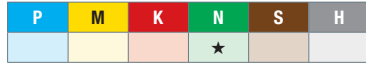


# 353ALH

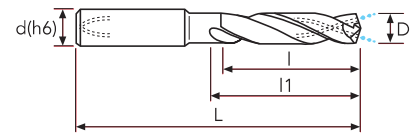
aluminium, polished flutes



INFO



★ 1st choice ☆ suitable



CARBIDE DRILLS

- PU-HPU
- TA-4HTA
- SUH
- ALH**
- HRC
- SUH-MINI
- HL
- HSD
- C-SD-TA

D(m7)	D Tol.	d(h6)	l	l1	L	EDP No.	Stock
3.00	+0.012/+0.002	6	14	20	62	353ALH0300	●
3.10	+0.016/+0.004	6	14	20	62	353ALH0310	●
3.20	+0.016/+0.004	6	14	20	62	353ALH0320	●
3.30	+0.016/+0.004	6	14	20	62	353ALH0330	●
3.40	+0.016/+0.004	6	14	20	62	353ALH0340	●
3.50	+0.016/+0.004	6	14	20	62	353ALH0350	●
3.60	+0.016/+0.004	6	14	20	62	353ALH0360	●
3.70	+0.016/+0.004	6	14	20	62	353ALH0370	●
3.80	+0.016/+0.004	6	17	24	66	353ALH0380	●
3.90	+0.016/+0.004	6	17	24	66	353ALH0390	●
4.00	+0.016/+0.004	6	17	24	66	353ALH0400	●
4.10	+0.016/+0.004	6	17	24	66	353ALH0410	●
4.20	+0.016/+0.004	6	17	24	66	353ALH0420	●
4.30	+0.016/+0.004	6	17	24	66	353ALH0430	●
4.40	+0.016/+0.004	6	17	24	66	353ALH0440	○
4.50	+0.016/+0.004	6	17	24	66	353ALH0450	●
4.60	+0.016/+0.004	6	17	24	66	353ALH0460	●
4.70	+0.016/+0.004	6	17	24	66	353ALH0470	●
4.80	+0.016/+0.004	6	20	28	66	353ALH0480	●
4.90	+0.016/+0.004	6	20	28	66	353ALH0490	○
5.00	+0.016/+0.004	6	20	28	66	353ALH0500	●
5.10	+0.016/+0.004	6	20	28	66	353ALH0510	●
5.20	+0.016/+0.004	6	20	28	66	353ALH0520	●
5.30	+0.016/+0.004	6	20	28	66	353ALH0530	●
5.40	+0.016/+0.004	6	20	28	66	353ALH0540	○
5.50	+0.016/+0.004	6	20	28	66	353ALH0550	●
5.60	+0.016/+0.004	6	20	28	66	353ALH0560	●
5.70	+0.016/+0.004	6	20	28	66	353ALH0570	●
5.80	+0.016/+0.004	6	20	28	66	353ALH0580	●
5.90	+0.016/+0.004	6	20	28	66	353ALH0590	○
6.00	+0.016/+0.004	6	20	28	66	353ALH0600	●
6.10	+0.021/+0.006	8	24	34	79	353ALH0610	●
6.20	+0.021/+0.006	8	24	34	79	353ALH0620	●
6.30	+0.021/+0.006	8	24	34	79	353ALH0630	●
6.40	+0.021/+0.006	8	24	34	79	353ALH0640	○
6.50	+0.021/+0.006	8	24	34	79	353ALH0650	●
6.60	+0.021/+0.006	8	24	34	79	353ALH0660	○
6.70	+0.021/+0.006	8	24	34	79	353ALH0670	●
6.80	+0.021/+0.006	8	24	34	79	353ALH0680	●

