



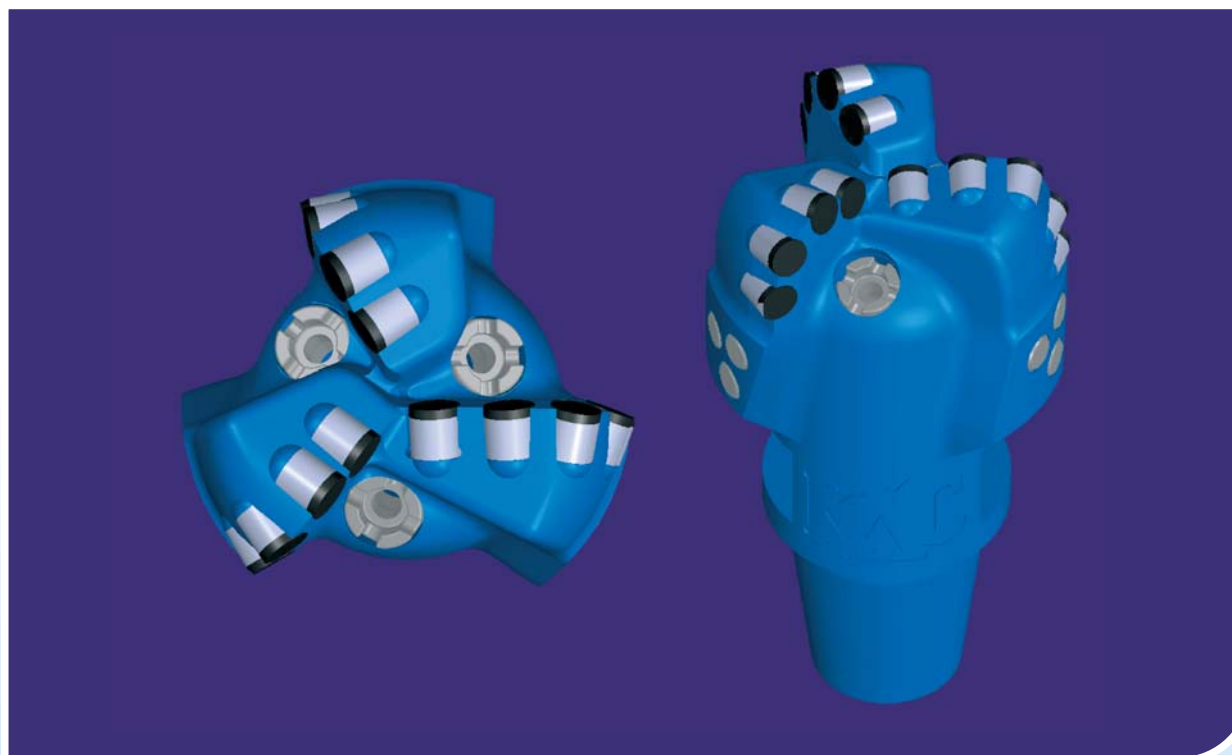
PDC BITS

114mm KDC313S

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 TypeOne-piece 4140 Alloy Steel
Gage Length1.56 in.
Overall Length9.04 in.
Shipping WeightTBD
Pin Connection2-3/8" API Regular
Fishneck Diameter3.15 in.
Fishneck Length2.04 in.
Make-Up Length6.09 in.
Make-Up Torque2,400 to 2,700 ft/lbs
Face Cutters13 @ 13mm PDC
Nozzle Type3 @ MOP Nozzle
TFA (min – max)0.23 in² to 0.59 in²
Weight on Bit (WOB)2,000 to 10,000 lbs.
Rotary Speed (RPM)60 to 150 RPM



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Member of the FSU investment group

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