



## ■ Achievable Drilling (TB) and Sink Depths (TS)



drill diameter D1	B210, B221, B224, B254, B284, B291, B707, B966, B976		B211, B222, B225, B285, B292, B411, B708, B977		B212, B256, B709, B978		B269		unalloyed and low-alloy steel; unalloyed and alloy steel, and cast iron, high-alloy steel and stainless steel		
	TB <sub>min</sub>	TB <sub>max</sub>	TB <sub>min</sub>	TB <sub>max</sub>	TB <sub>min</sub>	TB <sub>max</sub>	TB <sub>min</sub>	TB <sub>max</sub>	TS <sub>100</sub>	TS <sub>80</sub>	TS <sub>max</sub>
4,0–4,7	4	17	12	29	20	36	45	62	1,2	1,8	2,5
>4,7–6,0	4	20	20	35	27	43	63	80	1,5	2,2	3,0
>6,0–7,0	11	24	23	40	32	49	71	88	2	3,0	4,0
>7,0–8,0	11	28	23	40	42	59	85	102	2,5	4,0	5,0
>8,0–10,0	13	29	27	43	46	62	109	125	2,5	4,0	5,0
>10,0–12,0	15	35	31	51	54	74	131	151	3,5	5,0	7,0
>12,0–14,0	21	36	38	53	69	84	160	175	4,0	6,0	8,0
>14,0–16,0	22	40	40	58	78	96	184	202	4,0	6,0	8,0
>16,0–18,0	31	45	51	65	93	107	213	227	4,0	6,0	8,0
>18,0–20,0	34	50	56	72	103	119	237	253	4,0	6,0	8,0



## ■ Achievable Drilling (T) and Sink Depths (TS) with KenTIP Tool Bodies

drilling depths (T) with SEFAS compact tools

drilling depths (T) with SEFAS chamfer rings

sink depths (TS)



D1 mm	3x		5x		8x		3x		5x		8x		TS <sub>100</sub>	TS <sub>80</sub>	TS <sub>max</sub>
	T	T <sub>max</sub>	T	T <sub>max</sub>	T	T <sub>max</sub>	T	T <sub>max</sub>	T	T <sub>max</sub>	T	T <sub>max</sub>			
8,00–8,49	11	19	21	37	47	63	11	22	22	40	48	66	2,5	4,0	5,0
8,50–8,99	12	21	24	40	51	67	12	24	25	43	52	70	2,5	4,0	5,0
9,00–9,49	12	23	27	43	56	72	12	26	28	46	57	75	2,5	4,0	5,0
9,50–9,99	13	25	31	47	61	77	13	28	32	50	62	80	2,5	4,0	5,0
10,00–10,49	13	26	28	49	60	81	13	28	29	51	61	83	3,5	5,0	7,0
10,50–10,99	14	28	31	52	64	85	14	30	32	54	65	87	3,5	5,0	7,0
11,00–11,49	14	30	34	55	69	90	14	32	35	57	70	92	3,5	5,0	7,0
11,50–11,99	15	32	37	58	73	94	15	34	38	60	74	96	3,5	5,0	7,0
12,00–12,49	15	30	41	56	79	94	15	32	36	58	74	96	4,0	6,0	8,0
12,50–12,99	17	32	44	59	83	98	16	34	39	61	78	100	4,0	6,0	8,0
13,00–13,49	19	34	47	62	88	103	16	36	42	64	83	105	4,0	6,0	8,0
13,50–13,99	21	36	51	66	93	108	17	38	46	68	88	110	4,0	6,0	8,0
14,00–14,49	19	37	50	68	94	112	18	40	49	71	93	115	4,0	6,0	8,0
14,50–14,99	21	39	53	71	98	116	20	42	52	74	97	119	4,0	6,0	8,0
15,00–15,99	25	43	59	77	107	125	24	46	58	80	106	128	4,0	6,0	8,0
16,00–16,99	29	47	65	83	117	135	28	50	64	85	115	136	4,0	6,0	8,0
17,00–17,99	35	49	73	87	127	141	30	54	68	92	122	146	4,0	6,0	8,0
18,00–18,99	36	52	76	92	133	149	33	57	73	97	130	154	4,0	6,0	8,0
19,00–19,99	40	56	82	98	142	158	37	61	79	103	139	163	4,0	6,0	8,0

NOTE: TS<sub>100</sub>: maximum sink depths at which the full feed values can be maintained during chamfering and sinking.

TS<sub>80</sub>: maximum sink depths that can be achieved without chipbreak cycles and at a 20% feed reduction.

TS<sub>max</sub>: maximum sink depths that can be achieved without chipbreak cycles and at a 50% feed reduction.

T: minimum drilling depth that can be achieved due to the protruded length of the drill.

T<sub>max</sub>: maximum drilling depth that can be achieved due to the protruded length of the drill.