

STAGE™

Innovative Design

Boart Longyear has a well known history of innovation and the Stage™ waterway design pushed the envelope by allowing the tallest crown height in the industry. With a continued focus on our customer, we've never stopped improving our patented design.†

Boart Longyear has taken Stage technology to the next level, delivering time savings and increased productivity. Spend more time drilling and far less time tripping rods.

Superior Productivity in All Ground Conditions

Armed with substantial driller feedback and the goal of producing the best bit on the market, Boart Longyear engineers set out to expand the Stage waterway design. We've produced a bit which will provide a new benchmark for reliable, cost-effective productivity in any ground condition.

The new design features an expansion of our patented† window design to improve productivity, a revised window layout to increase strength and our new patent-pending RazorCut™ face design which provides the driller with a ready-to-cut bit right out of the box and provides excellent tracking to maintain straightness while drilling.

New Sizes and Options

In addition to the design changes, the Stage waterway option is now available in both 16mm and 25mm impreg depths. For very soft and broken ground conditions, Stage is now available in a face discharge configuration.

† 7,628,228; other patents pending



BOART LONGYEAR™

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To learn how STAGE™ technology can improve productivity, safety and performance on your site, contact your local Boart Longyear sales representative or visit www.boartlongyear.com/stage.



STAGE™ DIAMOND CORE BITS

Technical Overview

 **BOART LONGYEAR™**



1. TWIN-TAPER™ WINDOW
Dramatically improves flushing, forcing debris through the windows while keeping the bit face clear and reinforcing the inner-diameter.

2. WINDOW LAYOUT
Window distribution and shape have been redesigned for optimum performance in any ground condition.

3. RAZORCUT™ FACE DESIGN
Patent-pending design is ready-to-cut right out of the box and improves tracking and balance in the hole.

NEW OPTIONS
The Stage™ waterway option is available in either 16mm or 25mm impreg depths. Face discharge is also an available option.



RAZORCUT™ FACE DESIGN†

- Patent-pending design
- Ready-to-cut right out of the box with no need to strip
- Improved tracking and balance in the hole

TWIN-TAPER™ WINDOW†

- Patent-pending design
- Increases the surface area of the inner diameter of the bit resulting in wear resistance in all ground conditions
- New window geometry prevents debris from clogging the windows
- Windows feature rounded corners to increase strength
- Window distribution has been refined, increasing crown strength

NEW OPTIONS

- 16mm impreg height for shallow holes
- 25mm impreg height delivers the most productive bit in the industry – longer lasting, faster cutting and great stability at any hole depth
- For soft or broken ground conditions, Stage is now available in a face discharge configuration.

BITS AVAILABLE WITH THE STAGE™ WATERWAY CONFIGURATION

OPTIONS	AQ™TK	BQ™	BQ™TK	BTW	NQ™	NQ™2”	NQ™3*	NTW	HQ™	HQ™3	PQ™	PQ™3
16mm	Series 6-10 (ABR, STD & COM)**											
25mm	Series 6-10 (ABR, STD & COM)**											
face discharge option					◆		◆		◆		◆	
**Additional configurations and designs are available upon request												