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LIGHTNING ROD™ SERIES

Surface Drill and Blast Product Overview



- 1 MALE/FEMALE END THREAD FORMS**
Eliminates conventional coupling to allow quick, automated subtractions and additions to the drill string
- 2 TREATED MALE AND FEMALE ENDS**
High wear resistance and durability
- 3 PREMIUM MID-BODY STEEL**
Designed for air flushing and optimal rod compliance, the mid-body's structure is strong and durable with efficient energy transfer
- 4 WIDE RANGE OF SIZES AND THREAD FORMS**
Selected to cover multiple project specific needs

LIGHTNING ROD™ SERIES

Fast Productivity

Boart Longyear has built its reputation by providing innovative Rock Drill and Blast products for specific customer needs. The introduction of our Lightning Rod™ Series for the Surface Drill and Blast percussive market continues this tradition. In response to industry demands, the Lightning Rod Series provides a quick-change male/female rod with high-durability and air flushing. These rods are designed specifically for the surface drill and blast market by focusing on the quick-change properties of male/female configurations and fully treated end-form with a premium steel mid-body. This creates easy coupling and uncoupling, carousel storage and loading, and air flushing. The result is higher productivity and improved efficiency.

Strength Where It Counts

The Lightning Rod Series of Surface Drill and Blast Products utilizes high-strength steel coupled with high-wear resistant ends. The male and female end forms are fully treated to provide market-leading wear resistance during both the drilling process as well as coupling and uncoupling events. Galling, chipping, and surface damage are minimized. The mid-body is comprised of premium steel that has been optimized for maximum air flushing. The Lightning Rod Series also delivers optimum rod compliance for the full range of ground conditions.

Quick to Change

The design configuration of the Lightning Rod Series is a male/female layout that requires no additional coupling. This allows for faster additions or removals to the drill string. The absence of a traditional coupling and optimal geometry is designed for use in top-hammer rod carousel storage and loaders. A wide range of diameters from 33 mm to 60 mm, and lengths from 8 ft to 14 ft provides customers the right size combination for specific project needs.



ROD SIZES AVAILABLE

Size	Length	Thread Type	Wrench Flats	Part Numbers
Round 33 mm (33R)	8	R32	No	210181
	10	R32	Yes	210182
	12	R32	No	210183
	14	R32	No	210184
	16	R32		*TBA
Round 39 mm (39R)	8	R38	Yes	210185
	10	R38	Yes	210186
	12	R38	Yes	210187
	14	R38	No	210188
	16	R38		*TBA
Round 39 mm (39R)	8	HM38	No	210189
	10	HM38	No	210190
	12	HM38	Yes	210191
	14	HM38	Yes	210192
	16	HM38		*TBA
Round 46 mm (46R)	10	HM45	Yes	210193
	12	HM45	No	210194
	14	HM45	No	210195
	16	HM45		*TBA
	18	HM45	No	*TBA
	20	HM45	No	*TBA
Round 52 mm (52R)	12	HM51	Yes	210196
	14	HM51	Yes	210197
	16	HM51		*TBA
	20	HM51	No	*TBA
	24	HM51		*TBA
Round 60 MM (60R)	12	EL60		210198
	14	EL60	No	210199
	16	EL60		*TBA
	20	EL60		*TBA
	24	EL60		*TBA

*Future availability



Global Headquarters

Boart Longyear
10808 South River Front Parkway
Suite 600
South Jordan, Utah 84095
United States of America
info@boartlongyear.com

Tel: +1 801 972 6430
Fax: +1 801 977 3374

Canada

Boart Longyear
2442 South Sheridan Way
Mississauga, Ontario
Canada L5J 2M7
info@boartlongyear.com

Tel: +1 905 822-7922
Fax: +1 905 822-7232

Asia Pacific

Boart Longyear
26 Butler Boulevard
Adelaide, 5950
Australia
infoAP@boartlongyear.com

Tel: +61 8 8375 8375
Fax: +61 8 8375 8497

Latin America

Boart Longyear
Portal Riesco
Av. El Salto 4001, Huechuraba
Santiago, Chile 858 0641
infochile@boartlongyear.com

Tel: +56 2 595 3300
Fax: +51 242 671

Europe

Boart Longyear
12 Avenue des Morgines
CH1213 Petit-Lancy,
Geneva, Switzerland
infoEU@boartlongyear.com

Tel: +41 22 709 0800
Fax: +41 22 709 0801

Sub-Saharan Africa

Boart Longyear
Cycad House, Constantia Office Park
Cnr 14th Avenue and Hendrik Potgieter
Weltevreden Park, 1709
Gauteng, South Africa
infosasa@boartlongyear.com

Tel: +27 11 767 9300
Fax: +27 11 767 9301

ROCK DRILL AND BLAST DRILLING PRODUCTS



Production Equipment



Pneumatic Rock Drills



Rock Drill and Blast Tooling