



Specs: 8 3/8" WS616DR(212.7mm)

IADC:S424

ID:WFN213S16606B



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.
- Dual-row cutters. The back row cutters help to cut rocks, to protect matrix, to prolong lifetime and to deduct cost of PDC bit.
- Flat profiles PDC bit have good direction ability, suit for hard and non-abrasive formation.
- 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 in general for oil & gas well, Excellent drilling speed & long life-span using

Specifications:

Blade Qty	6
Total Cutters	60
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	182mm
Gauge length	105.3mm
Connetion Size	4 1/2REG
Make-up Torque	16.3—21.7kN·m
Assembly groove width	145mm
Bit Weight	55kg

Operating Parameters:

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