



Keeping You Connected.



SEMI PREMIUM CONNECTIONS  
FIELD TESTED. FIELD PROVEN.

## Precision Connections BK

### 4.5 in. 15.1 lb/ft P-110 with 5 in. Coupling OD

#### Pipe Body

Nominal OD	4.500	inches
Nominal Weight	15.10	lb/ft
Wall Thickness	0.337	inches
Plain End Weight	14.98	lb/ft
Drift	3.701	inches
Nominal ID	3.826	inches
Grade	P-110	
Min Yield	110,000	lbf/in <sup>2</sup>
Min Tensile	125,000	lbf/in <sup>2</sup>
Critical Section Area	4.407	in <sup>2</sup>
Pipe Body Yield Strength	485	kips
Min Internal Yield Pressure	14,420	psi
Collapse Pressure	14,340	psi

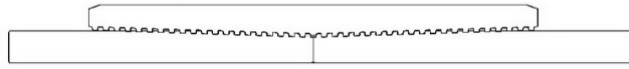
#### Connection

Coupling OD	5.000	inches
Coupling Length	7.875	inches
Make Up Loss	3.938	inches
Critical Section Area	4.472	in <sup>2</sup>
Internal Pressure Rating	100%	
External Pressure Rating	100%	
Tension Efficiency	100%	
Connection Strength	485	kips
Compression Efficiency	100%	
Uniaxial Bend Rating	100.9	° / 100 ft
Min Make Up Torque	3,550	ft-lbs
Yield Torque	13,700	ft-lbs

v1.2

7/26/2018

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**Torque Data Sheet - Precision Connections BK**

**4.5 in. 15.1 lb/ft P-110 with 5 in. Coupling OD**

Min Make Up Torque	3,550	ft-lbs	Max Operating Torque	11,650	ft-lbs
Max Make Up Torque	10,300	ft-lbs	Yield Torque	13,700	ft-lbs
Optimum Torque	4,950	ft-lbs			

**Representative Torque Turn Graph**

