



## 15" (381mm) WLS80S



The V80S Pilot Hole bit features durable conical inserts on the on heel and inner rows. This design provides fast drilling rates and added cutting structure durability in hard formations. The fully floating journal bearing design maximizes bit life.

### CUTTING STRUCTURE DATA

IADC Code: 8 3 7  
Gauge Protection: 126 Flat Inserts  
Gauge Rows: 63 Conical Inserts  
Inner Rows: 148 Conical Inserts

### BEARING DATA

Type: Seal Journal Bearing

### FEATURES

Circulation: Mud Circulation with Three Jet Nozzles and a centre jet of optional size  
Leg Protection: Combination of Wear Resistant Hardfacing and Inserts  
Relief Valve: Pressure Relief Valve protects from high internal pressure

### TECHNICAL DATA

Pin Connection: 7-5/8" API Regular  
Make-Up Torque: 28,000 to 32,000 ft-lbs.  
Weight on Bit: 50,000 to 90,000 lbs.  
Rotary Speed: 40 to 70 RPM  
Bit Weight: 160 kg