

HDD DRILL PIPE



HDD drill pipe is mainly used in horizontal directional drilling pipeline crossing and laying projects. The pipe body is made of special materials that comply with API standards and has stable performance. The thickened pipe end complies with API 5DP standards. The thickened pipe body is quenched and tempered and heat treated. The steel grade can be up to G105 or S135. The tool joint is made of forged blanks. After rough machining, it is tempered and heat treated. After finishing, the surface is nitrided. The threads of the double shouldered high-torsion joint adopt a kind of internal and external composite shoulder structure design, and are all processed by precision CNC lathes. The tight pitch of the threads is strictly guaranteed. Compared with threads of the same specification, it has higher tensile strength and torsional yield strength. All threads are equipped with thread gauges that meet with international standards, so the performance of our drill pipes is stable and reliable.

We can produce HDD friction welding drill pipes of different materials, lengths, diameters, and wall thicknesses, and we can also customize drill pipes according to the materials, lengths, wall thicknesses, and threads required by customers.

O.D		Grade	Welding Type	Thread Type	Drill pipe Wall Thickness		Joint O.D		Length	Torque	Min.Bend	Right Angle Bend Length	Max.Bending Angle	Max.Incline Angle
in	mm				in	mm	in	mm						
1.98	50	S135	Friction welding	WLD50	0.256	6.5	2.1	53	2000	3000	32	50	3.6	6
1.98	50	S135	Friction welding	WLD50	0.256	6.5	2.1	53	2500	3000	29	46	4.9	8
1.98	50	S135	Friction welding	WLD50	0.256	6.5	2.1	53	3000	3000	29	46	5.9	10
2.375	60	S135	Friction welding	WLD60	0.279	7.1	2.68	68	2000	6500	33	52	3.5	6
2.375	60	S135	Friction welding	WLD60	0.279	7.1	2.68	68	2500	6500	33	52	4.3	7
2.375	60	S135	Friction welding	WLD60	0.279	7.1	2.68	68	3000	6500	33	52	5.2	9
2.875	73	S135	Friction welding	NC23	0.315	8	3.21	82	3000	13000	45	71	3.8	6
2.875	73	S135	Friction welding	NC23	0.315	8	3.21	82	4000	13000	45	71	5.1	9
3	76	S135	Friction welding	NC26	0.355	9	3.45	88	3000	16000	45	71	3.8	6
3	76	S135	Friction welding	NC26	0.355	9	3.45	88	4500	16000	45	71	5.7	10
3.25	83	S135	Friction welding	WLD83	0.355	9	3.63	92	3000	18000	65	102	2.6	4
3.25	83	S135	Friction welding	WLD83	0.355	9	3.63	92	4500	18000	65	102	4.0	7
3.5	89	S135	Friction welding	NC31	0.368	9.35	4.15	105	3000	24000	85	133	2.0	3
3.5	89	S135	Friction welding	NC31	0.368	9.35	4.15	105	4500	24000	80	126	3.2	5
3.5	89	S135	Friction welding	NC31	0.368	9.19	4.15	105	6000	24000	80	126	4.3	7
4	102	S135	Friction welding	NC38	0.362	9.19	5	127	6000	48000	98	154	3.5	6
4.5	114	S135	Friction welding	NC38	0.362	9.19	5	127	6000	64000	110	173	3.1	5
4.5	114	S135	Friction welding	NC46	0.362	9.19	6.18	157	6000	64000	110	173	3.1	5