

UltraReamer

Introducing Black Diamond's UltraReamer: Enhancing Efficiency, Minimizing Costs

Unlock unparalleled drilling performance with Black Diamond's UltraReamer - the cleaning, stabilizing, and concentric reaming powerhouse. UltraReamer boasts cutting-edge features that redefine borehole management and elevate your drilling operations. UltraReamer is the number one choice when the goal is delivering enhanced drilling performance and wellbore quality.

Features and Benefits

- **Unparalleled Cuttings Suspension:** Unique cambered hydrofoils generate powerful turbulence, driving cuttings back into the fluid flow for effective borehole cleaning and reaming.
- **Borehole Conditioning:** Circumferentially offset gauge pads engage the borehole to minimize micro doglegs and ledges.
- **Excellence When Rotating AND Sliding:** Operates efficiently in all modes unlike conventional spiral stabilizers and bi-center reamers which require rotation.
- **Reduced BHA Wear:** Employing the most advanced laser clad hard facing on the gauge reduces friction, torque, and drag thus limiting wear on drilling equipment.
- **Dogleg Removal:** Conditions mechanically induced doglegs for efficient energy transfer through the drill string to the bit and unhindered casing delivery.
- **Improved Drilling Efficiency:** Reduces mechanical specific energy, enhancing hole quality and increasing penetration rate (ROP).
- **Cost and Time Savings:** Wellbore quality reduces trip times and casing runs, delivering significant savings in drilling costs.
- **Reduced BHA Attrition:** Lower levels of friction and torque and drag reduce wear on drilling equipment.
- **Extended Lateral Performance:** Enhanced cuttings removal, and wellbore smoothing allows lateral drilling to reach new depths.
- **ECD Regulation:** Maintaining cuttings and LGS in suspension gives consistency to equivalent circulating density.
- **Stabilization Replacement:** Reduces cost with the multi-functional UltraReamer replacing traditional BHA stabilization.

UltraReamer Specifications

Blade Size (in.)	Neck Diameter (in.)	Bore Diameter (in.)	Total Length (in.)	Blade Width (in.)	Weight (lb)	Connection ¹
6 - 6 5/8	5 3/8 - 5 5/8 ²	2 3/4	60	2 1/2	323	3 1/2 IF / Custom
8 1/4 - 8 5/8	6 3/4	2 3/4	72	3	468	4 1/2 IF
11 1/2	8	3 1/4	84	3 1/2	839	6 5/8 REG
12 1/8	8	3 1/4	84	3 1/2	925	6 5/8 REG
17 3/8	10	3 1/4	96	3 1/2	1075	7 5/8 REG

