



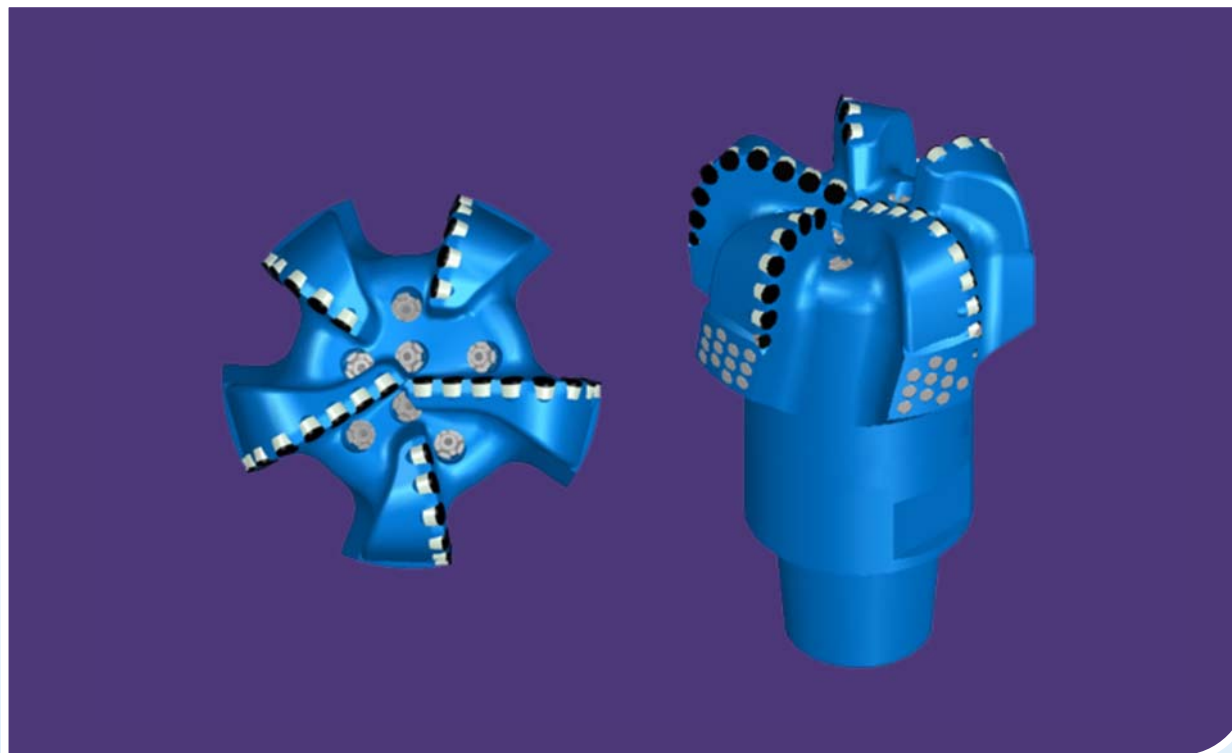
PDC BITS

12 1/4" KDC657S

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 Length19.58 in.
 Shipping WeightTBD
 Pin Connection6-5/8" 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 Cutters35 @ 19mm PDC
 Back-Up Cuttersn/a
 Gage Cutters5 @ 13mm PDC
 Nozzle Type7 @ LOP Nozzle
 TFA (min – max)0.54 in² to 2.15 in²
 Weight on Bit (WOB)5,000 to 25,000 lbs.
 Rotary Speed (RPM)60 to 250 RPM



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