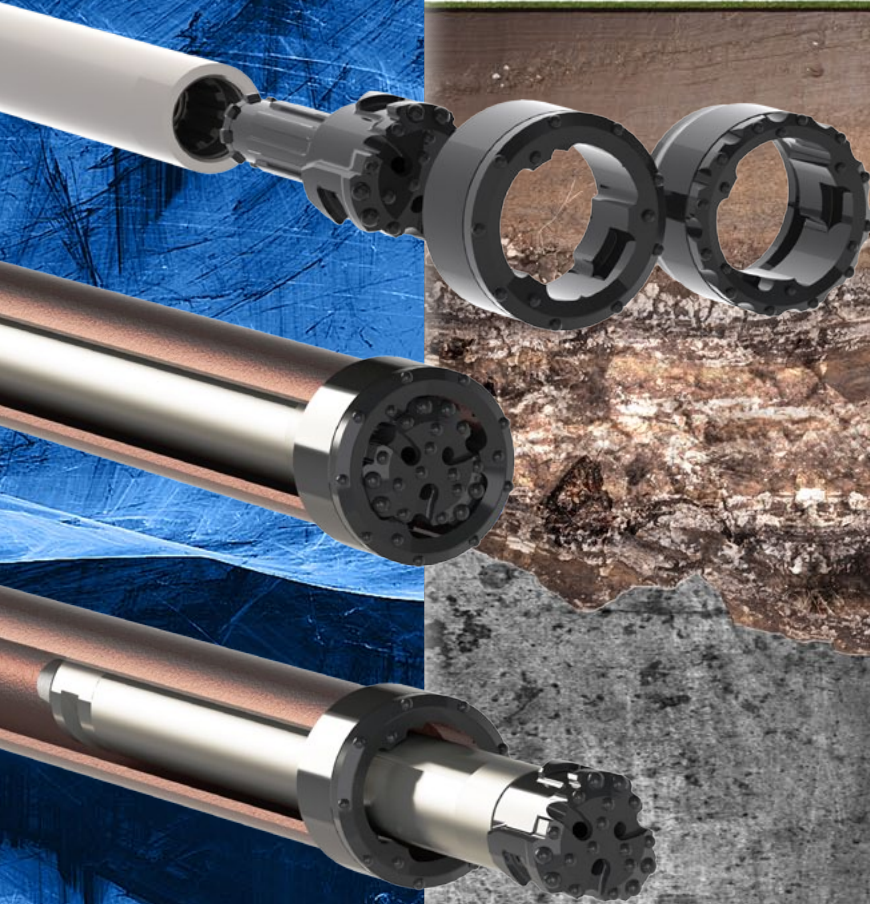


DTH Prime

Durable piling solutions for demanding conditions

Robit® DTH Prime products allow you to drill **both threaded and welded casing tubes with the same ring bit**. **Fitting and welding** are made **easy** with a pile coupling structure, while the **ring bit carry capacity is guaranteed** to exceed the burden of maximum casing grades (S550). **Large gauge buttons** enhance ring bit durability with the long-life mentality carried over to pilot design. **Flushing grooves are optimized** for the toughest of conditions and optional **"Flow Control"** model also available, where the ring bit runs ahead of the pilot bit to minimize air escaping to surrounding ground. **Reliable spiral locking mechanism** is also used in the DTH Prime system. Robit® DTH Prime products are available for piling applications ranging from 114,3 to 1220 mm. Find out more from our sales representatives at +358 3 3140 3400 or sales@robitgroup.com. Meet us online at robitgroup.com.



DTH Prime DT











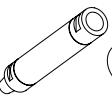


Continue drilling deep to the bedrock with Robit® DTH Prime DT drill-through system

Robit











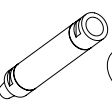


  
robitgroup.com

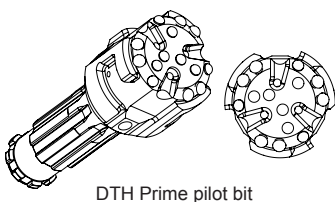
DTH Prime products

DTH Prime

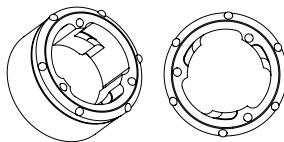
Order code	Casing				Ring bit				Pilot bit		Hammer	Weight	
													
