SIERRA

SCX SUNNY CORNER EXPLORATION

RP640 Series Rods

CORING AFTERMARKET

R Wireline Drill Rods

Our SCX RP640 Series “R” wireline drill rods feature thread profiles in their truest form for the best fit possible - instead of accepting common industry practices used on the finished machined threads, SCX has introduced a proprietary thread compound to address the issue of galling. SCX’s high quality standards and level of excellence in manufacturing has enabled us to provide wireline drill rods with optimal performance through superior:

- Material specification
- Heat treatment
- Machining

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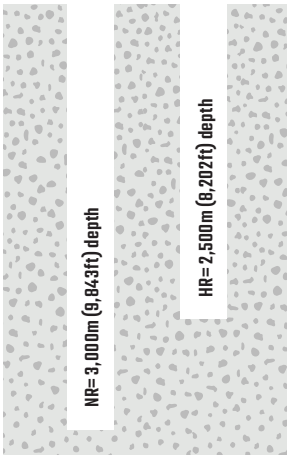
SUNNY CORNER EXPLORATION



SCX RP640 Series “R” wireline drill rods feature an industry proven thread form that has proven itself time and time again as a quality thread that will meet all of your requirements for deep hole drilling applications.

METRIC LENGTH RODS

Part No	Description	Length	ID mm	ID in	OD mm	OD in	Weight kg	Weight lb
BG00917369	Drill Rod, NR	1.5 m	60.3	2.37	69.9	2.75	11.60	25.46
BG00917237	Drill Rod, NR	3.0 m	60.3	2.37	69.9	2.75	23.10	50.93
BG01080373	Drill Rod, HR	1.5 m	77.8	3.06	88.9	3.50	17.10	37.70
BG01080166	Drill Rod, HR	3.0 m	77.8	3.06	88.9	3.50	34.20	75.40

NOTE: 0.6 m heat treated drill rod is available as special order.

ROD BUNDLE DETAIL

Bundle	# of rods	Length m	Length ft	Width mm	Width in	Height mm	Height in	Weight kg	Weight lb	Qty Per Container
NR	19	1.58	5.18	356	14.02	320	12.60	229	505	100
	19	3.08	10.11	356	14.02	320	12.60	450	992	52
HR	19	1.58	5.18	470	18.50	410	16.14	343	756	60
	19	3.08	10.11	470	18.50	410	16.14	674	1,486	35

Finished rods are bundled to protect the precision machined threads from the elements and potential impact damage, therefore sold in BUNDLE QUANTITIES ONLY

NOTE: Bundles per container is based on standard 40 ft shipping container. Details above are for metric length rods - 0.6 m or imperial length rod bundle details are available on request. Bundle weights are a guide for shipping purposes. Not to be used for calculation in drilling operations. Please refer to drill rod specification.

