Welded Tube
Fueling Growth, Shaping Futures

CASING TECHNICAL DATA SHEET
5.5 x 0.361 HPP110 GBCD Slim Hole

Reviewed by: Sr. Quality Engineer
Approved by: Corporate Director-QEHS

TDS Date (MM/DD/YY) 11-9-26

PIPE BODY DATA	Unit	Imperial	Metric	Unit
Nominal Outside Diameter	in	5.500	139.70	mm
Nominal Wall Thickness	in	0.361	9.17	mm
Remaining Body Wall (RBW)		95.0%	95.0%	
Type of Thread		GBCD	GBCD	
Grade		HPP110	HPP110	
Coupling Type		Slim Hole	Slim Hole	
Label Weight		20.00	29.76	
Plain End Weight	lb/ft	19.83	29.52	kg/m
Pipe Minimum Yield	ksi	125	862	MPa
Pipe Maximum Yield	ksi	140	965	MPa
Pipe Minimum Tensile	ksi	125	862	MPa
Standard Drift Diameter (min)	in	4.653	118.18	mm
Alternate Drift Diameter (min)	in	N/A	N/A	mm
Pipe Body Plain End Yield	lb	729,000	330,670	kg
Pipe Body Internal Yield	psi	15,590	107,490	kPa
Collapse Pressure - Standard	psi	N/A	N/A	kPa
Collapse Pressure - High	psi	13,150	90,670	kPa

CONNECTION DATA				
Coupling Minimum Yield	ksi	See Next Page	See Next Page	MPa
Coupling Maximum Yield	ksi	See Next Page	See Next Page	MPa
Coupling Minimum Tensile	ksi	See Next Page	See Next Page	MPa
Coupling or Joint Outside Diameter (nom)	in	See Next Page	See Next Page	mm
Coupling Thread Fracture Strength	lb	See Next Page	See Next Page	kg
Pipe Thread Fracture Strength	lb	See Next Page	See Next Page	kg
Pull Out Strength	lb	See Next Page	See Next Page	kg
Nominal Make-Up Torque or Make-up Torque Range	ft-lb	See Next Page	See Next Page	N-m
Coupling Internal Yield	psi	See Next Page	See Next Page	kPa
Internal Yield of Joint	psi	See Next Page	See Next Page	kPa

WELDED TUBE GENERAL INPUT CRITERIA		
Coupling Color Code		White
Coupling Color Code for the Band		None
Pipe Color Code Identification	2" Band(s)	One White
Additional Color Band (approx.10' from box end)		Orange

Note:

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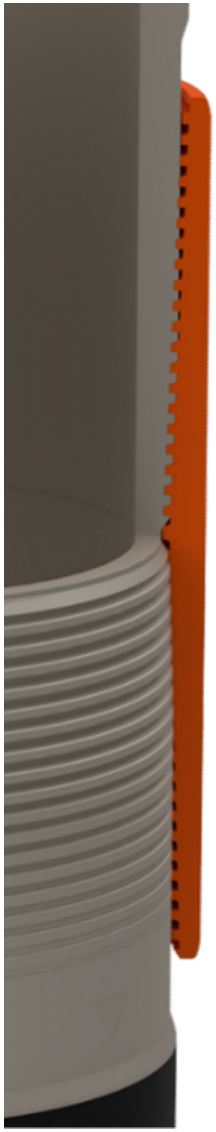
GBCONNECTIONS

ENGINEERING THE RIGHT CONNECTIONS

GB Connection Performance Properties Sheet

Rev. 0 (11/11/2026)

ENGINEERING THE RIGHT CONNECTIONS™



Casing: 5.5 OD, 20 ppf
Casing Grade: WTC HP P110 (95% RBW)

Connection: GB CD Slim Hole 5.900
Coupling Grade: 125 ksi

PIPE BODY GEOMETRY					
Nominal OD (in.)	5 1/2	Wall Thickness (in.)	0.361	Drift Diameter (in.)	4.653
Nominal Weight (ppf)	20.00	Nominal ID (in.)	4.778	API Alternate Drift Dia. (in.)	N/A
Plain End Weight (ppf)	19.83	Plain End Area (in.^{2})	5.828	Plain End Area OD Turn (in.^{2})	5.398

PIPE BODY PERFORMANCE**					
Material Specification	WTC HP P110 (95% RBW	Min. Yield Str. (psi)	125,000	Min. Ultimate Str. (psi)	125,000
Collapse		**Tension**		**Pressure**	
API (psi)	12,080	Pl. End Yield Str. (kips)	729	Min. Int. Yield Press. **(psi)	15,590
High Collapse** (psi)	13,150	**Torque**		**Bending**	
		Yield Torque (ft-lbs)	78,230	Build Rate to Yield (°/100 ft)	104.2

GB CD Slim Hole 5.900 COUPLING GEOMETRY			
Coupling OD (in.)	5.900	Makeup Loss (in.)	4.250
Coupling Length (in.)	8.500	Critical Cross-Sect. (in.^{2})	5.114

GB CD Slim Hole 5.900 CONNECTION PERFORMANCE RATINGS/EFFICIENCIES						
Material Specification	125 ksi	Min. Yield Str. (psi)		125,000	Min. Ultimate Str. (psi)	135,000
Tension		**Efficiency**			**Bending**	
			Gas	**Liquid*** **		
Tension OD Turn (kips)	675	Internal Pressure (%)	79%	100%	Build Rate to Yield (°/100 ft)	97.1
Thread Str. (kips)	635	External Pressure (%)	100%		**Yield Torque**	
Min. Tension Yield (kips)	607	Tension (%)	90%		Yield Torque (ft-lbs)	31,540
Min. Tension Ult. (kips)	656	Compression (%)	90%			
Joint Str. (kips)	635	Ratio of Areas (Cplg/Pipe)	0.88			
		Ratio of Areas (Cplg/OD Turn)	0.95			

MAKEUP TORQUE					
Min. MU Tq. (ft-lbs)	10,000	Max. MU Tq. (ft-lbs)	20,000	Running Tq. (ft-lbs)	See GBC RP
				Max. Operating Tq. (ft-lbs)*	29,970

Units: US Customary (lbm, in., °F, lbf)
1 kip = 1,000 lbs
* See Running Procedure for description and limitations.
See attached: Notes for GB Connection Performance Properties.
GBC Running Procedure (GBC RP): www.gbconnections.com/resources/running-procedures/
Blanking Dimensions: www.gbconnections.com/resources/documentation/#blanking-dimensions
Connection yield torque rating based on physical testing or extrapolation therefrom
** Casing properties applicable to WTC HP P110 (95% RBW) grade with min. yield 125 ksi.
***Liquid Sealability for operational (frac) loading
GB CD Slim Hole US Patent Pending

GB CD Slim Hole IS NOT compatible with
GB CD/CDE or API BC
Slip Type Elevators and handling plugs required for running