



PDC BITS

8 1/2" KDC557MX

DESIGN FEATURES:

- Cast Infiltrated Tungsten Carbide matrix shell for maximum erosion and abrasion resistance.
- 3D designed and CNC machined internal steel blank for maximum blade and body strength.
- TSP Diamond enhanced gage pads for maximum 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	Matrix Body
Gage Length	1.25 in.
Overall Length	15.50 in.
Shipping Weight	TBD
Pin Connection	4-1/2" API Regular
Fishneck Diameter	5.75 in.
Fishneck Length	4.92 in.
Make-Up Length	11.25 in.
Make-Up Torque	16,500 to 18,100 ft/lbs
Face Cutters	29 @ 16mm PDC
Back-Up Cutters	10 @ 13mm PDC
Gage Cutters	5 @ 13mm PDC
Nozzle Type	7 @ LOP Nozzle
TFA (min – max)	0.54 in ² to 2.15 in ²
Weight on Bit (WOB)	4,000 to 20,000 lbs.
Rotary Speed (RPM)	60 to 250 RPM



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