

OCTG - Drill Pipe

Products

Method	O.D(inch)	W.T(inch)	Standard/Grades
Drill Pipe	2 3/8 ~ 5 1/2	0.280 ~ 0.500	E75, X95, G105, S135
Drill Rod	1 3/4 ~ 4 1/2	0.185 ~ 0.314	SAE1026, 4130, 1541

High Precision Drill Rod for Mining Industries

Size(mm)		Tolerance(mm)			Residual Stress(MPa)	Supply Condition
O.D	W.T	O.D	W.T(%)	Length		
44.45	4.70	±0.1	±5	0~+5	100 max	Seamless Cold Drawn or Cold Drawn & Q/T
55.55	4.75	±0.1	±5	0~+5	100 max	
56.52	3.94	±0.1	±5	0~+5	100 max	
69.85	4.76	±0.1	±5	0~+5	100 max	
73.03	4.38	±0.1	±5	0~+5	100 max	
88.90	5.55	±0.12	±5	0~+5	100 max	
114.30	6.35	±0.15	±5	0~+5	100 max	



Drill Pipe Dimensional Range and Performance Properties Size 2 3/8 ~ 4"

Nominal Size	Nominal Weight	Wall Thickness	Inside Diameter	Grade	Tensile Yield	Torsional Yield	Internal Pressure	Collapse			
					lb	ft-lb	psi	psi			
					in	lb/ft	in	in	mm	kg/m	mm
2 3/8 60.3	6.65	0.280	1.815	E75	138214	6250	15474	15599			
	9.34	7.11	46.13	X95	615	8474	1067	1075			
	6.65	0.280	1.815	G105	175072	7917	19600	19759			
60.3	6.34	7.11	46.13	X95	779	10734	1351	1362			
	6.65	0.280	1.815	G105	193500	8751	21663	21839			
	9.34	7.11	46.13	G105	861	11864	1493	1505			
2 7/8 73.0	10.4	0.362	2.151	E75	214344	11554	16526	16509			
	15.49	9.19	54.64	E75	953	15665	1139	1138			
	10.4	0.362	2.151	X95	271503	14635	20933	20911			
	15.49	9.19	54.64	X95	1208	19842	1443	1441			
73.0	10.4	0.362	2.151	G105	300082	16176	23137	23112			
	15.49	9.19	54.64	G105	1335	21932	1595	1593			
	10.4	0.362	2.151	S135	385820	20798	29747	29716			
	15.49	9.19	54.64	S135	1716	28198	2051	2048			
3 1/2 88.9	13.3	0.368	2.764	E75	271569	18551	13800	14113			
	19.81	9.35	70.20	E75	1208	25152	951	973			
	13.3	0.368	2.764	X95	343988	23498	17480	17877			
	19.81	9.35	70.20	X95	1530	31860	1205	1232			
	13.3	0.368	2.764	G105	380197	25972	19320	19758			
	19.81	9.35	70.20	G105	1691	35213	1332	1362			
	13.3	0.368	2.764	S135	488825	33392	24840	25404			
	19.81	9.35	70.20	S135	2174	45273	1712	1751			
88.9	15.5	0.449	2.602	E75	322775	21086	16838	16774			
	23.09	11.4	66.10	E75	1436	28589	1160	1156			
	15.5	0.449	2.602	X95	408848	26708	21328	21247			
	23.09	11.4	66.10	X95	1819	36211	1470	1465			
	15.5	0.449	2.602	G105	451885	29520	23573	23484			
	23.09	11.4	66.10	G105	2010	40023	1625	1619			
	15.5	0.449	2.602	S135	580995	37954	30308	30194			
	23.09	11.4	66.10	S135	2585	51459	2090	2081			
4 101.6	14.0	0.330	3.340	E75	258359	23288	10828	11354			
	20.85	8.38	84.84	E75	1269	31574	746	782			
	14.0	0.330	3.340	X95	361454	29498	13716	14382			
101.6	20.85	8.38	84.84	X95	1608	39994	945	992			
	14.0	0.330	3.340	G105	399502	32603	15159	15896			
	20.85	8.38	84.84	G105	1777	44204	1045	1096			

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Drill Pipe Dimensional Range and Performance Properties Size 4 1/2 ~ 5"

