



Specs:9 1/2" WS516DGS(241.3mm)

IADC:S423

ID:WFN241S16509A



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.
- Spiral blades increase contact area between PDC bit and well wall to keep drilling stably, to prolong lifespan of PDC bits.
- 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.

Specialized for oil/gas well designed, excellent drilling Rop & stability.

Specifications:

Blade Qty	5
Total Cutters	67
Primary Cutter Size	15.88mm
Assistant Cutter Size	13.44mm
Gauge Cutter Size	13.44mm
anti-quake ball size	Non
Nozzle Qty.	6
Crown length	164mm
Gauge length	85mm
Connetion Size	6 5/8REG
Make-up Torque	38—43.4kN.m
Assembly groove width	170mm
Bit Weight	75kg

Operating Parameters:

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