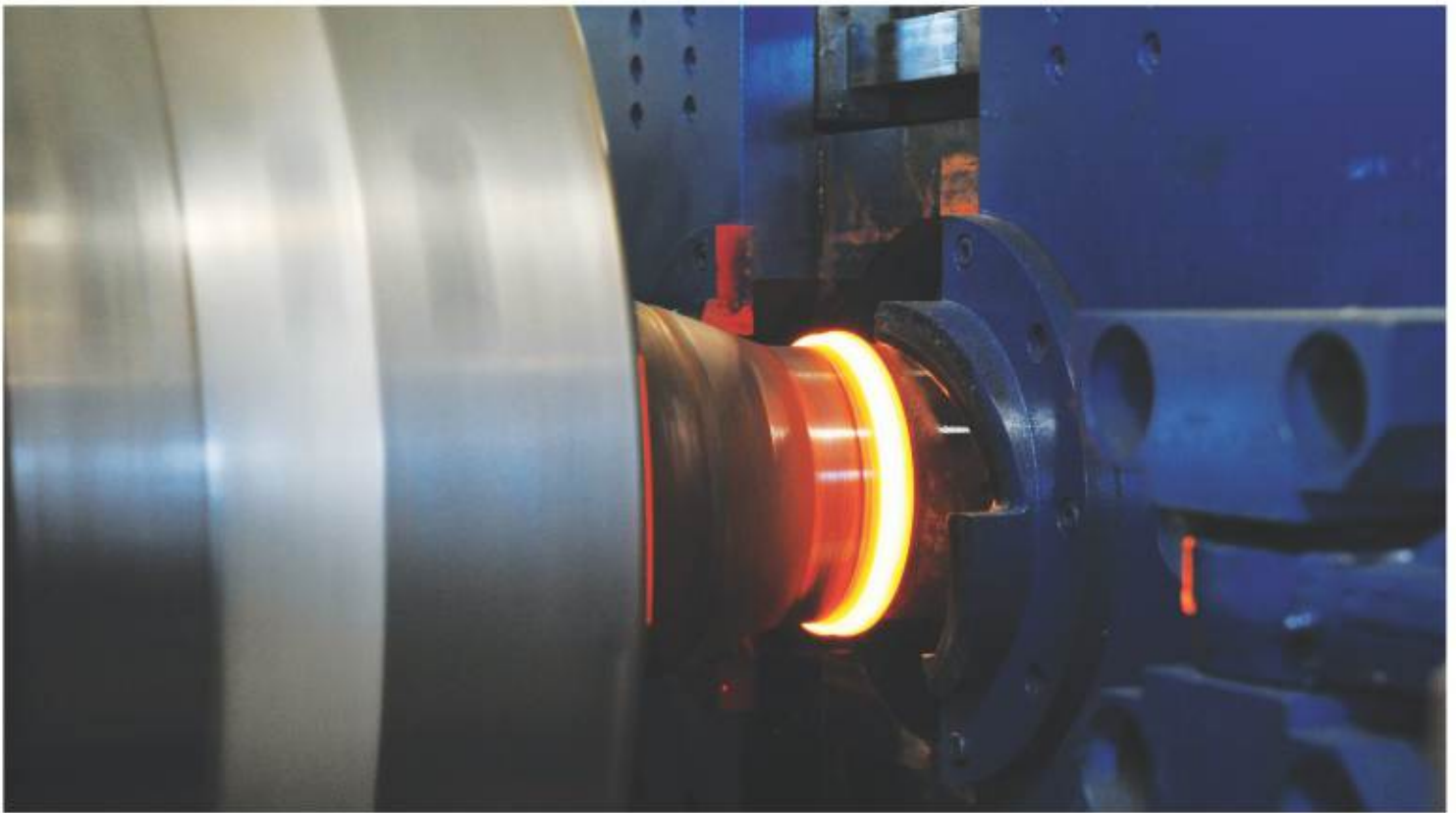


www.drillpipeinternational.com



DRILL PIPE
INTERNATIONAL, LLC



“AT DRILL PIPE INTERNATIONAL LLC, we firmly believe that Quality translation into Success.”

Quality of Thought

Innovation and flexibility in thinking allows us to look at ideas from diverse perspectives, enabling us to venture into uncharted territories and discover newer options

Quality of Action

Up-gradation of ideas and products enables us to position ourselves at the right time and the right place in the market arena

Quality of People

Our team is made up of dedicated, performance-oriented, well-informed individuals, with a proven track-record

Core Values

Integrity

Conduct all business dealings along transparent lines.

Respect for Individual

Recognise each individual's contribution to the growth and development of the Company.

Meritocracy

Foster an environment of excellence in performance.

Dynamic Thinking

Demonstrate a winner's attitude with a crystal clear focus on delivering sustained value for all Stakeholders.

Creativity & Innovation

Encourage creative experimentation, embrace new ideas and institutionalize continuous improvement in all aspects of business and performance.

Social Responsibility

Dedicate efforts to social and environmental issues to enrich the quality of life of the communities we serve.

About Us :

Drill pipe international LLC is US based integrated manufacturer serving to Downhole industry by providing Drill pipe.

With every new objective, the organization has been continuously expanding, integrating, amalgamating and growing in new direction. Drill Pipe International LLC has started drill pipe manufacturing operation in Minneapolis, MN and is staffed by downhole industry professional with many years of experience in the manufacturing. Considering the growing demand on Downhole industry, Drill pipe International has put up two additional Friction welding lines & Tool Joint Manufacturing plant at Baytown, TX.

Product Range

Our Drill Pipe Manufacturing capability ranges from 2 3/8" to 6 5/8" in grades E, G, S, X in length range 1, Range 2, & Range 3. Drill Pipes with Special Grade & specs like Sour Service & NS1 are available against individual order.