HSS DRILLS

- LFTA
- SUTA
- HSS-HSS/CO

CARBIDE END-MILLS

- G2
- MDTA
- HF VH/UP
- MEF
- ALU
- MEX/MH
- UH/MH

HSS END-MILLS

CARBIDE BURRS

● stock standard ○ non-standard stock ▽ stock exhaustion

INFO

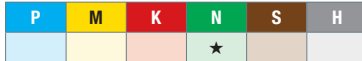
# 353ALH

aluminium, polished flutes

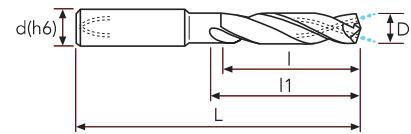


CARBIDE DRILLS

- PU-HPU
- TA-4HTA
- SUH
- ALH**
- HRC
- SUH MINI
- HL
- HSD
- C-SD-TA



★ 1st choice ☆ suitable



D(m7)	D Tol.	d(h6)	l	l1	L	EDP No.	Stock
6.90	+0.021/+0.006	8	24	34	79	353ALH0690	○
7.00	+0.021/+0.006	8	24	34	79	353ALH0700	●
7.10	+0.021/+0.006	8	29	41	79	353ALH0710	○
7.20	+0.021/+0.006	8	29	41	79	353ALH0720	●
7.30	+0.021/+0.006	8	29	41	79	353ALH0730	○
7.40	+0.021/+0.006	8	29	41	79	353ALH0740	○
7.50	+0.021/+0.006	8	29	41	79	353ALH0750	●
7.60	+0.021/+0.006	8	29	41	79	353ALH0760	○
7.70	+0.021/+0.006	8	29	41	79	353ALH0770	○
7.80	+0.021/+0.006	8	29	41	79	353ALH0780	●
7.90	+0.021/+0.006	8	29	41	79	353ALH0790	○
8.00	+0.021/+0.006	8	29	41	79	353ALH0800	●
8.10	+0.021/+0.006	10	35	47	89	353ALH0810	○
8.20	+0.021/+0.006	10	35	47	89	353ALH0820	●
8.30	+0.021/+0.006	10	35	47	89	353ALH0830	●
8.40	+0.021/+0.006	10	35	47	89	353ALH0840	○
8.50	+0.021/+0.006	10	35	47	89	353ALH0850	●
8.60	+0.021/+0.006	10	35	47	89	353ALH0860	●
8.70	+0.021/+0.006	10	35	47	89	353ALH0870	○
8.80	+0.021/+0.006	10	35	47	89	353ALH0880	●
8.90	+0.021/+0.006	10	35	47	89	353ALH0890	○
9.00	+0.021/+0.006	10	35	47	89	353ALH0900	●
9.10	+0.021/+0.006	10	35	47	89	353ALH0910	○
9.20	+0.021/+0.006	10	35	47	89	353ALH0920	○
9.30	+0.021/+0.006	10	35	47	89	353ALH0930	○
9.40	+0.021/+0.006	10	35	47	89	353ALH0940	○
9.50	+0.021/+0.006	10	35	47	89	353ALH0950	●
9.60	+0.021/+0.006	10	35	47	89	353ALH0960	○
9.70	+0.021/+0.006	10	35	47	89	353ALH0970	○
9.80	+0.021/+0.006	10	35	47	89	353ALH0980	○
9.90	+0.021/+0.006	10	35	47	89	353ALH0990	○
10.00	+0.021/+0.006	10	35	47	89	353ALH1000	●
10.20	+0.025/+0.007	12	40	55	102	353ALH1020	●
10.30	+0.025/+0.007	12	40	55	102	353ALH1030	●
10.50	+0.025/+0.007	12	40	55	102	353ALH1050	●
10.80	+0.025/+0.007	12	40	55	102	353ALH1080	○
11.00	+0.025/+0.007	12	40	55	102	353ALH1100	●
11.20	+0.025/+0.007	12	40	55	102	353ALH1120	○
11.30	+0.025/+0.007	12	40	55	102	353ALH1130	○

