



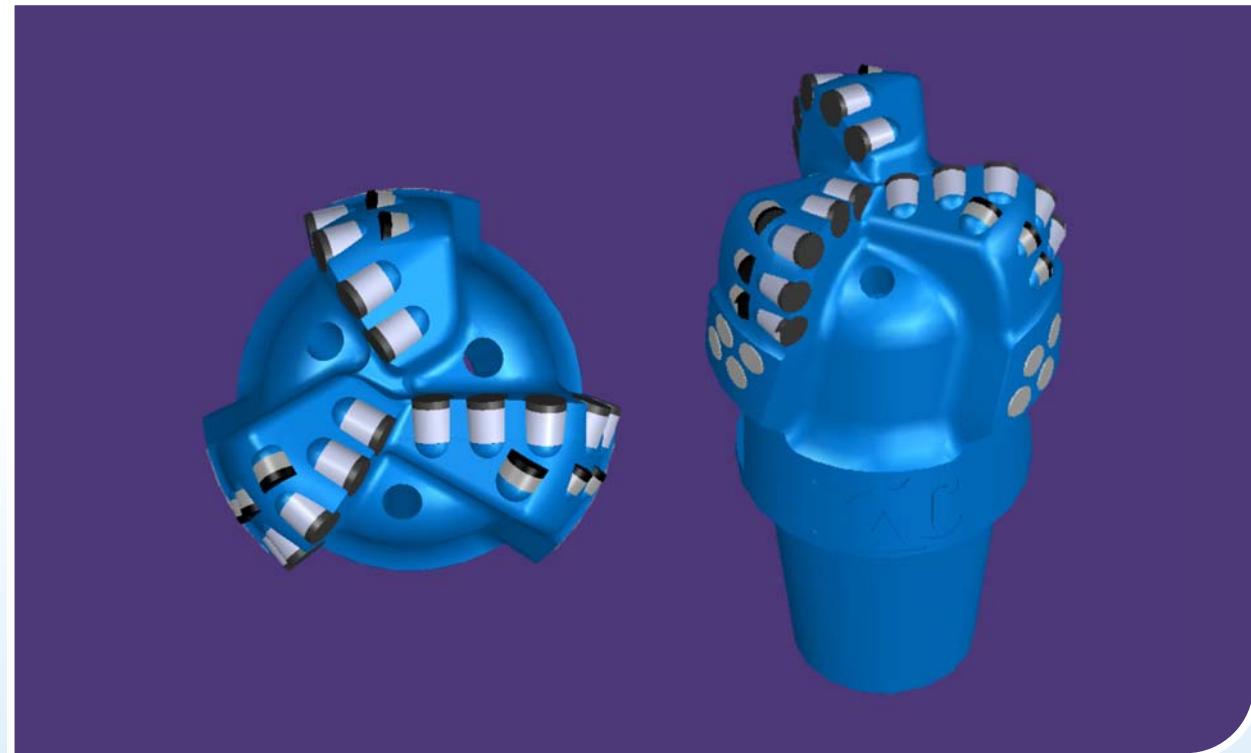
## PDC BITS

### 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 Type .....One-piece 4140 Alloy Steel  
Gage Length .....1.56 in.  
Overall Length .....9.75 in.  
Shipping Weight .....TBD  
Pin Connection .....3-1/2" API Regular  
Fishneck Diameter .....4.25 in.  
Fishneck Length .....2.00 in.  
Make-Up Length .....6.06 in.  
Make-Up Torque .....7,700 to 8,600 ft/lbs  
Face Cutters .....15 @ 13mm PDC  
Back-Up Face Cutters .....9 @ 13mm PDC  
Nozzle Type .....3 @ 1/2" Ports  
TFA (min – max) .....0.59 in<sup>2</sup>  
Weight on Bit (WOB) .....2,000 to 10,000 lbs.  
Rotary Speed (RPM) .....60 to 250 RPM

# 132mm KDC313SX



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Member of the FSU investment group

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