

TECHNICAL DATA SHEET

DT / DTS UNDERREAMER

TECHNICAL SUMMARY

The HOC Drilling Type and Drilling Type Stabilized Underreamer is specifically designed for clean out work or for opening small holes. It is designed with an integral bull nose, box down (tool specific) and the optional bottom blades are “fixed” for stabilization purposes.

FEATURES

- Cutter blades, when activated, create a scissor action to open gauge hole
- Hydraulic power forces the piston and actuator down, “scissoring” the cutters out
- Machined from heat-treated steel bar giving it exceptional strength
- Jet nozzles in top sub of DTS 350 and DTS 425 allow for increased GPM through the tool without causing washouts
- Tool is activated by pump pressure.
- Cutter blades are size specific and interchangeable in the DTS 350 and DTS 425

DTS350

HOC
DTS102017

DTS425

TECHNICAL SPECIFICATIONS AND OPERATING PARAMETERS

Tool Type	Body O.D. (in)	Recommended Maximum Opening (in)	Recommended Drilling Weight (pounds)	Max Flow (GPM)*	Rotary Speed (RPM)	Top Connection (Pin)
DTS 170	1.70	5-3/4"	0-2,000	80	70-110	NC 12
DTS 212	2.125	5-3/4"	0-2,000	100	70-110	1-1/4" Reg
DTS 238	2.375	7"	0-2,000	100	70-110	1-1/4" Reg
DTS 287	2.875	8-1/4"	0-3,000	100	70-110	2-3/8" Reg
DTS 350	3.50	8-1/2"	0-3,500	300	70-110	2-3/8" Reg
DTS 425	4.25	8-1/2"	0-3,500	350	70-110	3-1/2" Reg

* Flow may be increased by using a jet sub or if applicable, jets in the top sub.