

Expandable reamer

Reliable, cost-efficient hole-opening solution

The GaugePro™ XPR expandable reamer is the concentric hole-enlargement technology for the most complex deepwater project to the simplest hole-enlargement application. The dependable ball-drop mechanism activates the cutter blades, which are deployed with fluid circulation and deactivated when circulation is stopped. This design eliminates premature triggering independent of WOB, flow, or BHA pressure. With the pilot bit design synchronized to our expandable reamer in a fit-for-purpose drilling assembly, you'll have an exceptional downhole operating environment. The result is superior hole quality with this technologically advanced solution.

Optimized cutting structure

You can drill and ream simultaneously or enlarge a previously drilled pilot hole. The blade motion—angled radially outward and upward—is a fail-safe measure to ensure cutter blade retraction. The tool has our industry-leading Genesis™ PDC cutters to address the most challenging drilling applications.

GaugePro XPR expandable reamer

- Increased reliability
- Superior hole quality
- Improved performance



Simplified tool design

The GaugePro XPR expandable reamer—using a simple design with minimal parts and no complex tool mechanisms—increases operational reliability. The one-piece body is constructed from a high-tensile, fatigue-resistant material. This design combined with proprietary hardfaced interchangeable wear pads eliminates heat-affected zones within the tool body, preventing crack propagation. Interchangeable nozzles for each cutter blade are placed strategically through computational fluid dynamics analysis, which improves cuttings removal and transport.



To learn more about our expandable reamer, please call the GaugePro XPR team: The Woodlands 281-363-6957 or Lafayette 337-837-1414.