Quality :

Drill Pipe International LLC is formed with the goal of producing the most competitively priced, premium quality oil field drill pipe. Quality is guaranteed through every step in the manufacturing process. With investment made in technology, our State of the art manufacturing facility is equipped with Friction welders, Upset, Heat Treatment facility, Tool Joint forging & machining unit, MPI UT, HB & IPC. From raw material arrival to finished drill pipe departure, 100% quality inspection is guaranteed & traced. With decades of experience in the down hole drilling tool industry, Drill pipe International, LLC strives to meet your every need.

Value-added Products

Constant Technology up-gradation and continuous research, combined with proactive marketing are critical factors that have contributed towards making us a supplier of quality products.

Value Creation for Customers

Superior business ethics ... high quality products ... technology , proactive marketing ... competitive pricing ... timely deliveries ... these are just a few of the factors that create value for our customers and contribute towards our success in the marketplace. And our customers are happy to come back to us - time and time again.



The Winning Combination :

With the unbeatable combination of Upset machine, HT Furnace, Tool Joint Mfg plant, Friction welding, Post Weld HT, MPI, UT , Finishing facility i.e. M&B, Hardbanding, Internal Plastic coating and Balancing Equipment, Drill Pipe International LCC is perfectly positioned to cater to the varied demands of Downhole equipment in domestic as well as international markets.



Manufacturing & Process

Drill Pipe International LLC sources green tubes, ready to weld tubes with 95% RBW from selected proven domestic as well as foreign seamless mills. Tool Joints are forged & machined in its own captive facility at Baytown, TX. Tool Joint forging plant has capability to produce Tool Joint with 2" LTS and 4" LTS (Longer than Standard). Drill pipe international, LLC produces all API connections, double shoulder connections and High torque connections as per API, Sour Service and NS-1 standards.

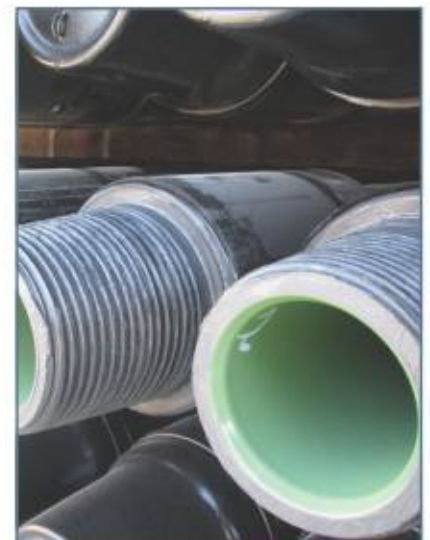
Hardbanding :

Drill Pipe International is an approved applicator for below most common Hardband type.

Duraband, Arnco, & Armacor

Internal Plastic Coating (IPC)

Drill Pipe International OFFERS Drill Pipe with JSU-3. It's designed to protect drill pipe with excellent resistance to a wide range of chemical environment under high temperature and pressure. The system offers improved hydraulics, while extending the useful life of the drill pipe assembly. Drilling through formations up to 350° F is possible with maintained circulation.



Performance characteristic of JSU-3	
Coating Description	Drill pipe
Type	Powder-epoxy Novalac
Color	Green
Temperature	See note below in limited service
Applied Thickness	8-20 mils
Pressure	upto yield strength of pipe
Primary service	Natural and synthetic drilling muds and completion fluids
Primary applications	Drill pipe coating for corrosion protection , scale mitigation and hydraulic efficiency.
Limited service	Note: JSU-3 will withstand all temperatures upto 350 Deg F during drilling provided circulation is maintained.

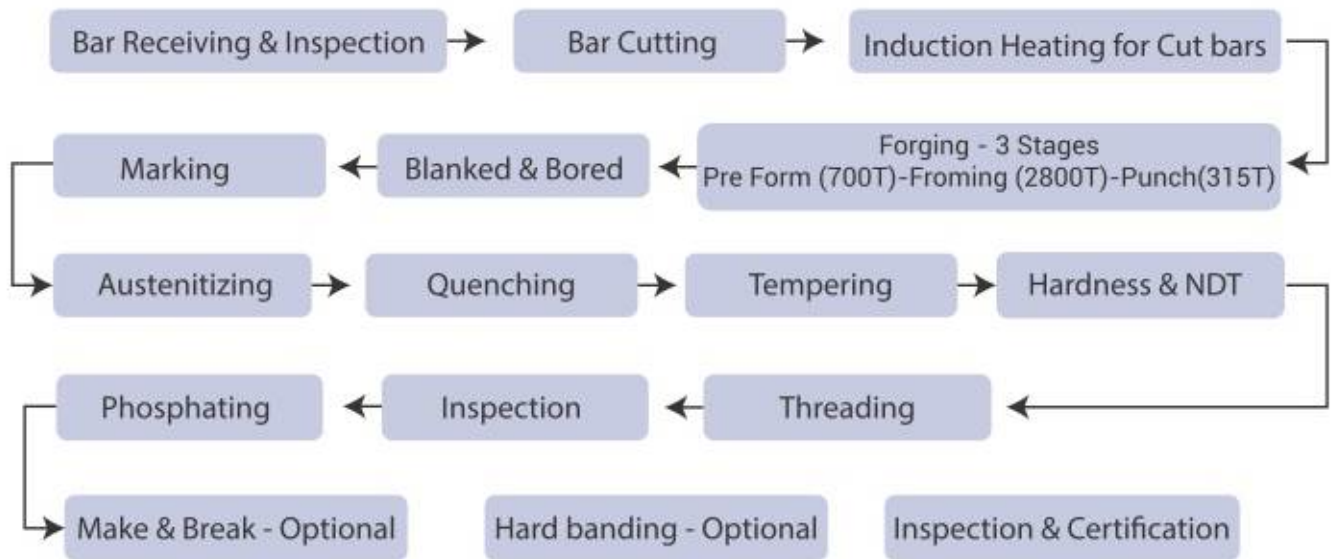


Tool Joint :

