

353PU-353HPU

universal application, high productivity



353PU



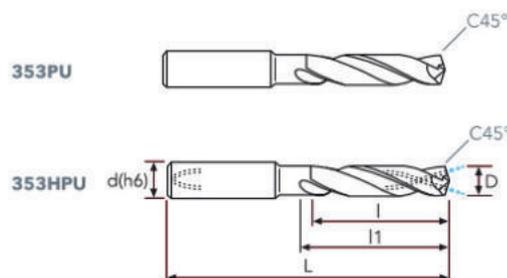
353HPU

P	M	K	N	S	H
★	★	★	☆		
★	★	★	☆	★	

353PU

353HPU

★ 1st choice ☆ suitable



D(m7)	D ToL	d(h6)	l	l1	L	353PU		353HPU	
						EDP No.	Stock	EDP No.	Stock
3.00	+0.012/+0.002	6	14	20	62	353PU0300	●	353HPU0300	●
3.10	+0.016/+0.004	6	14	20	62	353PU0310	●	353HPU0310	●
3.20	+0.016/+0.004	6	14	20	62	353PU0320	●	353HPU0320	●
3.30	+0.016/+0.004	6	14	20	62	353PU0330	●	353HPU0330	●
3.40	+0.016/+0.004	6	14	20	62	353PU0340	●	353HPU0340	●
3.50	+0.016/+0.004	6	14	20	62	353PU0350	●	353HPU0350	●
3.60	+0.016/+0.004	6	14	20	62	353PU0360	●	353HPU0360	●
3.70	+0.016/+0.004	6	14	20	62	353PU0370	●	353HPU0370	●
3.80	+0.016/+0.004	6	17	24	66	353PU0380	●	353HPU0380	●
3.90	+0.016/+0.004	6	17	24	66	353PU0390	●	353HPU0390	●
4.00	+0.016/+0.004	6	17	24	66	353PU0400	●	353HPU0400	●
4.10	+0.016/+0.004	6	17	24	66	353PU0410	●	353HPU0410	●
4.20	+0.016/+0.004	6	17	24	66	353PU0420	●	353HPU0420	●
4.30	+0.016/+0.004	6	17	24	66	353PU0430	●	353HPU0430	●
4.40	+0.016/+0.004	6	17	24	66	353PU0440	●	353HPU0440	●
4.50	+0.016/+0.004	6	17	24	66	353PU0450	●	353HPU0450	●
4.60	+0.016/+0.004	6	17	24	66	353PU0460	●	353HPU0460	●
4.70	+0.016/+0.004	6	17	24	66	353PU0470	●	353HPU0470	●
4.80	+0.016/+0.004	6	20	28	66	353PU0480	●	353HPU0480	●
4.90	+0.016/+0.004	6	20	28	66	353PU0490	●	353HPU0490	●
5.00	+0.016/+0.004	6	20	28	66	353PU0500	●	353HPU0500	●
5.10	+0.016/+0.004	6	20	28	66	353PU0510	●	353HPU0510	●
5.20	+0.016/+0.004	6	20	28	66	353PU0520	●	353HPU0520	●
5.30	+0.016/+0.004	6	20	28	66	353PU0530	●	353HPU0530	●
5.40	+0.016/+0.004	6	20	28	66	353PU0540	●	353HPU0540	●
5.50	+0.016/+0.004	6	20	28	66	353PU0550	●	353HPU0550	●
5.60	+0.016/+0.004	6	20	28	66	353PU0560	●	353HPU0560	●
5.70	+0.016/+0.004	6	20	28	66	353PU0570	●	353HPU0570	●
5.80	+0.016/+0.004	6	20	28	66	353PU0580	●	353HPU0580	●
5.90	+0.016/+0.004	6	20	28	66	353PU0590	●	353HPU0590	●
6.00	+0.016/+0.004	6	20	28	66	353PU0600	●	353HPU0600	●
6.10	+0.021/+0.006	8	24	34	79	353PU0610	●	353HPU0610	●
6.20	+0.021/+0.006	8	24	34	79	353PU0620	●	353HPU0620	●
6.30	+0.021/+0.006	8	24	34	79	353PU0630	●	353HPU0630	●
6.40	+0.021/+0.006	8	24	34	79	353PU0640	●	353HPU0640	●
6.50	+0.021/+0.006	8	24	34	79	353PU0650	●	353HPU0650	●
6.60	+0.021/+0.006	8	24	34	79	353PU0660	●	353HPU0660	●
6.70	+0.021/+0.006	8	24	34	79	353PU0670	●	353HPU0670	●
6.80	+0.021/+0.006	8	24	34	79	353PU0680	●	353HPU0680	●

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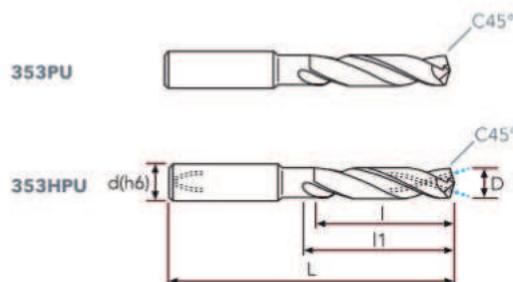


353HPU

P	M	K	N	S	H
★	★	★	☆		
★	★	★	☆	★	

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★ 1st choice ☆ suitable



D(m7)	D ToL	d(h6)	l	l1	L	EDP No.	Stock	EDP No.	Stock
6.90	+0.021/+0.006	8	24	34	79	353PU0690	●	353HPU0690	●
7.00	+0.021/+0.006	8	24	34	79	353PU0700	●	353HPU0700	●
7.10	+0.021/+0.006	8	29	41	79	353PU0710	●	353HPU0710	●
7.20	+0.021/+0.006	8	29	41	79	353PU0720	●	353HPU0720	●
7.30	+0.021/+0.006	8	29	41	79	353PU0730	●	353HPU0730	●
7.40	+0.021/+0.006	8	29	41	79	353PU0740	●	353HPU0740	●
7.50	+0.021/+0.006	8	29	41	79	353PU0750	●	353HPU0750	●
7.60	+0.021/+0.006	8	29	41	79	353PU0760	●	353HPU0760	●
7.70	+0.021/+0.006	8	29	41	79	353PU0770	●	353HPU0770	●
7.80	+0.021/+0.006	8	29	41	79	353PU0780	●	353HPU0780	●
7.90	+0.021/+0.006	8	29	41	79	353PU0790	●	353HPU0790	●
8.00	+0.021/+0.006	8	29	41	79	353PU0800	●	353HPU0800	●
8.10	+0.021/+0.006	10	35	47	89	353PU0810	●	353HPU0810	●
8.20	+0.021/+0.006	10	35	47	89	353PU0820	●	353HPU0820	●
8.30	+0.021/+0.006	10	35	47	89	353PU0830	●	353HPU0830	●
8.40	+0.021/+0.006	10	35	47	89	353PU0840	●	353HPU0840	●
8.50	+0.021/+0.006	10	35	47	89	353PU0850	●	353HPU0850	●
8.60	+0.021/+0.006	10	35	47	89	353PU0860	●	353HPU0860	●
8.70	+0.021/+0.006	10	35	47	89	353PU0870	●	353HPU0870	●
8.80	+0.021/+0.006	10	35	47	89	353PU0880	●	353HPU0880	●
8.90	+0.021/+0.006	10	35	47	89	353PU0890	●	353HPU0890	●
9.00	+0.021/+0.006	10	35	47	89	353PU0900	●	353HPU0900	●
9.10	+0.021/+0.006	10	35	47	89	353PU0910	●	353HPU0910	●
9.20	+0.021/+0.006	10	35	47	89	353PU0920	●	353HPU0920	●
9.30	+0.021/+0.006	10	35	47	89	353PU0930	●	353HPU0930	●
9.40	+0.021/+0.006	10	35	47	89	353PU0940	●	353HPU0940	●
9.50	+0.021/+0.006	10	35	47	89	353PU0950	●	353HPU0950	●
9.60	+0.021/+0.006	10	35	47	89	353PU0960	●	353HPU0960	●
9.70	+0.021/+0.006	10	35	47	89	353PU0970	●	353HPU0970	●
9.80	+0.021/+0.006	10	35	47	89	353PU0980	●	353HPU0980	●
9.90	+0.021/+0.006	10	35	47	89	353PU0990	●	353HPU0990	●
10.00	+0.021/+0.006	10	35	47	89	353PU1000	●	353HPU1000	●
10.10	+0.025/+0.007	12	40	55	102	353PU1010	●	353HPU1010	●
10.20	+0.025/+0.007	12	40	55	102	353PU1020	●	353HPU1020	●
10.30	+0.025/+0.007	12	40	55	102	353PU1030	●	353HPU1030	●
10.40	+0.025/+0.007	12	40	55	102	353PU1040	●	353HPU1040	●
10.50	+0.025/+0.007	12	40	55	102	353PU1050	●	353HPU1050	●
10.60	+0.025/+0.007	12	40	55	102	353PU1060	●	353HPU1060	●
10.70	+0.025/+0.007	12	40	55	102	353PU1070	●	353HPU1070	●

353PU-353HPU

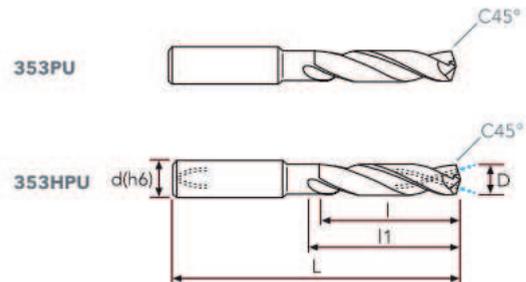
universal application, high productivity



