

A photograph showing a row of industrial drill bits standing upright on a concrete floor in a warehouse. The bits are arranged in a perspective line, receding into the background. They have various sizes and designs, including different flute patterns and hexagonal bases. The lighting is bright, highlighting the metallic surfaces. A blue banner with the text 'CRI BITS' is overlaid on the left side of the image.

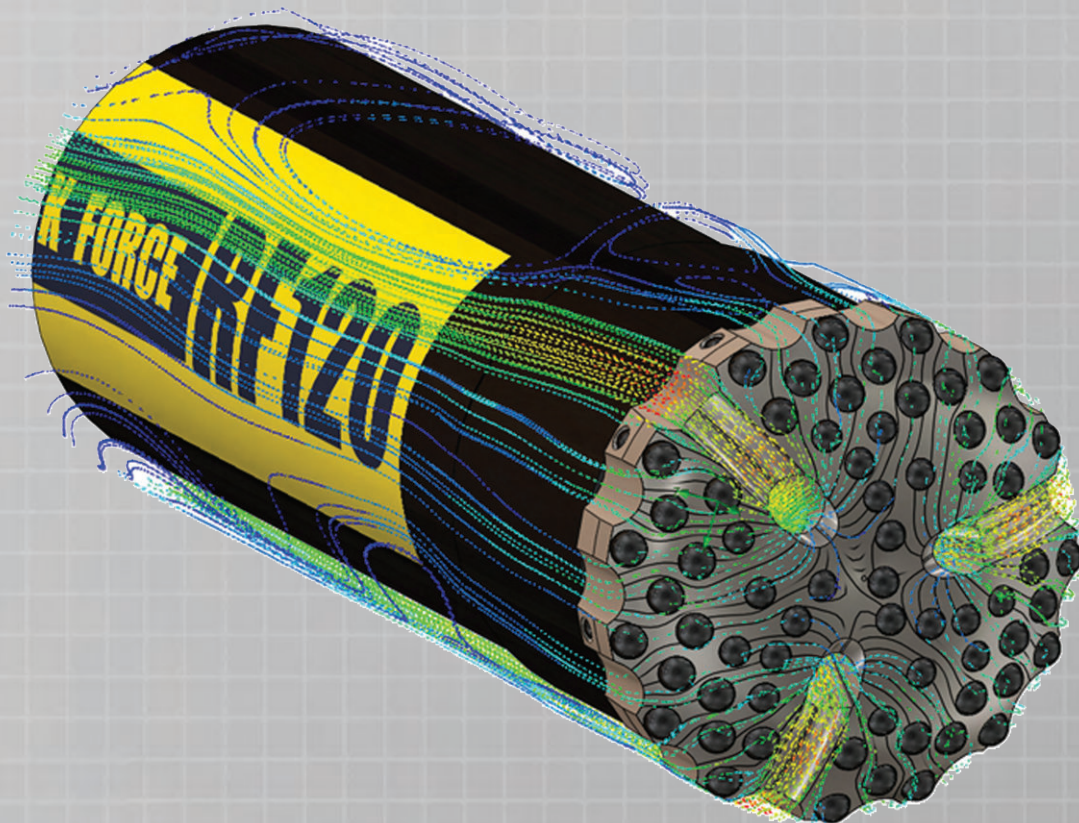
CRI BITS

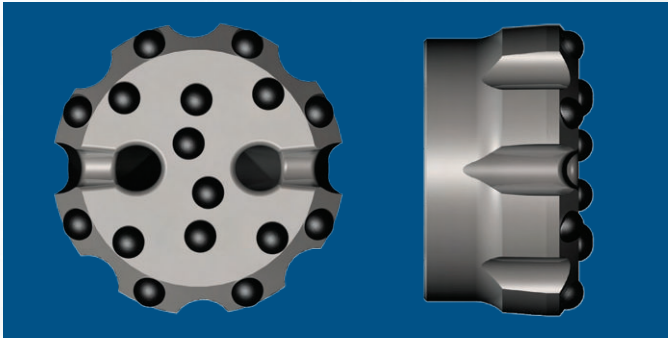
CRI LINE OF BITS

Nothing is more important to drilling success than drill bits that cut straight and fast through all types of rock. That's why we offer our customers the best value in drill bits. Center Rock has a full range of face designs, button configurations, and shank styles in many sizes up to a 48" (1219 mm) head, to match application and rock they are drilling.

