



11" (279mm) WLS80S



The WLS80S features durable dome 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 "Sealed Journal" bearing with improved airflow characteristics maximizes bit life.

CUTTING STRUCTURE DATA

IADC Code: 8 3 7
Gauge Protection: 57 Flat Inserts
Gauge Rows: 52 Dome Inserts
Inner Rows: 117 Conical Inserts

BEARING DATA

Type: Seal Journal Bearing

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 80 RPM
Bit Weight: 80 kg