	[mm]	[in]	[mm]	[in]	[mm]	[in]	[mm]	[in]	[mm]	[in]		[kg]	[kg]
DTH Prime 114,3/10	114,3	4 ½	10	0.394	80	3.150	135	5.315	91,5	3.602	3"	4.4	6.1
DTH Prime 139,7/10	139,7	5 ½	10	0.394	100	3.937	161	6.339	116	4.567	4"	5.8	10.2
DTH Prime 168,3/12,7	168,3	6 ¾	12,7	0.500	126	4.961	191	7.520	140	5.512	5"	8.4	17.9
DTH Prime 219,1/12,7	219,1	8 ¾	12,7	0.500	172	6.772	241	9.488	190	7.480	6"	11.6	30.6
DTH Prime 273/12,7	273	10 ¾	12,7	0.500	222	8.740	304	11.969	245	9.646	8"	17.5	66.3
DTH Prime XL2 273/12,7	273	10 ¾	12,7	0.500	222	8.740	327	12.874	245	9.646	8"	21.0	66.3
DTH Prime 323,9/12,7	323,9	12 ¾	12,7	0.500	272	10.709	350	13.780	295	11.614	8-10"	20.2	77.2
DTH Prime XL2 323,9/12,7	323,9	12 ¾	12,7	0.500	272	10.709	377	14.843	295	11.614	8-10"	24.1	77.2
DTH Prime 406,4/12,7	406,4	16	12,7	0.500	354	13.937	442	17.402	374	14.724	10-12"	34.0	180.0
DTH Prime XL2 406,4/12,7	406,4	16	12,7	0.500	354	13.937	460	18.110	374	14.724	10-12"	36.9	180.0
DTH Prime 609,6/16	609,6	24	16	0.630	540	21.260	650	25.591	568	22.362	18"	72.5	572.2
DTH Prime 813/23	813	32	23	0.906	723	28.465	860	33.858	757	29.803	20-24"	119.0	1220.0
DTH Prime 914/23	914	36	23	0.906	824	32.441	962	37.874	857	33.740	20-24"	131.4	1430.0
DTH Prime 1016/23	1016	40	23	0.906	932	36.693	1062	41.811	960	37.795	24"	172.5	2400.0
DTH Prime 1220/25,4	1220	48	25,4	1.000	1129	44.449	1272	50.079	1157	45.551	33"	221.0	3190.0

DTH Prime DT (Drill Through)

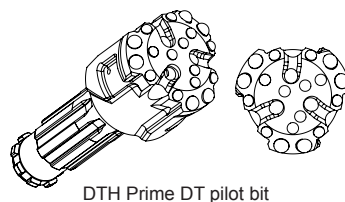
Order code	Casing				Ring bit				Pilot bit		Hammer	Weight	
													
	[mm]	[in]	[mm]	[in]	[mm]	[in]	[mm]	[in]	[mm]	[in]		[kg]	[kg]
DTH Prime DT 114,3/10	114,3	4 ½	10	0.394	80	3.150	135	5.315	90,6	3.567	3"	4.4	6.1
DTH Prime DT 139,7/10	139,7	5 ½	10	0.394	100	3.937	161	6.339	114	4.488	4"	5.8	10.4
DTH Prime DT 152,4/12,7	152,4	6	12,7	0.500	106	4.173	175	6.890	124	4.882	4"	7.5	11.4
DTH Prime DT 168,3/12,7	168,3	6 ¾	12,7	0.500	126	4.961	191	7.520	138	5.433	5"	8.4	18.1
DTH Prime DT 193,7/12,7	193,7	7 ¾	12,7	0.500	148	5.827	216	8.504	164	6.457	6"	10.0	28.7
DTH Prime DT 219,1/12,7	219,1	8 ¾	12,7	0.500	172	6.772	241	9.488	188	7.402	6"	11.6	30.0
DTH Prime DT 244,5/12,7	244,5	9 ¾	12,7	0.500	194	7.638	268	10.551	214	8.425	6"	14.1	54.2
DTH Prime DT 273/12,7	273	10 ¾	12,7	0.500	222	8.740	304	11.969	243	9.567	8"	17.5	65.1
DTH Prime DT 323,9/12,7	323,9	12 ¾	12,7	0.500	272	10.709	350	13.780	294	11.575	8-10"	20.2	77.8
DTH Prime DT 339,7/12,7	339,7	13 ¾	12,7	0.500	286	11.260	364	14.331	308	12.126	8-10"	24.0	85.0
DTH Prime DT 406,4/12,7	406,4	16	12,7	0.500	354	13.937	442	17.402	374	14.724	10-12"	34.0	180.0
DTH Prime DT 609,6/16	609,6	24	16	0.630	540	21.260	650	25.591	568	22.362	18"	72.5	572.2
DTH Prime DT 813/23	813	32	23	0.906	723	28.465	860	33.858	757	29.803	20-24"	119.0	1220.0
DTH Prime DT 914/23	914	36	23	0.906	824	32.441	962	37.874	857	33.740	20-24"	131.4	1430.0
DTH Prime DT 1016/23	1016	40	23	0.906	932	36.693	1062	41.811	960	37.795	24"	172.5	2400.0
DTH Prime DT 1220/25,4	1220	48	25,4	1.000	1129	44.449	1272	50.079	1157	45.551	33"	221.0	3190.0



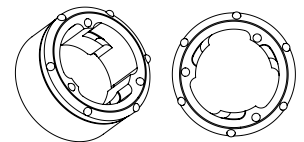
DTH Prime pilot bit



DTH Prime ring bit



DTH Prime DT pilot bit



DTH Prime DT ring bit