Nominal Size	Nominal Weight	Wall Thickness	Inside Diameter	Grade	Tensile Yield	Torsional Yield	Internal Pressure	Collapse
					lb	ft-lb	psi	psi
					kg/m	Nm	bar	bar
4 1/2 114.3	16.6 24.73	0.337 8.56	3.826 97.18	E75	330558 1470	30807 41774	9829 678	10392 717
	16.6 24.73	0.337 8.56	3.826 97.18	X95	418707 1863	39022 52914	12450 859	12765 880
	16.6 24.73	0.337 8.56	3.826 97.18	G105	462781 2059	43130 58484	13761 949	13828 953
	16.6 24.73	0.337 8.56	3.826 97.18	S135	595004 2647	55453 75194	17693 1220	16773 1157
	20.00 29.79	0.430 10.92	3.64 92.46	E75	412358 1834	36901 50038	12542 865	12964 894
	20.00 29.79	0.430 10.92	3.64 92.46	X95	552320 2323	46741 63381	15886 1096	16421 1132
	20.00 29.79	0.430 10.92	3.64 92.46	G105	557301 2568	51661 70052	17558 1211	18149 1252
	20.00 29.79	0.430 10.92	3.64 92.46	S135	742244 3302	66421 90067	22575 1557	23355 1609
5 127.0	19.50 29.05	0.362 9.19	4.276 108.62	E75	395595 1760	41167 55822	9503 655	9962 687
	19.50 29.05	0.362 9.19	4.276 108.62	E75	395595 1760	41167 55822	9503 655	9962 687
	19.50 29.05	0.362 9.19	4.276 108.62	X95	501087 2229	52144 70707	12037 830	12026 829
	19.50 29.05	0.362 9.19	4.276 108.62	X95	501087 2229	52144 70707	12037 830	12026 829
	19.50 29.05	0.362 9.19	4.276 108.62	G105	553833 2464	57633 78150	13304 918	12999 896
	19.50 29.05	0.362 9.19	4.276 108.62	G105	553833 2464	57633 78150	13304 918	12999 896
	19.50 29.05	0.362 9.19	4.276 108.62	S135	712070 3168	74100 100480	17105 1180	15672 1081
	19.50 29.05	0.362 9.19	4.276 108.62	S135	712070 3168	74100 100480	17105 1180	15672 1081
	25.60 38.13	0.50 12.70	4.000 101.60	E75	530144 2358	52257 70860	13125 905	13500 931
	25.60 38.13	0.50 12.70	4.000 101.60	E75	530144 2358	52257 70860	13125 905	13500 931

Drill Pipe Dimensional Range and Performance Properties Size 5 ~ 5 1/2"

Nominal Size	Nominal Weight	Wall Thickness	Inside Diameter	Grade	Tensile Yield	Torsional Yield	Internal Pressure	Collapse
					lb	ft-lb	psi	psi
					kg/m	Nm	bar	bar
5 127.0	25.60 38.13	0.50 12.70	4.000 101.60	X95	671515 2987	66192 89756	16625 1147	17100 1179
	25.60 38.13	0.50 12.70	4.000 101.60	X95	671515 2987	66192 89756	16625 1147	17100 1179
	25.60 38.13	0.50 12.70	4.000 101.60	G105	742201 3302	73159 99204	18375 1267	18900 1303
	25.60 38.13	0.50 12.70	4.000 101.60	G105	742201 3302	73159 99204	18375 1267	18900 1303
	25.60 38.13	0.50 12.70	4.000 101.60	S135	954259 4245	94062 127548	23625 1629	24300 1676
	21.90 32.62	0.361 9.17	4.778 121.36	E75	437116 1944	50710 68763	8615 594	8413 580
5 1/2 139.7	21.90 32.62	0.361 9.17	4.778 121.36	X95	553681 2463	64233 84100	10912 753	10019 691
	21.90 32.62	0.361 9.17	4.778 121.36	G105	611963 2722	70994 96258	12061 832	10753 742
	21.90 32.62	0.361 9.17	4.778 121.36	S135	786809 3500	91278 123773	15507 1069	12679 874
	24.70 36.79	0.415 10.54	4.670 118.62	E75	497222 22121	56574 76714	9903 683	10464 722
	24.70 36.79	0.415 10.54	4.670 118.62	X95	629814 2802	71660 97171	12544 865	12933 892
	24.70 36.79	0.415 10.54	4.670 118.62	G105	696111 3097	79204 107401	13865 956	14013 966
	24.70 36.79	0.415 10.54	4.670 118.62	S135	894999 3981	101833 138086	17826 1229	17023 1174