



**BOART  
LONGYEAR®**



**VARIABLE WEAR RESISTANCE**

**SCALABLE WEAR LIFE**

**INCREASED ROP WITH LESS WOB**



**STINGRAY™ DHM/FULL FACE  
DIAMOND BIT**

Introducing Boart Longyear renowned diamond matrix technology integrated into high-speed, long lasting down-hole-motor and full-face drilling applications.



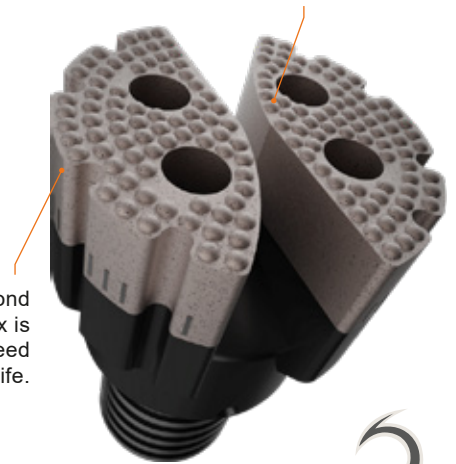
## DIAMOND DRILLING TECHNOLOGY

Purpose-engineered for down hole motor (DHM) and full face drilling, the Stingray bit combines cutting-edge crown design with durable diamond technology to maximize penetration rates and extend wear life across the most demanding ground conditions.

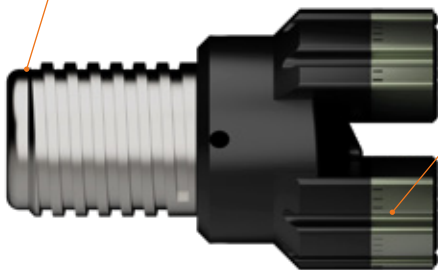
The Stingray bit is the result of extensive field testing and development, addressing the demand for higher efficiency, longer service life, and greater reliability in abrasive and variable geology. Its advanced design delivers more consistent wear across the bit face, reducing downtime and enabling drillers to reach target depths faster and more safely.

Specialized matrix provides even wear throughout life of bit.

Longyear® Diamond full-hole matrix is designed for speed and extended life.



Stingray is available in both pin and box configurations.

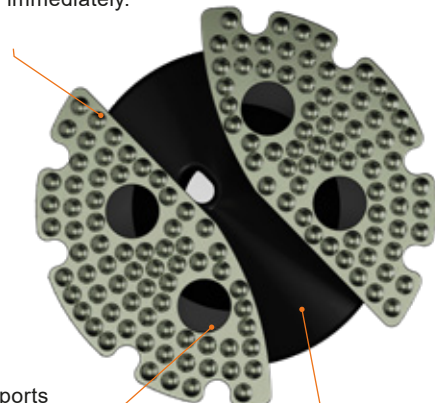


Extended crown height enables Stingray to match and surpass traditional top-hammer systems in blasting applications.

Razorcut® face design starts cutting immediately.

High-velocity fluid ports maintain optimal face temperature.

High-efficiency flushing.







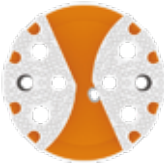



## FEATURES AND BENEFITS

- Variable wear resistance
- Scalable wear life
- Increased ROP with less WOB
- Limits early end of life due to concave wear



## DOWN HOLE MOTOR (DHM)

Face	Side	Part #	Waterway	Crown Height (mm)	Formula	Gauge	Oversize OD	Options
<b>N</b>								
		4056967	Stingray	16	Red	R	-	Multi Port
		4064919	Stingray	16	Red	R	-	Single Port
		4057051	Stingray	16	Red/Green	R	-	-
		4057058	Stingray	16	Shadow	R	-	Single Port
		4057189	Stingray	31	Red	S	-	-
<b>H</b>								
		4057054	Stingray	16	Red	R	-	-
		4057055	Stingray	16	Red/Green	R	-	-
		4065425	Stingray	31	Red	S	-	-
		4057124	Stingray	31	Red/Green	S	-	-
		4057059	Stingray	31	Shadow	S	-	-
<b>P</b>								
		4065439	Stingray	31	Red	S	-	-
<b>2-3/8API</b>								
		4057057	Stingray	16	Red	OS	4.25	-

## FULL FACE BIT (FF)

Face	Side	Part #	Waterway	Crown Height (mm)	Formula	Gauge	OverSize OD	Options
<b>NQ</b>								
		4057050	Stingray	16	Red	R	-	-
		4057184	Stingray	16	Yellow/Blue	R	-	-
		4056946	Stingray	16	Red/Green	R	-	-
<b>HQ</b>								
		4057197	Stingray	31	Red	S	-	-
		4057099	Stingray	31	Grey	S	-	-
		4056840	Stingray	31	Yellow/Purple	S	-	-
		4056866	Stingray	31	Yellow/Purple	S	-	-
		4056835	Stingray	31	Yellow/Blue	S	-	-
		4056839	Stingray	31	Yellow/Blue	S	-	-
		4057198	Stingray	31	Red/Green	S	-	-
		4056806	Stingray	16	Yellow/Blue	OS	3.895	-
<b>HRQ</b>								
		4056805	Stingray	31	Yellow/Blue	R	-	-

## FULL FACE BIT (FF)

Face	Side	Part #	Waterway	Crown Height (mm)	Formula	Gauge	Oversize OD	Options
<b>PQ</b>								
		4056836	Stingray	31	Red	S	-	-
		4056777	Stingray	31	Yellow/Blue	S	-	-
<b>PHD</b>								
		4057107	Stingray	31	Red	OS	4.95	-