



## Precision Connections BK-HT

4.5 in. 11.6 lb/ft P110 EB with 5.25 in. Coupling OD

### Pipe Body

Nominal OD	4.500	inches
Nominal Weight	11.60	lb/ft
Wall Thickness	0.250	inches
Plain End Weight	11.36	lb/ft
Drift	3.875	inches
Nominal ID	4.000	inches
Grade	P110 EB	
Min Yield	125,000	lbf/in <sup>2</sup>
Min Tensile	130,000	lbf/in <sup>2</sup>
Critical Section Area	3.338	in <sup>2</sup>
Pipe Body Yield Strength	417	kips
Min Internal Yield Pressure	12,150	psi
Collapse Pressure	8,830	psi

### Connection

Coupling OD	5.250	inches
Coupling Length	7.875	inches
Make Up Loss	3.938	inches
Coupling Critical Area	6.484	in <sup>2</sup>
Internal Pressure Rating	100%	
External Pressure Rating	100%	
Tension Efficiency	100%	
Connection Strength	417	kips
Compression Efficiency	100%	
Joint Strength	407	kips
Uniaxial Bend Rating	109.2	° / 100 ft
Min Make Up Torque	3,400	ft-lbs 
Yield Torque	13,050	ft-lbs 



## Torque Data Sheet - Precision Connections BK-HT

4.5 in. 11.6 lb/ft P110 EB with 5.25 in. Coupling OD

Min Make Up Torque	3,400	ft-lbs	Max Operating Torque	11,100	ft-lbs
Max Make Up Torque	9,800	ft-lbs	Yield Torque	13,050	ft-lbs
Optimum Torque	4,700	ft-lbs			

**Representative Torque Turn Graph**

