MINING & DRILLING PRODUCTS

DRILLERS EDGE

STANDARD WIRELINE DRILL ROD SPECIFICATION

Standard Wireline Drill Rod - Parallel Wall

Specification (nominal)	Unit		BWL		NWL		HWL	
Outer diameter OD	mm	(in)	55.58	(2.19)	69.90	(2.75)	88.90	(3.50)
Inner diameter ID	mm	(in)	46.10	(1.82)	60.33	(2.38)	77.79	(3.06)
Wall thickness	mm	(in)	4.87	(0.19)	4.87	(0.19)	5.59	(0.22)
Pin end length	mm	(in)	44.45	(1.75)	44.45	(1.75)	44.45	(1.75)
Thread pitch	mm	(in)	8.47	(0.33)	8.47	(0.33)	8.47	(0.33)
Weight	kg/m	(lb/ft)	5.97	(4.01)	7.64	(5.14)	11.42	(7.67)
Rod content volume	L/m	(g/ft)	1.66	(0.13)	2.86	(0.23)	4.75	(0.38)
Hole volume	L/m	(g/ft)	2.83	(0.23)	4.51	(0.36)	7.20	(0.58)
Rod/hole annulus volume	L/m	(g/ft)	0.41	(0.03)	0.68	(0.05)	1.06	(0.09)
Recommended max depth	m	(ft)	1500.00	(4921.26)	2000.00	(6561.68)	1500.00	(4921.26)
Rated max pullback	kN	(lbf)		TBA	222.41	(50,000)	444.82	(100,000)
Rated max drilling torque	Nm	(lbf ft)		TBA	1355.82	(1000)	2711.64	(2000)
Min make-up torque to 1000m	Nm	(lbf ft)	409.47	(300)	750.69	(550)	1016.85	(750)
Displacement volume	L/m	(g/ft)	0.76	(0.06)	0.97	(0.08)	1.45	(0.12)

Standard Wireline Drill Rod - LITE

Specification (nominal)	Unit		NWL		HWL	
Outer diameter OD	mm	(in)	69.90	(2.75)	88.90	(3.50)
Inner diameter ID - box shoulder	mm	(in)	60.33	(2.38)	77.79	(3.06)
Inner diameter ID - midbody	mm	(in)	61.82	(2.43)	80.85	(3.18)
Wall thickness - box shoulder	mm	(in)	4.76	(0.19)	4.76	(0.19)
Wall thickness - midbody	mm	(in)	4.03	(0.16)	4.03	(0.16)
Pin end length	mm	(in)	44.45	(1.75)	44.45	(1.75)
Thread pitch	mm	(in)	8.47	(0.33)	8.47	(0.33)
Weight*	kg/m	(lb/ft)	6.73	(4.53)	9.08	(6.11)
Rod content volume*	L/m	(g/ft)	3.03	(0.24)	5.09	(0.41)
Hole volume	L/m	(g/ft)	4.51	(0.36)	7.20	(0.58)
Rod/hole annulus volume	L/m	(g/ft)	0.68	(0.05)	1.06	(0.09)
Recommended max depth**	m	(ft)	2500	(8202.10)	1750	(5741.47)
Rated max pullback	kN	(lbf)	222.41	(50,000)	444.82	(100,000)
Rated max drilling torque	Nm	(lbf ft)	1355.82	(1000)	2711.64	(2000)
Min make-up torque to 1000m	Nm	(lbf ft)	750.69	(550)	1016.85	(750)
Displacement volume	L/m	(g/ft)	0.88	(0.07)	1.18	(0.10)

* Calculation based on a 10 ft drill rod
** Recommended maximum depth capacity with lower powered drill

These ratings are based on calculated and/or tested values and similar results can be expected. The care and handling, as well as drilling conditions, practices, and equipment, will also play a significant role in the ultimate depth capacity and performance. If additional values are required, contact your sales representative.

The use of anti-galling thread compound is mandatory for the initial make-up of the joint.