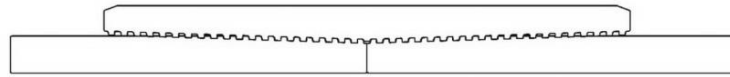




Keeping You Connected.



SEMI PREMIUM CONNECTIONS
FIELD TESTED. FIELD PROVEN.

Precision Connections BK

4.5 in. 13.5 lb/ft P-110 with 5 in. Coupling OD

Pipe Body

Nominal OD	4.500	inches
Nominal Weight	13.50	lb/ft
Wall Thickness	0.29	inches
Plain End Weight	13.04	lb/ft
Drift	3.795	inches
Nominal ID	3.920	inches
Grade	P-110	
Min Yield	110,000	lbf/in ²
Min Tensile	125,000	lbf/in ²
Critical Section Area	3.836	in ²
Pipe Body Yield Strength	422	kips
Min Internal Yield Pressure	12,410	psi
Collapse Pressure	10,690	psi

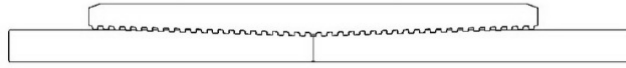
Connection

Coupling OD	5.000	inches
Coupling Length	7.875	inches
Make Up Loss	3.938	inches
Critical Section Area	4.472	in ²
Internal Pressure Rating	100%	
External Pressure Rating	100%	
Tension Efficiency	100%	
Connection Strength	422	kips
Compression Efficiency	100%	
Uniaxial Bend Rating	100.9	° / 100 ft
Min Make Up Torque	2,800	ft-lbs
Yield Torque	10,750	ft-lbs

v1.2

7/26/2018

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Torque Data Sheet - Precision Connections BK

4.5 in. 13.5 lb/ft P-110 with 5 in. Coupling OD

Min Make Up Torque	2,800	ft-lbs	Max Operating Torque	9,150	ft-lbs
Max Make Up Torque	8,050	ft-lbs	Yield Torque	10,750	ft-lbs
Optimum Torque	3,850	ft-lbs			

Representative Torque Turn Graph

