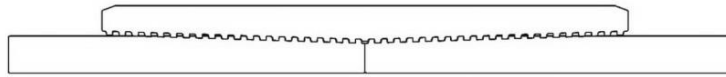




Keeping You Connected.



SEMI
PREMIUMCONNECTIONS
FIELD TESTED. FIELD PROVEN.

Precision Connections BK-HT

4.5 in. 13.5 lb/ft P110 EC with 5.25 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	P110 EC	
Min Yield	125,000	lbf/in ²
Min Tensile	135,000	lbf/in ²
Critical Section Area	3.836	in ²
Pipe Body Yield Strength	479	kips
Min Internal Yield Pressure	14,100	psi
Collapse Pressure	11,600	psi

Connection

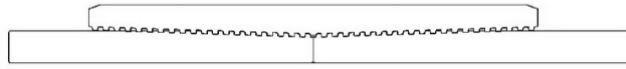
Coupling OD	5.250	inches
Coupling Length	7.875	inches
Make Up Loss	3.938	inches
Critical Section Area	6.484	in ²
Internal Pressure Rating	100%	
External Pressure Rating	100%	
Tension Efficiency	100%	
Connection Strength	479	kips
Compression Efficiency	100%	
Uniaxial Bend Rating	109.2	° / 100 ft
Min Make Up Torque	4,450	ft-lbs
Yield Torque	17,050	ft-lbs



v1.2

7/26/2018

This documentation contains confidential and proprietary information not to be reproduced or divulged in whole or in part to anyone outside of your company without prior written authorization from Precision Connections, LLC, and such documentation and information is provided to you upon such conditions of confidentiality.



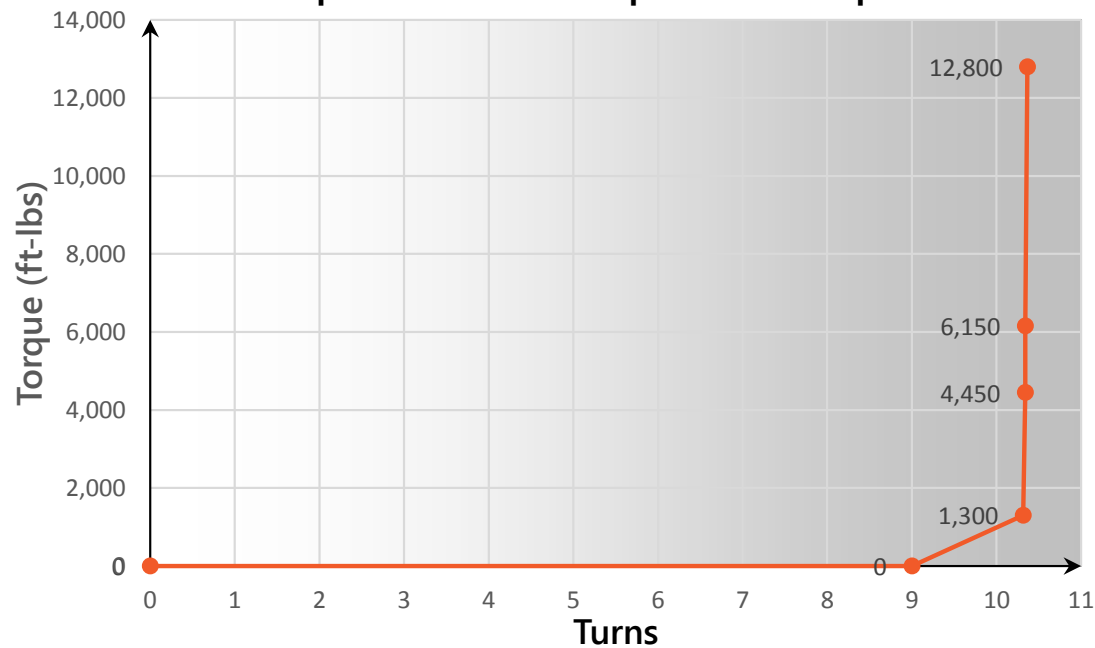
Torque Data Sheet - Precision Connections BK-HT

4.5 in. 13.5 lb/ft P110 EC with 5.25 in. Coupling OD

Min Make Up Torque	4,450	ft-lbs
Max Make Up Torque	12,800	ft-lbs
Optimum Torque	6,150	ft-lbs

Max Operating Torque	14,500	ft-lbs
Yield Torque	17,050	ft-lbs

Representative Torque Turn Graph



v1.2

7/26/2018