P	M	K	N	S	H
★	★	★	☆	★	
★	★	★	☆	★	

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D(m7)	D Tol.	d(h6)	l	l1	L	EDP No.	Stock	EDP No.	Stock
10.80	+0.025/+0.007	12	40	55	102	353PU1080	●	353HPU1080	●
10.90	+0.025/+0.007	12	40	55	102	353PU1090	●	353HPU1090	●
11.00	+0.025/+0.007	12	40	55	102	353PU1100	●	353HPU1100	●
11.10	+0.025/+0.007	12	40	55	102	353PU1110	●	353HPU1110	●
11.20	+0.025/+0.007	12	40	55	102	353PU1120	●	353HPU1120	●
11.30	+0.025/+0.007	12	40	55	102	353PU1130	●	353HPU1130	●
11.40	+0.025/+0.007	12	40	55	102	353PU1140	●	353HPU1140	●
11.50	+0.025/+0.007	12	40	55	102	353PU1150	●	353HPU1150	●
11.60	+0.025/+0.007	12	40	55	102	353PU1160	●	353HPU1160	●
11.70	+0.025/+0.007	12	40	55	102	353PU1170	●	353HPU1170	●
11.80	+0.025/+0.007	12	40	55	102	353PU1180	●	353HPU1180	●
11.90	+0.025/+0.007	12	40	55	102	353PU1190	●	353HPU1190	●
12.00	+0.025/+0.007	12	40	55	102	353PU1200	●	353HPU1200	●
12.10	+0.025/+0.007	14	43	60	107	353PU1210	●	353HPU1210	●
12.20	+0.025/+0.007	14	43	60	107	353PU1220	●	353HPU1220	●
12.30	+0.025/+0.007	14	43	60	107	353PU1230	●	353HPU1230	●
12.40	+0.025/+0.007	14	43	60	107	353PU1240	●	353HPU1240	●
12.50	+0.025/+0.007	14	43	60	107	353PU1250	●	353HPU1250	●
12.60	+0.025/+0.007	14	43	60	107	353PU1260	●	353HPU1260	●
12.70	+0.025/+0.007	14	43	60	107	353PU1270	●	353HPU1270	●
12.80	+0.025/+0.007	14	43	60	107	353PU1280	●	353HPU1280	●
12.90	+0.025/+0.007	14	43	60	107	353PU1290	●	353HPU1290	●
13.00	+0.025/+0.007	14	43	60	107	353PU1300	●	353HPU1300	●
13.10	+0.025/+0.007	14	43	60	107	353PU1310	●	353HPU1310	●
13.20	+0.025/+0.007	14	43	60	107	353PU1320	●	353HPU1320	●
13.30	+0.025/+0.007	14	43	60	107	353PU1330	●	353HPU1330	●
13.40	+0.025/+0.007	14	43	60	107	353PU1340	●	353HPU1340	●
13.50	+0.025/+0.007	14	43	60	107	353PU1350	●	353HPU1350	●
13.60	+0.025/+0.007	14	43	60	107	353PU1360	●	353HPU1360	●
13.70	+0.025/+0.007	14	43	60	107	353PU1370	●	353HPU1370	●
13.80	+0.025/+0.007	14	43	60	107	353PU1380	●	353HPU1380	●
13.90	+0.025/+0.007	14	43	60	107	353PU1390	●	353HPU1390	●
14.00	+0.025/+0.007	14	43	60	107	353PU1400	●	353HPU1400	●
14.10	+0.025/+0.007	16	45	65	115	353PU1410	●	353HPU1410	●
14.20	+0.025/+0.007	16	45	65	115	353PU1420	●	353HPU1420	●
14.30	+0.025/+0.007	16	45	65	115	353PU1430	●	353HPU1430	●
14.50	+0.025/+0.007	16	45	65	115	353PU1450	●	353HPU1450	●
14.60	+0.025/+0.007	16	45	65	115	353PU1460	●	353HPU1460	●
14.70	+0.025/+0.007	16	45	65	115	353PU1470	●		

353PU-353HPU

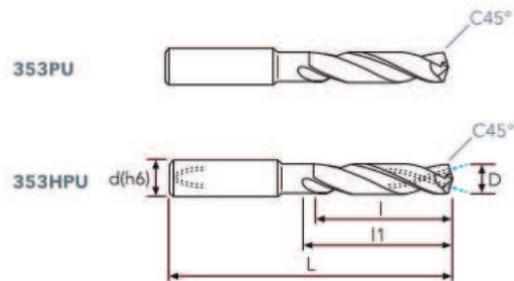
universal application, high productivity



P	M	K	N	S	H
★	★	★	☆		
★	★	★	☆	★	

353PU
353HPU

★ 1st choice ☆ suitable



D(m7)	D ToL	d(h6)	l	l1	L	EDP No.	Stock	EDP No.	Stock
14.80	+0.025/+0.007	16	45	65	115	353PU1480	●	353HPU1480	●
15.00	+0.025/+0.007	16	45	65	115	353PU1500	●	353HPU1500	●
15.10	+0.025/+0.007	16	45	65	115	353PU1510	●	353HPU1510	●
15.20	+0.025/+0.007	16	45	65	115	353PU1520	●	353HPU1520	●
15.30	+0.025/+0.007	16	45	65	115	353PU1530	●	353HPU1530	●
15.50	+0.025/+0.007	16	45	65	115	353PU1550	●	353HPU1550	●
15.60	+0.025/+0.007	16	45	65	115	353PU1560	●	353HPU1560	●
15.70	+0.025/+0.007	16	45	65	115	353PU1570	●	353HPU1570	●
15.80	+0.025/+0.007	16	45	65	115	353PU1580	●	353HPU1580	●
16.00	+0.025/+0.007	16	45	65	115	353PU1600	●	353HPU1600	●
16.10	+0.025/+0.007	18	52	73	123			353HPU1610	●
16.20	+0.025/+0.007	18	52	73	123			353HPU1620	●
16.30	+0.025/+0.007	18	52	73	123			353HPU1630	●
16.50	+0.025/+0.007	18	52	73	123	353PU1650	●	353HPU1650	●
16.70	+0.025/+0.007	18	52	73	123			353HPU1670	●
16.80	+0.025/+0.007	18	52	73	123			353HPU1680	●
17.00	+0.025/+0.007	18	52	73	123	353PU1700	●	353HPU1700	●
17.10	+0.025/+0.007	18	52	73	123			353HPU1710	●
17.20	+0.025/+0.007	18	52	73	123			353HPU1720	●
17.50	+0.025/+0.007	18	52	73	123	353PU1750	●	353HPU1750	●
17.60	+0.025/+0.007	18	52	73	123			353HPU1760	●
17.70	+0.025/+0.007	18	52	73	123			353HPU1770	●
17.80	+0.025/+0.007	18	52	73	123			353HPU1780	●
18.00	+0.025/+0.007	18	52	73	123	353PU1800	●	353HPU1800	●
18.10	+0.029/+0.008	20	55	79	131			353HPU1810	●
18.20	+0.029/+0.008	20	55	79	131			353HPU1820	●
18.30	+0.029/+0.008	20	55	79	131			353HPU1830	●
18.50	+0.029/+0.008	20	55	79	131	353PU1850	●	353HPU1850	●
18.60	+0.029/+0.008	20	55	79	131			353HPU1860	●
18.70	+0.029/+0.008	20	55	79	131			353HPU1870	●
18.80	+0.029/+0.008	20	55	79	131			353HPU1880	●
19.00	+0.029/+0.008	20	55	79	131	353PU1900	●	353HPU1900	●
19.20	+0.029/+0.008	20	55	79	131			353HPU1920	●
19.30	+0.029/+0.008	20	55	79	131			353HPU1930	●
19.50	+0.029/+0.008	20	55	79	131	353PU1950	●	353HPU1950	●
19.60	+0.029/+0.008	20	55	79	131			353HPU1960	●
19.80	+0.029/+0.008	20	55	79	131			353HPU1980	●
20.00	+0.029/+0.008	20	55	79	131	353PU2000	●	353HPU2000	●

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universal application, high productivity



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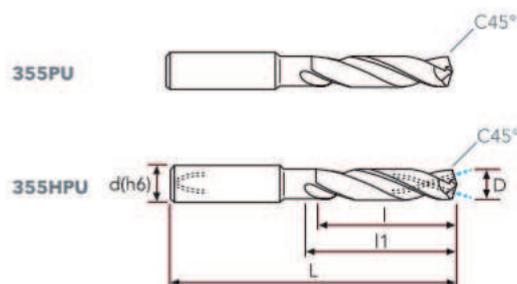
355HPU

