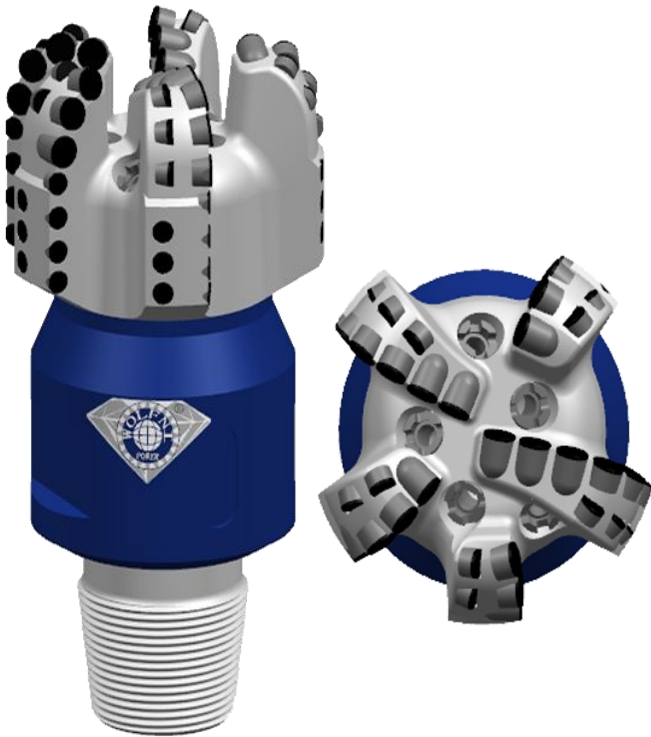




Specs: 8 1/8" WS519D(206.4mm)

IADC:S323

ID:WFN206S19501A



Design character:

■ Medium parabolic profiles PDC bit bounce lateral smally, make wall of well smoothly. This design suit for motor / rotary drilling, for high abrasive formation.

■ Adopting CFD emulational technology to calculate to optimize PDC bit, then reduce possibility of heavy breaking and wearing of bit.

■ Dual-row cutters.The back row cutters help to cut rocks, to protect matrix, to prolong lifetime and to deduct cost of PDC bit.

■ Suit for well drilling in low compressive strength, even texture soft-medium rock formation. Such as wake shale, density marlstone, strong batt, wake sandstone, limestone, and soft gravel, etc.

Specialized in genereal for oil & gas well, Excellent drilling speed &long life-span using

Specifications:

Blade Qty	5
Total Cutters	53
Primary Cutter Size	19.05mm
Assistant Cutter Size	16mm
Gauge Cutter Size	13.44mm
anti-quake ball size	Non
Nozzle Qty.	5
Crown length	139mm
Gauge length	59.5mm
Connetion Size	4 1/2REG
Make-up Torque	16.3—21.7kN·m
Assembly groove wID:th	145mm
Bit Weight	44.4kg

Operating Parameters:

Rotary speed	60-280RPM
Flow rate	28-40L/S
Bit Weight on bit	20-100KN