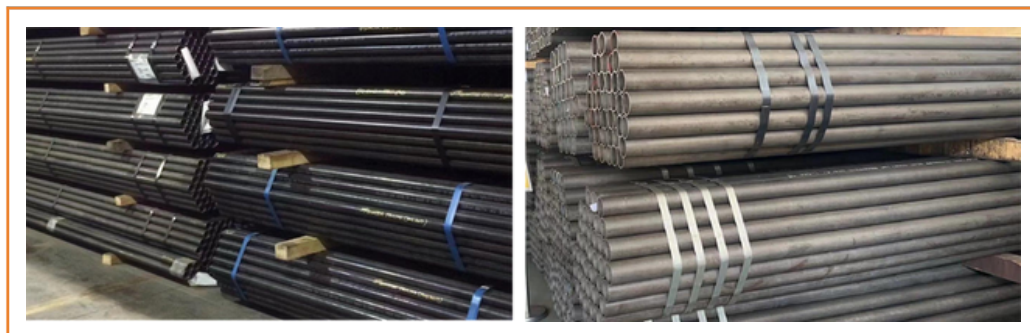


Geological Drill Rod & Casing

Geological Tube

Drillmax selects high quality cold-drawn seamless geological tube for the production of drill rod. Heat treatment process is adopted to improve the mechanical properties of geological drill rod.



Available Raw Steel Tube for Drill Rod & Casing

Grade	Processing	T.S.Rm (MPa)	Y.S. ReL (MPa)	EL A A%	Material	Product	ASTM
380	Normalizing	≥640	≥380	≥14	37Mn5	Casing Pipe	1541
490	Normalizing	≥690	≥490	≥14	45Mn2	Casing Pipe	-
590	Normalizing	≥780	≥590	≥14	30CrMo	Drill Rod	4130
640	Normalizing	≥790	≥640	≥14	30CrMo	Drill Rod	4140

Geological Tube for Manufacturing Drillmax Drill Rod

Steel Grade (Chinese Standard)	T.S.Rm (MPa)	Y.S. ReL (MPa)	EL A A%	HRC	Material	ASTM
850 (Tempering Processing)	≥950	≥850	≥14	28 ~ 33	30CrMo Low Carbon Alloy Steel	4130
	≥950	≥850	≥15	30~ 35	30CrMo Low Carbon Alloy Steel	4130
	≥980	≥890	≥15	30 ~ 35	42MnMo7 45MnMoB Medium Carbon Alloy Steel	4140

Geological Drill Rod & Casing

Wireline Drill Rod



Technical Data of C(Q) Series Wireline Drill Rod

No.	Standard	Length(mm)	OD(mm)	ID (mm)	Thread Length (mm)	Thread Pitch (mm)
1	AC(Q)	1500	44.5	34.9	41.5	6.35
2	AC(Q)	3000	44.5	34.9	41.5	6.35
3	BC(Q)	1500	55.7	46.1	44.45	8.47
4	BC(Q)	3000	55.7	46.1	44.45	8.47
5	NC(Q)	1500	70.5	60.3	44.45	8.47
6	NC(Q)	3000	70.5	60.3	44.45	8.47
7	HC(Q)	1500	89.0	77.8	44.45	8.47
8	HC(Q)	3000	89.0	77.8	44.45	8.47
9	PC(Q)	1500	114.3	101.6	63.5	10.16
10	PC(Q)	3000	114.3	101.6	63.5	10.16

Performance Data of C(Q) Series Wireline Drill Rod

No.	Standard	Tensile Strength $\geq$ (kN)	Make-up Torque (N·m)	Max. Torque (N·m)	Water Capacity (L/m)	Drilling Depth (m)
1	AC(Q)	180	295	713	1	600
2	BC(Q)	297	399	1188	1.7	1200
3	NC(Q)	387	684	3420	2.9	1200
4	HC(Q)	504	1045	4085	4.8	1200
5	PC(Q)	585	1140	4655	8.1	1200
6	PHD	585	1140	4655	8.1	1200

Geological Drill Rod & Casing

Technical Data of RC(Q) Series Wireline Drill Rod

No.	Standard	Length(mm)	OD(mm)	ID (mm)	Thread Length (mm)	Thread Pitch (mm)
1	NRC(Q)	3000	70.5	60.3	42	8.47
2	HRC(Q)	3000	89.0	77.8	42	8.47

Performance Data of RC(Q) Series Wireline Drill Rod

No.	Standard	Tensile Strength ≥ (kN)	Make-up Torque (N·m)	Maximum Torque (N·m)	Water Capacity (L/m)	Drilling Depth (m)
1	NRC(Q)	430	720	3600	2.9	1800
2	HRC(Q)	560	1100	4300	4.8	1800

Technical Data of W Series Geological Casing Pipe

No.	Standard	Length(mm)	OD(mm)	ID (mm)	Thread Length (mm)	Thread Pitch (mm)
1	NW	1500	89.0	76.3	69.3	6.35
2	NW	3000	89.0	76.3	69.3	6.35
3	HW	1500	114.3	101.6	76.2	6.35
4	HW	3000	114.3	101.6	76.2	6.35
5	PW	1500	139.7	127.0	82.6	8.47
6	PW	3000	139.7	127.0	82.6	8.47

Geological Drill Rod & Casing

Package Specification



Packaging of Wireline Drill Rod

No. Standard Length(mm)			Packing Data per Bundle (Hexgon Type)			
			Qty. (Pcs.)	Weight (kg)	L*W*H(mm)	Volume (m ³)
1	AC(Q)	1500	19	145	1600 * 240 * 206	0.08
2	AC(Q)	3000	19	280	3100 * 240 * 206	0.15
3	BC(Q)	1500	19	178	1600 * 300 * 258	0.12
4	BC(Q)	3000	19	352	3100 * 300 * 258	0.24
5	NC(Q)	1500	19	239	1600 * 375 * 322	0.19
6	NC(Q)	3000	19	490	3100 * 375 * 322	0.37
7	HC(Q)	1500	19	350	1600 * 480 * 412	0.32
8	HC(Q)	3000	19	660	3100 * 480 * 412	0.61
9	PC(Q)	1500	7	180	1600 * 385 * 331	0.2
10	PC(Q)	3000	7	355	3100 * 385 * 331	0.4

Packaging of Geological Casing Pipe

No. Standard Length(mm)			Packing Data per Bundle (Hexgon Type)			
			Qty. (Pcs.)	Weight (kg)	L*W*H(mm)	Volume (m ³)
1	BW	1500	19	295	1600 * 385 * 335	0.21
2	BW	3000	19	590	3100 * 385 * 335	0.40
3	NW	1500	19	366	1600 * 480 * 412	0.31
4	NW	3000	19	716	3100 * 480 * 412	0.61
5	HW	1500	7	180	1600 * 385 * 331	0.2
6	HW	3000	7	350	3100 * 385 * 331	0.4
7	PW	1500	7	229	1600 * 450 * 387	0.28
8	PW	3000	7	447	3100 * 450 * 387	0.54