



DTH NOVA

for demanding,
controlled water and
energy well drilling
projects



Controlled flushing properties

- Robit® Flow Control – No unwanted flushing into the surrounding soil
- Robit® Direct Flush – Keeps impact area clean to avoid wear
- Operates in all ground conditions

Optimized face design

- Faster penetration rate

Robust structure

- Durable, heavy-duty design guarantees longevity

Robit

FURTHER. FASTER.

Stay safe with the pioneer of
controlled flushing systems!

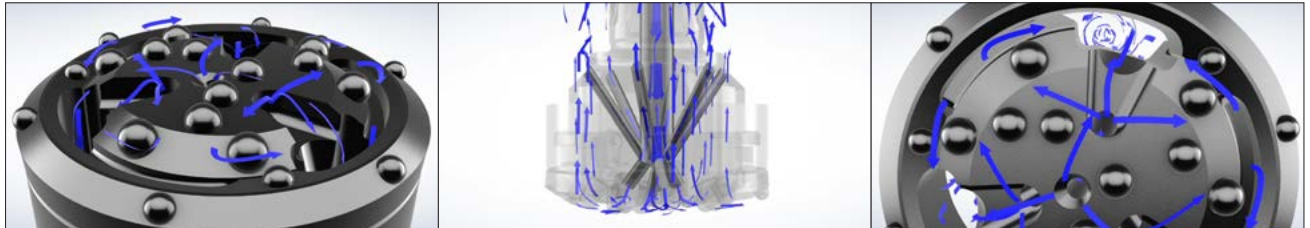
Technical Specification

Robit DTH NOVA SERIES

Single-use system for Down the Hole hammer

- Ideal for overburden that is thick and full of boulders
- Available for all the common Down the Hole hammers
- Available with Robit® Flow Control or Direct Flush technology
- Designed for all applications where the casing is left in the ground
- Highly suitable for the drilling of both water well and thermal wells
- Enables easy, fast, and reliable drilling process in all conditions

Robit® Flow Control – No unwanted flushing into the surrounding soil



Nova Pilot bit (ID optimized)

Item size, Flushing type (shank)	Order code	Casing		Pilot bit		Hammer	Weight			
		[mm]	[in]	[mm]	[in]		[kg]	[lbs]		
114.3-5 DF (DHD3.5)	2002490	114,3	4 ½	5,0	0.197	102	4.016	3 ½"	7	15
139.7-5.6 (TD40)	2001782	139,7	5 ½	5,6	0.220	127	5.020	4"	12	27
139.7-5.6 FC (TD40)	2002186	139,7	5 ½	5,6	0.220	127	5.020	4"	12	27
139.7-5.6 (DHD340)	2002190	139,7	5 ½	5,6	0.220	127	5.020	4"	12	27
168.3-6 (DHD350)	2002445	168,3	6 ⅝	6,0	0.236	155	6.102	5"	19	42
193.7-6 (QL60)	2002531	193,7	7 ⅝	6,0	0.236	180	7.087	6"	30	66
193.7-6 (DHD360)	2002627	193,7	7 ⅝	6,0	0.236	180	7.087	6"	30	66
219.1-6 DF (DHD360)	2002366	219,1	8 ⅝	6,0	0.236	205	8.071	6"	38	84
273-8 FC (DHD380)	2002475	273,0	10 ¾	8,0	0.315	255	10.039	8"	69	152
323.9-8 FC (DHD380)	2002486	323,9	12 ¾	8,0	0.315	305	12.047	8"	89	196

DF= Direct Flush, FC= Flow Control

Other shank fittings contact sales@robitgroup.com

Nova Ring bit (ID optimized)

Item size, Use type	Order code	Casing		Ring bit		Weight					
		[mm]	[in]	[mm]	[in]	[kg]	[lbs]				
114.3-5	2002487	114,3	4 ½	5,0	0.197	91	3.583	135	5.314	3	7
139.7-5.6	2001779	139,7	5 ½	5,6	0.220	116	4.567	161	6.339	3	7
139.7-5.6 HD	2002471	139,7	5 ½	5,6	0.220	116	4.567	161	6.339	3	7
168.3-6	2002435	168,3	6 ⅝	6,0	0.236	142	5.591	191	7.520	6	13
193.7-6	2002529	193,7	7 ⅝	6,0	0.236	168	6.614	216	8.504	7	15
219.1-6	2002364	219,1	8 ⅝	6,0	0.236	192	7.559	241	9.488	8	18
273-8	2002473	273,0	10 ¾	8,0	0.315	242	9.528	304	11.969	13	29
323.9-8	2002484	323,9	12 ¾	8,0	0.315	281	11.063	350	13.780	16	35

HD= Heavy Duty



Nova Pilot bit



Nova Ring bit