All tool joints are manufactured in house at the state of the art facility at Baytown. Tool joint forgings/blanks are being finished using state of the art CNC machines, guaranteeing accuracy and quality. Drill Pipe International, LLC thoroughly inspects all bars and forgings from which tool joints will be manufactured. Tool joints are produced using Alloy Steel grade and heat treated to API standards before threading. All threading is done in accordance with API spec 7. Hardbanding is available upon customer request. Drill Pipe International has the capacity to meet the needs of any customer. Tool Joint forging plant has capability to produce Tool Joint with 2" LTS and 4" LTS (Longer than Standard). Drill pipe international, LLC produces all API connections, double shoulder connections and High torque connections as per API, DS-1 and NS-1 Standards



Process Flow - Forge Shop



Connections Offering:

- ▶ API Connections
- ▶ Double Shoulder Connections (DPDS)
- ▶ High Torque Rotary Shoulder Connections (DPHT)

Quality Assurance & Approvals

An Eye for Perfection

Commitment to Customers, Flexibility in Manufacturing and Total Quality Management are principles which have enabled Drill Pipe International LLC to deliver value to our customers. Stringent system-based quality control is implemented at each stage of production. Our service standards focus on customer requirements and we strive for the highest user satisfaction.

- 1) ISO 9001-2008 certification
- 2) API 5DP, API 5CT, & API Spec 7-1 Certified.



Pipe Body												
Nominal Size (in)	"Weight (lbs/ft)"	Grade	Upset	Wall Thickness (in)	ID (in)	Torsional Strength (ft-lbs)	Tensile Strength (lbs)	"Collapse Pressure (psi)"	Burst Pressure (psi)	Connection	OD (in)	ID (in)
2 3/8	6.65	G	EU	0.280	1.815	8,750	194,000	21,800	21,700	2-3/8 SL H-90	3 1/4"	1 13/16
2 3/8	6.65	G	EU	0.280	1.815	8,750	194,000	21,800	21,700	NC26	3 5/8"	1 3/4
2 3/8	6.65	G	EU	0.280	1.815	8,750	194,000	21,800	21,700	DPHT26	3 3/8	1 3/4
2 3/8	6.65	S	EU	0.280	1.815	11,300	249,000	28,100	27,900	2-3/8 SL H-90	3 1/4"	1 13/16
2 3/8	6.65	S	EU	0.280	1.815	11,300	249,000	28,100	27,900	NC26	3 5/8"	1 3/4
2 3/8	6.65	S	EU	0.280	1.815	11,300	249,000	28,100	27,900	DPDS26	3 1/2"	1 11/16
2 3/8	6.65	S	EU	0.280	1.815	11,300	249,000	28,100	27,900	DPHT26	3 3/8	1 3/4
2 7/8	10.40	G	IU	0.362	2.151	16,200	300,000	23,100	23,100	2 7/8 PAC	3 1/8"	1 1/2
2 7/8	10.40	G	EU	0.362	2.151	16,200	300,000	23,100	23,100	2-7/8 SL H-90	4	2
2 7/8	10.40	G	IU	0.362	2.151	16,200	300,000	23,100	23,100	NC26	3 5/8"	1 1/2
2 7/8	10.40	G	EU	0.362	2.151	16,200	300,000	23,100	23,100	NC31	4 1/8"	2
2 7/8	10.40	S	IU	0.362	2.151	20,800	386,000	29,700	29,700	2 7/8 PAC	3 1/8"	1 1/2
2 7/8	10.40	S	EU	0.362	2.151	20,800	386,000	29,700	29,700	2-7/8 SL H-90	4 1/8"	1 5/8
2 7/8	10.40	S	IU	0.362	2.151	20,800	386,000	29,700	29,700	NC26	3 5/8"	1 1/2
2 7/8	10.40	S	EU	0.362	2.151	20,800	386,000	29,700	29,700	NC31	4 3/8"	1 5/8
2 7/8	10.40	S	EU	0.362	2.151	20,800	386,000	29,700	29,700	DPDS31	4 1/8"	2
3 1/2	13.30	G	EU	0.368	2.764	26,000	380,000	19,800	19,300	3 1/2 SLH-90	4 3/4	2 9/16
3 1/2	13.30	G	IU	0.368	2.764	26,000	380,000	19,800	19,300	NC31	4 1/8	2
3 1/2	13.30	G	EU	0.368	2.764	26,000	380,000	19,800	19,300	NC38	5	2 7/16
3 1/2	13.30	G	EU	0.368	2.764	26,000	380,000	19,800	19,300	DPHT31	4 1/8	2
3 1/2	13.30	G	EU	0.368	2.764	26,000	380,000	19,800	19,300	DPHT38	4 3/4	2 11/16
3 1/2	13.30	S	EU	0.368	2.764	33,400	489,000	25,400	24,800	3 1/2 SLH-90	5	2 1/8
3 1/2	13.30	S	IU	0.368	2.764	33,400	489,000	25,400	24,800	NC31	4 1/8	2
3 1/2	13.30	S	EU	0.368	2.764	33,400	489,000	25,400	24,800	NC38	5	2 1/8
3 1/2	13.30	S	EU	0.368	2.764	33,400	489,000	25,400	24,800	DPHT31	4 1/8	2
3 1/2	13.30	S	EU	0.368	2.764	33,400	489,000	25,400	24,800	DPHT38	4 3/4	2 9/16
3 1/2	13.30	S	EU	0.368	2.764	33,400	489,000	25,400	24,800	DPDS38	4 7/8	2 9/16
3 1/2	15.50	G	EU	0.449	2.602	29,500	452,000	23,500	23,600	NC38	5	2 1/8
3 1/2	15.50	G	EU	0.449	2.602	29,500	452,000	23,500	23,600	NC40	5 1/4	2 9/16

