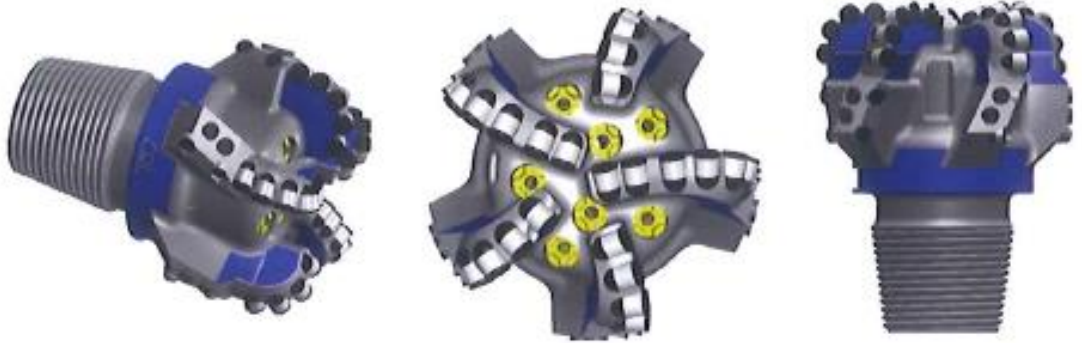


NOMENCLATURE



C	H	S	5	16	U	I	S
CDI Product	Bit Series	Body Material Steel Or Matrix	Blade Count	Cutter Size	Feature 1	Feature 2	Feature 3

Features	
D	Double Row
E	Extended Gauge
I	Increased Nozzle Count
L	Dome Limiters
P	Ports
R	Reduced Nozzle count
S	Shankless
T	Triple Row
U	Up Drill Cutters
F	Full Sleeve



PRODUCT SERIES

VERTICAL SERIES "V"

- Aggressive Cutting Structure designed for high penetration rates
- Optimized for Vertical Drilling
- Cutting Structure technology designed for smooth torque and optimized stability



DIRECTIONAL SERIES "D"

- Engineered for directional wells (Point or Push the Bit Systems)
- Designed for maximum steer ability and optimized directional behavior
- Multiple design configurations available



HORIZONTAL SERIES "H"

- Engineered for "Horizontal Applications"
- Optimized nozzle position and orientation utilizing CFD for Optimal Cleaning
- Cutting Structure designed for ROP and maintaining horizontal well trajectory



XCEED SERIES "X"

- Engineered to maintain drill bit durability and optimizing ROP in hard rock applications.
- Higher diamond density cutting structure designed to add durability
- Xceed Series combines cutting structure technology and high performance PDC cutters to mitigate drill bit wear.