P	M	K	N	S	H
★	★	★	☆		
★	★	★	☆	★	

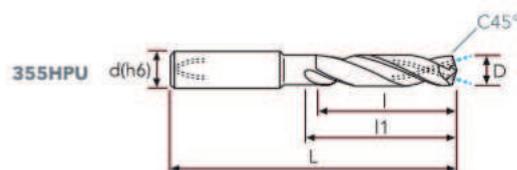
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D(m7)	D Tol.	d(h6)	l	l1	L	355PU		355HPU	
						EDP No.	Stock	EDP No.	Stock
3.00	+0.012/+0.002	6	23	28	66	355PU0300	●	355HPU0300	●
3.10	+0.016/+0.004	6	23	28	66	355PU0310	●	355HPU0310	●
3.20	+0.016/+0.004	6	23	28	66	355PU0320	●	355HPU0320	●
3.25	+0.016/+0.004	6	23	28	66			355HPU0325	●
3.30	+0.016/+0.004	6	23	28	66	355PU0330	●	355HPU0330	●
3.40	+0.016/+0.004	6	23	28	66	355PU0340	●	355HPU0340	●
3.50	+0.016/+0.004	6	23	28	66	355PU0350	●	355HPU0350	●
3.60	+0.016/+0.004	6	23	28	66	355PU0360	●	355HPU0360	●
3.70	+0.016/+0.004	6	23	28	66	355PU0370	●	355HPU0370	●
3.80	+0.016/+0.004	6	29	36	74	355PU0380	●	355HPU0380	●
3.90	+0.016/+0.004	6	29	36	74	355PU0390	●	355HPU0390	●
4.00	+0.016/+0.004	6	29	36	74	355PU0400	●	355HPU0400	●
4.10	+0.016/+0.004	6	29	36	74	355PU0410	●	355HPU0410	●
4.20	+0.016/+0.004	6	29	36	74	355PU0420	●	355HPU0420	●
4.30	+0.016/+0.004	6	29	36	74	355PU0430	●	355HPU0430	●
4.40	+0.016/+0.004	6	29	36	74	355PU0440	●	355HPU0440	●
4.50	+0.016/+0.004	6	29	36	74	355PU0450	●	355HPU0450	●
4.60	+0.016/+0.004	6	29	36	74	355PU0460	●	355HPU0460	●
4.65	+0.016/+0.004	6	29	36	74			355HPU0465	●
4.70	+0.016/+0.004	6	29	36	74	355PU0470	●	355HPU0470	●
4.80	+0.016/+0.004	6	35	44	82	355PU0480	●	355HPU0480	●
4.90	+0.016/+0.004	6	35	44	82	355PU0490	●	355HPU0490	●
5.00	+0.016/+0.004	6	35	44	82	355PU0500	●	355HPU0500	●
5.10	+0.016/+0.004	6	35	44	82	355PU0510	●	355HPU0510	●
5.20	+0.016/+0.004	6	35	44	82	355PU0520	●	355HPU0520	●
5.30	+0.016/+0.004	6	35	44	82	355PU0530	●	355HPU0530	●
5.40	+0.016/+0.004	6	35	44	82	355PU0540	●	355HPU0540	●
5.50	+0.016/+0.004	6	35	44	82	355PU0550	●	355HPU0550	●
5.55	+0.016/+0.004	6	35	44	82			355HPU0555	●
5.60	+0.016/+0.004	6	35	44	82	355PU0560	●	355HPU0560	●
5.70	+0.016/+0.004	6	35	44	82	355PU0570	●	355HPU0570	●
5.80	+0.016/+0.004	6	35	44	82	355PU0580	●	355HPU0580	●
5.90	+0.016/+0.004	6	35	44	82	355PU0590	●	355HPU0590	●
6.00	+0.016/+0.004	6	35	44	82	355PU0600	●	355HPU0600	●
6.10	+0.021/+0.006	8	43	53	91	355PU0610	●	355HPU0610	●
6.20	+0.021/+0.006	8	43	53	91	355PU0620	●	355HPU0620	●
6.30	+0.021/+0.006	8	43	53	91	355PU0630	●	355HPU0630	●
6.40	+0.021/+0.006	8	43	53	91	355PU0640	●	355HPU0640	●
6.50	+0.021/+0.006	8	43	53	91	355PU0650	●	355HPU0650	●

355PU-355HPU

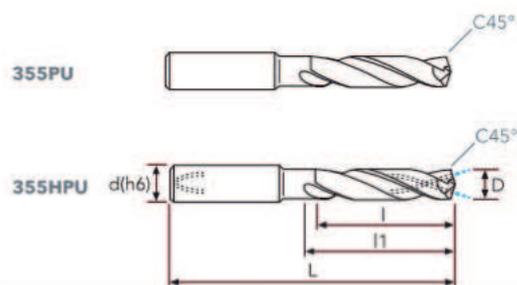
universal application, high productivity



P	M	K	N	S	H
★	★	★	☆		
★	★	★	☆	★	

355PU
355HPU

★ 1st choice ☆ suitable



D(m7)	D Tol.	d(h6)	l	l1	L	355PU		355HPU	
						EDP No.	Stock	EDP No.	Stock
6.60	+0.021/+0.006	8	43	53	91	355PU0660	●	355HPU0660	●
6.70	+0.021/+0.006	8	43	53	91	355PU0670	●	355HPU0670	●
6.80	+0.021/+0.006	8	43	53	91	355PU0680	●	355HPU0680	●
6.90	+0.021/+0.006	8	43	53	91	355PU0690	●	355HPU0690	●
7.00	+0.021/+0.006	8	43	53	91	355PU0700	●	355HPU0700	●
7.10	+0.021/+0.006	8	43	53	91	355PU0710	●	355HPU0710	●
7.20	+0.021/+0.006	8	43	53	91	355PU0720	●	355HPU0720	●
7.30	+0.021/+0.006	8	43	53	91	355PU0730	●	355HPU0730	●
7.40	+0.021/+0.006	8	43	53	91	355PU0740	●	355HPU0740	●
7.45	+0.021/+0.006	8	43	53	91			355HPU0745	●
7.50	+0.021/+0.006	8	43	53	91	355PU0750	●	355HPU0750	●
7.60	+0.021/+0.006	8	43	53	91	355PU0760	●	355HPU0760	●
7.70	+0.021/+0.006	8	43	53	91	355PU0770	●	355HPU0770	●
7.80	+0.021/+0.006	8	43	53	91	355PU0780	●	355HPU0780	●
7.90	+0.021/+0.006	8	43	53	91	355PU0790	●	355HPU0790	●
8.00	+0.021/+0.006	8	43	53	91	355PU0800	●	355HPU0800	●
8.10	+0.021/+0.006	10	49	61	103	355PU0810	●	355HPU0810	●
8.20	+0.021/+0.006	10	49	61	103	355PU0820	●	355HPU0820	●
8.30	+0.021/+0.006	10	49	61	103	355PU0830	●	355HPU0830	●
8.40	+0.021/+0.006	10	49	61	103	355PU0840	●	355HPU0840	●
8.50	+0.021/+0.006	10	49	61	103	355PU0850	●	355HPU0850	●
8.60	+0.021/+0.006	10	49	61	103	355PU0860	●	355HPU0860	●
8.70	+0.021/+0.006	10	49	61	103	355PU0870	●	355HPU0870	●
8.80	+0.021/+0.006	10	49	61	103	355PU0880	●	355HPU0880	●
8.90	+0.021/+0.006	10	49	61	103	355PU0890	●	355HPU0890	●
9.00	+0.021/+0.006	10	49	61	103	355PU0900	●	355HPU0900	●
9.10	+0.021/+0.006	10	49	61	103	355PU0910	●	355HPU0910	●
9.20	+0.021/+0.006	10	49	61	103	355PU0920	●	355HPU0920	●
9.25	+0.021/+0.006	10	49	61	103			355HPU0925	●
9.30	+0.021/+0.006	10	49	61	103	355PU0930	●	355HPU0930	●
9.35	+0.021/+0.006	10	49	61	103			355HPU0935	●
9.40	+0.021/+0.006	10	49	61	103	355PU0940	●	355HPU0940	●
9.45	+0.021/+0.006	10	49	61	103			355HPU0945	●
9.50	+0.021/+0.006	10	49	61	103	355PU0950	●	355HPU0950	●
9.60	+0.021/+0.006	10	49	61	103	355PU0960	●	355HPU0960	●
9.70	+0.021/+0.006	10	49	61	103	355PU0970	●	355HPU0970	●
9.80	+0.021/+0.006	10	49	61	103	355PU0980	●	355HPU0980	●
9.90	+0.021/+0.006	10	49	61	103	355PU0990	●	355HPU0990	●
10.00	+0.021/+0.006	10	49	61	103	355PU1000	●	355HPU1000	●

355PU-355HPU

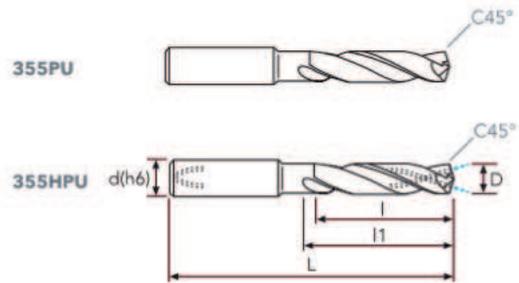
universal application, high productivity



P	M	K	N	S	H
★	★	★	☆		
★	★	★	☆	★	

355PU
355HPU

★ 1st choice ☆ suitable



D(m7)	D ToL	d(h6)	l	l1	L	355PU		355HPU	
						EDP No.	Stock	EDP No.	Stock
10.10	+0.025/+0.007	12	57	71	118	355PU1010	●	355HPU1010	●
10.20	+0.025/+0.007	12	57	71	118	355PU1020	●	355HPU1020	●
10.30	+0.025/+0.007	12	57	71	118	355PU1030	●	355HPU1030	●
10.40	+0.025/+0.007	12	57	71	118	355PU1040	●	355HPU1040	●
10.50	+0.025/+0.007	12	57	71	118	355PU1050	●	355HPU1050	●
10.60	+0.025/+0.007	12	57	71	118	355PU1060	●	355HPU1060	●
10.70	+0.025/+0.007	12	57	71	118	355PU1070	●	355HPU1070	●
10.80	+0.025/+0.007	12	57	71	118	355PU1080	●	355HPU1080	●
10.90	+0.025/+0.007	12	57	71	118	355PU1090	●	355HPU1090	●
11.00	+0.025/+0.007	12	57	71	118	355PU1100	●	355HPU1100	●
11.10	+0.025/+0.007	12	57	71	118	355PU1110	●	355HPU1110	●
11.20	+0.025/+0.007	12	57	71	118	355PU1120	●	355HPU1120	●
11.25	+0.025/+0.007	12	57	71	118			355HPU1125	●
11.30	+0.025/+0.007	12	57	71	118	355PU1130	●	355HPU1130	●
11.40	+0.025/+0.007	12	57	71	118	355PU1140	●	355HPU1140	●
11.50	+0.025/+0.007	12	57	71	118	355PU1150	●	355HPU1150	●
11.60	+0.025/+0.007	12	57	71	118	355PU1160	●	355HPU1160	●
11.70	+0.025/+0.007	12	57	71	118	355PU1170	●	355HPU1170	●
11.80	+0.025/+0.007	12	57	71	118	355PU1180	●	355HPU1180	●
11.90	+0.025/+0.007	12	57	71	118	355PU1190	●	355HPU1190	●
12.00	+0.025/+0.007	12	57	71	118	355PU1200	●	355HPU1200	●
12.10	+0.025/+0.007	14	63	77	124	355PU1210	●	355HPU1210	●
12.20	+0.025/+0.007	14	63	77	124	355PU1220	●	355HPU1220	●
12.30	+0.025/+0.007	14	63	77	124			355HPU1230	●
12.40	+0.025/+0.007	14	63	77	124			355HPU1240	●
12.50	+0.025/+0.007	14	63	77	124	355PU1250	●	355HPU1250	●
12.60	+0.025/+0.007	14	63	77	124			355HPU1260	●
12.70	+0.025/+0.007	14	63	77	124	355PU1270	●	355HPU1270	●
12.80	+0.025/+0.007	14	63	77	124	355PU1280	●	355HPU1280	●
12.90	+0.025/+0.007	14	63	77	124			355HPU1290	●
13.00	+0.025/+0.007	14	63	77	124	355PU1300	●	355HPU1300	●
13.10	+0.025/+0.007	14	63	77	124	355PU1310	●	355HPU1310	●
13.20	+0.025/+0.007	14	63	77	124	355PU1320	●	355HPU1320	●
13.30	+0.025/+0.007	14	63	77	124	355PU1330	●	355HPU1330	●
13.40	+0.025/+0.007	14	63	77	124			355HPU1340	●
13.50	+0.025/+0.007	14	63	77	124	355PU1350	●	355HPU1350	●
13.60	+0.025/+0.007	14	63	77	124			355HPU1360	●
13.70	+0.025/+0.007	14	63	77	124	355PU1370	●	355HPU1370	●
13.80	+0.025/+0.007	14	63	77	124	355PU1380	●	355HPU1380	●

