



Product Data Sheet

8-3/4" M568X



Design Features:

- Cast Infiltrated Tungsten Carbide matrix shell for maximum erosion and abrasion resistance.
- 3D designed and CNC machined internal steel blank for maximum blade and body strength.
- TSP Diamond enhanced gage pads for maximum 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	2010959
Body Type	Matrix Body
Gage Length	1.25 in.
Overall Length	15.14 in.
Shipping Weight	TBD

Connection

Pin Connection	4-1/2" API Regular
Fishneck Diameter	5.75 in.
Fishneck Length	4.95 in.
Make-Up Length	10.95 in.
Make-Up Torque	16,500 to 18,100 ft/lbs

Cutting Structure

Face Cutters	28 @ 16mm PDC
Back-Up Cutters	12 @ 13mm PDC
Back-Up Cutters	6 @ 13mm Dome PDC
Gage Cutters	6 @ 16mm PDC

Hydraulics

Nozzle Type	8 @ LOP Nozzle
TFA (min - max)	0.61 in ² to 2.45 in ²

Recommended Operating Parameters

Weight on Bit (WOB)	4,000 to 20,000 lbs.
Rotary Speed (RPM)	60 to 150 RPM