



Standard Bits

*Matrix and Steel Body PDC Designs
For All Formation Types*



OTS has decades of experience manufacturing PDC bits for a wide range of formation ages and rock types. These designs include light-set fishtail bits designed for maximum ROP to heavy-set designs with maximum diamond density for highly abrasive applications. We utilize premium PDC cutters from major manufacturers, and tailor cutter selection for each bit to lithology and rock failure mode.



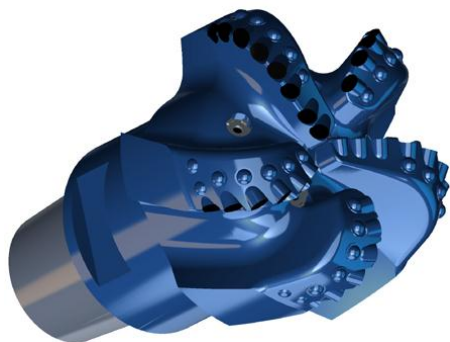
Body Options – both matrix and steel body materials are produced, depending on requirements for each application. Premium high-density spherical and crystalline carbides are used in hardfacing of steel PDC bits, and applied to the bit based on fluid dynamics mechanisms.

Large Diameter Bits – OTS manufactures matrix products up to 17-1/2" diameter, with steel products up to 24" in diameter and composed of high grade 4140 material.

PDC Cutters – by utilizing industry leading suppliers, OTS has many cutter options available for our products. Grades of cutters and

geometries for soft to medium rock, laminated formations, abrasive sandstones and many other rock types are utilized in our bits, according to application requirements.

Gage Options – all OTS bits employ combinations of tungsten carbide and PDC gage materials. Our bits can be delivered with any gage, from less than 1" up to typical RSS lengths. Options include passive, tapered, stepped, active and gageless.



NEXT GENERATION INNOVATION



**Premium
PDC Bits**