



**CORING AFTERMARKET**

# RP622 Series Rods

## Wireline Drill Rods

The RP620 series of drill rod features 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:

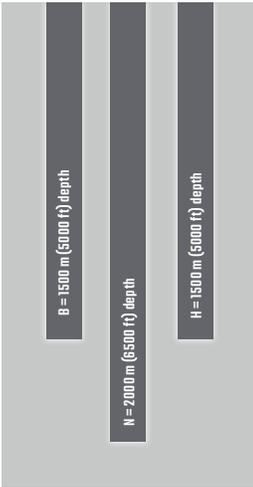
- ▶ **Material specification**
- ▶ **Heat treatment**
- ▶ **Machining**



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

Contact your SCX representative today.

*SCX recommends using only SCX quality manufactured parts. SCX does not guarantee the consistency or quality of other manufacturers.*



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.

For more specification see the wireline drill rod specification sheet.



SCX's environmentally friendly anti-galling thread compound is available for purchase, contact your representative

3.8 l container p/n BB00000241  
20 l container p/n BB00000242



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

The RP622 series of drill rod features the industry standard modified ACME thread on the box and pin ends with the appropriate stand-off gap to ensure a tight seal.

## METRIC LENGTH RODS

Part No	Description	Length	ID		OD		Weight	
			mm	in	mm	in	kg	lb
BB00000167	Drill Rod, B	0.6 m	46.0	1.81	55.6	2.19	3.58	7.89
BB00000035	Drill Rod, B	1.5 m	46.1	1.81	55.6	2.19	8.95	14.65
BB00000037	Drill Rod, B	3.0 m	46.1	1.81	55.6	2.19	17.9	39.46
BB00000168	Drill Rod, N	0.6 m	60.3	2.38	69.9	2.75	4.58	10.10
BB00000038	Drill Rod, N	1.5 m	60.3	2.38	69.9	2.75	11.45	25.25
BB00000039	Drill Rod, N	3.0 m	60.3	2.38	69.9	2.75	22.90	50.49
BB00000169	Drill Rod, H	0.6 m	77.8	3.06	88.9	3.50	7.16	15.08
BB00000040	Drill Rod, H	1.5 m	77.8	3.06	88.9	3.50	17.93	37.70
BB00000041	Drill Rod, H	3.0 m	77.8	3.06	88.9	3.50	34.20	75.40

**NOTE:** 0.6 m rod lengths are available on request, contact your SCX representative.

## IMPERIAL LENGTH RODS

Part No	Description	Length	ID		OD		Weight	
			mm	in	mm	in	kg	lb
BB00000044	Drill Rod, B	5 ft	46.1	1.81	55.6	2.19	9.53	21.00
BB00000045	Drill Rod, B	10 ft	46.1	1.81	55.6	2.19	19.05	42.00
BB00000046	Drill Rod, N	5 ft	60.3	2.38	69.9	2.75	12.25	27.00
BB00000047	Drill Rod, N	10 ft	60.3	2.38	69.9	2.75	24.04	53.00
BB00000048	Drill Rod, H	5 ft	77.8	3.06	88.9	3.50	18.14	40.00
BB00000050	Drill Rod, H	10 ft	77.8	3.06	88.9	3.50	35.83	79.00

**!** **NOTE:** To get the maximum performance and life from your drill rod, it is recommended that you do not mix SCX rods with adapter subs from other manufacturers, please refer to the adapter sub pages for complete selection of SCX adapter subs. SCX's anti-galling joint compound **MUST** be used on the initial make and break of every rod — **DO NOT REMOVE.**

## ROD BUNDLE DETAIL

Bundle	# of rods	Length		Width		Height		Weight		Qty Per Container
		m	ft	mm	in	mm	in	kg	lb	
B	19	1.58	5.18	290	11.42	254	10.00	181	399	126
	19	3.08	10.11	290	11.42	254	10.00	355	783	63
N	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
H	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

