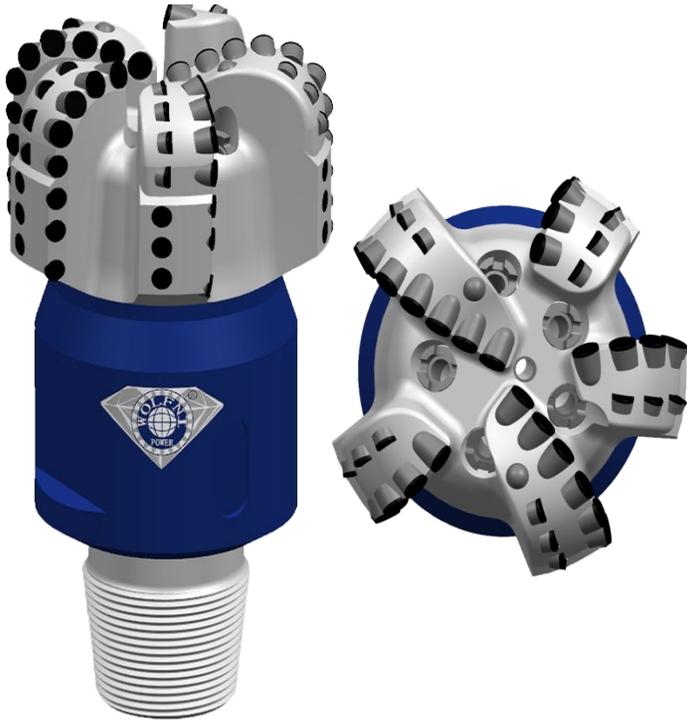




Specs:8 1/2" WS516DRV(215.9mm)

IADC:S424

ID:WFN216S16521A



Design character:

- Dual-row cutters. The back row cutters help to cut rocks, to protect matrix, to prolong lifetime and to deduct cost of PDC bit.
- These back redressings at the base of gauge avoid difficult of pulling PDC bits out of hole in unconsolidated formation, and trim wall of well.
- Placement of stability cutters let PDC bits have good stability in drilling in abrasive formation, have longer life time. Then cost of drilling will be lower accordingly.
- Suit for well drilling in low compressive strength, even texture medium rock formation. Such as wake shale, density marlstone, strong batt, wake sandstone, limestone, and soft gravel, etc.

Special for oil/gas well design ,using in deviated well & horizontal well,show us excellent drilling speed and

Specifications:

Blade Qty	5
Total Cutters	71
Primary Cutter Size	16mm
Assistant Cutter Size	13.44mm
Gauge Cutter Size	13.44mm
anti-quake ball size	Non
Nozzle Qty.	6
Crown length	160.7mm
Gauge length	73.6mm
Connction Size	4 1/2REG
Make-up Torque	16.3—21.7kN·m
Assembly groove wID:th	145mm
Bit Weight	49.4kg

Operating Parameters:

Rotary speed	60-260RPM
Flow rate	28-40L/S
Weigh on bit	20-100KN