



12-1/4" (311mm) WLS75



The WLS75 features durable conical inserts and two rows of gage protection inserts. With added cutting structure durability this design responds well to high pull down loads in formations ranging from hard to very hard. The "Roller-Ball-Roller" bearing with improved airflow characteristics maximizes bit life.

CUTTING STRUCTURE DATA

IADC Code: 7 4 2
Gauge Protection: 118 Dome Inserts
Gauge Rows: 59 Conical Inserts
Inner Rows: 137 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: 70,000 to 100,000 lbs.
Rotary Speed: 50 to 90 RPM
Bit Weight: 100 kg