

DRILL PIPE

Usage: As the major part of drill stem, drill pipe connected with Kelly and drill collar, which is used to put torque to drill bit and drill collar.

Material: G105, S135, X95, Grade E etc.

Standard: According to API Spec 5DP standards, DS-1 and NS-1 STANDARD.

Hard band: Armcot 00XT, Amco200XT and Amco300XT; Bolt1000, Bolt3000, TCS6000, TCS-Titanium, Armacor M etc. Also we can make according to customers' requirements.

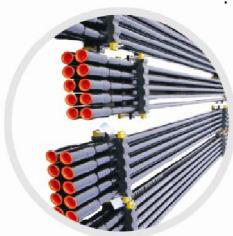
Internal coating: DPC, TK34, TK34P, TK34XT, TC2000, TC3000

Size: OD 2 3/8"-6 5/8"

Length: R1, R2, R3

Upset style: IU, EU, IEU

Technical specification and parameters for Drill Pipe



Size	Weight Designation	Calculated		Outside Diameter		Grade	Wall Thickness		Upset Ends, For Weld-on Tools Joint
		Lb/ft	kg/m	in	mm		In	mm	
2 3/8	6.65	6.26	9.32	2.375	60.3	E,X,G,S	0.280	7.11	EU
2 7/8	10.40	9.72	14.48	2.875	73.0	E,X,G,S	0.362	9.19	IU or EU
3 1/2	9.50	8.81	13.12	3.500	88.9	E	0.254	6.45	IU or EU
3 1/2	13.30	12.31	18.34	3.500	88.9	E,X,G,S	0.368	9.35	IU or EU
3 1/2	15.50	14.63	21.79	3.500	88.9	E	0.449	11.40	IU or EU
3 1/2	15.50	14.63	21.79	3.500	88.9	X,G,S	0.449	11.40	EU or IEU
4	14.00	12.93	19.26	4.000	101.6	E,X,G,S	0.330	8.38	IU or EU
4 1/2	13.75	12.24	18.23	4.500	114.3	E	0.271	6.88	IU or EU
4 1/2	16.60	14.98	22.31	4.500	114.3	E,X,G,S	0.337	8.56	EU or IEU
4 1/2	20.00	18.69	27.84	4.500	114.3	E,X,G,S	0.430	10.92	EU or IEU
5	16.25	14.87	22.15	5.000	127.0	X,G,S	0.296	7.52	IU
5	19.50	17.93	26.71	5.000	127.0	E	0.362	9.19	IEU
5	19.50	17.93	26.71	5.000	127.0	X,G,S	0.362	9.19	EU or IEU
5	25.60	24.03	35.79	5.000	127.0	E	0.500	12.70	IEU
5	25.60	24.03	35.79	5.000	127.0	X,G,S	0.500	12.70	EU or IEU
5 1/2	21.90	19.81	29.51	5.500	139.7	E,X,G,S	0.361	9.17	IEU
5 1/2	24.70	22.54	33.57	5.500	139.7	E,X,G,S	0.415	10.54	IEU
6 5/8	25.20	22.19	33.05	6.625	168.3	E,X,G,S	0.330	8.38	IEU
6 5/8	27.70	24.21	36.06	6.625	168.3	E,X,G,S	0.362	9.19	IEU

TOOL JOINT

Tool joint are made of AISI 4137 premium alloy steel fully and machined by CNC lathes. All connections are phosphatized, coated with lubricant and provided with thread protectors. All tool joints should be inspected at full length by fluorescence magnetic particle and ultrasonic method. Tool joints are for pipes from 2 3/8" to 6 5/8", grade is E 75, G105 and S 135; upset style is EU, IEU or IU.



Technical specification and parameters for Tool Joint

Tool joint	Size and style	Nom Wt. lb/ft	Grade	Outside Dia of Pin and Box D		Bevel Dia. Of Pin and Box shoulder D _r	Total Length Pin L _p	Pin Tong Space L _{ps}	Box Tong Space L _{bs}	Combined Length of Pin and Box L	Dia. Of Box at Elevator Upset D _{re}	Dia of Box at Elevator Upset D _{re}
				Pin D	Box D							
NC26 2 3/8IF	2 3/8 EU	6.65	E	3 3/8	1 3/4	3 17/64	10.0	7	8	15	2 9/16	2 9/16
				G	3 3/8	1 3/4	3 17/64	10.0	7	8	15	2 9/16
NC31 2 7/8IF	2 7/8 EU	10.40	E	4 1/8	2 1/8	3 61/64	10 1/2	7	9	16	3 3/16	3 3/16
				G	4 1/8	2	3 61/64	10 1/2	7	9	16	3 3/16
NC38 3 1/2IF	3 1/2 EU	15.50	E	4 3/8	1 5/8	3 61/64	10 1/2	7	9	16	3 3/16	3 3/16
				G	4 3/4	2 11/16	4 37/64	11 1/2	8	10 1/2	18 1/2	3 7/8
NC40 4FH	4 IU	14.00	E	4 3/4	2 11/16	4 37/64	12	8	10 1/2	18 1/2	3 7/8	3 7/8
				G	5	2 1/8	4 37/64	12	8	10 1/2	18 1/2	3 7/8
NC46 4IF	4 EU	14.00	E	5 1/2	2 1/4	5 1/64	11 1/2	7	10	17	4 3/16	4 3/16
				G	6	3 1/4	5 23/32	11 1/2	7	10	17	4 1/2
NC46 4IF	4 1/2 IU	16.60	E	5 1/4	2 13/16	5 1/64	11 1/2	7	10	17	4 3/16	4 3/16
				G	6	3	5 23/32	11 1/2	7	10	17	4 1/2
NC46 4IF	4 1/2 IEU	20.00	E	6 1/4	3 3/8	5 23/32	11 1/2	7	10	17	4 11/16	4 11/16
				G	6 1/4	3	5 23/32	11 1/2	7	10	17	4 11/16
NC46 4IF	4 1/2 IEU	20.00	E	6 1/4	3	5 23/32	11 1/2	7	10	17	4 11/16	4 11/16
				G	6 1/4	3	5 23/32	11 1/2	7	10	17	4 11/16