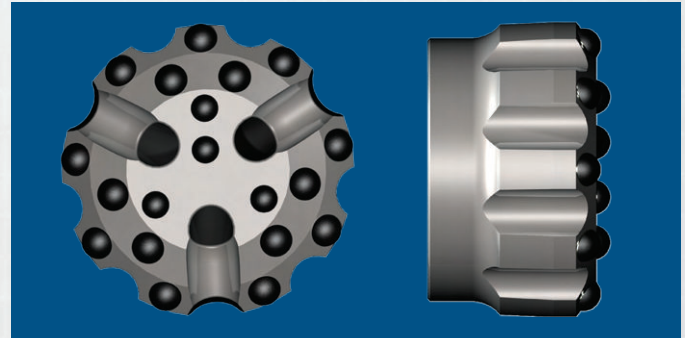
WHY CRI BITS

- Made from premium alloy steel and high quality tungsten carbide.
- Heat treated and shot peened to deliver a durable and reliable balance of strength and toughness.
- Large bit forgings are individually ultrasonically tested and screened for inclusions and flaws.
- Specially designed bits for any application.
- Multiple varieties of head, face, shank and inserts available.
- Advanced flow simulation (CFD) is used to improve chip removal and air flow.
- Designed and manufactured in the USA.

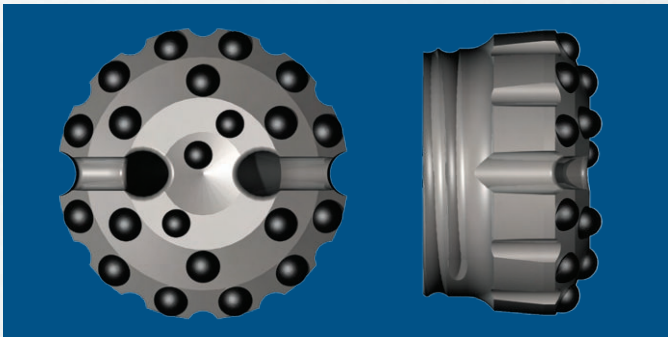




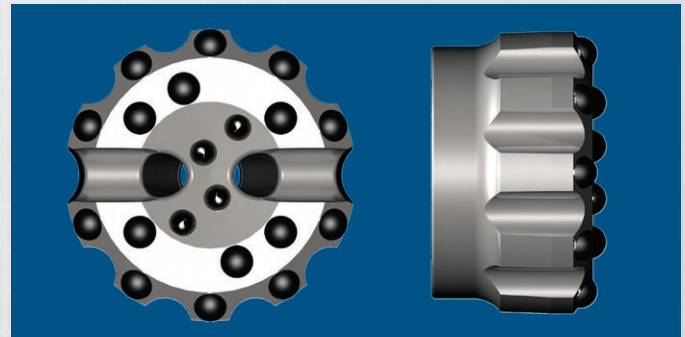
Flat Face (F), design for medium hard to hard formations, good flushing and good penetration rates.



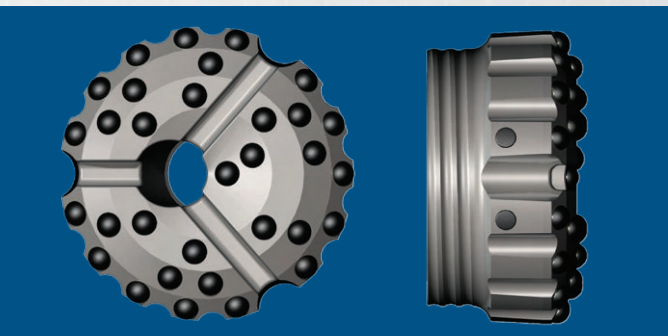
Convex (V), design with double gauge row for medium to hard and abrasive formations, good flushing and good penetration rates.



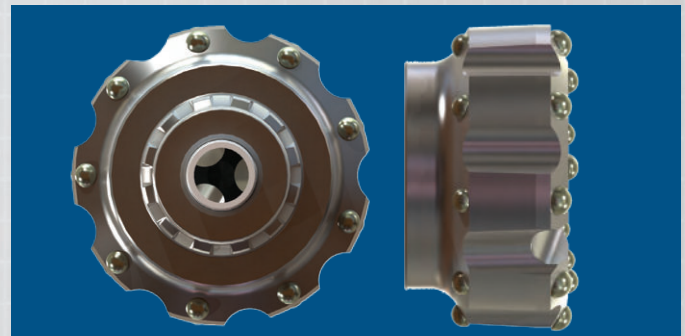
Concave/Convex (X), the best of both worlds with double gauge row and concave center for medium to hard and abrasive formations, straight holes, excellent flushing and excellent penetration rates.



