

TECHNICAL DATA SHEET

BOSS Reamer

TECHNICAL SUMMARY

The HOC Boss Reamer was designed to combine the proven working designs of the DTU, a robust body and internals in order to facilitate underreaming at a high level of efficiency and durability.

FEATURES

- 3 arms with PDC cutters or patented ADD cutters
 - 9 Primary gauge cutters and 6 reamers
- Concentric cutting structure assures a full gauge enlarged well bore
- Large internal bore for higher flow rates
- 6 jet system to accommodate higher flow rates and eliminate use of jet sub
 - 3 jets in bottom sub to cool and clean the blades
 - 3 jets in top sub to divert excessive flow thru tool
- Shear screws for keeping tool retracted until required
- Non-moving flow tube for better reliability
- Arms move up and out ensuring the arms remain open with the aid of pump pressure and drilling weight also maximizing cutting structure contact with well bore wall to help stabilize reaming process
- No hinge pin or other holes in the body to maximize strength
- High temperature seals capable of sustaining up to 500 deg. F

