BOART LONGYEAR®

SUPERQ™ THE NEW STANDARD IN Q ROD PERFORMANCE.

A smart evolution of the Q system you already trust. Stronger joints, easier threading, improved safety, and full Q®/MQ® compatibility.

TRUSTED AT EVERY TURN™

PERFORMANCE-FOCUSED TECHNOLOGY

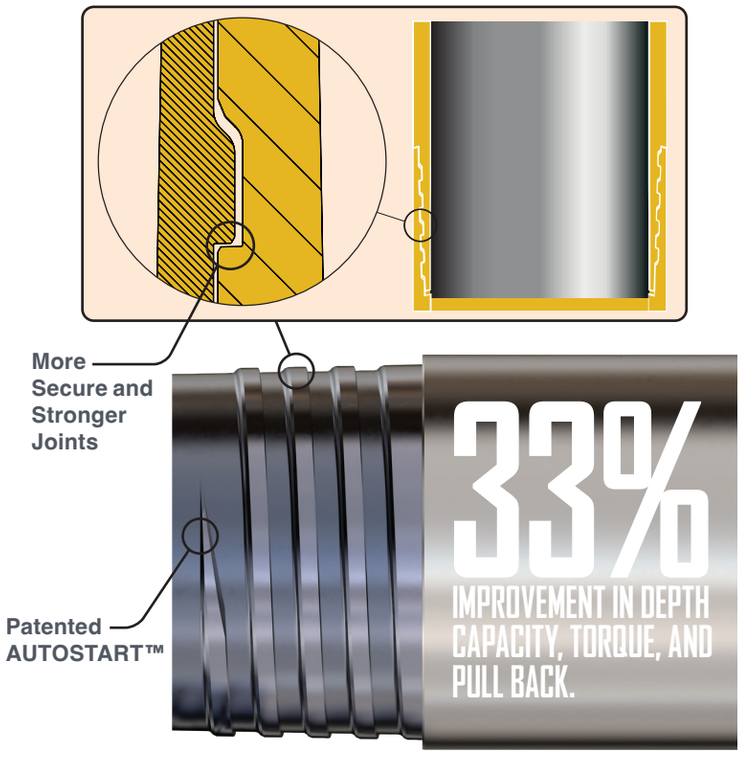
SuperQ™ Coring Rods have been developed as a smarter version of the Q® system that has been trusted for decades. Engineered as a drop-in replacement, SuperQ delivers enhanced joint strength, smoother threading, and improved operator safety, while remaining 100% compatible with existing Q and MQ tooling and drill rigs.

No system changes, no new accessories, no downtime. With SuperQ, you reduce complexity, gain premium performance, and keep your operations running at their best, all at the same price of standard Q rods.

With SuperQ, drillers and mine operators gain a new feature set that sets the benchmark for rod performance:

- **100% Q/MQ-Compatible** – Seamlessly integrates with your existing Q tooling and rigs.
- **Stronger Joints** – Engineered for durability and reliability in demanding conditions. Up to 2500m (N).
- **AUTOSTART for Easier Threading** – Faster makeup and breakout, reducing operator strain and downtime.
- **Ultimate Life** - case hardened pin threads provide the longest thread life
- **Improved Safety** – Designed to minimize handling risks and improve crew confidence.
- **Simplified Inventory** – One rod replaces Q and MQ streamlining your supply chain.
- **Rapid Delivery** – Local stock in key markets ensures tooling is available when you need it.

THREAD PROFILE



PARTS SELECTION

Part Number	Description	Diameter	Length	
			M	FT
3548206S	ROD, BQ 1.5M SUPER	BQ	1.5	-
3548207S	ROD, BQ 5FT SUPER	BQ	-	5
3548208S	ROD, BQ 3.0M SUPER	BQ	3	-
3548209S	ROD, BQ 10FT SUPER	BQ	-	10
3548210S	ROD, NQ 1.5M SUPER	NQ	1.5	-
3548211S	ROD, NQ 5FT SUPER	NQ		5
3548212S	ROD, NQ 3.0M SUPER	NQ	3	-
3548213S	ROD, NQ 10FT SUPER	NQ	-	10
3548214S	ROD, HQ 1.5M SUPER	HQ	1.5	-
3548215S	ROD, HQ 5FT SUPER	HQ		5
3548216S	ROD, HQ 3.0M SUPER	HQ	3	-
3548217S	ROD, HQ 10FT SUPER	HQ	-	10
5010611S	ROD, BQ 0.9M SUPER	BQ	0.9	-
51554S	ROD, BQ 1FT SUPER	BQ	-	1
51555S	ROD, BQ 2FT SUPER	BQ	-	2
51562S	ROD, NQ 1FT SUPER	NQ	-	1
51563S	ROD, NQ 2FT SUPER	NQ	-	2
51568S	ROD, HQ 1FT SUPER	HQ	-	1
51569S	ROD, HQ 2FT SUPER	HQ	-	2

Contact your regional sales team to inquire about more options.