Tool Joint							Assembly				
Drift (in)	"Tong Length 2XL"		Material Yield Strength (ksi)	"Make-up Torque (ft-lbs)"	Torsional Strength (ft-lbs)	Tensile Strength (ft-lbs)	Torsional Ratio	Approximate Weight/Foot (lbs/ft)	Capacity (gal/ft)	Premium	
	Pin (in)	Box (in)								OD (in)	Make-up (ft-lbs)
1 11/16	9	10	120	4,110	6,860	270,000	0.78	7.05	0.13	3 5/32	3,700
1 5/8	9	10	120	4,130	6,880	314,000	0.79	7.23	0.13	3 5/16	3,560
1 5/8	9	12	120	5,200	8,700	313,700	0.99	7.25	0.13	NA	NA
1 11/16	9	10	120	4,110	6,860	270,000	0.61	7.05	0.13	3 1/4	4,110
1 5/8	9	10	120	4,260	7,100	314,000	0.63	7.5	0.13	3 13/32	4,260
1 9/16	9	10	120	5,800	9,700	333,900	0.86	7.35	0.13	3 5/16	4,800
1 5/8	9	12	120	5,200	8,700	313,700	0.77	7.25	0.13	NA	NA
1 3/8	9	11	120	3,420	5,690	273,000	0.35	10.63	0.18	3 1/8	3,420
1 7/8	9	11	120	7,870	13,100	444,000	0.81	11.23	0.19	3 23/32	6,100
1 3/8	9	10	120	5,380	8,960	390,000	0.55	11.1	0.18	3 5/8	5,380
1 7/8	9	11	120	7,890	13,200	496,000	0.81	11.39	0.19	3 15/16	6,110
1 3/8	9	11	120	3,420	5,690	273,000	0.27	10.63	0.18	3 1/8	3,420
1 1/2	9	11	120	10,300	17,100	572,000	0.82	11.77	0.18	3 27/32	7,750
1 3/8	9	10	120	5,380	8,960	390,000	0.43	11.1	0.18	3 5/8	5,380
1 1/2	9	11	120	10,100	16,800	624,000	0.81	12.12	0.18	4 1/16	7,690
1 7/8	9	11	120	10,300	17,200	495,700	0.83	11.27	0.18	3 15/16	8,700
2 7/16	10	12 1/2	120	12,400	20,700	596,000	0.80	14.63	0.31	4 19/32	9,860
1 7/8	9	11	120	7,890	13,200	496,000	0.51	14.12	0.30	4 1/8	7,890
2 5/16	10	12 1/2	120	13,200	22,000	708,000	0.85	15.26	0.30	4 13/16	9,880
1 7/8	9	13	120	11,300	18,900	495,700	0.73	14.04	0.30	4	9,700
2 9/16	10	15 1/2	120	15,200	25,300	587,300	0.97	14.45	0.30	4 7/16	9,850
2	10	12 1/2	120	16,700	27,800	789,000	0.83	15.68	0.30	4 19/32	12,700
1 7/8	9	11	120	7,890	13,200	496,000	0.40	14.12	0.30	4 1/8	7,890
2	10	12 1/2	120	15,900	26,500	842,000	0.79	15.68	0.30	4 13/16	12,600
1 7/8	9	13	120	11,300	18,900	495,700	0.57	14.04	0.30	NA	NA
2 7/16	10	15 1/2	120	16,100	26,900	649,200	0.81	14.63	0.31	4 9/16	12,950
2 7/16	10	12 1/2	120	15,400	25,700	649,200	0.77	14.63	0.31	4 11/16	12,950
2	10	12 1/2	120	15,900	26,500	842,000	0.90	17.74	0.27	4 23/32	11,000
2 7/16	9	12	120	16,600	27,700	838,000	0.94	17.43	0.28	4 15/32	11,400

Pipe Body												
Nominal Size (in)	"Weight (lbs/ft)"	Grade	Upset	Wall Thickness (in)	ID (in)	Torsional Strength (ft-lbs)	Tensile Strength (lbs)	"Collapse Pressure (psi)"	Burst Pressure (psi)	Connection	OD (in)	ID (in)
3 1/2	15.50	G	EU	0.449	2.602	29,500	452,000	23,500	23,600	DPHT38	4 3/4	2 9/16
3 1/2	15.50	S	EU	0.449	2.602	38,000	581,000	30,200	30,300	NC38	5	2 1/8
3 1/2	15.50	S	EU	0.449	2.602	38,000	581,000	30,200	30,300	NC40	5 1/2	2 1/4
3 1/2	15.50	S	EU	0.449	2.602	38,000	581,000	30,200	30,300	DPHT38	4 3/4	2 7/16
3 1/2	15.50	S	EU	0.449	2.602	38,000	581,000	30,200	30,300	DPDS38	5	2 7/16
4	14.00	G	IU	0.330	3.340	32,600	400,000	15,900	15,200	NC40	5 1/4	2 7/16
4	14.00	G	EU	0.330	3.340	32,600	400,000	15,900	15,200	NC46	6	3 1/4
4	14.00	G	EU	0.330	3.340	32,600	400,000	15,900	15,200	DPHT38	5	2 9/16
4	14.00	G	EU	0.330	3.340	32,600	400,000	15,900	15,200	DPHT40	5 1/4	2 13/16
4	14.00	S	IU	0.330	3.340	41,900	514,000	20,100	19,500	NC40	5 1/2	2 7/16
4	14.00	S	EU	0.330	3.340	41,900	514,000	20,100	19,500	NC46	6	3
4	14.00	S	EU	0.330	3.340	41,900	514,000	20,100	19,500	DPHT38	5	2 7/16
4	14.00	S	EU	0.330	3.340	41,900	514,000	20,100	19,500	DPHT40	5 1/4	2 11/16
4	14.00	S	EU	0.330	3.340	41,900	514,000	20,100	19,500	DPDS40	5 1/4	2 11/16
4	15.70	G	IU	0.380	3.240	36,100	454,000	18,100	17,500	NC40	5 1/2	2 7/16
4	15.70	G	EU	0.380	3.240	36,100	454,000	18,100	17,500	NC46	6	3 1/4
4	15.70	G	EU	0.380	3.240	36,100	454,000	18,100	17,500	DPHT40	5 1/4	2 13/16
4	15.70	S	IU	0.380	3.240	46,500	583,000	23,200	22,400	NC40	5 1/2	2
4	15.70	S	EU	0.380	3.240	46,500	583,000	23,200	22,400	NC46	6	3
4	15.70	S	EU	0.380	3.240	46,500	583,000	23,200	22,400	DPHT40	5 1/4	2 9/16
4	15.70	S	EU	0.380	3.240	46,500	583,000	23,200	22,400	DPDS40	5 1/4	2 9/16
4 1/2	16.60	G	IEU	0.337	3.826	43,100	463,000	13,800	13,800	4 1/2 FH	6	3
4 1/2	16.60	G	IEU	0.337	3.826	43,100	463,000	13,800	13,800	NC46	6 1/4	3
4 1/2	16.60	G	EU	0.337	3.826	43,100	463,000	13,800	13,800	NC50	6 5/8	3 3/4
4 1/2	16.60	G	EU	0.337	3.826	43,100	463,000	13,800	13,800	DPHT46	6 1/4	3 1/4
4 1/2	16.60	G	EU	0.337	3.826	43,100	463,000	13,800	13,800	DPHT50	6 1/4	3 3/4
4 1/2	16.60	S	IEU	0.337	3.826	55,500	595,000	16,800	17,700	4 1/2 FH	6 1/4	2 1/2
4 1/2	16.60	S	IEU	0.337	3.826	55,500	595,000	16,800	17,700	NC46	6 1/4	2 3/4
4 1/2	16.60	S	EU	0.337	3.826	55,500	595,000	16,800	17,700	NC50	6 5/8	3 1/2
4 1/2	16.60	S	IEU	0.337	3.826	55,500	595,000	16,800	17,700	DPHT46	6 1/4	3 1/4
4 1/2	16.60	S	IEU	0.337	3.826	55,500	595,000	16,800	17,700	DPDS46	6 1/4	3 1/4
4 1/2	16.60	S	EU	0.337	3.826	55,500	595,000	16,800	17,700	DPHT50	6 3/8	3 1/2