355PU-355HPU

universal application, high productivity



355PU

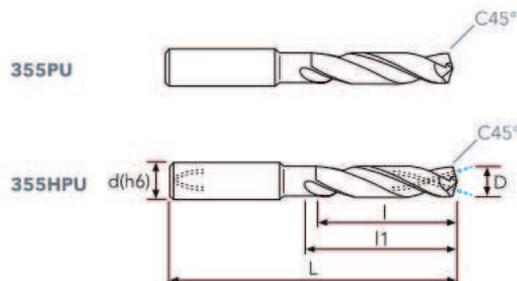


355HPU

P	M	K	N	S	H
★	★	★	☆		
★	★	★	☆	★	

355PU
355HPU

★ 1st choice ☆ suitable



D(m7)	D ToL	d(h6)	l	l1	L	355PU		355HPU	
						EDP No.	Stock	EDP No.	Stock
13.90	+0.025/+0.007	14	63	77	124			355HPU1390	●
14.00	+0.025/+0.007	14	63	77	124	355PU1400	●	355HPU1400	●
14.10	+0.025/+0.007	16	67	83	133			355HPU1410	●
14.20	+0.025/+0.007	16	67	83	133			355HPU1420	●
14.30	+0.025/+0.007	16	67	83	133			355HPU1430	●
14.40	+0.025/+0.007	16	67	83	133			355HPU1440	●
14.50	+0.025/+0.007	16	67	83	133	355PU1450	●	355HPU1450	●
14.60	+0.025/+0.007	16	67	83	133			355HPU1460	●
14.70	+0.025/+0.007	16	67	83	133			355HPU1470	●
14.80	+0.025/+0.007	16	67	83	133			355HPU1480	●
14.90	+0.025/+0.007	16	67	83	133			355HPU1490	●
15.00	+0.025/+0.007	16	67	83	133	355PU1500	●	355HPU1500	●
15.10	+0.025/+0.007	16	67	83	133			355HPU1510	●
15.20	+0.025/+0.007	16	67	83	133			355HPU1520	●
15.30	+0.025/+0.007	16	67	83	133	355PU1530	●	355HPU1530	●
15.40	+0.025/+0.007	16	67	83	133			355HPU1540	●
15.50	+0.025/+0.007	16	67	83	133	355PU1550	●	355HPU1550	●
15.60	+0.025/+0.007	16	67	83	133			355HPU1560	●
15.70	+0.025/+0.007	16	67	83	133			355HPU1570	●
15.80	+0.025/+0.007	16	67	83	133	355PU1580	●	355HPU1580	●
15.90	+0.025/+0.007	16	67	83	133			355HPU1590	●
16.00	+0.025/+0.007	16	67	83	133	355PU1600	●	355HPU1600	●
16.10	+0.025/+0.007	18	75	93	143			355HPU1610	●
16.20	+0.025/+0.007	18	75	93	143			355HPU1620	●
16.30	+0.025/+0.007	18	75	93	143			355HPU1630	●
16.40	+0.025/+0.007	18	75	93	143			355HPU1640	●
16.50	+0.025/+0.007	18	75	93	143	355PU1650	●	355HPU1650	●
16.60	+0.025/+0.007	18	75	93	143			355HPU1660	●
16.70	+0.025/+0.007	18	75	93	143			355HPU1670	●
16.80	+0.025/+0.007	18	75	93	143			355HPU1680	●
16.90	+0.025/+0.007	18	75	93	143			355HPU1690	●
17.00	+0.025/+0.007	18	75	93	143	355PU1700	●	355HPU1700	●
17.10	+0.025/+0.007	18	75	93	143			355HPU1710	●
17.20	+0.025/+0.007	18	75	93	143			355HPU1720	●
17.30	+0.025/+0.007	18	75	93	143			355HPU1730	●
17.40	+0.025/+0.007	18	75	93	143			355HPU1740	●
17.50	+0.025/+0.007	18	75	93	143	355PU1750	●	355HPU1750	●
17.60	+0.025/+0.007	18	75	93	143			355HPU1760	●
17.70	+0.025/+0.007	18	75	93	143			355HPU1770	●

355PU-355HPU

universal application, high productivity



355PU

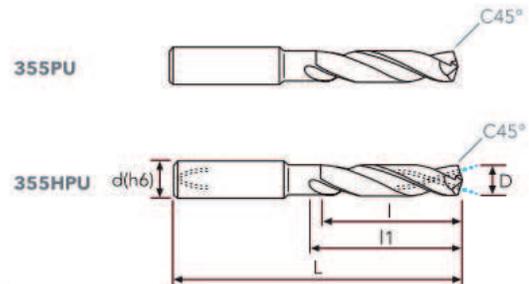


355HPU

P	M	K	N	S	H
★	★	★	☆		
★	★	★	☆	★	

355PU
355HPU

★ 1st choice ☆ suitable



D(m7)	D Tol.	d(h6)	l	l1	L	355PU		355HPU	
						EDP No.	Stock	EDP No.	Stock
17.80	+0.025/+0.007	18	75	93	143			355HPU1780	●
17.90	+0.025/+0.007	18	75	93	143			355HPU1790	●
18.00	+0.025/+0.007	18	75	93	143	355PU1800	●	355HPU1800	●
18.10	+0.029/+0.008	20	81	101	153			355HPU1810	●
18.20	+0.029/+0.008	20	81	101	153			355HPU1820	●
18.30	+0.029/+0.008	20	81	101	153			355HPU1830	●
18.40	+0.029/+0.008	20	81	101	153			355HPU1840	●
18.50	+0.029/+0.008	20	81	101	153	355PU1850	●	355HPU1850	●
18.60	+0.029/+0.008	20	81	101	153			355HPU1860	●
18.70	+0.029/+0.008	20	81	101	153			355HPU1870	●
18.80	+0.029/+0.008	20	81	101	153			355HPU1880	●
18.90	+0.029/+0.008	20	81	101	153			355HPU1890	●
19.00	+0.029/+0.008	20	81	101	153	355PU1900	●	355HPU1900	●
19.10	+0.029/+0.008	20	81	101	153			355HPU1910	●
19.20	+0.029/+0.008	20	81	101	153			355HPU1920	●
19.30	+0.029/+0.008	20	81	101	153			355HPU1930	●
19.40	+0.029/+0.008	20	81	101	153			355HPU1940	●
19.50	+0.029/+0.008	20	81	101	153	355PU1950	●	355HPU1950	●
19.60	+0.029/+0.008	20	81	101	153			355HPU1960	●
19.70	+0.029/+0.008	20	81	101	153			355HPU1970	●
19.80	+0.029/+0.008	20	81	101	153			355HPU1980	●
19.90	+0.029/+0.008	20	81	101	153			355HPU1990	●
20.00	+0.029/+0.008	20	81	101	153	355PU2000	●	355HPU2000	●

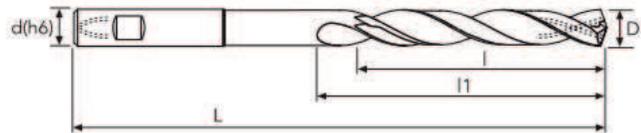
358HGA

General application, Weldon shank



P	M	K	N	S	H
★	★	★			

★ 1st choice ☆ suitable



D(m7)	D Tol.	d(h6)	l	l1	L	EDP No.	Stock
3.0	+0.012/+0.002	6	29	34	72	358HGA0300	●
3.1	+0.016/+0.004	6	29	34	72	358HGA0310	●
3.2	+0.016/+0.004	6	29	34	72	358HGA0320	●
3.3	+0.016/+0.004	6	29	34	72	358HGA0330	●
3.4	+0.016/+0.004	6	29	34	72	358HGA0340	●
3.5	+0.016/+0.004	6	29	34	72	358HGA0350	●
3.6	+0.016/+0.004	6	29	34	72	358HGA0360	●
3.7	+0.016/+0.004	6	29	34	72	358HGA0370	●
3.8	+0.016/+0.004	6	36	43	81	358HGA0380	●
3.9	+0.016/+0.004	6	36	43	81	358HGA0390	●
4.0	+0.016/+0.004	6	36	43	81	358HGA0400	●
4.1	+0.016/+0.004	6	36	43	81	358HGA0410	●
4.2	+0.016/+0.004	6	36	43	81	358HGA0420	●
4.3	+0.016/+0.004	6	36	43	81	358HGA0430	●
4.4	+0.016/+0.004	6	36	43	81	358HGA0440	○
4.5	+0.016/+0.004	6	36	43	81	358HGA0450	●
4.6	+0.016/+0.004	6	36	43	81	358HGA0460	●
4.7	+0.016/+0.004	6	36	43	81	358HGA0470	●
4.8	+0.016/+0.004	6	48	57	95	358HGA0480	●
4.9	+0.016/+0.004	6	48	57	95	358HGA0490	●
5.0	+0.016/+0.004	6	48	57	95	358HGA0500	●
5.1	+0.016/+0.004	6	48	57	95	358HGA0510	●
5.2	+0.016/+0.004	6	48	57	95	358HGA0520	●
5.3	+0.016/+0.004	6	48	57	95	358HGA0530	●
5.4	+0.016/+0.004	6	48	57	95	358HGA0540	○
5.5	+0.016/+0.004	6	48	57	95	358HGA0550	●
5.6	+0.016/+0.004	6	48	57	95	358HGA0560	●
5.7	+0.016/+0.004	6	48	57	95	358HGA0570	●
5.8	+0.016/+0.004	6	48	57	95	358HGA0580	●
5.9	+0.016/+0.004	6	48	57	95	358HGA0590	●
6.0	+0.016/+0.004	6	48	57	95	358HGA0600	●
6.1	+0.021/+0.006	8	64	76	114	358HGA0610	●
6.2	+0.021/+0.006	8	64	76	114	358HGA0620	●
6.3	+0.021/+0.006	8	64	76	114	358HGA0630	●
6.4	+0.021/+0.006	8	64	76	114	358HGA0640	●
6.5	+0.021/+0.006	8	64	76	114	358HGA0650	●
6.6	+0.021/+0.006	8	64	76	114	358HGA0660	●
6.7	+0.021/+0.006	8	64	76	114	358HGA0670	●
6.8	+0.021/+0.006	8	64	76	114	358HGA0680	●

