



Specs:8 1/2" WS616DR(215.9mm)

IADC:S322

ID:WFN216S16419A



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.

■ the hydrofoil shape of the gauge channels hydraulic fluid and cutting to the annulus. This streamlined flow deters bailing initiation caused by vortices and eddies.

■ 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.

Special for oil/gas well design ,using in deviated well & horizontal well,show us excellent drilling speed and

Specifications:

Blade Qty	4
Total Cutters	40
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	146.5mm
Gauge length	68mm
Connexion Size	4 1/2REG
Make-up Torque	16.3—21.7kN·m
Assembly groove wID:th	145mm
Bit Weight	45.7kg

Operating Parameters:

Rotary speed	60-260RPM
Flow rate	28-40L/S
Weigh on bit	20-100KN