**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.

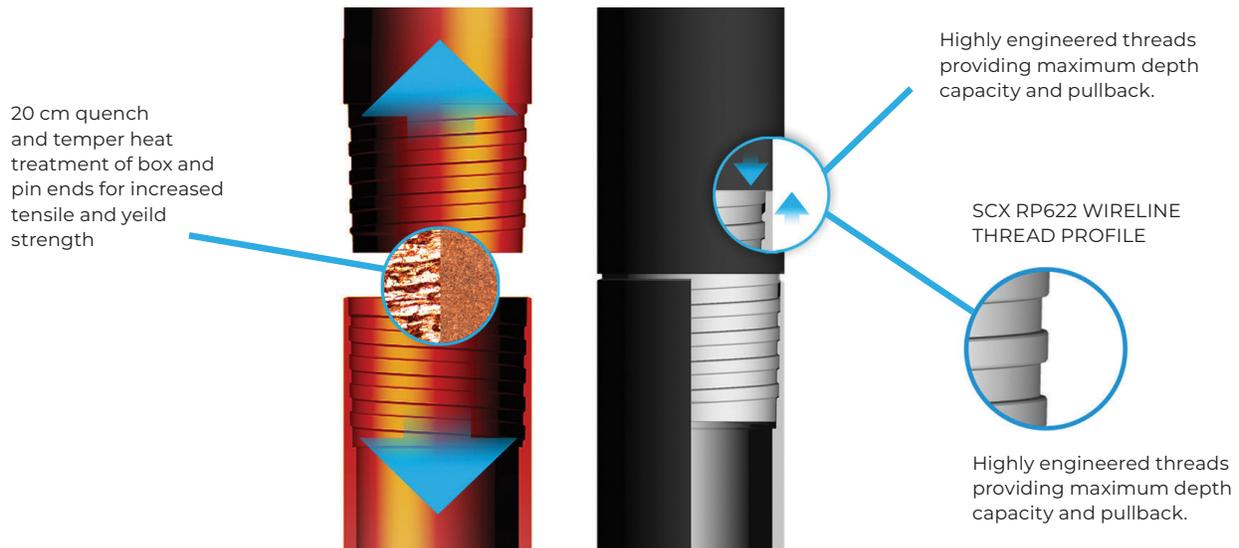
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## SPECIFICATION

## DRILL RODS

	<b>B</b>		<b>N</b>		<b>H</b>	
	<b>Metric</b>	<b>Imperial</b>	<b>Metric</b>	<b>Imperial</b>	<b>Metric</b>	<b>Imperial</b>
Outer Diameter OD	55.60mm	2.19 in	69.90 mm	2.75 in	88.90 mm	3.50 in
Inner Diameter ID (box shoulder)	46.00mm	1.81 in	60.30 mm	2.37 in	77.80 mm	3.06 in
Inner Diameter ID (midbody)	46.00mm	1.81 in	60.30 mm	2.37 in	77.80 mm	3.06 in
Wall Thickness	4.90mm	0.19 in	4.80 mm	0.19 in	5.55 mm	0.22 in
Pin End Length	44.5mm	1.8 in	44.5 mm	1.8 in	44.5 mm	1.8 in
Thread Pitch	8.50mm	0.33 in	8.50 mm	0.33 in	8.50 mm	0.33 in
Weight	5.96 kg/m	4.00 lb/ft	7.71 kg/m	5.18 lb/ft	11.41 kg/m	7.67 lb/ft
Rod Content Volume	1.67 l/m	0.44 gpm	2.86 l/m	0.75 gpm	4.75 l/m	1.26 gpm
Hole Volume	2.83 l/m	0.75 gpm	4.51 l/m	1.19 gpm	7.25 l/m	1.92 gpm
Rod/Hole Annulus Volume	0.40 l/m	0.1 gpm	0.68 l/m	0.18 gpm	1.05 l/m	0.28 gpm
Recommended Max Depth	1,500 m	4,921 ft	2,000 m	6,562	1,500 m	4,921 ft
Recommended Max Pullback	112 kN	25,179 lbf	140 kN	31,550 lbf	215 kN	48,225 lbf
Recommended Max Drilling Torque	759 Nm	627 lbf ft	1,257 Nm	927 lbf ft	2,503 Nm	1,846 lbf ft
Recommended Min Make-Up Torque	400 Nm	295 lbf ft	600 Nm	443 lbf ft	1,000 Nm	738 lbf ft
Recommended Min Make-Up Torque, over 1,000m	500 Nm	369 lbf ft	1,000m	738 lbf ft	1,200 Nm	885 lbf ft
Recommended Min Make-Up Torque, over 2,000m	--	--	--	--	--	--
Min Yield Strength (joint)	1,070 MPa	155,191 psi	155,191 psi	155,191 psi	1,070 MPa	155,191 psi
Min Tensile Strength (joint)	1,200 MPa	174,046 psi	174,046 psi	174,046 psi	1,200 MPa	174,046 psi
Displacement Volume	0.76 l/m	0.20 gpm	0.20 gpm	0.26 gpm	1.45 l/m	0.38 gpm
Collapse Pressure	114 MPa	16,840 psi	81 MPa	11,782 psi	69 MPa	9,995 psi



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. \* Box and pin ends have not been quench and tempered. \*\*Manufactured from variable wall material, measurements are only representative of rod box/pin ends.

SCX reserves the right to make changes to the information on this data sheet without prior notification to users. Please contact a SCX representative for clarification on specifications and options.