



## 10-5/8" (270mm) WLS70



The WLS70 features conical inserts. This design provides a fast drilling rate and added cutting structure durability in medium hard to hard formations. The "Roller-Ball-Roller" bearing with improved airflow characteristics maximizes bit life.

### CUTTING STRUCTURE DATA

IADC Code: 7 2 2  
Gauge Protection: 57 Dome Inserts  
Gauge Rows: 57 Conical Inserts  
Inner Rows: 106 Conical Inserts

### BEARING DATA

Type: Open Roller-Ball-Roller

### FEATURES

Circulation: Direct Air Circulation with Three Jet Nozzles of Optional Size  
Leg Protection: Combination of Wear Resistant Hardfacing and Extra Inserts along the entire length of the shirrtail edge

### TECHNICAL DATA

Pin Connection: 6-5/8" API Regular  
Make-Up Torque: 28,000 to 32,000 ft-lbs.  
Weight on Bit: 44,000 to 77,000 lbs.  
Rotary Speed: 50 to 90 RPM  
Bit Weight: 76 kg