The All-Purpose Concave (C), for soft to medium hard formations, straight holes, excellent flushing and fast penetration rates.



Cyclops, unique single port design maximizes bit strength and minimizes the risk of bit head splitting or chunking caused by operational and manufacturing induced fatigue stress.



Back Reamer, designed for use in unstable rock drilling conditions where operator has to back ream to remove tools from hole. The back reaming inserts protect the bit body from wear and damage when grinding out of hole.

CENTER ROCK BIT OPTIONS

			Face Styles				Head Styles			Flushing Holes			Gauge Carbide Size				
Shank	Min dia	Max dia	F	C	V	X	S	T	R	1	2	3	9/16"	5/8"	3/4"	7/8"	1"
CR40	4.50 in/114 mm	5.50 in/140 mm	0	0	S	0	S	0	N	N	S	N	S	0	N	N	N
QL50	5.13 in/130 mm	6.00 in/152 mm	0	S	0	0	S	0	N	0	S	N	0	S	0	N	N
RX55/RCX55	5.50 in/140 mm	6.00 in/152 mm	0	S	0	0	N/A			0	S	0	0	S	0	N	N
QL60	6.00 in/152 mm	8.50 in/216 mm	0	S	0	S	S	S	S	0	S	0	N	S	0	N	N
360	6.00 in/152 mm	8.50 in/216 mm	0	S	0	S	S	S	S	0	S	0	N	S	0	N	N
RX60	6.25 in/159 mm	6.75 in/172 mm	0	S	0	0	N/A			0	S	0	N	S	0	0	0
380	7.88 in/200 mm	12.00 in/305 mm	0	0	0	S	N	S	S	S	S	0	N	N	S	0	N
QL80	7.88 in/200 mm	12.00 in/305 mm	0	0	0	S	N	S	S	S	S	0	N	N	S	0	N
RX80	7.88 in/200 mm	9.88 in/251 mm	0	0	0	S	N/A			0	S	0	N	N	S	0	N
CR88	8.75 in/222 mm	12.00 in/305 mm	0	0	0	S	N	S	S	S	S	0	N	N	S	0	N
N100/CR100	9.63 in/245 mm	12.25 in/311 mm	0	0	0	S	N	S	S	S	N	0	N	N	S	0	N
SD10	9.63 in/245 mm	12.25 in/311 mm	0	0	0	S	N	S	S	S	N	0	N	N	S	0	N
112	11.00 in/279 mm	17.50 in/445 mm	0	0	0	S	N	S	N	S	N	0	N	N	S	0	N
SD12	11.00 in/279 mm	17.50 in/445 mm	0	0	0	S	N	S	N	S	N	0	N	N	S	0	0
QL120	12.25 in/311 mm	24.00 in/610 mm	0	0	0	S	N	S	S	S	N	0	N	N	0	S	0
QL200	17.50 in/445 mm	26.00 in/660 mm	0	0	0	S	N	S	0	S	N	0	N	N	N	0	S
N180	17.50 in/445 mm	26.00 in/660 mm	0	0	0	S	N	S	N	S	N	0	N	N	0	S	S
QL200S	28.00 in/711 mm	36.00 in/914 mm	0	0	0	S	N	S	0	S	N	0	N	N	N	0	S

Key Code: S - Standard Offering
O - Optional Offering/Custom Order (Not Stocked)
N - Not Offered

Flushing Holes: 1 - Cyclops Single Hole
2 - Two Flushing Holes
3 - Three Flushing Holes

Face Style: F - Flat Face
C - Concave Face
V - Convex Face
X - Concave/Convex Face

Optional Carbide Grades:

- Standard (Balanced Toughness and Wear Resistance)
- Premium Grade Carbide (Increased Toughness and Wear Resistance)
- Extra Tough for Hard Rock
- Semi Ballistic (Parabolic)
- Standard Diamond
- Premium Diamond (Increased Toughness and Wear Resistance)

Head Style: S - Standard Head without Fishing Thread
T - Fishing Thread
R - CRI Retainer System