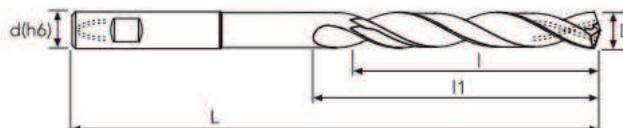
358HGA

General application, Weldon shank



P	M	K	N	S	H
★	★	★			

★ 1st choice ☆ suitable



D(m7)	D Tol.	d(h6)	l	l1	L	EDP No.	Stock
6.9	+0.021/+0.006	8	64	76	114	358HGA0690	●
7.0	+0.021/+0.006	8	64	76	114	358HGA0700	●
7.1	+0.021/+0.006	8	64	76	114	358HGA0710	●
7.2	+0.021/+0.006	8	64	76	114	358HGA0720	●
7.3	+0.021/+0.006	8	64	76	114	358HGA0730	●
7.4	+0.021/+0.006	8	64	76	114	358HGA0740	●
7.5	+0.021/+0.006	8	64	76	114	358HGA0750	●
7.6	+0.021/+0.006	8	64	76	114	358HGA0760	●
7.7	+0.021/+0.006	8	64	76	114	358HGA0770	○
7.8	+0.021/+0.006	8	64	76	114	358HGA0780	●
7.9	+0.021/+0.006	8	64	76	114	358HGA0790	○
8.0	+0.021/+0.006	8	64	76	114	358HGA0800	●
8.1	+0.021/+0.006	10	80	95	142	358HGA0810	●
8.2	+0.021/+0.006	10	80	95	142	358HGA0820	●
8.3	+0.021/+0.006	10	80	95	142	358HGA0830	●
8.4	+0.021/+0.006	10	80	95	142	358HGA0840	○
8.5	+0.021/+0.006	10	80	95	142	358HGA0850	●
8.6	+0.021/+0.006	10	80	95	142	358HGA0860	●
8.7	+0.021/+0.006	10	80	95	142	358HGA0870	●
8.8	+0.021/+0.006	10	80	95	142	358HGA0880	●
8.9	+0.021/+0.006	10	80	95	142	358HGA0890	○
9.0	+0.021/+0.006	10	80	95	142	358HGA0900	●
9.1	+0.021/+0.006	10	80	95	142	358HGA0910	●
9.2	+0.021/+0.006	10	80	95	142	358HGA0920	●
9.3	+0.021/+0.006	10	80	95	142	358HGA0930	●
9.4	+0.021/+0.006	10	80	95	142	358HGA0940	○
9.5	+0.021/+0.006	10	80	95	142	358HGA0950	●
9.6	+0.021/+0.006	10	80	95	142	358HGA0960	○
9.7	+0.021/+0.006	10	80	95	142	358HGA0970	○
9.8	+0.021/+0.006	10	80	95	142	358HGA0980	●
9.9	+0.021/+0.006	10	80	95	142	358HGA0990	○
10.0	+0.021/+0.006	10	80	95	142	358HGA1000	●
10.1	+0.025/+0.007	12	96	114	162	358HGA1010	○
10.2	+0.025/+0.007	12	96	114	162	358HGA1020	●
10.3	+0.025/+0.007	12	96	114	162	358HGA1030	○
10.4	+0.025/+0.007	12	96	114	162	358HGA1040	○
10.5	+0.025/+0.007	12	96	114	162	358HGA1050	●
10.6	+0.025/+0.007	12	96	114	162	358HGA1060	○
10.7	+0.025/+0.007	12	96	114	162	358HGA1070	○

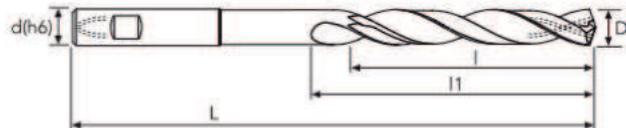
358HGA

General application, Weldon shank



P	M	K	N	S	H
★	★	★			

★ 1st choice ☆ suitable



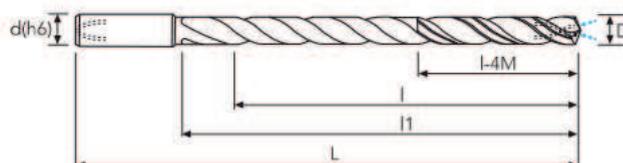
D(m7)	D Tol.	d(h6)	l	l1	L	EDP No.	Stock
10.8	+0.025/+0.007	12	96	114	162	358HGA1080	●
10.9	+0.025/+0.007	12	96	114	162	358HGA1090	○
11.0	+0.025/+0.007	12	96	114	162	358HGA1100	●
11.1	+0.025/+0.007	12	96	114	162	358HGA1110	○
11.2	+0.025/+0.007	12	96	114	162	358HGA1120	●
11.3	+0.025/+0.007	12	96	114	162	358HGA1130	○
11.4	+0.025/+0.007	12	96	114	162	358HGA1140	○
11.5	+0.025/+0.007	12	96	114	162	358HGA1150	●
11.6	+0.025/+0.007	12	96	114	162	358HGA1160	○
11.7	+0.025/+0.007	12	96	114	162	358HGA1170	○
11.8	+0.025/+0.007	12	96	114	162	358HGA1180	●
11.9	+0.025/+0.007	12	96	114	162	358HGA1190	○
12.0	+0.025/+0.007	12	96	114	162	358HGA1200	●
12.2	+0.025/+0.007	14	112	133	182	358HGA1220	●
12.5	+0.025/+0.007	14	112	133	182	358HGA1250	●
12.8	+0.025/+0.007	14	112	133	182	358HGA1280	●
13.0	+0.025/+0.007	14	112	133	182	358HGA1300	●
13.2	+0.025/+0.007	14	112	133	182	358HGA1320	●
13.5	+0.025/+0.007	14	112	133	182	358HGA1350	●
13.8	+0.025/+0.007	14	112	133	182	358HGA1380	○
14.0	+0.025/+0.007	14	112	133	182	358HGA1400	●
14.2	+0.025/+0.007	16	128	152	203	358HGA1420	●
14.5	+0.025/+0.007	16	128	152	203	358HGA1450	●
14.8	+0.025/+0.007	16	128	152	203	358HGA1480	○
15.0	+0.025/+0.007	16	128	152	203	358HGA1500	●
15.5	+0.025/+0.007	16	128	152	203	358HGA1550	●
15.8	+0.025/+0.007	16	128	152	203	358HGA1580	○
16.0	+0.025/+0.007	16	128	152	203	358HGA1600	●
16.5	+0.025/+0.007	18	144	171	222	358HGA1650	●
16.8	+0.025/+0.007	18	144	171	222	358HGA1680	○
17.0	+0.025/+0.007	18	144	171	222	358HGA1700	●
17.5	+0.025/+0.007	18	144	171	222	358HGA1750	●
17.8	+0.025/+0.007	18	144	171	222	358HGA1780	○
18.0	+0.025/+0.007	18	144	171	222	358HGA1800	●
18.5	+0.029/+0.008	20	160	190	243	358HGA1850	●
18.8	+0.029/+0.008	20	160	190	243	358HGA1880	○
19.0	+0.029/+0.008	20	160	190	243	358HGA1900	●
19.5	+0.029/+0.008	20	160	190	243	358HGA1950	●
19.8	+0.029/+0.008	20	160	190	243	358HGA1980	○
20.0	+0.029/+0.008	20	160	190	243	358HGA2000	●

