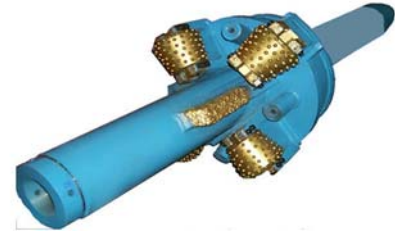


## HOLE OPENER

### Hole Opener

Hole opener is one kind of universal hole opening tool for onshore and offshore oilfield drilling. Working together with bit, hole opener can finish both drilling and opening at the same time.



Hole Opener

### Technical Specification of Hole Opener

Type	Hole Dia. (in.)	Blade No.	Min. guiding hole (in.)	Mandrel Fishing neck Diameter (in.)	Mandrel I.D. (in.)	Upper threads (Pin thread)	Lower threads (Box thread)	Overall Length (in.)
JD-HO311	12-1/4	3	8-1/2	8	1-1/2	6-5/8 REG	6-5/8 REG	60
JD-HO406	16	3	10	9-1/2	2-1/4	7-5/8 REG	7-5/8 REG	72
JD-HO444	17-1/2	3	10	9-1/2	2-1/4	7-5/8 REG	7-5/8 REG	72
JD-HO660	26	3	17-1/2	10	3	7-5/8 REG	7-5/8 REG	69
JD-HO914	36	4	26	10	3 -1/2	7-5/8 REG	7-5/8 REG	104-3/8

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