



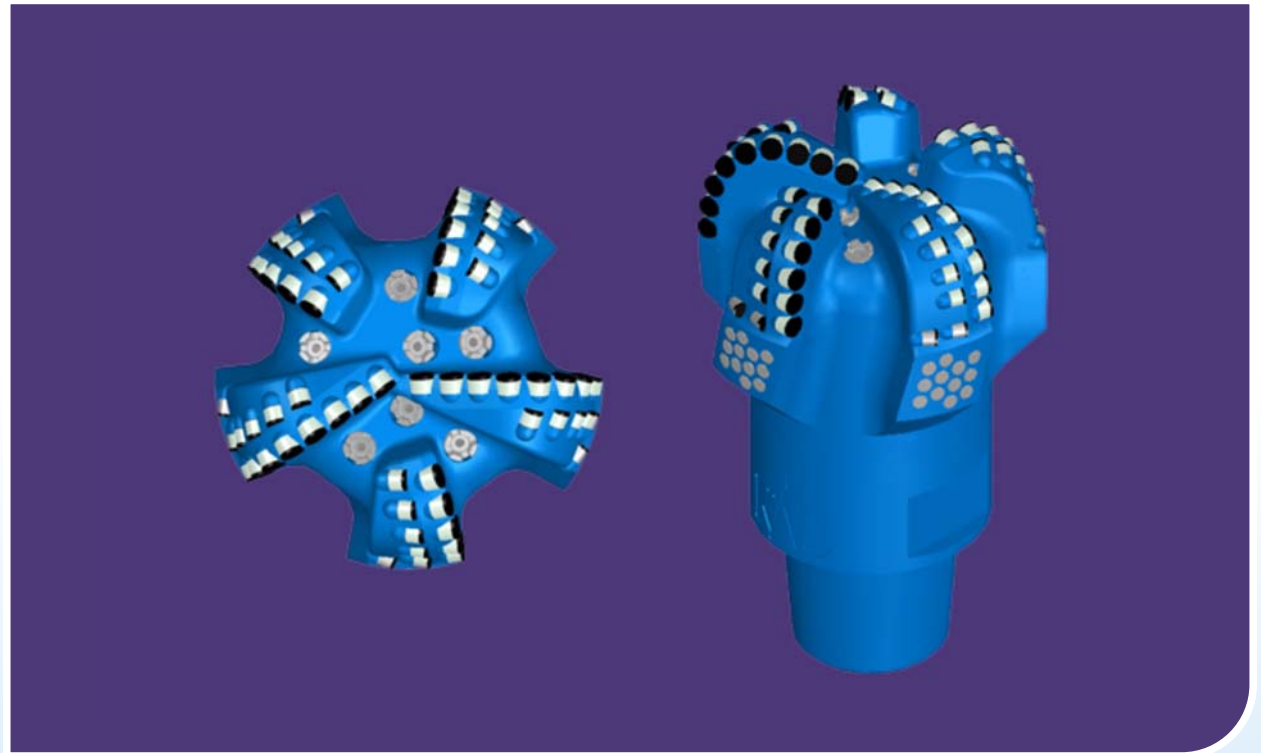
# PDC BITS

# 11 5/8" KDC657SX

## 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 .....Two-piece 4140 Alloy Steel  
 Gage Length .....2.50 in.  
 Overall Length .....19.15 in.  
 Shipping Weight .....TBD  
 Pin Connection .....6-5/8" API Regular  
 Fishneck Diameter .....8.00 in.  
 Fishneck Length .....5.52 in.  
 Make-Up Length .....14.21 in.  
 Make-Up Torque .....38,000 to 41,800 ft/lbs  
 Face Cutters .....36 @ 19mm PDC  
 Back-Up Cutters .....23 @ 16mm PDC  
 Gage Cutters .....10 @ 13mm PDC  
 Nozzle Type .....7 @ LOP Nozzle  
 TFA (min – max) .....0.54 in<sup>2</sup> to 2.15 in<sup>2</sup>  
 Weight on Bit (WOB) .....5,000 to 25,000 lbs.  
 Rotary Speed (RPM) .....60 to 250 RPM



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OFFICE IN THE NETHERLANDS	OFFICE IN KAZAKHSTAN:
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Laan 1933 # 37, 6711 NX EDE	Office 304, Kurmangazy St. 48a
Phone: +31 (318) 504499	Almaty, Kazakhstan
Fax: +31 (318) 614752	Tel./fax: +7 (727) 261 38 58
	E-mail: <a href="mailto:bits@kazduco.com">bits@kazduco.com</a>