



DOWN-HOLE DRILLING TOOLS

HOLE HOPENERS

TECSEP's Hole Openers robustness and durability ensure smooth operations while minimizing maintenance costs. They are available with the number of cutters adapted to the work required.

All our hole openers are field maintainable, with easy assembly and disassembly. They are all equipped with 3 or 4 cutters, as well as mud nozzles precisely located to clean the cutters and the hole simultaneously.

TECSEP Hole Openers are available with interchangeable cutter sets, 26", 24", 23" and 22" OD hole openers all have the same cutters.



EASY ASSEMBLY AND DISASSEMBLY ADVANTAGES

- **Safe design** – Oversized arms can withstand heavy WOB, and are mechanically assembled on the body so that welds are not subjected to any direct load during drilling.
- **Easy maintenance** – All sizes are field maintainable.
- **Cutters range:**



Type S - For soft formations: milled tooth cutter with wide openings for improved cleaning.



Type M - For medium formations: standard solution, widely used milled tooth cutter.



Type H - For hard formations: milled tooth cutter with increased teeth density.



Type S - For very hard formations: tungsten carbide inserts. Inserts shape can be customized as per the customer need: chisel, ballistic, round top, etc.



 **DRILLSTAR**