● stock standard ○ non-standard stock ▽ stock exhaustion

# 353ALH

aluminium, polished flutes



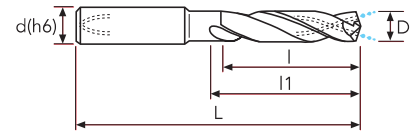
INFO



★ 1st choice ☆ suitable

CARBIDE DRILLS

PU-HPU  
TA-4HTA  
SUH  
**ALH**  
HRC  
SUH MINI  
HL  
HSD  
C-SD-TA



D(m7)	D Tol.	d(h6)	l	l1	L	EDP No.	Stock
<b>11.50</b>	+0.025/+0.007	12	40	55	102	353ALH1150	●
<b>11.80</b>	+0.025/+0.007	12	40	55	102	353ALH1180	○
<b>12.00</b>	+0.025/+0.007	12	40	55	102	353ALH1200	●
<b>12.20</b>	+0.025/+0.007	14	43	60	107	353ALH1220	○
<b>12.50</b>	+0.025/+0.007	14	43	60	107	353ALH1250	○
<b>12.80</b>	+0.025/+0.007	14	43	60	107	353ALH1280	○
<b>13.00</b>	+0.025/+0.007	14	43	60	107	353ALH1300	○
<b>13.50</b>	+0.025/+0.007	14	43	60	107	353ALH1350	○
<b>14.00</b>	+0.025/+0.007	14	43	60	107	353ALH1400	○
<b>14.50</b>	+0.025/+0.007	16	45	65	115	353ALH1450	○
<b>15.00</b>	+0.025/+0.007	16	65	65	115	353ALH1500	○
<b>15.50</b>	+0.025/+0.007	16	65	65	115	353ALH1550	○
<b>16.00</b>	+0.025/+0.007	16	65	65	115	353ALH1600	○
<b>16.50</b>	+0.025/+0.007	18	73	73	123	353ALH1650	○
<b>17.00</b>	+0.025/+0.007	18	73	73	123	353ALH1700	○
<b>17.50</b>	+0.025/+0.007	18	73	73	123	353ALH1750	○
<b>18.00</b>	+0.025/+0.007	18	73	73	123	353ALH1800	○
<b>18.50</b>	+0.029/+0.008	20	79	79	131	353ALH1850	○
<b>19.00</b>	+0.029/+0.008	20	79	79	131	353ALH1900	○
<b>19.50</b>	+0.029/+0.008	20	79	79	131	353ALH1950	○
<b>20.00</b>	+0.029/+0.008	20	79	79	131	353ALH2000	○

HSS DRILLS

LFTA  
SUTA  
HSS-HSS/CO

CARBIDE END-MILLS

G2  
MDTA  
HF VH/UP  
MEF  
ALU  
MEX/MH  
UH/MH

HSS END-MILLS

CARBIDE BURRS

● stock standard ○ non-standard stock ▽ stock exhaustion

INFO

# 353ALH

CARBIDE DRILLS

- PU-HPU
- TA-4HTA
- SUH
- ALH**
- HRC
- SUH MINI
- HL
- HSD
- C-SD-TA



Material Group ISO 513	N1	N2	N3 N4	N5		
Hardness/Rm						
Vc (m/min)	<b>260±300</b>	<b>230±270</b>	<b>200±240</b>	<b>280±320</b>		
D (mm)	fn (mm/rev)	fn (mm/rev)	fn (mm/rev)	fn (mm/rev)		
3	0.160	0.152	0.136	0.176		
4	0.190	0.181	0.162	0.209		
5	0.220	0.209	0.187	0.242		
6	0.250	0.238	0.213	0.275		
7	0.280	0.266	0.238	0.308		
8	0.310	0.295	0.264	0.341		
9	0.340	0.323	0.289	0.374		
10	0.370	0.352	0.315	0.407		
11	0.400	0.380	0.340	0.440		
12	0.430	0.409	0.366	0.473		
13	0.460	0.437	0.391	0.506		
14	0.490	0.466	0.417	0.539		
15	0.520	0.494	0.442	0.572		
16	0.550	0.523	0.468	0.605		
17	0.580	0.551	0.493	0.638		
18	0.610	0.580	0.519	0.671		
19	0.640	0.608	0.544	0.704		
20	0.670	0.637	0.570	0.737		

