



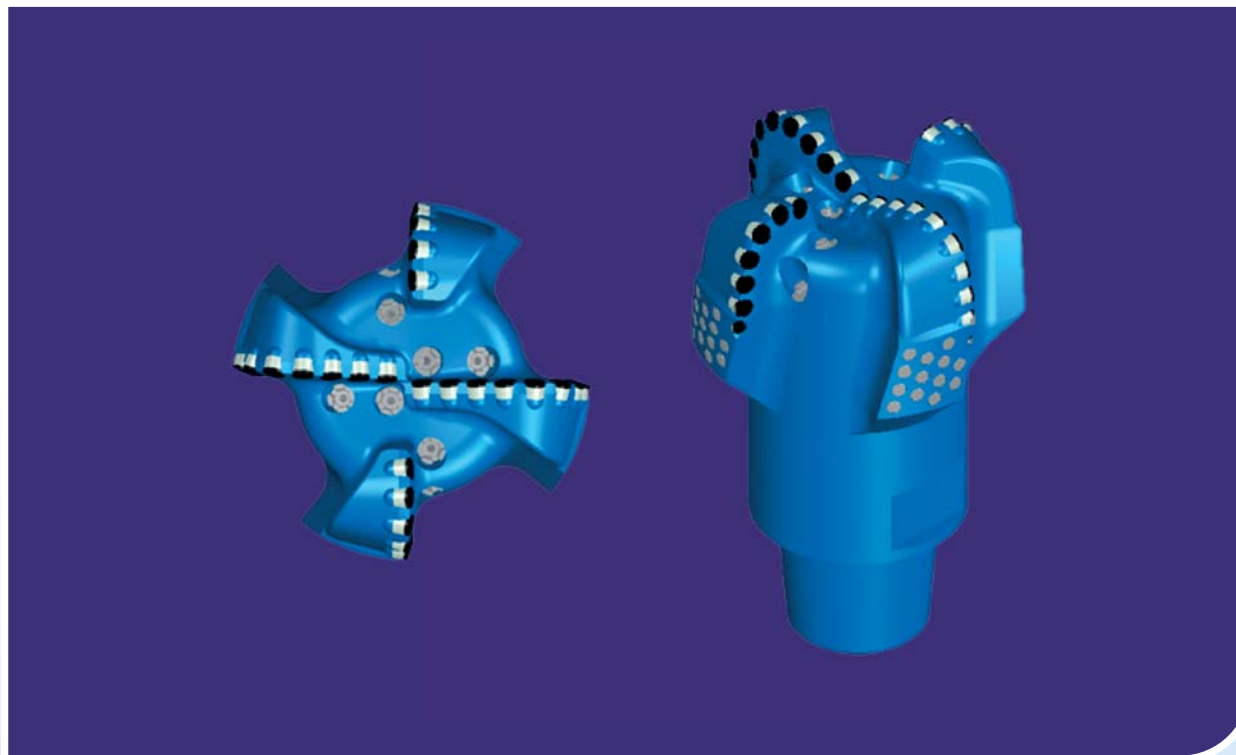
PDC BITS

16" KDC648S

DESIGN FEATURES:

- 3D designed 4140 alloy steel body CNC machined for maximum blade and body strength.
- Tungsten Carbide hardfacing in critical areas for increased erosion and abrasion resistance.
- TCI enhanced gage pads for increased protection.
- Optimized parabolic profile for blade count, cutter quantity and bit stability.
- Force-Balanced PDC cutter locations minimize bit whirl and drill a precise round hole.
- Asymmetric blade design reduces drilling harmonics.

Body TypeTwo-piece 4140 Alloy Steel
Gage Length2.50 in.
Overall LengthTBD
Shipping WeightTBD
Pin Connection7-5/8" API Regular
Fishneck Diameter8.00 in.
Fishneck Length6.49 in.
Make-Up Length14.64 in.
Make-Up Torque38,000 to 41,800 ft/lbs
Face Cutters36 @ 19mm PDC
Back-Up Cuttersn/a
Gage Cutters4 @ 13mm PDC
Nozzle Type8 @ LOP Nozzle
TFA (min – max)0.61 in² to 2.45 in²
Weight on Bit (WOB)5,000 to 30,000 lbs.
Rotary Speed (RPM)60 to 250 RPM



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Member of the FSU investment group

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