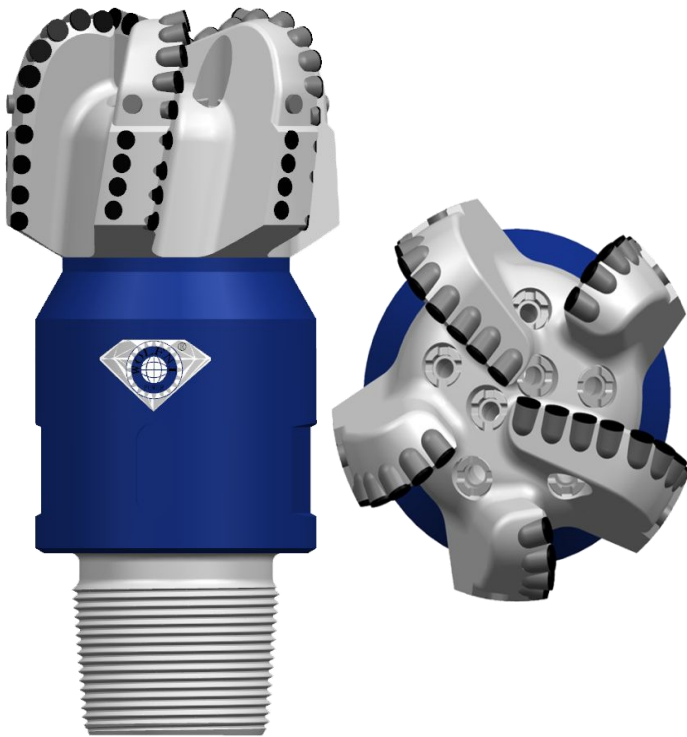




**Specs:9 1/2" WS516VS(241.3mm)**

**IADC:S323**

**ID:WFN241S16503A**



### Design character:

- Placement of stability cutters let PDC bits have good stability in drilling in abrasive formation, have longer life time. Then cost of drilling will be lower accordingly.
- Medium parabolic profiles PDC bit bounce lateral smally, make wall of well smoothly. This design suit for motor / rotary drilling, for high abrasive formation.
- These back redressings at the base of gauge avoid difficult of pulling PDC bits our 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 &stabilty.

### Specifications:

Blade Qty	5
Total Cutters	52
Primary Cutter Size	15.88mm
Assistant Cutter Size	Non
Gauge Cutter Size	13.44mm
anti-quake ball size	13.44mm
Nozzle Qty.	7
Crown length	166.7mm
Gauge length	66mm
Connetion Size	6 5/8REG
Make-up Torque	38—43.4kN.m
Assembly groove wID:th	180mm
Bit Weight	81.2kg

### Operating Parameters:

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