3512HL

4-margin lands, polished flutes



★ 1st choice ☆ suitable



D(h7)	D Tol.	d(h6)	l	l1	L	l-4M	drilling length	EDP No.	Stock
3.10*	0/-0.012	4	45	50	85	15.5	12 x D	3512HL0310N	●
3.20	0/-0.012	4	45	50	85	16	12 x D	3512HL0320N	●
3.30	0/-0.012	4	45	50	85	16.5	12 x D	3512HL0330N	●
3.40	0/-0.012	4	48	54	90	17	12 x D	3512HL0340N	●
3.50	0/-0.012	4	48	54	90	17.5	12 x D	3512HL0350N	●
3.60	0/-0.012	4	48	54	90	18	12 x D	3512HL0360N	●
3.70	0/-0.012	4	48	54	90	18.5	12 x D	3512HL0370N	●
3.80	0/-0.012	4	57	64	100	19	12 x D	3512HL0380N	●
3.90	0/-0.012	4	57	64	100	19.5	12 x D	3512HL0390N	●
4.00	0/-0.012	4	57	64	100	20	12 x D	3512HL0400N	●
4.10	0/-0.012	5	57	64	100	20.5	12 x D	3512HL0410N	●
4.20	0/-0.012	5	57	64	100	21	12 x D	3512HL0420N	●
4.30	0/-0.012	5	57	64	100	21.5	12 x D	3512HL0430N	●
4.40	0/-0.012	5	57	64	100	22	12 x D	3512HL0440N	●
4.50	0/-0.012	5	57	64	100	22.5	12 x D	3512HL0450N	●
4.60	0/-0.012	5	57	64	100	23	12 x D	3512HL0460N	●
4.70	0/-0.012	5	57	64	100	23.5	12 x D	3512HL0470N	●
4.80	0/-0.012	5	67	74	110	24	12 x D	3512HL0480N	●
4.90	0/-0.012	5	72	81	120	24.5	12 x D	3512HL0490N	●
5.00	0/-0.012	5	72	81	120	25	12 x D	3512HL0500N	●
5.10	0/-0.012	6	72	81	120	25.5	12 x D	3512HL0510N	●
5.20	0/-0.012	6	72	81	120	26	12 x D	3512HL0520N	●
5.30	0/-0.012	6	72	81	120	26.5	12 x D	3512HL0530N	●
5.40	0/-0.012	6	72	81	120	27	12 x D	3512HL0540N	●
5.50	0/-0.012	6	72	81	120	27.5	12 x D	3512HL0550N	●
5.60	0/-0.012	6	72	81	120	28	12 x D	3512HL0560N	●
5.70	0/-0.012	6	72	81	120	28.5	12 x D	3512HL0570N	●
5.80	0/-0.012	6	72	81	120	29	12 x D	3512HL0580N	●
5.90	0/-0.012	6	72	81	120	29.5	12 x D	3512HL0590N	●
6.00	0/-0.012	6	72	81	120	30	12 x D	3512HL0600N	●
6.10	0/-0.015	8	88	97	135	30.5	12 x D	3512HL0610N	●
6.20	0/-0.015	8	88	97	135	31	12 x D	3512HL0620N	●
6.30	0/-0.015	8	88	97	135	31.5	12 x D	3512HL0630N	●
6.40	0/-0.015	8	96	108	145	32	12 x D	3512HL0640N	●
6.50	0/-0.015	8	96	108	145	32.5	12 x D	3512HL0650N	●
6.60	0/-0.015	8	96	108	145	33	12 x D	3512HL0660N	●
6.70	0/-0.015	8	96	108	145	33.5	12 x D	3512HL0670N	●
6.80	0/-0.015	8	96	108	145	34	12 x D	3512HL0680N	●
6.90	0/-0.015	8	96	108	145	34.5	12 x D	3512HL0690N	●

* Ø1+Ø3 = 3512 SUH MINI page 140

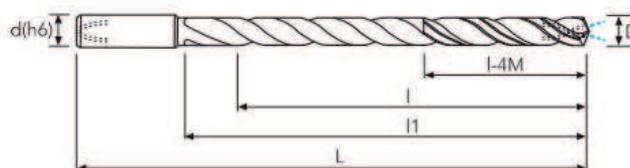
3512HL

4-margin lands, polished flutes



P	M	K	N	S	H
★	★	★	☆	☆	

★ 1st choice ☆ suitable



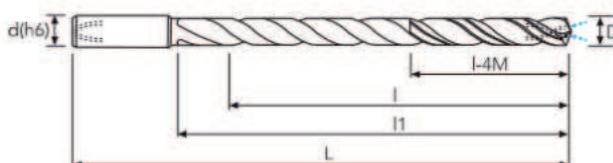
D(h7)	D ToI.	d(h6)	l	l1	L	I-4M	drilling length	EDP No.	Stock
7.00	0/-0.015	8	96	108	145	35	12 x D	3512HL0700N	●
7.10	0/-0.015	8	96	108	145	35.5	12 x D	3512HL0710N	○
7.20	0/-0.015	8	96	108	145	36	12 x D	3512HL0720N	●
7.30	0/-0.015	8	96	108	145	36.5	12 x D	3512HL0730N	○
7.40	0/-0.015	8	96	108	145	37	12 x D	3512HL0740N	●
7.50	0/-0.015	8	96	108	145	37.5	12 x D	3512HL0750N	●
7.60	0/-0.015	8	96	108	145	38	12 x D	3512HL0760N	○
7.70	0/-0.015	8	96	108	145	38.5	12 x D	3512HL0770N	○
7.80	0/-0.015	8	96	108	145	39	12 x D	3512HL0780N	●
7.90	0/-0.015	8	96	108	145	39.5	12 x D	3512HL0790N	○
8.00	0/-0.015	8	96	108	145	40	12 x D	3512HL0800N	●
8.10	0/-0.015	10	115	127	170	40.5	12 x D	3512HL0810N	●
8.20	0/-0.015	10	120	135	180	41	12 x D	3512HL0820N	●
8.30	0/-0.015	10	120	135	180	41.5	12 x D	3512HL0830N	●
8.40	0/-0.015	10	120	135	180	42	12 x D	3512HL0840N	○
8.50	0/-0.015	10	120	135	180	42.5	12 x D	3512HL0850N	●
8.60	0/-0.015	10	120	135	180	43	12 x D	3512HL0860N	●
8.70	0/-0.015	10	120	135	180	43.5	12 x D	3512HL0870N	●
8.80	0/-0.015	10	120	135	180	44	12 x D	3512HL0880N	●
8.90	0/-0.015	10	120	135	180	44.5	12 x D	3512HL0890N	○
9.00	0/-0.015	10	120	135	180	45	12 x D	3512HL0900N	●
9.10	0/-0.015	10	120	135	180	45.5	12 x D	3512HL0910N	●
9.20	0/-0.015	10	120	135	180	46	12 x D	3512HL0920N	●
9.30	0/-0.015	10	120	135	180	46.5	12 x D	3512HL0930N	●
9.40	0/-0.015	10	120	135	180	47	12 x D	3512HL0940N	○
9.50	0/-0.015	10	120	135	180	47.5	12 x D	3512HL0950N	●
9.60	0/-0.015	10	120	135	180	48	12 x D	3512HL0960N	○
9.70	0/-0.015	10	120	135	180	48.5	12 x D	3512HL0970N	○
9.80	0/-0.015	10	120	135	180	49	12 x D	3512HL0980N	●
9.90	0/-0.015	10	120	135	180	49.5	12 x D	3512HL0990N	○
10.00	0/-0.015	10	120	135	180	50	12 x D	3512HL1000N	●

3515HL

4-margin lands, polished flutes



★ 1st choice ☆ suitable



D(h7)	D Tol.	d(h6)	l	l1	L	l-4M	drilling length	EDP No.	Stock
3.10	0/-0.012	4	50	55	90	15.5	15 x D	3515HL0310N	○
3.20	0/-0.012	4	50	55	90	16	15 x D	3515HL0320N	○
3.30	0/-0.012	4	52	56	90	16.5	15 x D	3515HL0330N	○
3.40	0/-0.012	4	53	58	95	17	15 x D	3515HL0340N	○
3.50	0/-0.012	4	55	60	95	17.5	15 x D	3515HL0350N	●
3.60	0/-0.012	4	56	61	95	18	15 x D	3515HL0360N	○
3.70	0/-0.012	4	58	63	100	18.5	15 x D	3515HL0370N	○
3.80	0/-0.012	4	60	65	100	19	15 x D	3515HL0380N	○
3.90	0/-0.012	4	60	66	100	19.5	15 x D	3515HL0390N	○
4.00	0/-0.012	4	62	68	105	20	15 x D	3515HL0400N	●
4.10	0/-0.012	5	64	70	105	20.5	15 x D	3515HL0410N	○
4.20	0/-0.012	5	65	71	110	21	15 x D	3515HL0420N	○
4.30	0/-0.012	5	67	73	110	21.5	15 x D	3515HL0430N	●
4.40	0/-0.012	5	68	75	110	22	15 x D	3515HL0440N	○
4.50	0/-0.012	5	70	76	115	22.5	15 x D	3515HL0450N	●
4.60	0/-0.012	5	71	78	115	23	15 x D	3515HL0460N	○
4.70	0/-0.012	5	73	80	115	23.5	15 x D	3515HL0470N	○
4.80	0/-0.012	5	75	82	115	24	15 x D	3515HL0480N	○
4.90	0/-0.012	5	76	83	120	24.5	15 x D	3515HL0490N	○
5.00	0/-0.012	5	77	85	120	25	15 x D	3515HL0500N	●
5.10	0/-0.012	6	79	86	125	25.5	15 x D	3515HL0510N	○
5.20	0/-0.012	6	80	88	125	26	15 x D	3515HL0520N	○
5.30	0/-0.012	6	82	89	130	26.5	15 x D	3515HL0530N	○
5.40	0/-0.012	6	83	91	130	27	15 x D	3515HL0540N	○
5.50	0/-0.012	6	85	93	130	27.5	15 x D	3515HL0550N	●
5.60	0/-0.012	6	86	94	135	28	15 x D	3515HL0560N	○
5.70	0/-0.012	6	88	96	135	28.5	15 x D	3515HL0570N	○
5.80	0/-0.012	6	89	98	135	29	15 x D	3515HL0580N	○
5.90	0/-0.012	6	91	99	140	29.5	15 x D	3515HL0590N	○
6.00	0/-0.012	6	92	101	140	30	15 x D	3515HL0600N	●
6.10	0/-0.015	8	94	103	140	30.5	15 x D	3515HL0610N	○
6.20	0/-0.015	8	95	104	140	31	15 x D	3515HL0620N	○
6.30	0/-0.015	8	98	108	145	31.5	15 x D	3515HL0630N	○
6.40	0/-0.015	8	100	110	145	32	15 x D	3515HL0640N	○
6.50	0/-0.015	8	100	110	150	32.5	15 x D	3515HL0650N	●
6.60	0/-0.015	8	101	111	150	33	15 x D	3515HL0660N	○
6.70	0/-0.015	8	103	113	150	33.5	15 x D	3515HL0670N	○
6.80	0/-0.015	8	104	114	155	34	15 x D	3515HL0680N	○
6.90	0/-0.015	8	106	116	155	34.5	15 x D	3515HL0690N	○

