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RSUMX™ DIAMOND REAMING SHELL
Ultramatrix™ Product

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RSUMX™

Using Ultramatrix™ technology, and a new pad design, Boart Longyear has made RSUMX diamond impregnated reaming shells to be the longest lasting available. RSUMX is also available with optional heavy duty blanks and dual pads, making it your first choice in all exploration coring applications.

UMX™

Boart Longyear's extensive drilling experience and history of engineering are the drivers behind the incredibly innovative UMX™ diamond products. By combining patented technologies with customer collaboration, Boart Longyear's engineers have designed the highest performing diamond reaming shells available.

Ultramatrix™

RSUMX diamond impregnated reaming shells feature Boart Longyear's patented Ultramatrix. Ultramatrix technology enables the use of large synthetic diamonds with a novel formula, increasing wear resistance even in the most difficult formations. Add to this an optional heavy duty blank to produce the ultimate reaming shell for broken formations.

Enhanced Stability

Featuring large, spiral, diamond ground pads, RSUMX reaming shells increase stability and reduce drill string vibration at the face of the bit. Diamond grinding pre-exposes the diamond and allows tighter size control putting more diamond in contact with the rock, stabilizing the bit. The pre-exposure and reduced size variation maximizes available life.

Genuine Q™ Wireline System

The RSUMX reaming shells are an integrated part of the industry trusted Boart Longyear genuine Q wireline system.



For more information on the RSUMX™
Diamond Reaming Shell scan with a
QR code reader on your smart phone.



1 **ULTRAMATRIX™ DIAMOND IMPREGNATED PAD**

Patented technology enables the use of large synthetic diamonds greatly enhancing wear life and eliminating the need for specialty shells in diamond exploration.

2 **DIAMOND GROUND**

Outer diameter grinding pre-exposes the diamond and reduces variation in size improving stability and helping to produce the longest lasting reaming shell available.

3 **HEAVY DUTY**

Available with an optional heavy duty blank to prevent undercutting in extremely broken conditions (Standard on oversize versions)

DUAL PAD

Available in dual pad 10" configurations for straighter holes when deviation is a concern. (Not shown)



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MINING AND EXPLORATION DRILLING PRODUCTS



Diamond Coring Rigs



**Genuine Q™ Wireline
Tooling**



Rods and Casing