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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



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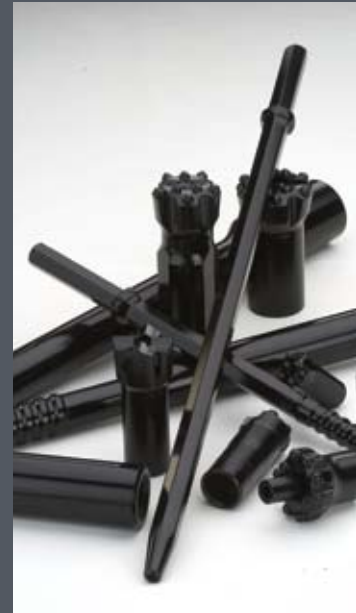
## ROCK DRILL AND BLAST DRILLING PRODUCTS



Production Equipment



Pneumatic Rock Drills



Rock Drill and Blast Tooling