HSS DRILLS

- LFTA
- SUTA
- HSS-HSS/CO

CARBIDE END-MILLS

- G2
- MDTA
- HFVH/UP
- MEF
- ALU
- MEX/MH
- UH/MH

HSS END-MILLS

CARBIDE BURRS

# 355ALH

aluminium, polished flutes

5XD

DIN 6537L

ALH

MG POLISHED

130°

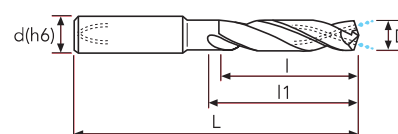
30°

INFO



P	M	K	N	S	H
			★		

★ 1st choice ☆ suitable



CARBIDE DRILLS

- PU-HPU
- TA-4HTA
- SUH
- ALH**
- HRC
- SUH-MINI
- HL
- HSD
- C-SD-TA

D(m7)	D Tol.	d(h6)	l	l1	L	EDP No.	Stock
3.00	+0.012/+0.002	6	23	28	66	355ALH0300	●
3.10	+0.016/+0.004	6	23	28	66	355ALH0310	○
3.20	+0.016/+0.004	6	23	28	66	355ALH0320	●
3.30	+0.016/+0.004	6	23	28	66	355ALH0330	●
3.40	+0.016/+0.004	6	23	28	66	355ALH0340	●
3.50	+0.016/+0.004	6	23	28	66	355ALH0350	●
3.60	+0.016/+0.004	6	23	28	66	355ALH0360	●
3.70	+0.016/+0.004	6	23	28	66	355ALH0370	●
3.80	+0.016/+0.004	6	29	36	74	355ALH0380	●
3.90	+0.016/+0.004	6	29	36	74	355ALH0390	○
4.00	+0.016/+0.004	6	29	36	74	355ALH0400	●
4.10	+0.016/+0.004	6	29	36	74	355ALH0410	○
4.20	+0.016/+0.004	6	29	36	74	355ALH0420	●
4.30	+0.016/+0.004	6	29	36	74	355ALH0430	●
4.40	+0.016/+0.004	6	29	36	74	355ALH0440	○
4.50	+0.016/+0.004	6	29	36	74	355ALH0450	●
4.60	+0.016/+0.004	6	29	36	74	355ALH0460	○
4.70	+0.016/+0.004	6	29	36	74	355ALH0470	○
4.80	+0.016/+0.004	6	35	44	82	355ALH0480	●
4.90	+0.016/+0.004	6	35	44	82	355ALH0490	○
5.00	+0.016/+0.004	6	35	44	82	355ALH0500	●
5.10	+0.016/+0.004	6	35	44	82	355ALH0510	●
5.20	+0.016/+0.004	6	35	44	82	355ALH0520	●
5.30	+0.016/+0.004	6	35	44	82	355ALH0530	○
5.40	+0.016/+0.004	6	35	44	82	355ALH0540	○
5.50	+0.016/+0.004	6	35	44	82	355ALH0550	●
5.60	+0.016/+0.004	6	35	44	82	355ALH0560	●
5.70	+0.016/+0.004	6	35	44	82	355ALH0570	○
5.80	+0.016/+0.004	6	35	44	82	355ALH0580	●
5.90	+0.016/+0.004	6	35	44	82	355ALH0590	○
6.00	+0.016/+0.004	6	35	44	82	355ALH0600	●
6.10	+0.021/+0.006	8	43	53	91	355ALH0610	○
6.20	+0.021/+0.006	8	43	53	91	355ALH0620	●
6.30	+0.021/+0.006	8	43	53	91	355ALH0630	○
6.40	+0.021/+0.006	8	43	53	91	355ALH0640	○
6.50	+0.021/+0.006	8	43	53	91	355ALH0650	●
6.60	+0.021/+0.006	8	43	53	91	355ALH0660	○
6.70	+0.021/+0.006	8	43	53	91	355ALH0670	●
6.80	+0.021/+0.006	8	43	53	91	355ALH0680	●