BOART LONGYEAR™

TECHNICAL INFORMATION

B SuperQ

Performance Rating	Metric	Imperial
Rated Drilling Depth by Joint Strength	2,000 m	6,500 ft
Rated Maximum Pullback	200 kN	45,000 lb
Rated Maximum Torque (Operating or Make-Up)	1,000	750 ft-lb
Recommended Minimum Make-Up Torque for Deviated or Deep Holes over 2000m	1,000	750 ft-lb
Recommended Minimum Make-Up Torque for Deviated or Deep Holes over 2000m	700 Nm	500 ft-lb
Recommended Minimum Make-Up Torque	400 Nm	300 ft-lb
API Theoretical Burst Pressure at Box Shoulder (per API bulletin 5C3)	59,250 kPa	8,500 psi
API Theoretical Burst Pressure at Midbody (per API bulletin 5C3)	93,200 kPa	13,500 psi
API Theoretical Collapse Pressure at Midbody (per API bulletin 5C3)	97,300 kPa	14,100 psi

Rating Criteria	Metric	Imperial
Rod Midbody Outer Diameter	55.9 mm	2.19 in
Rod Midbody Inner Diameter	46.1 mm	1.81 in
Rod Joint Inner Diameter	46.1 mm	1.81 in
Rod Resistance to Deviation (Stiffness)	6,183 mm	9.60 in
Rod Weight per Unit Length	6.3 kg/m	4.20 lb/ft
Rod Content Weight (Water) per Unit Length	1.7 L/m	0.13 gal/ft
Rod Displacement (Water) per Unit Length	0.8 L/m	0.07 gal/ft

N SuperQ

Performance Rating	Metric	Imperial
Rated Drilling Depth by Joint Strength	2,500 m	8,000 ft
Rated Maximum Pullback	250 kN	60,000 lb
Rated Maximum Torque (Operating or Make-Up)	2,000 Nm	1,500ft-lb
Recommended Minimum Make-Up Torque for Deviated or Deep Holes over 2000m	1,500 Nm	1,000 ft-lb
Recommended Minimum Make-Up Torque for Deviated or Deep Holes over 2000m	1,000 Nm	750 ft-lb
Recommended Minimum Make-Up Torque	700 Nm	500 ft-lb
API Theoretical Burst Pressure at Box Shoulder (per API bulletin 5C3)	47,000 kPa	6,800 psi
API Theoretical Burst Pressure at Midbody (per API bulletin 5C3)	75,500 kPa	10,950 psi
API Theoretical Collapse Pressure at Midbody (per API bulletin 5C3)	73,900 kPa	10,700 psi

Rating Criteria	Metric	Imperial
Rod Midbody Outer Diameter	69.9 mm	2.75 in
Rod Midbody Inner Diameter	60.3 mm	2.38 in
Rod Joint Inner Diameter	60.3 mm	2.38 in
Rod Resistance to Deviation (Stiffness)	13,135 mm	20.40 in
Rod Weight per Unit Length	7.8 kg/m	5.20 lb/ft
Rod Content Weight (Water) per Unit Length	2.9 L/m	0.23 gal/ft
Rod Displacement (Water) per Unit Length	0.9 L/m	0.04 gal/ft

TECHNICAL INFORMATION

H SuperQ

Performance Rating	Metric	Imperial
Rated Drilling Depth by Joint Strength	2,000 m	6,500 ft
Rated Maximum Pullback	350 kN	80,000 lb
Rated Maximum Torque (Operating or Make-Up)	2,000 Nm	1,500 ft-lb
Recommended Minimum Make-Up Torque for Deviated or Deep Holes over 2000m	1,750 Nm	1,250ft-lb
Recommended Minimum Make-Up Torque for Deviated or Deep Holes over 2000m	1,500 Nm	1,000 ft-lb
Recommended Minimum Make-Up Torque	1,000 Nm	750 ft-lb
API Theoretical Burst Pressure at Box Shoulder (per API bulletin 5C3)	45,000 kPa	6,500 psi
API Theoretical Burst Pressure at Midbody (per API bulletin 5C3)	64,000 kPa	9,850 psi
API Theoretical Collapse Pressure at Midbody (per API bulletin 5C3)	60,000 kPa	8,770 psi

Rating Criteria	Metric	Imperial
Rod Midbody Outer Diameter	89.0 mm	3.50 in
Rod Midbody Inner Diameter	77.8 mm	3.06 in
Rod Joint Inner Diameter	77.8 mm	3.06 in
Rod Resistance to Deviation (Stiffness)	31,668 mm	49.10 in
Rod Weight per Unit Length	11.4 kg/m	7.70 lb/ft
Rod Content Weight (Water) per Unit Length	4.8 L/m	0.38 gal/ft
Rod Displacement (Water) per Unit Length	1.5 L/m	0.12 gal/ft

NOTE: All rod capacities and failure loads were determined through simultaneous torque and tension load testing by an independent party. An appropriate safety factor has been applied in determining the ratings above. These ratings apply to new, unused rods of Boart Longyear manufacture, in a straight verticle down-hole, assuming compliance to Boart Longyear Care and Handling or Product Literature and standard core drilling practices. Actual performance may vary depending on operating conditions and drilling practices. Actual Burst and collapse pressure ratings will be reduced under drilling loads. Increase make-up torque to match operating torque in deep down-holes. Operating torque should not exceed make-up torque.