



Specs:12 1/4" WS616GSDR(311.15mm)

IADC:S423

ID:WFN311S16602B



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 medium /hard formation oil /gas well and have a strong formation adaptability.

Specifications:

Blade Qty	6
Total Cutters	91
Primary Cutter Size	15.88mm
Assistant Cutter Size	13.44mm
Gauge Cutter Size	13.44mm
anti-quake ball size	Non
Nozzle Qty.	8
Crown length	192.9mm
Gauge length	76.4mm
Connetion Size	6 5/8REG
Make-up Torque	38—43.4kN·m
Assembly groove wID:th	180mm
Bit Weight	106.2kg

Operating Parameters:

Rotary speed	60-240RPM
Flow rate	50-60L/S
Weigh on bit	30-120KN