



PRODUCT CATALOGUE ***Wireline Coring Rods***

October 2024



ECDS

EXPLORATION & CIVIL
DRILLING SOLUTIONS B.V.

www.explorationcivildrilling.com

ABOUT OUR PRODUCTS

ECDS has brought together some of the industry's most outstanding know-how products, techniques and equipment to provide a unique offering in the exploration drilling.

Standard wireline rods are the undisputed, worldwide choice for wireline drilling. ECDS has met the market demand through innovative engineering and state-of-the-art techniques.

FEATURES

TUBING

- High quality seamless alloy steel tubing
- Consistent concentricity, straightness and heat treatment
- Stress relieved to reduce unfavorable bending characteristics



THREAD

- Tapered, course threads provide easy make and break
- Load efficiency of 30-35% provides sufficient strength for average applications



THRU-WALL HEAT TREATMENT

- Provides 140% material strength
- Heat treated box and pin threads significantly increases thread wear life
- Depth capacity and life of drill rod is significantly increased with increased tensile and yield joint strength.



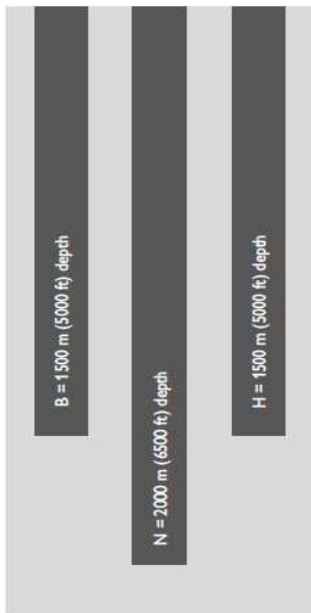
DESIGN FEATURES

- Fluid leakage is minimized via the double shouldered joint design
- Joint tension is applied to the drill string by the weight of the rods themselves hanging in the drill hole.



To get the maximum performance and life from your drill rod, it is recommended that you do not mix ECDS rods with rods from other manufacturers although the materials, process and thread design may appear similar, dimensions and tolerances may vary between manufacturers

RODS: THREAD PART NUMBERS



Metric Length Rods

ITEM	DESCRIPTION	OD (mm)	ID (mm)	WEIGHT (KG)	THREAD PITCH (mm)	PIN LENGTH (mm)	CONTENT (1/100m)
EC5515DR	Rod, B 1.5M	55.6	46.1	9.0	8.5	44.45	167.00
EC5530DR	Rod, B 3.0M	55.6	46.1	18.0	8.5	44.45	167.00
EC6915DR	Rod, N 1.5M	69.9	60.3	11.60	8.5	44.45	286.00
EC6930DR	Rod, N 3.0M	69.9	60.3	23.10	8.5	44.45	286.00
EC8815DR	Rod, H 1.5M	88.9	77.8	17.10	8.5	44.45	475.00
EC8830DR	Rod, H 3.0M	88.9	77.8	34.20	8.5	44.45	475.00

Rod Bundle Details

ITEM	DESCRIPTION	# Rod per Bundle	Length (mm)	Width (mm)	Height (mm)	Wt./ Bundle (mm)	Bundles per Container (40ft HC)
EC5515DR	Rod, B 1.5M	19	1580	292	254	181	126
EC5530DR	Rod, B 3.0M	19	3080	292	254	355	63
EC6915DR	Rod, N 1.5M	19	1580	368	330	239	100
EC6930DR	Rod, N 3.0M	19	3124	368	330	453	52
EC8815DR	Rod, H 1.5M	19	1580	470	406.4	343	60
EC8830DR	Rod, H 3.0M	19	3080	470	406.4	674	35

All ratings have been calculated and are based on qualified drilling crews using high quality drilling tools in “normal” ground conditions. These results can be reasonably expected but no guarantee is implied.

SPECIFICATIONS DATA

Specifications	B	N	H
OD	55.60mm	69.90mm	88.90mm
ID (Box Shoulder)	46.00mm	60.30mm	77.80mm
Wall thickness	4.90mm	4.80mm	5.55mm
Rod/Hole Annulus Volume	0.40 l/m	0.68 l/m	1.05 l/m
Recommended Max Depth	1500m	2000m	1500m
Recommended Max Pullback	112 kN	140 kN	215 kN
Recommended Max Drilling Torque	759 Nm	1257 Nm	2503 Nm
Min Yield Strength (joint)	1070 MPa	1070 MPa	1070 MPa
Min Tensile Strength (joint)	1200 MPa	1200 MPa	1200 MPa
Collapse Pressure	114 MPa	81 MPa	69 MPa

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