Tool Joint							Assembly				
Drift (in)	"Tong Length 2XL"		Material Yield Strength (ksi)	"Make-up Torque (ft-lbs)"	Torsional Strength (ft-lbs)	Tensile Strength (ft-lbs)	Torsional Ratio	Approximate Weight/Foot (lbs/ft)	Capacity (gal/ft)	Premium	
	Pin (in)	Box (in)								OD (in)	Make-up (ft-lbs)
2 7/16	10	15 1/2	120	16,100	26,900	649,000	0.91	16.71	0.28	4 7/16	10,900
2	10	12 1/2	120	15,900	26,500	842,000	0.70	17.74	0.27	4 29/32	14,300
2 1/8	9	12	120	19,600	32,700	980,000	0.86	18.34	0.27	5 3/32	14,400
2 5/16	10	15 1/2	120	17,000	28,400	708,100	0.75	16.9	0.28	4 19/32	14,000
2 5/16	10	12 1/2	120	17,500	29,200	708,100	0.77	17.11	0.27	4 23/32	14,000
2 5/16	9	12	120	17,900	29,800	897,000	0.91	16.87	0.43	5	12,600
3 1/8	9	12	120	19,900	33,200	901,000	1.02	16.79	0.45	5 7/16	12,800
2 7/16	10	15 1/2	120	17,800	29,600	649,200	0.91	15.95	0.44	4 17/32	12,500
2 11/16	9	15	120	19,100	31,900	711,600	0.98	15.93	0.44	4 25/32	15,500
2 5/16	9	12	120	17,900	29,800	897,000	0.71	16.87	0.43	5 3/16	16,300
2 7/8	9	12	120	23,400	39,000	1,050,000	0.93	17.24	0.45	5 9/16	15,800
2 5/16	10	15 1/2	120	19,800	33,000	708,100	0.79	16.13	0.44	4 11/16	15,900
2 9/16	9	15	120	21,500	35,900	776,400	0.86	16.12	0.44	4 29/32	16,000
2 9/16	9	12	120	19,600	32,700	776,400	0.78	15.82	0.44	5	15,900
2 5/16	9	12	120	17,900	29,800	897,000	0.83	18.44	0.41	5 1/16	13,800
3 1/8	9	12	120	19,900	33,200	901,000	0.92	18.35	0.43	5 15/32	13,500
2 11/16	9	15	120	19,100	31,900	711,600	0.88	17.49	0.42	4 27/32	16,000
1 7/8	9	12	120	21,800	36,300	1,080,000	0.78	19.01	0.40	5 1/4	17,600
2 7/8	9	12	120	23,400	39,000	1,050,000	0.84	18.81	0.42	5 21/32	18,100
2 7/16	9	15	120	23,700	39,500	838,300	0.85	17.88	0.42	4 15/16	17,200
2 7/16	9	12	120	21,800	36,400	838,300	0.78	17.57	0.42	5 1/32	17,100
2 7/8	9	12	120	20,600	34,400	976,000	0.80	19.30	0.57	5 9/16	16,400
2 7/8	9	12	120	23,400	39,000	1,050,000	0.90	19.85	0.57	5 19/32	16,500
3 5/8	9	12	120	22,400	37,300	939,000	0.87	19.50	0.59	5 29/32	16,600
3 1/8	9	15	120	28,600	47,600	901,200	1.10	19.59	0.58	5 13/32	24,800
3 5/8	9	15	120	31,600	52,700	939,100	1.22	18.73	0.60	5 13/16	27,000
2 3/8	9	12	120	26,500	44,200	1,240,000	0.80	20.66	0.56	5 3/4	20,900
2 5/8	9	12	120	26,600	44,400	1,180,000	0.80	20.27	0.57	5 25/32	21,200
3 3/8	9	12	120	26,700	44,500	1,110,000	0.80	20.03	0.59	6 1/16	21,000
3 1/8	9	15	120	28,600	47,600	901,200	0.86	19.59	0.58	5 1/2	25,500
3 1/8	9	12	120	26,000	43,300	901,200	0.78	19.14	0.59	5 19/32	24,200
3 3/8	9	15	120	39,400	65,700	1,109,900	1.18	19.52	0.59	5 13/16	26,500