HSS DRILLS

- LFTA
- SUTA
- HSS-HSS/CO

CARBIDE END-MILLS

- G2
- MDTA
- HF VH/UP
- MEF
- ALU
- MEX/MH
- UH/MH

HSS END-MILLS

CARBIDE BURRS

● stock standard ○ non-standard stock ▽ stock exhaustion

INFO

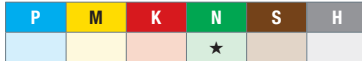
# 355ALH

aluminium, polished flutes

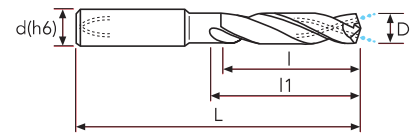


CARBIDE DRILLS

- PU-HPU
- TA-4HTA
- SUH
- ALH**
- HRC
- SUH MINI
- HL
- HSD
- C-SD-TA



★ 1st choice ☆ suitable



D(m7)	D Tol.	d(h6)	l	l1	L	EDP No.	Stock
6.90	+0.021/+0.006	8	43	53	91	355ALH0690	●
7.00	+0.021/+0.006	8	43	53	91	355ALH0700	●
7.10	+0.021/+0.006	8	43	53	91	355ALH0710	○
7.20	+0.021/+0.006	8	43	53	91	355ALH0720	●
7.30	+0.021/+0.006	8	43	53	91	355ALH0730	○
7.40	+0.021/+0.006	8	43	53	91	355ALH0740	○
7.50	+0.021/+0.006	8	43	53	91	355ALH0750	●
7.60	+0.021/+0.006	8	43	53	91	355ALH0760	○
7.70	+0.021/+0.006	8	43	53	91	355ALH0770	○
7.80	+0.021/+0.006	8	43	53	91	355ALH0780	●
7.90	+0.021/+0.006	8	43	53	91	355ALH0790	○
8.00	+0.021/+0.006	8	43	53	91	355ALH0800	●
8.10	+0.021/+0.006	10	49	61	103	355ALH0810	○
8.20	+0.021/+0.006	10	49	61	103	355ALH0820	●
8.30	+0.021/+0.006	10	49	61	103	355ALH0830	○
8.40	+0.021/+0.006	10	49	61	103	355ALH0840	○
8.50	+0.021/+0.006	10	49	61	103	355ALH0850	●
8.60	+0.021/+0.006	10	49	61	103	355ALH0860	○
8.70	+0.021/+0.006	10	49	61	103	355ALH0870	○
8.80	+0.021/+0.006	10	49	61	103	355ALH0880	●
8.90	+0.021/+0.006	10	49	61	103	355ALH0890	○
9.00	+0.021/+0.006	10	49	61	103	355ALH0900	●
9.10	+0.021/+0.006	10	49	61	103	355ALH0910	○
9.20	+0.021/+0.006	10	49	61	103	355ALH0920	○
9.30	+0.021/+0.006	10	49	61	103	355ALH0930	○
9.40	+0.021/+0.006	10	49	61	103	355ALH0940	○
9.50	+0.021/+0.006	10	61	61	103	355ALH0950	●
9.60	+0.021/+0.006	10	61	61	103	355ALH0960	○
9.70	+0.021/+0.006	10	61	61	103	355ALH0970	○
9.80	+0.021/+0.006	10	61	61	103	355ALH0980	○
9.90	+0.021/+0.006	10	61	61	103	355ALH0990	○
10.00	+0.021/+0.006	10	61	61	103	355ALH1000	●
10.20	+0.025/+0.007	12	71	71	118	355ALH1020	●
10.50	+0.025/+0.007	12	71	71	118	355ALH1050	●
10.80	+0.025/+0.007	12	71	71	118	355ALH1080	○
11.00	+0.025/+0.007	12	71	71	118	355ALH1100	●
11.20	+0.025/+0.007	12	71	71	118	355ALH1120	○
11.30	+0.025/+0.007	12	71	71	118	355ALH1130	○
11.50	+0.025/+0.007	12	71	71	118	355ALH1150	●

