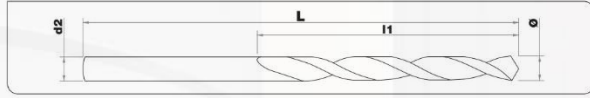
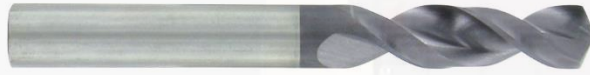


# STUB DRILL

PHOENIX | HSS E5 TIALN FULLY GROUND STUB LENGTH DRILL.

**8143911**



For deep holes. Universal application.  
High Performance.



Steels for heat treatment  
200-700N/mm<sup>2</sup>



Heat Treatable Steels <950N/  
mm<sup>2</sup>



Stainless Steels



SG iron



Aluminium alloys Si>10%

**8143911**

Ø	d2	L	l1
2	2	38	12
2.1	2.1	38	12
2.2	2.2	40	13
2.3	2.3	40	13
2.4	2.4	43	14
2.5	2.5	43	14
2.6	2.6	43	14
2.7	2.7	46	16
2.8	2.8	46	16
2.9	2.9	46	16
3	3	46	16
3.1	3.1	49	18
3.2	3.2	49	18
3.3	3.3	49	18
3.4	3.4	52	20
3.5	3.5	52	20
3.6	3.6	52	20
3.7	3.7	52	20
3.8	3.8	55	22
3.9	3.9	55	22
4	4	55	22
4.1	4.1	55	22
4.2	4.2	55	22
4.3	4.3	58	24
4.4	4.4	58	24
4.5	4.5	58	24
4.6	4.6	58	24
4.7	4.7	58	24
4.8	4.8	62	26
4.9	4.9	62	26
5	5	62	26
5.1	5.1	62	26
5.2	5.2	62	26
5.3	5.3	62	26
5.4	5.4	66	28
5.5	5.5	66	28
5.6	5.6	66	28
5.7	5.7	66	28
5.8	5.8	66	28
5.9	5.9	66	28
6	6	66	28
6.1	6.1	70	31
6.2	6.2	70	31
6.3	6.3	70	31
6.4	6.4	70	31
6.5	6.5	70	31
6.6	6.6	70	31
6.7	6.7	70	31
6.8	6.8	74	34
6.9	6.9	74	34
7	7	74	34

**8143911**

Ø	d2	L	l1
7.1	7.1	74	34
7.2	7.2	74	34
7.3	7.3	74	34
7.4	7.4	74	34
7.5	7.5	74	34
7.6	7.6	79	37
7.7	7.7	79	37
7.8	7.8	79	37
7.9	7.9	79	37
8	8	79	37
8.1	8.1	79	37
8.2	8.2	79	37
8.3	8.3	79	37
8.4	8.4	79	37
8.5	8.5	79	37
8.6	8.6	84	40
8.7	8.7	84	40
8.8	8.8	84	40
8.9	8.9	84	40
9	9	84	40
9.1	9.1	84	40
9.2	9.2	84	40
9.3	9.3	84	40
9.4	9.4	84	40
9.5	9.5	84	40
9.6	9.6	89	43
9.7	9.7	89	43
9.8	9.8	89	43
9.9	9.9	89	43
10	10	89	43
10.1	10.1	89	43
10.2	10.2	89	43
10.3	10.3	89	43
10.4	10.4	89	43
10.5	10.5	89	43
10.6	10.6	89	43
10.7	10.7	95	47
10.8	10.8	95	47
10.9	10.9	95	47
11	11	95	47
11.1	11.1	95	47
11.2	11.2	95	47
11.3	11.3	95	47
11.4	11.4	95	47
11.5	11.5	95	47
11.6	11.6	95	47
11.7	11.7	95	47
11.8	11.8	95	47
11.9	11.9	102	51
12	12	102	51
12.1	12.1	102	51

**8143911**

Ø	d2	L	l1
12.2	12.2	102	51
12.3	12.3	102	51
12.4	12.4	102	51
12.5	12.5	102	51
12.6	12.6	102	51
12.7	12.7	102	51
12.8	12.8	102	51
12.9	12.9	102	51
13	13	102	51
13.5	13.5	107	54
14	14	107	54
14.5	14.5	111	56
15	15	111	56
15.5	15.5	115	58
16	16	115	58
16.5	16.5	119	60
17	17	119	60
17.5	17.5	123	62
18	18	123	62
18.5	18.5	127	64
19	19	127	64
19.5	19.5	131	66
20	20	131	66