



13-3/4" (349mm) WLS70



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

CUTTING STRUCTURE DATA

IADC Code: 7 4 2
Gauge Protection: 61 Dome Inserts
Gauge Rows: 61 Conical Inserts
Inner Rows: 139 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: 55,000 to 103,500 lbs.
Rotary Speed: 50 to 90 RPM
Bit Weight: 134 kg

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