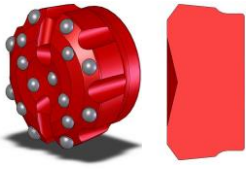
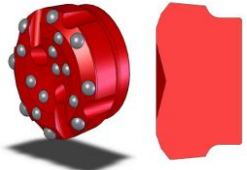
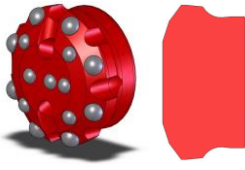
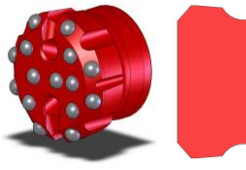




BIT FACE SELECTION






← LESS ABRASIVE ROCK / ROCK CONSOLIDATION MORE →

<p>Concave Face</p>  <p>Concave Face designed for unconsolidated or broken rock. These face features will help drill straighter holes in medium to hard formations.</p>	<p>Concave-Convex</p>  <p>Convex/Concave Face bits are a hybrid design for fast penetration and straighter holes in unconsolidated rock with low silica content. Typical applications are medium to hard formations.</p>	<p>Convex Face</p>  <p>Convex Face bits are designed for fast penetration rates in softer rock like shale and limestone with low silica content.</p>	<p>Flat Face</p>  <p>Flat Face bits are a general purpose bit that will work in all rock conditions but should be used especially for hard or abrasive conditions like granite, basalt, and hard limestone. Flat face bits are the best choice for drilling in a high silica environment.</p>
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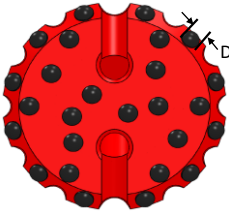
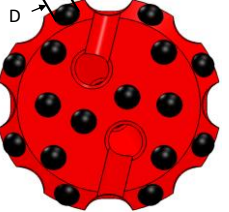
CARBIDE SELECTION

← FASTER PENETRATION RATE SLOWER →

← SHORTER LIFE AND MORE PRONE TO BREAKING CARBIDE LIFE LONGER LIFE AND LESS PRONE TO BREAKING →

 CONICAL	 FULL BALLISTIC	 SEMI BALLISTIC	 CROWN POINT	 HEMISPHERICAL
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← SOFTER ROCK HARDNESS HARDER →

<p>MORE, SMALLER DIAMETER CARBIDE RESULTS IN FASTER PENETRATION RATES, BUT SHORTER CARBIDE AND BIT LIFE.</p> 	<p>PENETRATION RATE VS. CARBIDE/BIT LIFE</p>	<p>FEWER, LARGER DIAMETER CARBIDE RESULTS IN SLOWER PENETRATION RATES, BUT LONGER CARBIDE AND BIT LIFE.</p> 
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← LESS VIBRATION MORE →

BIT AND ROD VIBRATION INCREASES WHEN FEWER AND LARGER CARBIDE BUTTONS ARE SELECTED.



MULTIPOINT

MultiPoint -- the next generation carbide insert. Rockmore's exclusive new carbide insert design provides multiple strike points for more efficient rock fracture and longer insert life. Along with longer insert life, MultiPoint carbides also provide smoother bit rotation and advancement.

