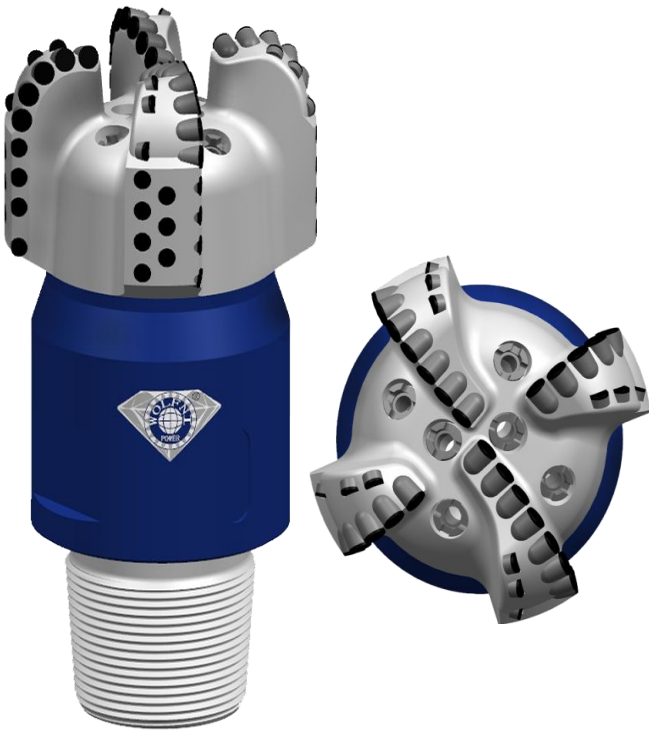




Specs:9 1/2" WS416DR(241.3mm)

IADC:S323

ID:WFN241S16419B



Design character:

- Straight blade and short gauge: When pumping pressure is low abrasive drilling mud can be discharged quickly to avoid bit balling and losing efficacy 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.
- 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.
- 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 oil/gas well designed, excellent drilling Rop & stability.

Specifications:

Blade Qty	4
Total Cutters	55
Primary Cutter Size	16mm
Assistant Cutter Size	13.44mm
Gauge Cutter Size	13.44mm
anti-quake ball size	Non
Nozzle Qty.	6
Crown length	153mm
Gauge length	83mm
Connection Size	6 5/8 REG
Make-up Torque	49.56—51.43kN.m
Assembly groove width	170mm
Bit Weight	73kg

Operating Parameters:

Rotary speed	60-240 RPM
Flow rate	40-50 L/S
Weight on bit	20-100 KN