



Product Data Sheet

17-1/2" S6818X



Design Features:

- **3D designed 4140 alloy steel body CNC machined for maximum blade and body strength.**
- **Tungsten Carbide hardfacing in critical areas for increased erosion and abrasion resistance.**
- **TCI enhanced gage pads for increased protection.**
- **Optimized parabolic profile for blade count, cutter quantity and bit stability.**
- **Force-Balanced PDC cutter locations minimize bit whirl and drill a precise round hole.**
- **Asymmetric blade design reduces drilling harmonics.**

General Data

Part Number	2008636
Body Type	Two-piece 4140 Alloy Steel
Gage Length	3.00 in.
Overall Length	22.89 in.
Shipping Weight	TBD

Connection

Pin Connection	7-5/8" API Regular
Fishneck Diameter	11.50 in.
Fishneck Length	8.02 in.
Make-Up Length	17.70 in.
Make-Up Torque	60,000 to 66,000 ft/lbs

Cutting Structure

Face Cutters	81 @ 19mm PDC
Back-Up Cutters	40 @ 16mm PDC
Gage Cutters	8 @ 13mm PDC

Hydraulics

Nozzle Type	18 @ LOP Nozzle
TFA (min - max)	1.38 in ² to 5.52 in ²

Recommended Operating Parameters

Weight on Bit (WOB)	5,000 to 30,000 lbs.
Rotary Speed (RPM)	60 to 150 RPM