

TECHNICAL DATA SHEET

Bladed Hole Opener (DEVIL DRILL)

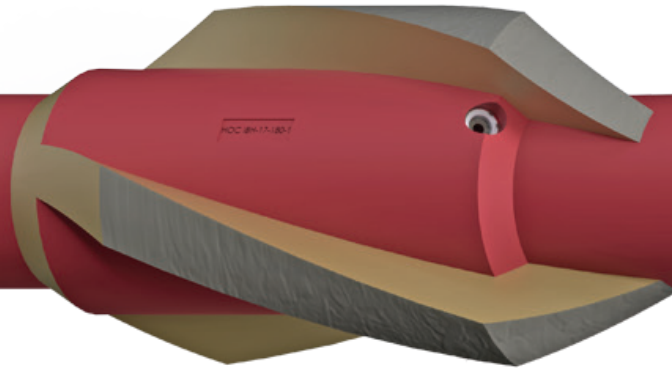
TECHNICAL SUMMARY

The HOC Bladed hole opener is used for well bore enlargement where roller cones are not necessary or applicable.

FEATURES

- Machined out of AISI 4140HT/4145HT
- Blade structures may be integral spiral, integral straight, or welded straight
- Blades are dressed with tungsten carbide chips to allow for backreaming
- Slick blade OD helps reduce vibrations and ensures full gauge hole
- 3 field changeable jets allow for effective blade and hole cleaning
- May be box down, integral bull nose, or fitted with the Spherical Pilot Bit
- Note: May be dressed with PDC

HOC
BHODD102017



TECHNICAL SPECIFICATIONS AND OPERATING PARAMETERS

Size Range (in)	Pilot Hole Size (in)	Connection Up	Connection Down	Standard Bull nose length (in)
3-1/2 — 4-1/4	3	2-3/8" Reg Pin	2-3/8" Reg Box	24.00 — 42.00
4-3/8 — 4-3/4	3-3/4	2-7/8" Reg Pin	2-7/8" Reg Box	24.00 — 42.00
5-7/8 — 6-7/8	3-7/8	3-1/2" Reg Pin	3-1/2" Reg Box	36.00 — 42.00
7-1/2 — 8-3/4	4-3/4	4-1/2" Reg Pin	4-1/2" Reg Box	36.00 — 48.00
9-5/8 — 10-5/8	6-3/4	6-5/8" Reg Pin	6-5/8" Reg Box	42.00 — 60.00
12-1/4 — 13-1/2	8-1/8	6-5/8" Reg Pin	6-5/8" Reg Box	42.00 — 60.00
14-1/2 — 14-3/4	8-1/8	6-5/8" Reg Pin	6-5/8" Reg Box	42.00 — 60.00
17-1/4 — 17-3/4	9-7/8	6-5/8" / 7-5/8" Reg Pin	6-5/8" / 7-5/8" Reg Box	42.00 — 60.00
18-1/2 — 26	11-1/2	7-5/8" Reg Pin	7-5/8" Reg Box	42.00 — 60.00