



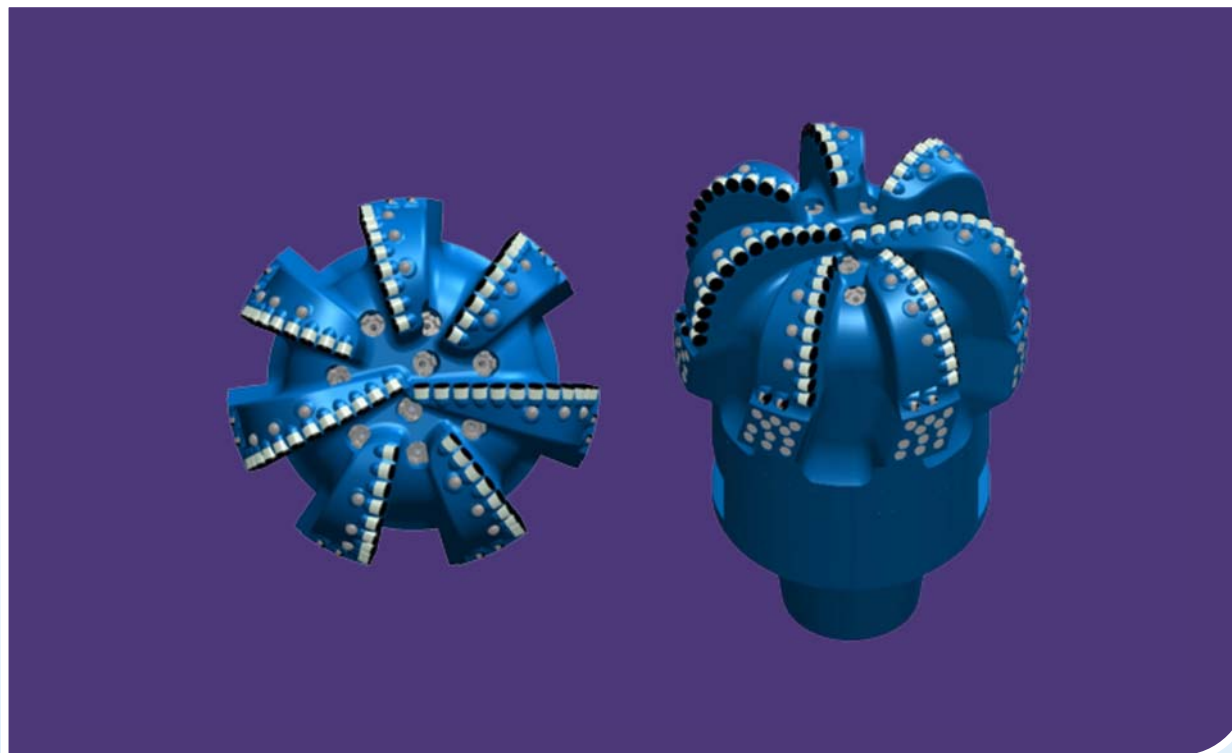
PDC BITS

8 1/2" KDC577M

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.

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|---------------------------|--|
| Body Type | Matrix Body |
| Gage Length | 1.25 in. |
| Overall Length | 14.51 in. |
| Shipping Weight | TBD |
| Pin Connection | 4-1/2" API Regular |
| Fishneck Diameter | 5.75 in. |
| Fishneck Length | 4.34 in. |
| Make-Up Length | 10.32 in. |
| Make-Up Torque | 16,500 to 18,100 ft/lbs |
| Face Cutters | 35 @ 16mm PDC |
| Gage Cutters | 7 @ 19mm 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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