

## Precision Connections BK-HT

7 in. 32 lb/ft P110 EB with 7.875 in. Coupling OD

### Pipe Body

|                             |         |                     |
|-----------------------------|---------|---------------------|
| Nominal OD                  | 7.000   | inches              |
| Nominal Weight              | 32.00   | lb/ft               |
| Wall Thickness              | 0.453   | inches              |
| Plain End Weight            | 31.70   | lb/ft               |
| Drift                       | 6.000   | inches              |
| Nominal ID                  | 6.094   | 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       | 9.317   | in <sup>2</sup>     |
| Pipe Body Yield Strength    | 1165    | kips                |
| Min Internal Yield Pressure | 14,160  | psi                 |
| Collapse Pressure           | 12,400  | psi                 |

### Connection

|                          |        |                                                                                              |
|--------------------------|--------|----------------------------------------------------------------------------------------------|
| Coupling OD              | 7.875  | inches                                                                                       |
| Coupling Length          | 9.000  | inches                                                                                       |
| Make Up Loss             | 4.500  | inches                                                                                       |
| Coupling Critical Area   | 11.859 | in <sup>2</sup>                                                                              |
| Internal Pressure Rating | 100%   |                                                                                              |
| External Pressure Rating | 100%   |                                                                                              |
| Tension Efficiency       | 100%   |                                                                                              |
| Connection Strength      | 1165   | kips                                                                                         |
| Compression Efficiency   | 100%   |                                                                                              |
| Joint Strength           | 1121   | kips                                                                                         |
| Uniaxial Bend Rating     | 72.8   | ° / 100 ft                                                                                   |
| Min Make Up Torque       | 10,000 | ft-lbs  |
| Yield Torque             | 55,700 | ft-lbs  |



## Torque Data Sheet - Precision Connections BK-HT

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Min Make Up Torque 10,000 ft-lbs

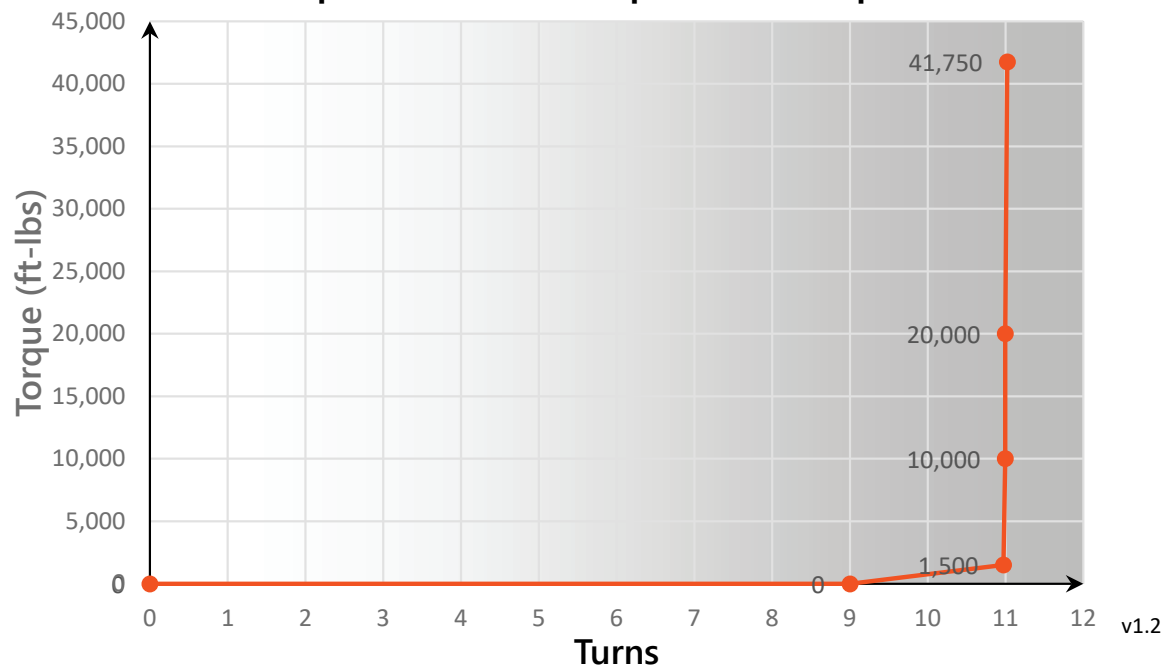
Max Make Up Torque 41,750 ft-lbs

Optimum Torque 20,000 ft-lbs

Max Operating Torque 47,350 ft-lbs

Yield Torque 55,700 ft-lbs

### Representative Torque Turn Graph



v1.2

8/24/2020