Welded Tube
Fueling Growth, Shaping Futures

CASING TECHNICAL DATA SHEET
5.5 x 0.361 P110MY GBCD

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

TDS Date (MM/DD/YY) 1-19-26

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		P110MY	P110MY	
Coupling Type		11th Edition	11th Edition	
Label Weight		20.00	29.76	
Plain End Weight	lb/ft	19.83	29.52	kg/m
Pipe Minimum Yield	ksi	120	827	MPa
Pipe Maximum Yield	ksi	135	931	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	699,000	317,060	kg
Pipe Body Internal Yield	psi	14,970	103,210	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	110	758	MPa
Coupling Maximum Yield	ksi	125	862	MPa
Coupling Minimum Tensile	ksi	125	862	MPa
Coupling or Joint Outside Diameter (nom)	in	6.300	160.02	mm
Coupling Thread Fracture Strength	lb	1,013,000	459,490	kg
Pipe Thread Fracture Strength	lb	679,000	307,990	kg
Pull Out Strength	lb	679,000	307,990	kg
Nominal Make-Up Torque or Make-up Torque Range	ft-lb	10,000	13,560	N-m
Coupling Internal Yield	psi	14,970	103,210	kPa
Internal Yield of Joint	psi	14,970	103,210	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)		Yellow

Note:

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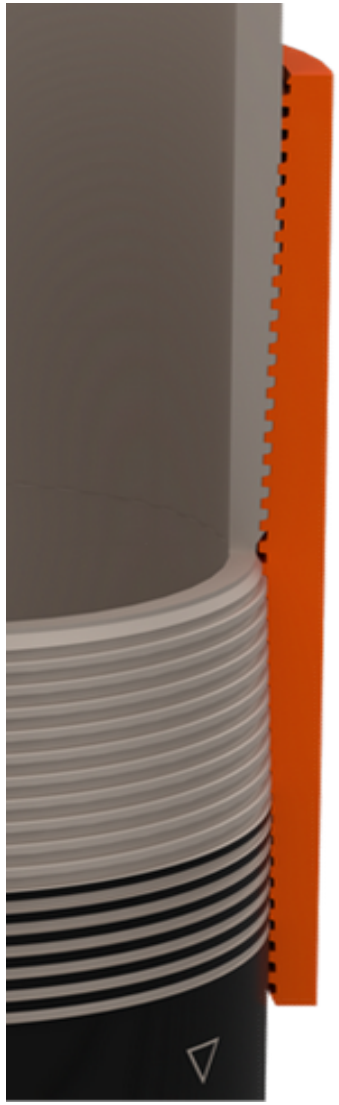
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GBCONNECTIONS
ENGINEERING THE RIGHT CONNECTIONS

GB Connection Performance Properties Sheet

Rev. 0 (01/09/2026)

ENGINEERING THE RIGHT CONNECTIONS™



Casing: 5.5 OD, 20 ppf
Casing Grade: WTC P110MY (95%RBW)

Connection: GB CD Butt 6.300
Coupling Grade: API P-110

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		

PIPE BODY PERFORMANCE**					
Material Specification	WTC P110MY (95%RBW)	Min. Yield Str. (psi)	120,000	Min. Ultimate Str. (psi)	125,000
Collapse		**Tension**		**Pressure**	
API (psi)	11,770	Pl. End Yield Str. (kips)	699	Min. Int. Yield Press. (psi)	14,970
High Collapse (psi)	13,150	**Torque**		**Bending**	
		Yield Torque (ft-lbs)	81,190	Build Rate to Yield (°/100 ft)	100.0

GB CD Butt 6.300 COUPLING GEOMETRY					
Coupling OD (in.)	6.300	Makeup Loss (in.)	4.2500		
Coupling Length (in.)	8.500	Critical Cross-Sect. (in.^{2})	8.527		

GB CD Butt 6.300 CONNECTION PERFORMANCE RATINGS/EFFICIENCIES					
Material Specification	API P-110	Min. Yield Str. (psi)	110,000	Min. Ultimate Str. (psi)	125,000
Tension		**Efficiency**		**Bending**	
Thread Str. (kips)	679	Internal Pressure (%)	100%	Build Rate to Yield (°/100 ft)	80.0
Min. Tension Yield (kips)	891	External Pressure (%)	100%	**Yield Torque**	
Min. Tension Ult. (kips)	1,013	Tension (%)	100%	Yield Torque (ft-lbs)	34,020
Joint Str. (kips)	679	Compression (%)	100%		
		Ratio of Areas (Cplg/Pipe)	1.46		

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)*	32,320

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 P110MY (95%RBW) grade with min. yield 120 ksi.