Pipe Body												
Nominal Size (in)	"Weight (lbs/ft)"	Grade	Upset	Wall Thickness (in)	ID (in)	Torsional Strength (ft-lbs)	Tensile Strength (lbs)	"Collapse Pressure (psi)"	Burst Pressure (psi)	Connection	OD (in)	ID (in)
4 1/2	20.00	G	IEU	0.430	3.640	51,700	577,000	18,100	17,600	NC46	6 1/4	2 1/2
4 1/2	20.00	G	IEU	0.430	3.640	51,700	577,000	18,100	17,600	NC50	6 5/8	3 1/2
4 1/2	20.00	G	IEU	0.430	3.640	51,700	577,000	18,100	17,600	DPHT46	6 1/4	3 1/4
4 1/2	20.00	G	IEU	0.430	3.640	51,700	577,000	18,100	17,600	DPHT50	6 1/4	3 1/2
4 1/2	20.00	S	IEU	0.430	3.640	66,400	742,000	23,300	22,600	NC46	6 1/4	2 1/4
4 1/2	20.00	S	EU	0.430	3.640	66,400	742,000	23,300	22,600	NC50	6 5/8	3
4 1/2	20.00	S	IEU	0.430	3.640	66,400	742,000	23,300	22,600	DPHT46	6 1/4	3
4 1/2	20.00	S	EU	0.430	3.640	66,400	742,000	23,300	22,600	DPHT50	6 3/8	3 1/2
5	19.50	G	IEU	0.362	4.276	57,600	554,000	13,300	13,300	5 1/2 FH	7	3 3/4
5	19.50	G	IEU	0.362	4.276	57,600	554,000	13,300	13,300	NC50	6 5/8	3 1/4
5	19.50	G	IEU	0.362	4.276	57,600	554,000	13,300	13,300	DPHT50	6 5/8	3 1/2
5	19.50	G	IEU	0.362	4.276	57,600	554,000	13,300	13,300	DPDS50	6 5/8	3 1/2
5	19.50	S	IEU	0.362	4.276	74,100	712,000	15,700	17,100	5 1/2 FH	7 1/4	3 1/2
5	19.50	S	IEU	0.362	4.276	74,100	712,000	15,700	17,100	NC50	6 5/8	2 3/4
5	19.50	S	IEU	0.362	4.276	74,100	712,000	15,700	17,100	DPHT50	6 5/8	3 1/2
5	19.50	S	IEU	0.362	4.276	74,100	712,000	15,700	17,100	DPDS50	6 5/8	3 1/2
5	25.60	G	IEU	0.500	4.000	73,200	742,000	18,900	18,400	5 1/2 FH	7 1/4	3 1/2
5	25.60	G	IEU	0.500	4.000	73,200	742,000	18,900	18,400	NC50	6 5/8	2 3/4
5	25.60	G	IEU	0.500	4.000	73,200	742,000	18,900	18,400	DPHT50	6 5/8	3 1/2
5	25.60	G	IEU	0.500	4.000	73,200	742,000	18,900	18,400	DPDS50	6 5/8	3 1/2
5	25.60	S	IEU	0.500	4.000	94,100	954,000	24,300	23,600	5 1/2 FH	7 1/4	3 1/4
5	25.60	S	IEU	0.500	4.000	94,100	954,000	24,300	23,600	NC50	6 5/8	2 3/4
5	25.60	S	IEU	0.500	4.000	94,100	954,000	24,300	23,600	DPHT50	6 5/8	3 1/2
5	25.60	S	IEU	0.500	4.000	94,100	954,000	24,300	23,600	DPDS50	6 5/8	3 1/2
5 1/2	21.90	G	IEU	0.361	4.778	71,000	612,000	10,800	12,100	5 1/2 FH	7 1/4	3 1/2
5 1/2	21.90	G	IEU	0.361	4.778	71,000	612,000	10,800	12,100	DPHT55	7	4
5 1/2	21.90	G	IEU	0.361	4.778	71,000	612,000	10,800	12,100	DPDS55	7	4
5 1/2	21.90	S	IEU	0.361	4.778	91,300	787,000	12,700	15,500	5 1/2 FH	7 1/2	3
5 1/2	21.90	S	IEU	0.361	4.778	91,300	787,000	12,700	15,500	DPHT55	7	4
5 1/2	21.90	S	IEU	0.361	4.778	91,300	787,000	12,700	15,500	DPDS55	7	4
5 1/2	24.70	G	IEU	0.415	4.670	79,200	696,000	14,000	13,900	5 1/2 FH	7 1/4	3 1/2
5 1/2	24.70	G	IEU	0.415	4.670	79,200	696,000	14,000	13,900	DPHT55	7	4
5 1/2	24.70	G	IEU	0.415	4.670	79,200	696,000	14,000	13,900	DPDS55	7	4