¹Connections and some dimensions can be customized to customer specifications

²Connection dependent

Some dimensions are nominal and may vary slightly on finished tool



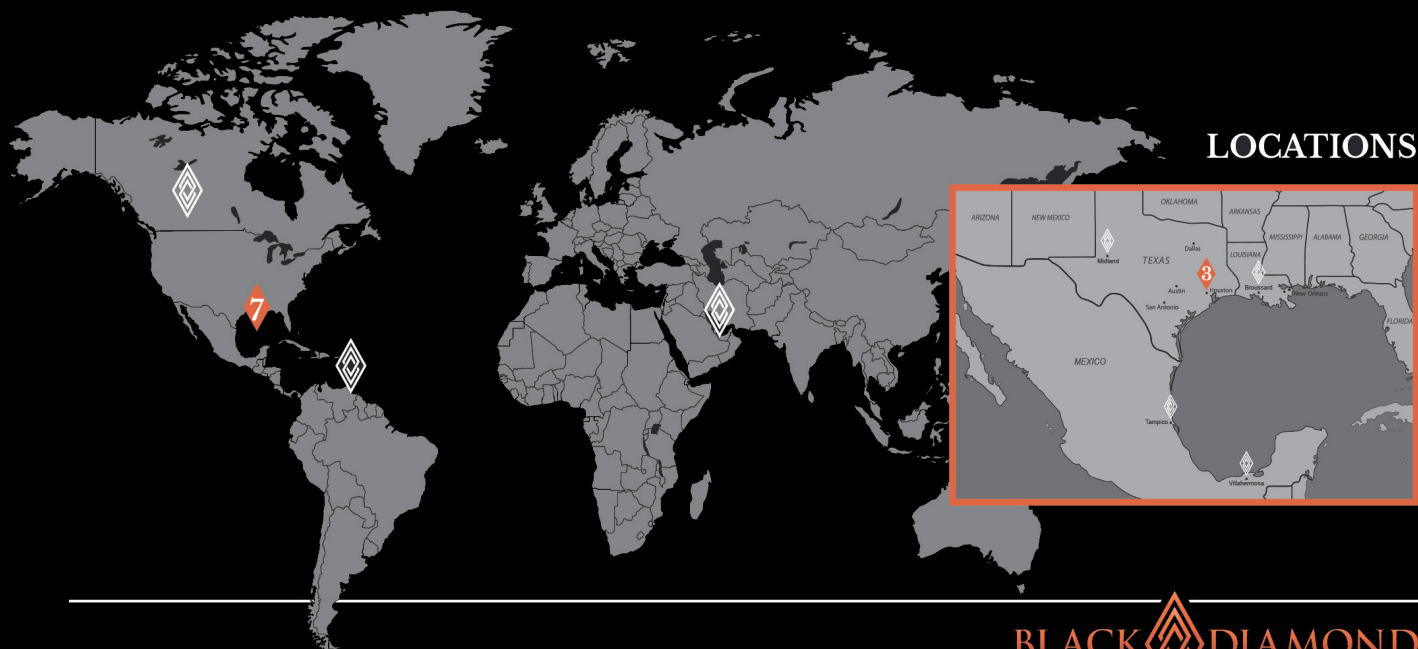
2418 North Frazier St. | Suite 100
Conroe, TX 77303, USA

www.bdoilfield.com



BLACK DIAMOND

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LOCATIONS



USA

BLACK DIAMOND CORPORATE

7906 North Sam Houston Parkway W
Suite 200
Houston , TX 77064
1.281.443.0062

BLACK DIAMOND BROUSSARD

1173 Old Spanish Trail, Hwy 182 N
Broussard, LA 70518
1.337.359.1994

BLACK DIAMOND CONROE

4205 FM 1485
Conroe, TX 77306
1.936.441.1480

BLACK DIAMOND MWD

2418 N Frazier Street #100
Conroe, TX 77303
1.936.202.2889

BLACK DIAMOND WEST TEXAS

3510 N. County Rd 1148
Midland, TX 79705
1.432.689.0076

CANADA

BLACK DIAMOND EDMONTON

Wenzel Downhole Tools
3115 - 93 Street NW
Edmonton, AB T6N 1LY
1.780.440.4220

GUYANA

BLACK DIAMOND GEORGETOWN

Plantation "A"
Houston District
East Bank Demerara
Georgetown, Guyana

MEXICO

BLACK DIAMOND VILLAHERMOSA

Avenida San Lucas Manzana 2 Bodega 3 y 4
Parque Logistico Industrial Tabasco
Rancheria Anacleto Canabal 4ta. Seccion.
Centro, Tabasco C.P. 86287
+52 993 688 8579

BLACK DIAMOND TAMPICO

Carretera Federal 20 de Noviembre km 18.7
Congregacion Anahuac
Pueblo Viejo, Ver., C.P. 92035
+52 993 688 8579

MIDDLE EAST

BLACK DIAMOND ABU DHABI

Wenzel Downhole Tools
Al Markaz Industrial Area
Waha Land, LT01 B25-32
Abu Dhabi, U.A.E.
+971 2 585 2800