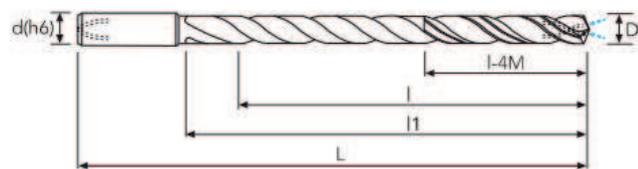
3515HL

4-margin lands, polished flutes



P	M	K	N	S	H
★	★	★	☆	☆	

★ 1st choice ☆ suitable



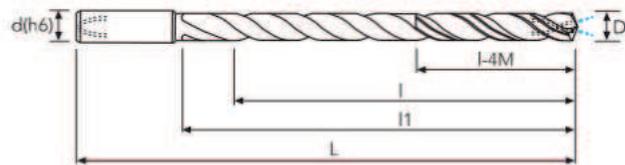
D(h7)	D Tol.	d(h6)	I	I1	L	I-4M	drilling length	EDP No.	Stock
7.00	0/-0.015	8	107	118	160	35	15 x D	3515HL0700N	●
7.10	0/-0.015	8	109	119	160	35.5	15 x D	3515HL0710N	○
7.20	0/-0.015	8	110	121	160	36	15 x D	3515HL0720N	○
7.30	0/-0.015	8	112	122	165	36.5	15 x D	3515HL0730N	○
7.40	0/-0.015	8	113	124	165	37	15 x D	3515HL0740N	○
7.50	0/-0.015	8	115	126	165	37.5	15 x D	3515HL0750N	●
7.60	0/-0.015	8	116	127	170	38	15 x D	3515HL0760N	○
7.70	0/-0.015	8	118	129	170	38.5	15 x D	3515HL0770N	○
7.80	0/-0.015	8	119	131	170	39	15 x D	3515HL0780N	○
7.90	0/-0.015	8	121	132	175	39.5	15 x D	3515HL0790N	○
8.00	0/-0.015	8	122	134	175	40	15 x D	3515HL0800N	●
8.10	0/-0.015	10	125	137	180	40.5	15 x D	3515HL0810N	○
8.20	0/-0.015	10	125	137	180	41	15 x D	3515HL0820N	○
8.30	0/-0.015	10	127	139	180	41.5	15 x D	3515HL0830N	○
8.40	0/-0.015	10	128	141	185	42	15 x D	3515HL0840N	○
8.50	0/-0.015	10	130	142	185	42.5	15 x D	3515HL0850N	●
8.60	0/-0.015	10	131	144	185	43	15 x D	3515HL0860N	○
8.70	0/-0.015	10	133	146	190	43.5	15 x D	3515HL0870N	○
8.80	0/-0.015	10	134	147	190	44	15 x D	3515HL0880N	○
8.90	0/-0.015	10	136	149	190	44.5	15 x D	3515HL0890N	○
9.00	0/-0.015	10	137	151	195	45	15 x D	3515HL0900N	●
9.10	0/-0.015	10	139	152	195	45.5	15 x D	3515HL0910N	○
9.20	0/-0.015	10	140	154	195	46	15 x D	3515HL0920N	○
9.30	0/-0.015	10	142	155	200	46.5	15 x D	3515HL0930N	○
9.40	0/-0.015	10	143	157	200	47	15 x D	3515HL0940N	○
9.50	0/-0.015	10	145	159	200	47.5	15 x D	3515HL0950N	●
9.60	0/-0.015	10	146	160	205	48	15 x D	3515HL0960N	○
9.70	0/-0.015	10	148	162	205	48.5	15 x D	3515HL0970N	○
9.80	0/-0.015	10	149	164	205	49	15 x D	3515HL0980N	○
9.90	0/-0.015	10	151	165	210	49.5	15 x D	3515HL0990N	○
10.00	0/-0.015	10	152	167	210	50	15 x D	3515HL1000N	●

3520HL

4-margin lands, polished flutes



★ 1st choice ☆ suitable



D(h7)	D Tol.	d(h6)	l	l1	L	l-4M	drilling length	EDP No.	Stock
3.10*	0/-0.012	4	64	69	105	15.5	20 x D	3520HL0310N	○
3.20	0/-0.012	4	66	71	105	16	20 x D	3520HL0320N	●
3.30	0/-0.012	4	68	73	110	16.5	20 x D	3520HL0330N	●
3.40	0/-0.012	4	70	75	110	17	20 x D	3520HL0340N	○
3.50	0/-0.012	4	72	77	110	17.5	20 x D	3520HL0350N	●
3.60	0/-0.012	4	74	79	115	18	20 x D	3520HL0360N	○
3.70	0/-0.012	4	76	82	115	18.5	20 x D	3520HL0370N	○
3.80	0/-0.012	4	78	84	120	19	20 x D	3520HL0380N	○
3.90	0/-0.012	4	80	86	120	19.5	20 x D	3520HL0390N	○
4.00	0/-0.012	4	82	88	125	20	20 x D	3520HL0400N	●
4.10	0/-0.012	5	84	90	125	20.5	20 x D	3520HL0410N	○
4.20	0/-0.012	5	86	92	130	21	20 x D	3520HL0420N	○
4.30	0/-0.012	5	88	94	130	21.5	20 x D	3520HL0430N	○
4.40	0/-0.012	5	90	97	135	22	20 x D	3520HL0440N	○
4.50	0/-0.012	5	92	99	135	22.5	20 x D	3520HL0450N	●
4.60	0/-0.012	5	94	101	140	23	20 x D	3520HL0460N	○
4.70	0/-0.012	5	96	103	140	23.5	20 x D	3520HL0470N	○
4.80	0/-0.012	5	98	105	140	24	20 x D	3520HL0480N	○
4.90	0/-0.012	5	100	107	145	24.5	20 x D	3520HL0490N	○
5.00	0/-0.012	5	102	110	145	25	20 x D	3520HL0500N	●
5.10	0/-0.012	6	104	112	150	25.5	20 x D	3520HL0510N	○
5.20	0/-0.012	6	106	114	155	26	20 x D	3520HL0520N	○
5.30	0/-0.012	6	108	116	155	26.5	20 x D	3520HL0530N	○
5.40	0/-0.012	6	110	118	155	27	20 x D	3520HL0540N	○
5.50	0/-0.012	6	112	120	160	27.5	20 x D	3520HL0550N	●
5.60	0/-0.012	6	114	122	160	28	20 x D	3520HL0560N	○
5.70	0/-0.012	6	116	125	165	28.5	20 x D	3520HL0570N	○
5.80	0/-0.012	6	118	127	165	29	20 x D	3520HL0580N	○
5.90	0/-0.012	6	120	129	170	29.5	20 x D	3520HL0590N	○
6.00	0/-0.012	6	122	131	170	30	20 x D	3520HL0600N	●
6.10	0/-0.015	8	124	133	170	30.5	20 x D	3520HL0610N	○
6.20	0/-0.015	8	126	135	175	31	20 x D	3520HL0620N	○
6.30	0/-0.015	8	128	137	175	31.5	20 x D	3520HL0630N	○
6.40	0/-0.015	8	130	140	180	32	20 x D	3520HL0640N	○
6.50	0/-0.015	8	132	142	180	32.5	20 x D	3520HL0650N	●
6.60	0/-0.015	8	134	144	185	33	20 x D	3520HL0660N	○
6.70	0/-0.015	8	136	146	185	33.5	20 x D	3520HL0670N	○
6.80	0/-0.015	8	138	148	185	34	20 x D	3520HL0680N	○
6.90	0/-0.015	8	140	150	190	34.5	20 x D	3520HL0690N	○

* Ø1+Ø3 = 3520 SUH MINI page 144

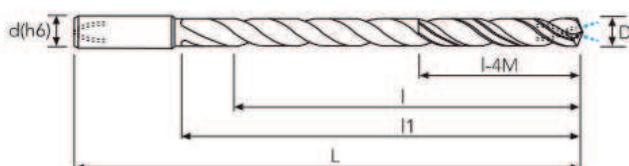
3520HL

4-margin lands, polished flutes



P	M	K	N	S	H
★	★	★	☆	☆	

★ 1st choice ☆ suitable



D(h7)	D Tol.	d(h6)	I	I1	L	I-4M	drilling length	EDP No.	Stock
7.00	0/-0.015	8	142	153	195	35	20 x D	3520HL0700N	●
7.10	0/-0.015	8	144	155	195	35.5	20 x D	3520HL0710N	○
7.20	0/-0.015	8	146	157	200	36	20 x D	3520HL0720N	○
7.30	0/-0.015	8	148	159	200	36.5	20 x D	3520HL0730N	○
7.40	0/-0.015	8	150	161	200	37	20 x D	3520HL0740N	○
7.50	0/-0.015	8	152	163	205	37.5	20 x D	3520HL0750N	●
7.60	0/-0.015	8	154	165	205	38	20 x D	3520HL0760N	○
7.70	0/-0.015	8	156	168	210	38.5	20 x D	3520HL0770N	○
7.80	0/-0.015	8	158	170	210	39	20 x D	3520HL0780N	○
7.90	0/-0.015	8	160	172	215	39.5	20 x D	3520HL0790N	○
8.00	0/-0.015	8	162	174	215	40	20 x D	3520HL0800N	●
8.10	0/-0.015	10	164	176	220	40.5	20 x D	3520HL0810N	○
8.20	0/-0.015	10	166	178	220	41	20 x D	3520HL0820N	○
8.30	0/-0.015	10	168	180	225	41.5	20 x D	3520HL0830N	○
8.40	0/-0.015	10	170	183	225	42	20 x D	3520HL0840N	○
8.50	0/-0.015	10	172	185	230	42.5	20 x D	3520HL0850N	●
8.60	0/-0.015	10	174	187	230	43	20 x D	3520HL0860N	○
8.70	0/-0.015	10	176	189	230	43.5	20 x D	3520HL0870N	○
8.80	0/-0.015	10	178	191	235	44	20 x D	3520HL0880N	○
8.90	0/-0.015	10	180	193	235	44.5	20 x D	3520HL0890N	○
9.00	0/-0.015	10	182	196	240	45	20 x D	3520HL0900N	●
9.10	0/-0.015	10	184	198	240	45.5	20 x D	3520HL0910N	○
9.20	0/-0.015	10	186	200	245	46	20 x D	3520HL0920N	○
9.30	0/-0.015	10	188	202	245	46.5	20 x D	3520HL0930N	○
9.40	0/-0.015	10	190	204	245	47	20 x D	3520HL0940N	○
9.50	0/-0.015	10	192	206	250	47.5	20 x D	3520HL0950N	●
9.60	0/-0.015	10	194	208	250	48	20 x D	3520HL0960N	○
9.70	0/-0.015	10	196	211	255	48.5	20 x D	3520HL0970N	○
9.80	0/-0.015	10	198	213	255	49	20 x D	3520HL0980N	○
9.90	0/-0.015	10	200	215	260	49.5	20 x D	3520HL0990N	○
10.00	0/-0.015	10	202	217	260	50	20 x D	3520HL1000N	●

