

CORING EQUIPMENT– Diamond Reaming Shells



Reaming Shells for your NQ, NXB, NV & HQ-Series Core Barrels

**Diamond Reaming Shells** - are available from USExploration Equipment Company in support of your consolidated formation exploration and sample recovery requirements in four basic configurations... **Impregnated**, **Broached**, the **Magnum** Series and finally the **Premium** Series. A Reaming Shell is designed to sit above the Diamond Bit or high on the Outer Tube in an effort to increase stability, reduce vibration and maintain desired hole gauge. The Magnum Series and Premium Reamers both utilize tungsten carbide to better absorb impact and decrease erosion of the outer pad itself. When ordering, simply select the correct Coring System (**NQ-Series** or **HQ-Series**), the Reamer Type based on the formation you will encounter, select a reamer that will cut the **Gauge** required, and finally determine whether you will need two reamers (**Reaming Shell** and **Adapter Coupling**) or just one...

Coring System	Reamer Type	Reaming Shell Gauge (Hole Size) vs. Diamond Bit Diameter Options	Reaming Shell or Adapter Coupling (Top Reaming Shell)	Assembly Part Number
NQ	Broach	OS – Larger the Diamond Bit Diameter 3.032-inch Hole Size	Reaming Shell	4060371
NQ	Broach	R – Equal to Diamond Bit	Reaming Shell	4101847
NQ	Impregnated	OS – Larger the Diamond Bit Diameter 3.015-inch Hole Size	Reaming Shell	4104545
NQ	Impregnated	OS – Larger the Diamond Bit Diameter 3.032-inch Hole Size	Reaming Shell	4103855
NQ	Impregnated	R – Equal to Diamond Bit	Reaming Shell	4101029
NQ	Magnum	R – Equal to Diamond Bit	Reaming Shell	4018514
NQ	Premium	OS – Larger the Diamond Bit Diameter 3.032-inch Hole Size	Reaming Shell	4060372

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NQ	Broach	OS – Larger the Diamond Bit Diameter 3.032-inch Hole Size	Adapter Coupling	4106191
NQ	Broach	R – Equal to Diamond Bit	Adapter Coupling	4101851
NQ	Impregnated	OS – Larger the Diamond Bit Diameter 3.020-inch Hole Size	Adapter Coupling	4101425
NQ	Impregnated	OS – Larger the Diamond Bit Diameter 3.031-inch Hole Size	Adapter Coupling	4104034
NQ	Impregnated	R – Equal to Diamond Bit	Adapter Coupling	4101174
NQ	Magnum	R – Equal to Diamond Bit		4049703
NQ	Magnum	OS – Larger the Diamond Bit Diameter 3.307-inch Hole Size		4049626
HQ	Broach	OS – Larger the Diamond Bit Diameter 3.830-inch Hole Size	Reaming Shell	4060375
HQ	Broach	OS – Larger the Diamond Bit Diameter 3.895-inch Hole Size	Reaming Shell	4060376
HQ	Broach	R – Equal to Diamond Bit	Reaming Shell	4101854
HQ	Impregnated	OS – Larger the Diamond Bit Diameter 3.830-inch Hole Size	Reaming Shell	4060377
HQ	Impregnated	OS – Larger the Diamond Bit Diameter 3.895-inch Hole Size	Reaming Shell	4060378
HQ	Impregnated	R – Equal to Diamond Bit	Reaming Shell	4101028
HQ	Magnum	R – Equal to Diamond Bit	Reaming Shell	4018565
HQ	Premium	OS – Larger the Diamond Bit Diameter 3.830-inch Hole Size	Reaming Shell	4060379
HQ	Premium	OS – Larger the Diamond Bit Diameter 3.895-inch Hole Size	Reaming Shell	4060407

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HQ	Premium	R – Equal to Diamond Bit	Reaming Shell	4049766
HQ	Broach	OS – Larger the Diamond Bit Diameter 3.782-inch Hole Size	Adaptor Coupling	4105458
HQ	Broach	OS – Larger the Diamond Bit Diameter 3.782-inch Hole Size	Adaptor Coupling	4101844
HQ	Broach	R – Equal to Diamond Bit	Adaptor Coupling	4104306
HQ	Broach	OS – Larger the Diamond Bit Diameter 3.823-inch Hole Size	Adaptor Coupling	4103710
HQ	Impregnated	OS – Larger the Diamond Bit Diameter 3.823-inch Hole Size	Adapter Coupling	4101405
HQ	Impregnated	R – Equal to Diamond Bit	Adapter Coupling	4101175
HWT	Magnum	R – Equal to Casing Shoe	Rod Style	6HJR87-1
HWT	Magnum	R – Equal to Casing Shoe	Rod Style	7HJR87-2