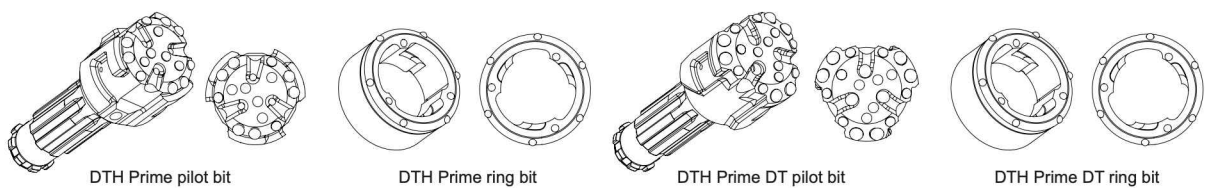


# DTH Prime

Durable piling solutions for demanding conditions

- Available for piling applications ranging from 114,3 to 1524 mm
- Allows for the drilling of both threaded and welded casing tubes with the same ring bit
- Pile coupling structure makes fitting and welding easy
- Ring bit carry capacity guaranteed to exceed the burden of maximum casing grades (S550)
- Enhanced ring bit durability, thanks to large gauge buttons
- Optimized flushing grooves for the toughest of conditions
- Optional Flow Control model minimizes air escaping to the surrounding ground
- Reliable spiral locking mechanism
- Prime DT pilot allows for continuing drilling through the ring assembly



## DTH Prime & DTH Prime DT (Drill Through) Pilot Bit

Item size	Casing				Pilot bit				Hammer	Weight	
	[mm]	[in]	[mm]	[in]	[mm]	[in]	[mm]	[in]		[kg]	[lbs]
114.3-10	114,3	4 ½	10,0	0.394	91,5	3.602	90,6	3.567	3"	6	13
139.7-10	139,7	5 ½	10,0	0.394	116,0	4.567	114,0	4.488	4"	10	22
152.4-12.7	152,4	6	12,7	0.500	126,0	4.882	124,0	4.882	4"	11	24
168.3-12.7	168,3	6 ⅝	12,7	0.500	140,0	5.512	138,0	5.433	5"	18	40
193.7-12.7	193,7	7 ⅝	12,7	0.500	166,0	6.457	164,0	6.457	6"	29	64
219.1-12.7	219,1	8 ⅝	12,7	0.500	190,0	7.480	188,0	7.402	6"	30	66
244.5-12.7	244,5	9 ⅝	12,7	0.500	216,0	8.425	214,0	8.425	6"	54	119
273-12.7	273,0	10 ¾	12,7	0.500	245,0	9.646	243,0	9.567	8"	66	146
323.9-12.7	323,9	12 ¾	12,7	0.500	295,0	11.614	294,0	11.575	8-10"	77	170
339.7-12.7	339,7	13 ⅝	12,7	0.500	311,0	12.165	309,0	12.165	8-10"	80-100	176-320
406.4-12.7	406,4	16	12,7	0.500	374,0	14.724	374,0	14.724	10-12"	180	397
508-16	508,0	20	16,0	0.630	467,0	18.386	467,0	18.386	12-18"	450	992
609.6-19	609,6	24	19,0	0.748	562,0	22.126	562,0	22.126	18"	572	1261
762-25.4	762,0	30	25,4	1.000	701,0	27.598	701,0	27.598	20-24"	1080	2381
813-23	813,0	32	23,0	0.906	757,0	29.803	757,0	29.803	20-24"	1220	2690
914-23	914,0	36	23,0	0.906	857,0	33.740	857,0	33.740	20-24"	1430	3153
1016-23	1016,0	40	23,0	0.906	960,0	37.795	960,0	37.795	24"	2400	5291
1220-25.4	1220,0	48	25,4	1.000	1157,0	45.551	1157,0	45.551	33"	3190	7033
1320-25.4	1320,0	52	25,4	1.000	1256,0	49.449	1256,0	49.449	33"	3900	8598
1422-25.4	1422,0	56	25,4	1.000	1357,0	53.425	1357,0	53.425	33"	4400	9700
1524-25.4	1524,0	60	25,4	1.000	1458,0	57.402	1458,0	57.402	33"	5000	11023

## DTH Prime Ring Bit

Item size	Casing				Ring bit				Weight	
	[mm]	[in]	[mm]	[in]	[mm]	[in]	[mm]	[in]	[kg]	[lbs]
114.3-10	114,3	4 ½	10,0	0.394	80,0	3.150	135,0	5.315	5	10
139.7-10	139,7	5 ½	10,0	0.394	100,0	3.937	161,0	6.339	6	13
152.4-12.7	152,4	6	12,7	0.500	106,0	4.173	175,0	6.890	8	17
168.3-12.7	168,3	6 ⅝	12,7	0.500	126,0	4.961	191,0	7.520	9	19
193.7-12.7	193,7	7 ⅝	12,7	0.500	148,0	5.827	216,0	8.504	10	22
219.1-12.7	219,1	8 ⅝	12,7	0.500	172,0	6.772	241,0	9.488	12	26
244.5-12.7	244,5	9 ⅝	12,7	0.500	194,0	7.638	268,0	10.551	14	31
273-12.7	273,0	10 ¾	12,7	0.500	222,0	8.740	304,0	11.969	18	39
XL2 273-12.7	273,0	10 ¾	12,7	0.500	222,0	8.740	327,0	12.874	21	46
323.9-12.7	323,9	12 ¾	12,7	0.500	272,0	10.709	350,0	13.780	20	45
XL2 323.9-12.7	323,9	12 ¾	12,7	0.500	272,0	10.709	377,0	14.843	24	53
339.7-12.7	339,7	13 ⅝	12,7	0.500	288,0	11.339	368,0	14.488	22	49
406.4-12.7	406,4	16	12,7	0.500	354,0	13.937	442,0	17.402	34	75
XL2 406.4-12.7	406,4	16	12,7	0.500	354,0	13.937	460,0	18.110	37	82
508-16	508,0	20	16,0	0.630	438,0	17.244	548,0	21.575	53	116
609.6-19	609,6	24	19,0	0.748	534,0	21.024	650,0	25.591	62	136
762-25.4	762,0	30	25,4	1.000	667,0	26.260	809,0	31.850	120	265
813-23	813,0	32	23,0	0.906	723,0	28.465	860,0	33.858	119	263
914-23	914,0	36	23,0	0.906	824,0	32.441	962,0	37.874	132	290
1016-23	1016,0	40	23,0	0.906	932,0	36.693	1062,0	41.811	173	380
1220-25.4	1220,0	48	25,4	1.000	1129,0	44.449	1272,0	50.079	221	487
1320-25.4	1320,0	52	25,4	1.000	1226,0	48.268	1374,0	54.094	250	551
1422-25.4	1422,0	56	25,4	1.000	1325,0	52.165	1476,0	58.110	270	595
1524-25.4	1524,0	60	25,4	1.000	1423,0	56.024	1580,0	62.205	300	662