Tool Joint							Assembly				
Drift (in)	"Tong Length 2XL"		Material Yield Strength (ksi)	"Make-up Torque (ft-lbs)"	Torsional Strength (ft-lbs)	Tensile Strength (ft-lbs)	Torsional Ratio	Approximate Weight/Foot (lbs/ft)	Capacity (gal/ft)	Premium	
	Pin (in)	Box (in)								OD (in)	Make-up (ft-lbs)
2 3/8	9	12	120	29,600	49,300	1,310,000	0.95	23.96	0.51	5 23/32	19,600
3 3/8	9	12	120	26,700	44,500	1,110,000	0.86	23.33	0.54	6 1/32	20,100
3 1/8	9	15	120	28,600	47,600	901,200	0.92	22.89	0.53	5 7/16	25,500
3 3/8	9	15	120	37,600	62,700	1,109,900	1.21	22.55	0.54	5 13/16	26,500
2 1/8	9	12	120	32,300	53,800	1,420,000	0.81	24.31	0.50	5 15/16	25,300
2 7/8	9	12	120	34,500	57,500	1,420,000	0.87	24.29	0.52	6 7/32	25,600
2 7/8	9	15	120	34,600	57,700	1,048,400	0.87	23.34	0.53	5 9/16	26,500
3 3/8	9	15	120	39,400	65,700	1,109,900	0.99	22.85	0.54	5 13/16	26,500
3 5/8	10	12	120	37,700	62,900	1,450,000	1.09	23.43	0.73	6 9/16	22,300
3 1/8	9	12	120	30,700	51,200	1,270,000	0.89	23.35	0.71	6 3/32	21,900
3 3/8	9	15	120	39,700	66,200	1,109,900	1.15	23.10	0.73	5 13/16	26,500
3 3/8	9	12	120	36,200	60,400	1,110,200	1.05	22.61	0.73	5 13/16	23,000
3 3/8	10	12	120	43,300	72,200	1,620,000	0.97	24.67	0.72	6 3/4	28,700
2 5/8	9	12	120	38,000	63,400	1,550,000	0.86	24.23	0.70	6 5/16	28,400
3 3/8	9	15	120	39,700	66,200	1,109,900	0.89	23.10	0.73	5 15/16	29,000
3 3/8	9	12	120	36,200	60,400	1,110,200	0.82	22.61	0.73	6 1/32	29,000
3 3/8	10	12	120	43,300	72,200	1,620,000	0.99	30.06	0.64	6 23/32	27,600
2 5/8	9	12	120	38,000	63,400	1,550,000	0.87	29.66	0.62	6 9/32	27,400
3 3/8	9	15	120	39,700	66,200	1,109,900	0.90	28.53	0.64	5 29/32	26,500
3 3/8	9	12	120	36,200	60,400	1,110,200	0.83	28.08	0.64	6 1/32	29,000
3 1/8	10	12	120	47,200	78,700	1,780,000	0.84	30.58	0.63	6 15/16	35,400
2 5/8	9	12	120	38,000	63,400	1,550,000	0.67	29.66	0.62	6 17/32	35,200
3 3/8	9	15	120	39,700	66,200	1,109,900	0.70	28.53	0.64	6 3/16	36,000
3 3/8	9	12	120	36,200	60,400	1,110,200	0.64	28.08	0.64	6 9/32	35,000
3 3/8	10	12	120	43,300	72,200	1,620,000	1.02	26.96	0.88	6 23/32	27,600
3 7/8	10	15	120	46,300	77,200	1,265,800	1.09	25.42	0.91	6 13/32	28,500
3 7/8	10	12	120	44,500	74,200	1,292,500	1.05	24.83	0.91	6 7/16	26,400
2 7/8	10	12	120	52,100	86,800	1,930,000	0.95	28.68	0.87	6 15/16	35,400
3 7/8	10	15	120	46,300	77,200	1,265,800	0.85	25.42	0.91	6 5/8	35,300
3 7/8	10	12	120	44,500	74,200	1,292,500	0.81	24.83	0.91	6 11/16	37,500
3 3/8	10	12	120	43,300	72,200	1,620,000	0.91	29.38	0.85	6 25/32	29,800
3 7/8	10	15	120	46,300	77,200	1,265,800	0.97	27.85	0.87	6 15/32	29,800
3 7/8	10	12	120	44,500	74,200	1,292,500	0.94	27.27	0.87	6 17/32	29,700

Pipe Body												
Nominal Size (in)	"Weight (lbs/ft)"	Grade	Upset	Wall Thickness (in)	ID (in)	Torsional Strength (ft-lbs)	Tensile Strength (lbs)	"Collapse Pressure (psi)"	Burst Pressure (psi)	Connection	OD (in)	ID (in)
5 1/2	24.70	S	IEU	0.415	4.670	102,000	895,000	17,000	17,800	5 1/2 FH	7 1/2	3
5 1/2	24.70	S	IEU	0.415	4.670	102,000	895,000	17,000	17,800	DPHT55	7	4
5 1/2	24.70	S	IEU	0.415	4.670	102,000	895,000	17,000	17,800	DPDS55	7	4
6 5/8	25.20	G	IEU	0.330	5.965	98,800	685,000	5,500	9,150	6 5/8 FH	8 1/4	4 3/4
6 5/8	25.20	G	IEU	0.330	5.965	98,800	685,000	5,500	9,150	DPHT65	8	5
6 5/8	25.20	S	IEU	0.330	5.965	127,000	881,000	6,040	11,800	6 5/8 FH	8 1/2	4 1/4
6 5/8	25.20	S	IEU	0.330	5.965	127,000	881,000	6,040	11,800	DPHT65	8	5
6 5/8	27.70	G	IEU	0.362	5.901	107,000	748,000	7,100	10,000	6 5/8 FH	8 1/4	4 3/4
6 5/8	27.70	G	IEU	0.362	5.901	107,000	748,000	7,100	10,000	DPHT65	8	5
6 5/8	27.70	S	IEU	0.362	5.901	137,000	962,000	7,810	12,900	6 5/8 FH	8 1/2	4 1/4
6 5/8	27.70	S	IEU	0.362	5.901	137,000	962,000	7,810	12,900	DPHT65	8	5
6 5/8	27.70	S	IEU	0.362	5.901	137,000	962,000	7,810	12,900	DPDS65	8 1/4	4 7/8

