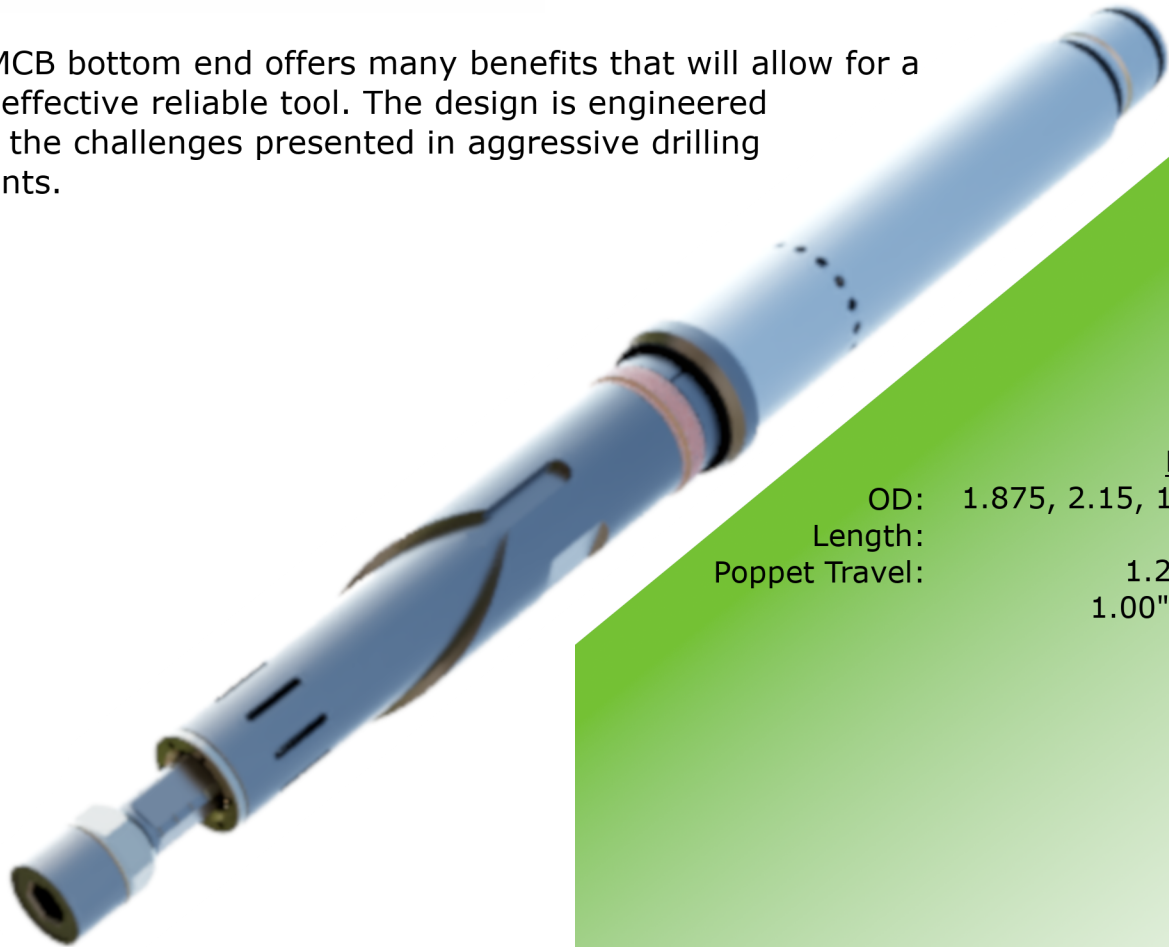




QCD
Drilling Systems for Tomorrow

MCB Bottom End

The QCD MCB bottom end offers many benefits that will allow for a more cost effective reliable tool. The design is engineered to address the challenges presented in aggressive drilling environments.



	<u>Mechanical</u>
OD:	1.875, 2.15, 1.75, 1.422
Length:	22 1/2"
Poppet Travel:	1.25" Regular 1.00" Fast Pulse

Features & Benefits

- Significantly lighter signal shaft
- Signal shaft slides against a replacable guide in the helix.
- Latching collet for customers that prefer retrievability
- Latching collet allows for several captures
- Signal poppet includes a carbide sleeve, locking sleeve, and a top travel stop.
- Reduced volume plenum for less sand solids accumulation
- Brittle ceramic bore sleeves are obsolete with MCB
- Plugs in to GE and most muleshoes when using QCD-MCB cross over wear cuff (2" UN threaded)



4045 74th Ave SE
Calgary AB T2C 2H9

403.235.0720

info@qcdgroup.ca
www.qcdtech.ca