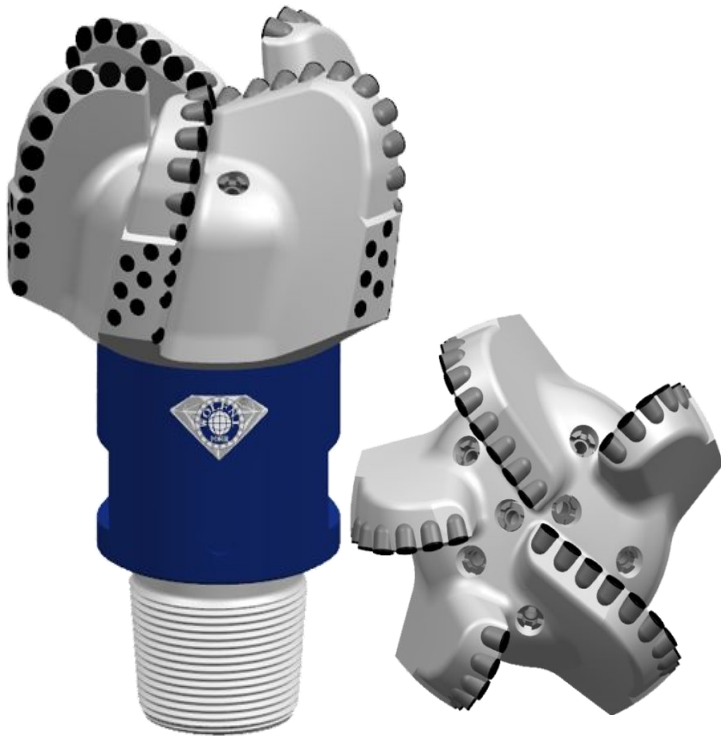




Specs:13 5/8" WS519GSR(346.1mm)

IADC:S323

ID:WFN346S19501B



Design character:

■ 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.

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

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

■ 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 for soft /medium formation oil/gas well,show us excellent drilling speed &life-span of using .

Specifications:

Blade Qty	5
Total Cutters	60
Primary Cutter Size	19.05mm
Assistant Cutter Size	Non
Gauge Cutter Size	13.44mm
anti-quake ball size	Non
Nozzle Qty.	7
Crown length	214mm
Gauge length	79mm
Connetion Size	6 5/8REG
Make-up Torque	38—43.4kN·m
Assembly groove wID:th	180mm
Bit Weight	114.8kg

Operating Parameters:

Rotary speed	60-220RPM
Flow rate	55-70L/S
Weigh on bit	40-140KN