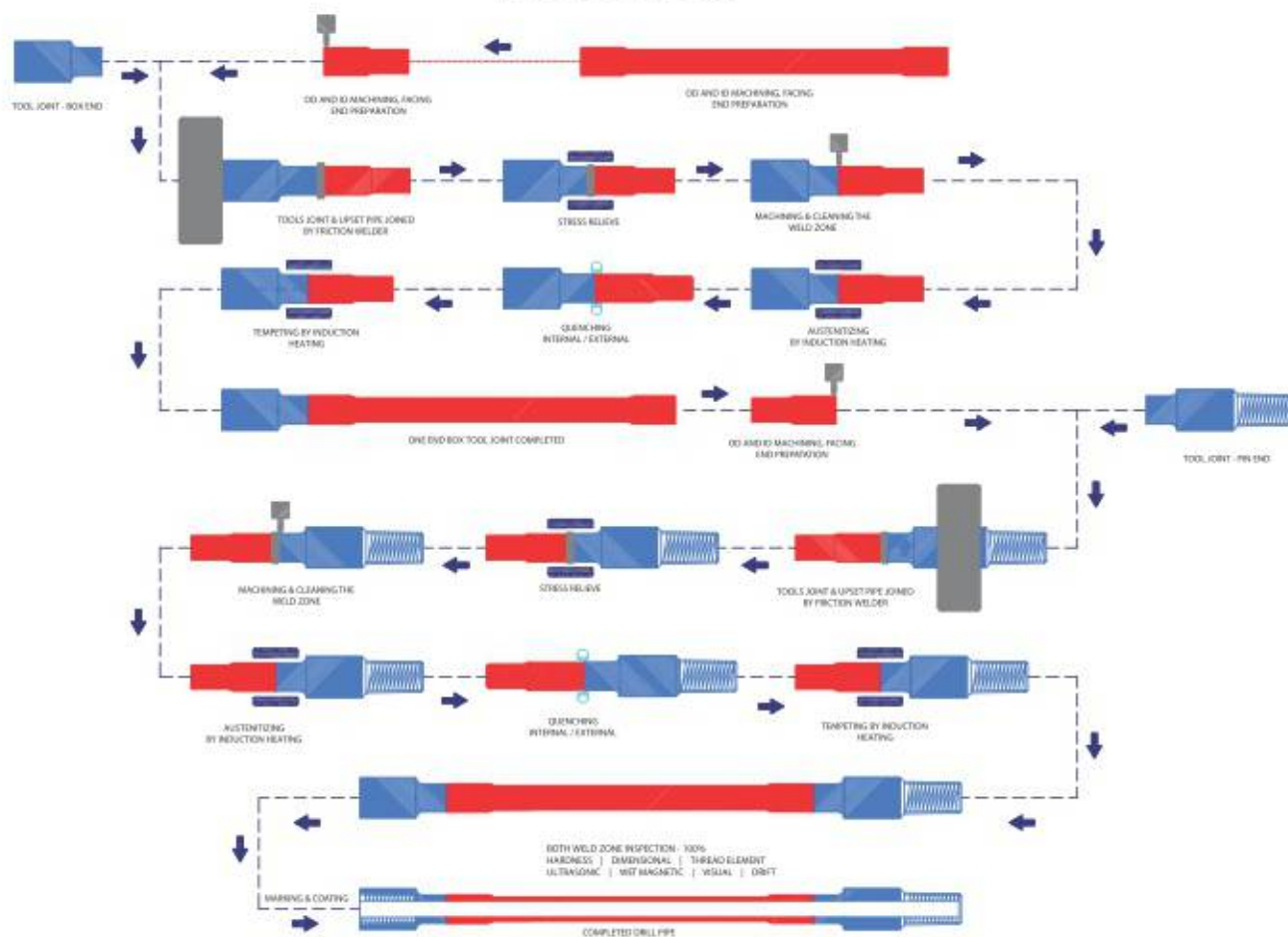
Notes:

Upon Request Same Data Can be Provided for Drill Pipe in Grade X and E

The technical data are calculated as per API RP 7G, API 5DP and DS1 latest editions. This effort has been made to insure the accuracy of tables herein, this material is presented as areference guide only. Above data are given for the pipe body, Tool Joint, and Drill pipe assembly. All Drill pipe is Range II unless otherwise specified 31-1/2 Ft shoulder to shoulder. Tong spaces are minimum of 2" longer than standard. The Tool joint sizes displayed represent common OD and ID configurations, although additional size combinations available. Drill pipe international LLC offers all API tool joint connections as well as double shoulder and high torque connections. Custom specifications and special sizes can be provided to meet specific requirements. No expressed or implied warrenty is intended.

Tool Joint							Assembly				
Drift (in)	"Tong Length 2XL"		Material Yield Strength (ksi)	"Make-up Torque (ft-lbs)"	Torsional Strength (ft-lbs)	Tensile Strength (ft-lbs)	Torsional Ratio	Approximate Weight/Foot (lbs/ft)	Capacity (gal/ft)	Premium	
	Pin (in)	Box (in)								OD (in)	Make-up (ft-lbs)
2 7/8	10	12	120	52,100	86,800	1,930,000	0.85	31.09	0.83	7 1/32	38,900
3 7/8	10	15	120	46,300	77,200	1,265,800	0.76	27.85	0.87	6 23/32	38,600
3 7/8	10	12	120	44,500	74,200	1,292,500	0.73	27.27	0.87	6 25/32	38,500
4 5/8	10	13	120	51,300	85,500	1,680,000	0.87	30.71	1.39	7 11/16	38000
4 7/8	10	16	120	59,800	99,700	1,448,400	1.01	29.38	1.42	7 13/32	38600
4 1/8	10	13	120	65,000	108,000	2,100,000	0.85	32.94	1.37	7 29/32	48,200
4 7/8	10	16	120	59,800	99,700	1,448,400	0.79	29.38	1.42	7 5/8	48400
4 5/8	10	13	120	51,300	85,500	1,680,000	0.80	32.50	1.36	7 3/4	40,900
4 7/8	10	16	120	59,800	99,700	1,448,400	0.93	31.19	1.39	7 15/32	41,400
4 1/8	10	13	120	65,000	108,000	2,100,000	0.79	34.73	1.34	8	52,700
4 7/8	10	16	120	59,800	99,700	1,448,400	0.73	31.19	1.39	7 23/32	52,600
4 3/4	10	13	120	64,900	108,200	1,596,400	0.76	31.74	1.39	7 3/4	54,400

Process Flow





DRILL PIPE

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