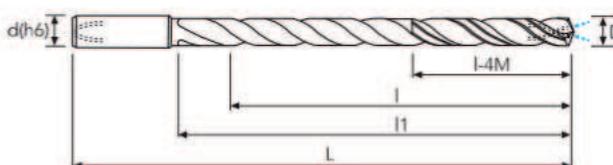
3525HL

4-margin lands, polished flutes



P	M	K	N	S	H
★	★	★	☆	☆	

★ 1st choice ☆ suitable



D(h7)	D Tol.	d(h6)	l	l1	L	l-4M	drilling length	EDP No.	Stock
3.10*	0/-0.012	4	79	83	120	15.5	25 x D	3525HL0310N	○
3.20	0/-0.012	4	81	86	120	16	25 x D	3525HL0320N	○
3.30	0/-0.012	4	84	88	125	16.5	25 x D	3525HL0330N	○
3.40	0/-0.012	4	86	91	125	17	25 x D	3525HL0340N	○
3.50	0/-0.012	4	89	94	130	17.5	25 x D	3525HL0350N	●
3.60	0/-0.012	4	91	96	130	18	25 x D	3525HL0360N	○
3.70	0/-0.012	4	94	99	135	18.5	25 x D	3525HL0370N	○
3.80	0/-0.012	4	96	102	135	19	25 x D	3525HL0380N	○
3.90	0/-0.012	4	99	104	140	19.5	25 x D	3525HL0390N	○
4.00	0/-0.012	4	101	107	140	20	25 x D	3525HL0400N	●
4.10	0/-0.012	5	104	110	145	20.5	25 x D	3525HL0410N	○
4.20	0/-0.012	5	106	112	150	21	25 x D	3525HL0420N	○
4.30	0/-0.012	5	109	115	150	21.5	25 x D	3525HL0430N	○
4.40	0/-0.012	5	111	118	155	22	25 x D	3525HL0440N	○
4.50	0/-0.012	5	114	120	155	22.5	25 x D	3525HL0450N	●
4.60	0/-0.012	5	116	123	160	23	25 x D	3525HL0460N	○
4.70	0/-0.012	5	119	126	165	23.5	25 x D	3525HL0470N	○
4.80	0/-0.012	5	121	128	165	24	25 x D	3525HL0480N	○
4.90	0/-0.012	5	124	131	170	24.5	25 x D	3525HL0490N	○
5.00	0/-0.012	5	126	134	170	25	25 x D	3525HL0500N	●
5.10	0/-0.012	6	129	136	175	25.5	25 x D	3525HL0510N	○
5.20	0/-0.012	6	131	139	180	26	25 x D	3525HL0520N	○
5.30	0/-0.012	6	134	141	180	26.5	25 x D	3525HL0530N	○
5.40	0/-0.012	6	136	144	185	27	25 x D	3525HL0540N	○
5.50	0/-0.012	6	139	147	185	27.5	25 x D	3525HL0550N	●
5.60	0/-0.012	6	141	149	190	28	25 x D	3525HL0560N	○
5.70	0/-0.012	6	144	152	190	28.5	25 x D	3525HL0570N	○
5.80	0/-0.012	6	146	155	195	29	25 x D	3525HL0580N	○
5.90	0/-0.012	6	149	157	195	29.5	25 x D	3525HL0590N	○
6.00	0/-0.012	6	151	160	200	30	25 x D	3525HL0600N	●
6.10	0/-0.015	8	154	163	200	30.5	25 x D	3525HL0610N	○
6.20	0/-0.015	8	156	165	205	31	25 x D	3525HL0620N	○
6.30	0/-0.015	8	159	168	205	31.5	25 x D	3525HL0630N	○
6.40	0/-0.015	8	161	171	210	32	25 x D	3525HL0640N	○
6.50	0/-0.015	8	164	173	210	32.5	25 x D	3525HL0650N	●
6.60	0/-0.015	8	166	176	215	33	25 x D	3525HL0660N	○
6.70	0/-0.015	8	169	179	220	33.5	25 x D	3525HL0670N	○
6.80	0/-0.015	8	171	181	220	34	25 x D	3525HL0680N	○
6.90	0/-0.015	8	174	184	225	34.5	25 x D	3525HL0690N	○

* Ø1+Ø3 = 3525 SUH MINI page 148

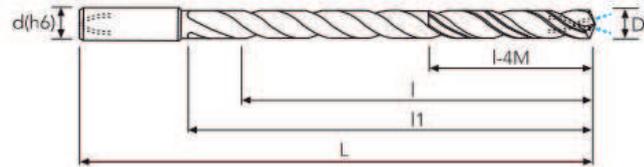
3530HL

4-margin lands, polished flutes



P	M	K	N	S	H
★	★	★	☆	☆	

★ 1st choice ☆ suitable



D(h7)	D Tol.	d(h6)	l	l1	L	l-4M	drilling length	EDP No.	Stock
3.10*	0/-0.012	4	94	99	135	15.5	30 x D	3530HL0310N	○
3.20	0/-0.012	4	97	102	135	16	30 x D	3530HL0320N	○
3.30	0/-0.012	4	100	105	140	16.5	30 x D	3530HL0330N	○
3.40	0/-0.012	4	103	108	145	17	30 x D	3530HL0340N	○
3.50	0/-0.012	4	106	111	145	17.5	30 x D	3530HL0350N	●
3.60	0/-0.012	4	109	114	150	18	30 x D	3530HL0360N	○
3.70	0/-0.012	4	112	118	155	18.5	30 x D	3530HL0370N	○
3.80	0/-0.012	4	115	121	155	19	30 x D	3530HL0380N	○
3.90	0/-0.012	4	118	124	160	19.5	30 x D	3530HL0390N	○
4.00	0/-0.012	4	121	127	160	20	30 x D	3530HL0400N	●
4.10	0/-0.012	5	124	130	165	20.5	30 x D	3530HL0410N	○
4.20	0/-0.012	5	127	133	170	21	30 x D	3530HL0420N	○
4.30	0/-0.012	5	130	136	175	21.5	30 x D	3530HL0430N	○
4.40	0/-0.012	5	133	140	175	22	30 x D	3530HL0440N	○
4.50	0/-0.012	5	136	143	180	22.5	30 x D	3530HL0450N	●
4.60	0/-0.012	5	139	146	185	23	30 x D	3530HL0460N	○
4.70	0/-0.012	5	142	149	185	23.5	30 x D	3530HL0470N	○
4.80	0/-0.012	5	145	152	190	24	30 x D	3530HL0480N	○
4.90	0/-0.012	5	148	155	190	24.5	30 x D	3530HL0490N	○
5.00	0/-0.012	5	151	159	195	25	30 x D	3530HL0500N	●
5.10	0/-0.012	6	154	162	200	25.5	30 x D	3530HL0510N	○
5.20	0/-0.012	6	157	165	205	26	30 x D	3530HL0520N	○
5.30	0/-0.012	6	160	168	205	26.5	30 x D	3530HL0530N	○
5.40	0/-0.012	6	163	171	210	27	30 x D	3530HL0540N	○
5.50	0/-0.012	6	166	174	215	27.5	30 x D	3530HL0550N	●
5.60	0/-0.012	6	169	177	215	28	30 x D	3530HL0560N	○
5.70	0/-0.012	6	172	181	220	28.5	30 x D	3530HL0570N	○
5.80	0/-0.012	6	175	184	225	29	30 x D	3530HL0580N	○
5.90	0/-0.012	6	178	187	225	29.5	30 x D	3530HL0590N	○
6.00	0/-0.012	6	181	190	230	30	30 x D	3530HL0600N	●
6.10	0/-0.015	8	184	193	230	30.5	30 x D	3530HL0610N	○
6.20	0/-0.015	8	187	196	235	31	30 x D	3530HL0620N	○
6.30	0/-0.015	8	190	199	240	31.5	30 x D	3530HL0630N	○
6.40	0/-0.015	8	193	203	240	32	30 x D	3530HL0640N	○
6.50	0/-0.015	8	196	206	245	32.5	30 x D	3530HL0650N	●
6.60	0/-0.015	8	199	209	250	33	30 x D	3530HL0660N	○
6.70	0/-0.015	8	202	212	250	33.5	30 x D	3530HL0670N	○
6.80	0/-0.015	8	205	215	255	34	30 x D	3530HL0680N	○
6.90	0/-0.015	8	208	218	255	34.5	30 x D	3530HL0690N	○

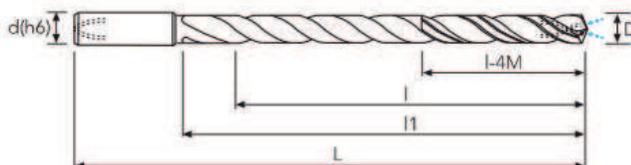
3530HL

4-margin lands, polished flutes



P	M	K	N	S	H
★	★	★	☆	☆	

★ 1st choice ☆ suitable



D(h7)	D Tol.	d(h6)	l	l1	L	l-4M	drilling length	EDP No.	Stock
7.00	0/-0.015	8	211	222	265	35	30 x D	3530HL0700N	●
7.10	0/-0.015	8	214	225	265	35.5	30 x D	3530HL0710N	○
7.20	0/-0.015	8	217	228	270	36	30 x D	3530HL0720N	○
7.30	0/-0.015	8	220	231	270	36.5	30 x D	3530HL0730N	○
7.40	0/-0.015	8	223	234	275	37	30 x D	3530HL0740N	○
7.50	0/-0.015	8	226	237	280	37.5	30 x D	3530HL0750N	●
7.60	0/-0.015	8	229	240	280	38	30 x D	3530HL0760N	○
7.70	0/-0.015	8	232	244	285	38.5	30 x D	3530HL0770N	○
7.80	0/-0.015	8	235	247	290	39	30 x D	3530HL0780N	○
7.90	0/-0.015	8	238	250	290	39.5	30 x D	3530HL0790N	○
8.00	0/-0.015	8	241	253	295	40	30 x D	3530HL0800N	●