



Keeping You Connected.



SEMI  
**PREMIUMCONNECTIONS**  
FIELD TESTED. FIELD PROVEN.

## Precision Connections BK-HT

4.5 in. 11.6 lb/ft P-110 with 5.25 in. Coupling OD

### Pipe Body

|                             |         |                     |
|-----------------------------|---------|---------------------|
| Nominal OD                  | 4.500   | inches              |
| Nominal Weight              | 11.60   | lb/ft               |
| Wall Thickness              | 0.25    | inches              |
| Plain End Weight            | 11.35   | lb/ft               |
| Drift                       | 3.875   | inches              |
| Nominal ID                  | 4.000   | 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       | 3.338   | in <sup>2</sup>     |
| Pipe Body Yield Strength    | 367     | kips                |
| Min Internal Yield Pressure | 10,690  | psi                 |
| Collapse Pressure           | 7,580   | psi                 |

### Connection

|                          |        |                 |
|--------------------------|--------|-----------------|
| Coupling OD              | 5.250  | inches          |
| Coupling Length          | 7.875  | inches          |
| Make Up Loss             | 3.938  | inches          |
| Critical Section Area    | 6.484  | in <sup>2</sup> |
| Internal Pressure Rating | 100%   |                 |
| External Pressure Rating | 100%   |                 |
| Tension Efficiency       | 100%   |                 |
| Connection Strength      | 367    | kips            |
| Compression Efficiency   | 100%   |                 |
| Uniaxial Bend Rating     | 96.1   | ° / 100 ft      |
| Min Make Up Torque       | 3,000  | ft-lbs          |
| Yield Torque             | 11,500 | ft-lbs          |

v1.2

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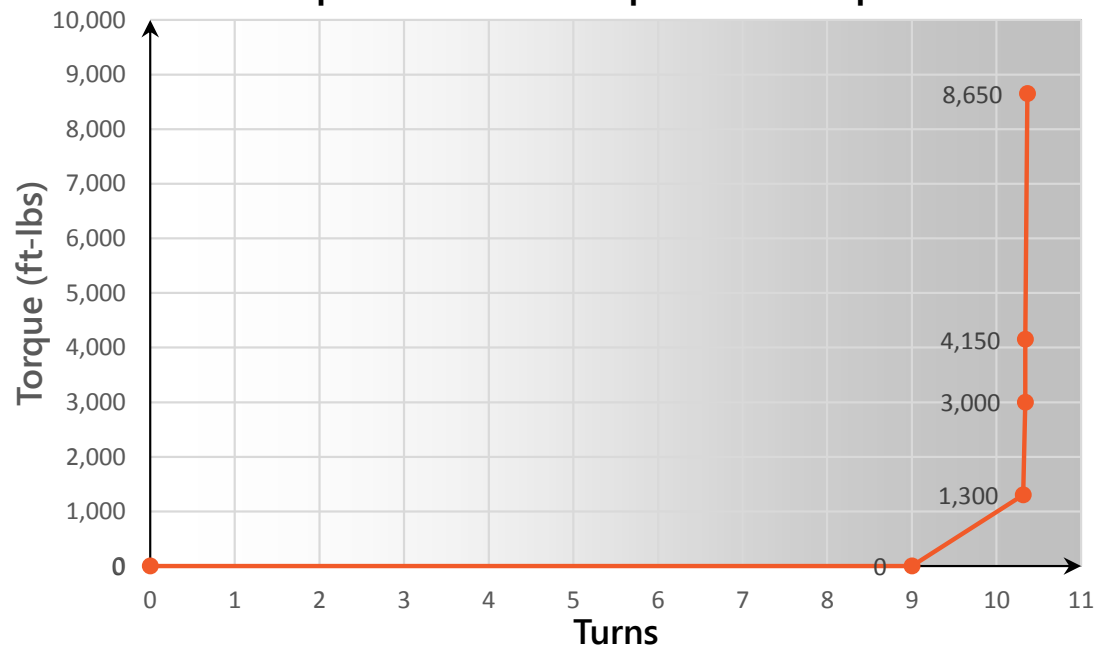
## Torque Data Sheet - Precision Connections BK-HT

4.5 in. 11.6 lb/ft P-110 with 5.25 in. Coupling OD

|                    |       |        |
|--------------------|-------|--------|
| Min Make Up Torque | 3,000 | ft-lbs |
| Max Make Up Torque | 8,650 | ft-lbs |
| Optimum Torque     | 4,150 | ft-lbs |

|                      |        |        |
|----------------------|--------|--------|
| Max Operating Torque | 9,800  | ft-lbs |
| Yield Torque         | 11,500 | ft-lbs |

**Representative Torque Turn Graph**



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