



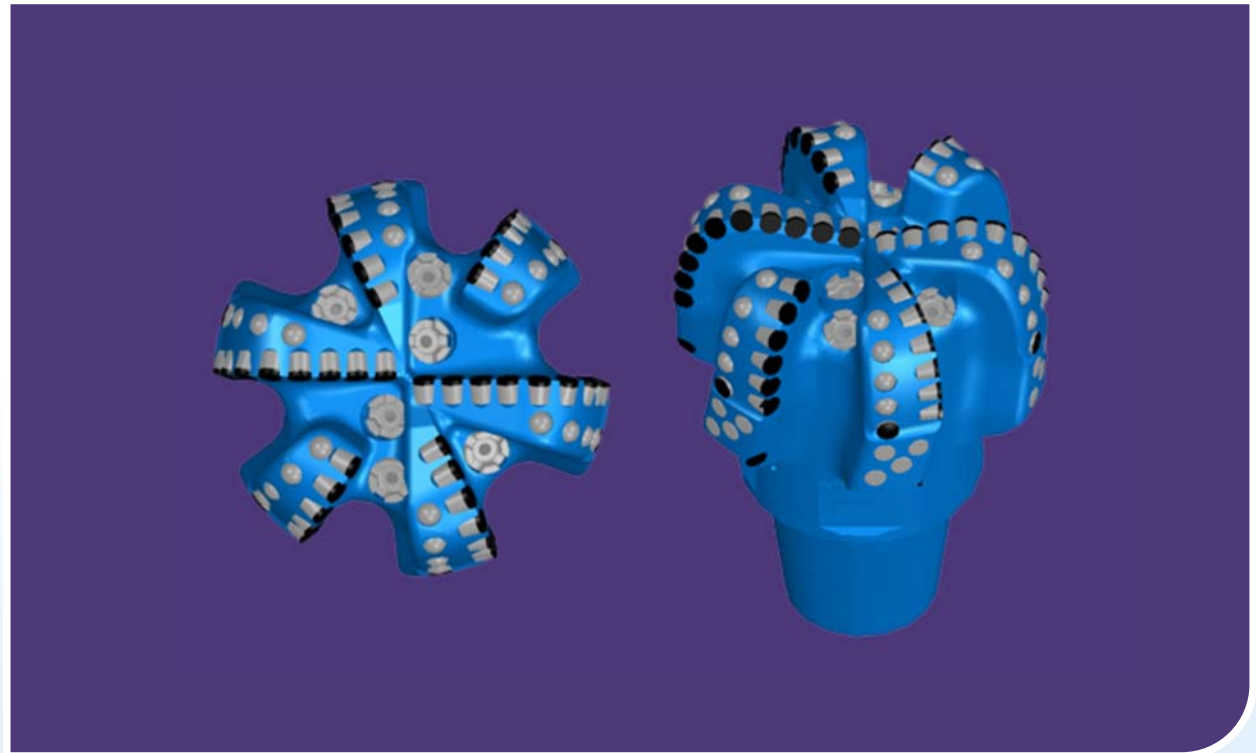
PDC BITS

8 3/4" KDC466SU

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 Length1.48 in.
 Overall Length12.29 in.
 Shipping WeightTBD
 Pin Connection4-1/2" API Regular
 Fishneck Diameter5.75 in.
 Fishneck Length2.21 in.
 Make-Up Length8.10 in.
 Make-Up Torque16,500 to 18,100 ft/lbs
 Face Cutters45 @ 13mm PDC
 Back-Up Cutters24 @ 13mm Dome TCI
 Back-Up Cutters6 @ 13mm Dome PDC
 Up-Drill Cutters6 @ 13mm PDC
 Nozzle Type6 @ LOP Nozzle
 TFA (min – max)0.46 in² to 1.84 in²
 Weight on Bit (WOB)4,000 to 25,000 lbs.
 Rotary Speed (RPM)60 to 250 RPM



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Member of the FSU investment group

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