● stock standard ○ non-standard stock ▽ stock exhaustion

# 355ALH

aluminium, polished flutes

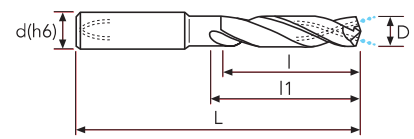
5XD	DIN 6537L	ALH	MG POLISHED	130°	30°
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INFO



P	M	K	N	S	H
			★		

★ 1st choice ☆ suitable



**CARBIDE DRILLS**

- PU-HPU
- TA-4HTA
- SUH
- ALH**
- HRC
- SUH-MINI
- HL
- HSD
- C-SD-TA

**HSS DRILLS**

- LFTA
- SUTA
- HSS-HSS/CO

**CARBIDE END-MILLS**

- G2
- MDTA
- HF VH/UP
- MEF
- ALU
- MEX/MH
- UH/MH

**HSS END-MILLS**

**CARBIDE BURRS**

D(m7)	D Tol.	d(h6)	l	l1	L	EDP No.	Stock
11.80	+0.025/+0.007	12	71	71	118	355ALH1180	○
12.00	+0.025/+0.007	12	71	71	118	355ALH1200	●
12.50	+0.025/+0.007	14	77	77	124	355ALH1250	○
13.00	+0.025/+0.007	14	77	77	124	355ALH1300	○
13.50	+0.025/+0.007	14	77	77	124	355ALH1350	○
14.00	+0.025/+0.007	14	77	77	124	355ALH1400	○
14.50	+0.025/+0.007	16	83	83	133	355ALH1450	○
15.00	+0.025/+0.007	16	83	83	133	355ALH1500	○
15.50	+0.025/+0.007	16	83	83	133	355ALH1550	○
16.00	+0.025/+0.007	16	83	83	133	355ALH1600	○
16.50	+0.025/+0.007	18	93	93	143	355ALH1650	○
17.00	+0.025/+0.007	18	93	93	143	355ALH1700	○
17.50	+0.025/+0.007	18	93	93	143	355ALH1750	○
18.00	+0.025/+0.007	18	93	93	143	355ALH1800	○
18.50	+0.029/+0.008	20	101	101	153	355ALH1850	○
19.00	+0.029/+0.008	20	101	101	153	355ALH1900	○
19.50	+0.029/+0.008	20	101	101	153	355ALH1950	○
20.00	+0.029/+0.008	20	101	101	153	355ALH2000	○

● stock standard ○ non-standard stock ▽ stock exhaustion

INFO

# 355ALH

CARBIDE DRILLS

- PU-HPU
- TA-4HTA
- SUH
- ALH**
- HRC
- SUH MINI
- HL
- HSD
- C-SD-TA



Material Group ISO 513	N1	N2	N3 N4	N5		
Hardness/Rm						
Vc (m/min)	<b>240±280</b>	<b>200±240</b>	<b>180±200</b>	<b>260±300</b>		
D (mm)	fn (mm/rev)	fn (mm/rev)	fn (mm/rev)	fn (mm/rev)		
3	0.136	0.129	0.116	0.150		
4	0.162	0.153	0.137	0.178		
5	0.187	0.178	0.159	0.206		
6	0.213	0.202	0.181	0.234		
7	0.238	0.226	0.202	0.262		
8	0.264	0.250	0.224	0.290		
9	0.289	0.275	0.246	0.318		
10	0.315	0.299	0.267	0.346		
11	0.340	0.323	0.289	0.374		
12	0.366	0.347	0.311	0.402		
13	0.391	0.371	0.332	0.430		
14	0.417	0.396	0.354	0.458		
15	0.442	0.420	0.376	0.486		
16	0.468	0.444	0.397	0.514		
17	0.493	0.468	0.419	0.542		
18	0.519	0.493	0.441	0.570		
19	0.544	0.517	0.462	0.598		
20	0.570	0.541	0.484	0.626		

HSS DRILLS

- LFTA
- SUTA
- HSS-HSS/CO

CARBIDE END-MILLS

- G2
- MDTA
- HFVH/UP
- MEF
- ALU
- MEX/MH
- UH/MH

HSS END-MILLS

CARBIDE BURRS