Torque Data Sheet - Precision Connections BK-HT

4.5 in. 12.6 lb/ft L-80 with 5.25 in. Coupling OD

Min Make Up Torque	2,250	ft-lbs	Max Operating Torque	7,400	ft-lbs
Max Make Up Torque	6,550	ft-lbs	Yield Torque	8,750	ft-lbs
Optimum Torque	3,150	ft-lbs			

Representative Torque Turn Graph

