

Precision Connections BK-HT

4.5 in. 15.1 lb/ft P110 EB with 5.25 in. Coupling OD

Pipe Body

Nominal OD	4.500	inches
Nominal Weight	15.10	lb/ft
Wall Thickness	0.337	inches
Plain End Weight	15.00	lb/ft
Drift	3.701	inches
Nominal ID	3.826	inches
Grade	P110 EB	
Min Yield	125,000	lbf/in ²
Min Tensile	130,000	lbf/in ²
Critical Section Area	4.407	in ²
Pipe Body Yield Strength	551	kips
Min Internal Yield Pressure	16,380	psi
Collapse Pressure	16,490	psi

Connection

Coupling OD	5.250	inches
Coupling Length	7.875	inches
Make Up Loss	3.938	inches
Coupling Critical Area	6.484	in ²
Internal Pressure Rating	100%	
External Pressure Rating	100%	
Tension Efficiency	100%	
Connection Strength	551	kips
Compression Efficiency	100%	
Joint Strength	537	kips
Uniaxial Bend Rating	109.2	° / 100 ft
Min Make Up Torque	5,600	ft-lbs
Yield Torque	21,600	ft-lbs



Torque Data Sheet - Precision Connections BK-HT

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Min Make Up Torque 5,600 ft-lbs

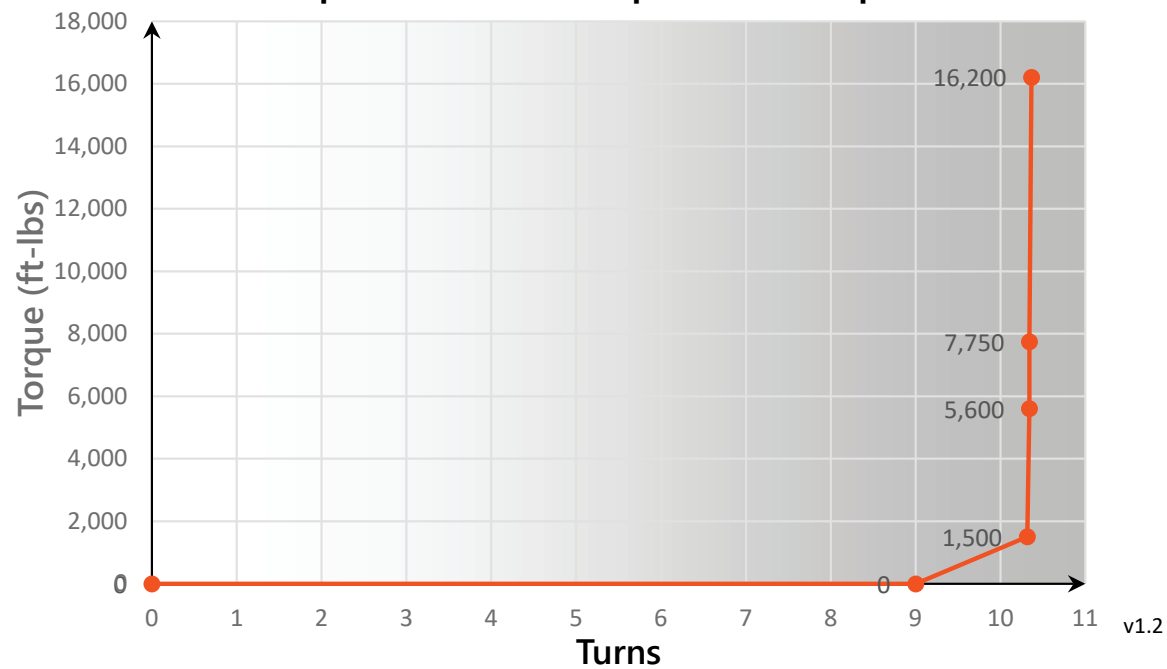
Max Make Up Torque 16,200 ft-lbs

Optimum Torque 7,750 ft-lbs

Max Operating Torque 18,350 ft-lbs

Yield Torque 21,600 ft-lbs

Representative Torque Turn Graph



v1.2

8/24/2020