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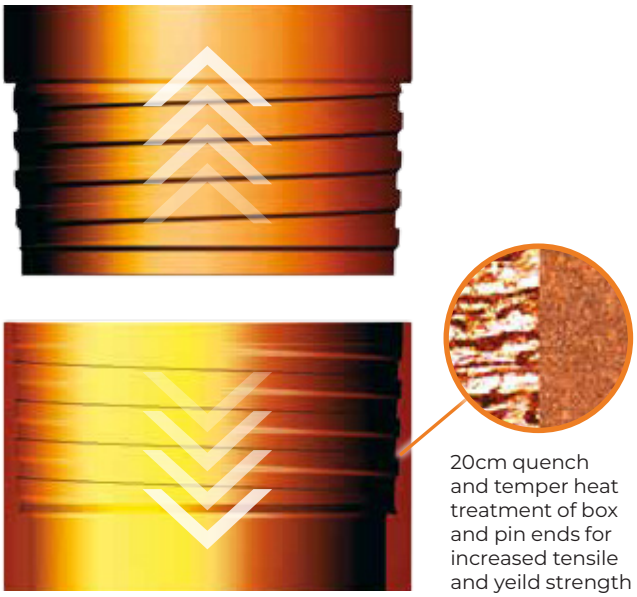
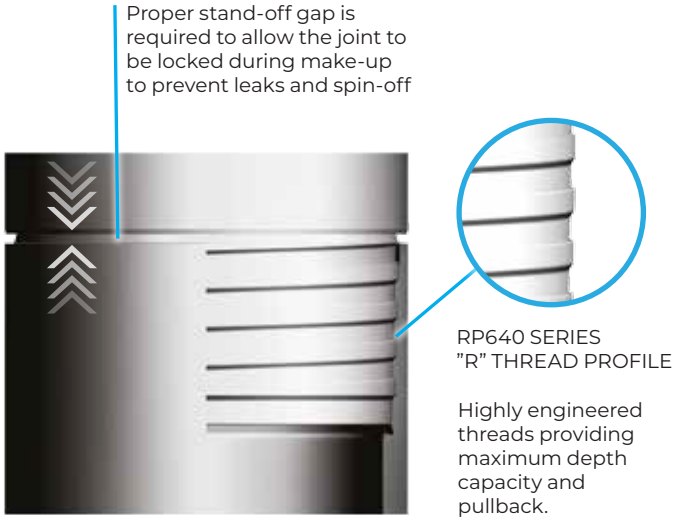
SPECIFICATION

DRILL RODS

	NR		HR	
	Metric	**Imperial**	**Metric**	**Imperial**
Outer Diameter OD	69.90 mm	2.75 in	88.90 mm	3.50 in
Inner Diameter ID (box shoulder)	60.30 mm	2.37 in	77.80 mm	3.06 in
Inner Diameter ID (midbody)	60.30 mm	2.37 in	77.80 mm	3.06 in
Wall Thickness	4.80 mm	0.19 in	5.55 mm	0.22 in
Pin End Length	44.5 mm	1.8 in	44.5 mm	1.8 in
Thread Pitch	8.50 mm	0.33 in	8.50 mm	0.33 in
Weight	7.71 kg/m	5.18 lb/ft	11.41 kg/m	7.67 lb/ft
Rod Content Volume	2.86 l/m	0.75 gpm	4.75 L/m	1.26 gpm
Hole Volume	4.51 l/m	1.19 gpm	7.25 L/m	1.92 gpm
Rod/Hole Annulus Volume	0.68 l/m	0.18 gpm	1.05 L/m	0.28 gpm
Recommended Max Depth	3,000 m	9843 ft	2,500 m	8,202 ft
Recommended Max Pullback	250 kN	56,200 lbf	500 kN	112,400 lbf
Recommended Max Drilling Torque	1,200 Nm	890 lbf ft	2,400 Nm	1,800 lbf ft
Recommended Min Make-Up Torque	600 Nm	443 lbf ft	1,000 Nm	738 lbf ft
Recommended Min Make-Up Torque, over 1,000m	1,000 Nm	738 lbf ft	1,400 Nm	1,003 lbf ft
Recommended Min Make-Up Torque,over 2,000m	1,400 Nm	1,030 lbf ft	2,000 Nm	1,470 lbf ft
Min Yield Strength (joint)	1,070 MPa	155,191 psi	1,070 MPa	155,191 psi
Min Tensile Strength (joint)	1,200 MPa	174,046 psi	1,200 MPa	174,046 psi
Displacement Volume	0.98 L/m	0.26 gpm	1.45 L/m	0.38 gpm
Collapse Pressure	81 MPa	11,782 psi	69 MPa	9,995 psi



20cm quench and temper heat treatment of box and pin ends for increased tensile and yeild strength



Proper stand-off gap is required to allow the joint to be locked during make-up to prevent leaks and spin-off

RP640 SERIES
"R" THREAD PROFILE

Highly engineered threads providing maximum depth capacity and pullback.

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. SCX wireline drill rods require the use of SCX proprietary thread compound on initial make-up.