

CHE INC.



CHRISTOHOUSTON ENERGY INC.

HOLE OPENER

CHE Fixed Diameter Hole Openers are used for expanding the drilled hole. The cutters are manufactured under strict quality control. All CHE Hole Openers field serviceable and can be easily assembled and disassembled. They are all equipped with 3 or 4 cutters, as well as mud nozzles precisely located to clean the cutters and the hole simultaneously.

Applications:

- > Difficult to drill required hole sizes due to rig capacity
- > Where a specified build rate is unattainable in relative large hole, the Hole Opener will be used with smaller bit
- > Where the hole direction is critical and needs to be closely controlled

CHE offers three types of cutters for different types of



Type SM
Soft to Medium
Formations



Type MH
Medium to Hard
Formations



Type XH
Hard Formations



Specifications

Model	O.D.	Cutters (QTY)	Min. Pilot Hole	Fishing Neck Diameter	I.D.	Top Connection (Pin)	Bottom Connection (Box)	Overall Length
HO12	12 1/4"	3	8 1/2"	8"	1 1/2"	6 5/8REG	6 5/8REG	55"
HO16	16"	3	10"	9 1/2"	2 1/4"	7 5/8REG	6 5/8REG	59"
HO17	17 1/2"	3	10"	9 1/2"	2 1/4"	7 5/8REG	6 5/8REG	59"
HO22	22"	3	12 3/4"	9 1/2"	2 1/3"	7 5/8REG	6 5/8REG	69"
HO23	23"	3	12 3/4"	8"	3"	7 5/8REG	6 5/8REG	69"
HO24	24"	3	14"	10"	3"	7 5/8REG	7 5/8REG	69"
HO26	26"	3	17 1/2"	10"	3"	7 5/8REG	7 5/8REG	69"
HO36	36"	4	26"	10"	3 1/2"	7 5/8REG	7 5/8REG	87"