



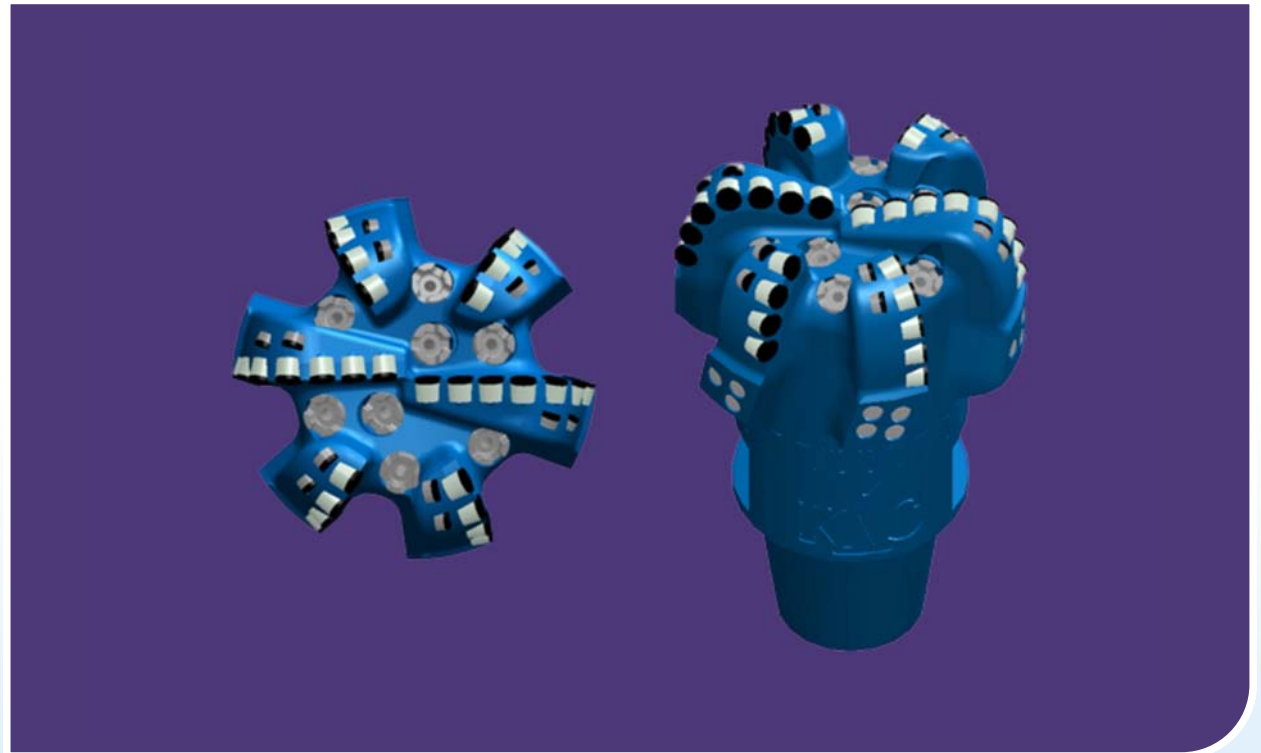
PDC BITS

8 1/2" KDC568SX

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 Length1.50 in.
 Overall Length14.28 in.
 Shipping WeightTBD
 Pin Connection4-1/2" API Regular
 Fishneck Diameter5.75 in.
 Fishneck Length4.42 in.
 Make-Up Length10.01 in.
 Make-Up Torque16,500 to 18,100 ft/lbs
 Face Cutters34 @ 16mm PDC
 Back-Up Cutters12 @ 13mm PDC
 Back-Up Cutters6 @ 13mm Dome PDC
 Nozzle Type8 @ LOP Nozzle
 TFA (min – max)0.61 in² to 2.45 in²
 Weight on Bit (WOB)4,000 to 25,000 lbs.
 Rotary Speed (RPM)60 to 250 RPM



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