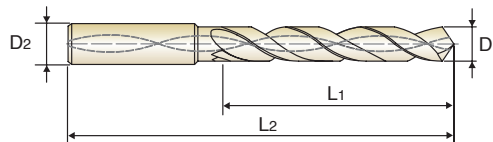




**CARBIDE, DREAM DRILLS - ALU with COOLANT HOLES** **LONG LANG**  
**VOLLHARTMETALL DREAM SPIRALBOHRER - ALU mit KÜHLKANAL**

- ▶ Good chip treatment due to flute geometry & chip space
- ▶ Better finish & built-up edge preventive

- ▶ Bessere Entspannung durch eine angepasste Spannutt-Geometrie & großem Span-Volumen
- ▶ Verbesserte Schliffgüte & Schneidkanten-Präparation



DIN 6537
MG
h6
m7
118°
P.94

5 × D

Unit : mm

EDP No.	Drill Diameter	Shank Diameter	Flute Length	Overall Length	EDP No.	Drill Diameter	Shank Diameter	Flute Length	Overall Length
	D1	D2	L1	L2		D1	D2	L1	L2
D5433030	3.0	6	28	66	D5433057	5.7	6	44	82
D5433031	3.1	6	28	66	D5433058	5.8	6	44	82
D5433032	3.2	6	28	66	D5433059	5.9	6	44	82
D5433033	3.3	6	28	66	D5433060	6.0	6	44	82
D5433034	3.4	6	28	66	D5433061	6.1	8	53	91
D5433035	3.5	6	28	66	D5433062	6.2	8	53	91
D5433036	3.6	6	28	66	D5433063	6.3	8	53	91
D5433037	3.7	6	28	66	D5433064	6.4	8	53	91
D5433038	3.8	6	36	74	D5433065	6.5	8	53	91
D5433039	3.9	6	36	74	D5433066	6.6	8	53	91
D5433040	4.0	6	36	74	D5433067	6.7	8	53	91
D5433041	4.1	6	36	74	D5433068	6.8	8	53	91
D5433042	4.2	6	36	74	D5433069	6.9	8	53	91
D5433043	4.3	6	36	74	D5433070	7.0	8	53	91
D5433044	4.4	6	36	74	D5433071	7.1	8	53	91
D5433045	4.5	6	36	74	D5433072	7.2	8	53	91
D5433046	4.6	6	36	74	D5433073	7.3	8	53	91
D5433047	4.7	6	36	74	D5433074	7.4	8	53	91
D5433048	4.8	6	44	82	D5433075	7.5	8	53	91
D5433049	4.9	6	44	82	D5433076	7.6	8	53	91
D5433050	5.0	6	44	82	D5433077	7.7	8	53	91
D5433051	5.1	6	44	82	D5433078	7.8	8	53	91
D5433052	5.2	6	44	82	D5433079	7.9	8	53	91
D5433053	5.3	6	44	82	D5433080	8.0	8	53	91
D5433054	5.4	6	44	82	D5433081	8.1	10	61	103
D5433055	5.5	6	44	82	D5433082	8.2	10	61	103
D5433056	5.6	6	44	82	D5433083	8.3	10	61	103

- ▶ DLC coating is available on your request.
- ▶ Other shank types are available on your request.

◎ : Excellent ○ : Good

Carbon Steels	Alloy Steels	Prehardened Steels	Hardened Steels		Cast Iron	Aluminum	Stainless Steels	Titanium	Mild Steels	Copper	Bronze	CFRP
~HB225	HB225~325	HRc30~45	HRc45~55	HRc55~								
						◎						



# DREAM DRILLS -ALU

## D5433 SERIES

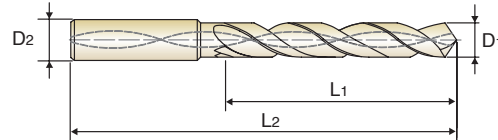
### CARBIDE, DREAM DRILLS - ALU with COOLANT HOLES VOLLHARTMETALL DREAM SPIRALBOHRER - ALU mit KÜHLKANAL

LONG

LANG

- ▶ Good chip treatment due to flute geometry & chip space
- ▶ Better finish & built-up edge preventive

- ▶ Bessere Entspannung durch eine angepasste Spannut-Geometrie & großem Span-Volumen
- ▶ Verbesserte Schligfgüte & Schneidkanten-Präparation



DIN 6537
MG
h6
m7
118°
P.94

5 × D

Unit : mm

EDP No.	Drill Diameter	Shank Diameter	Flute Length	Overall Length	EDP No.	Drill Diameter	Shank Diameter	Flute Length	Overall Length
	D1					D1			
D5433084	8.4	10	61	103	D5433111	11.1	12	71	118
D5433085	8.5	10	61	103	D5433112	11.2	12	71	118
D5433086	8.6	10	61	103	D5433113	11.3	12	71	118
D5433087	8.7	10	61	103	D5433114	11.4	12	71	118
D5433088	8.8	10	61	103	D5433115	11.5	12	71	118
D5433089	8.9	10	61	103	D5433116	11.6	12	71	118
D5433090	9.0	10	61	103	D5433117	11.7	12	71	118
D5433091	9.1	10	61	103	D5433118	11.8	12	71	118
D5433092	9.2	10	61	103	D5433119	11.9	12	71	118
D5433093	9.3	10	61	103	D5433120	12.0	12	71	118
D5433094	9.4	10	61	103	D5433125	12.5	14	77	124
D5433095	9.5	10	61	103	D5433130	13.0	14	77	124
D5433096	9.6	10	61	103	D5433135	13.5	14	77	124
D5433097	9.7	10	61	103	D5433140	14.0	14	77	124
D5433098	9.8	10	61	103	D5433145	14.5	16	83	133
D5433099	9.9	10	61	103	D5433150	15.0	16	83	133
D5433100	10.0	10	61	103	D5433155	15.5	16	83	133
D5433101	10.1	12	71	118	D5433160	16.0	16	83	133
D5433102	10.2	12	71	118	D5433165	16.5	18	93	143
D5433103	10.3	12	71	118	D5433170	17.0	18	93	143
D5433104	10.4	12	71	118	D5433175	17.5	18	93	143
D5433105	10.5	12	71	118	D5433180	18.0	18	93	143
D5433106	10.6	12	71	118	D5433185	18.5	20	101	153
D5433107	10.7	12	71	118	D5433190	19.0	20	101	153
D5433108	10.8	12	71	118	D5433195	19.5	20	101	153
D5433109	10.9	12	71	118	D5433200	20.0	20	101	153
D5433110	11.0	12	71	118					

- ▶ DLC coating is available on your request.
- ▶ Other shank types are available on your request.

◎ : Excellent ○ : Good

Carbon Steels	Alloy Steels	Prehardened Steels	Hardened Steels		Cast Iron	Aluminum	Stainless Steels	Titanium	Mild Steels	Copper	Bronze	CFRP
~HB225	HB225~325	HRc30~45	HRc45~55	HRc55~								
						◎						



**DREAM DRILLS  
-ALU**

**RECOMMENDED CUTTING CONDITIONS  
EMPFOHLENE SCHNEIDKONDITIONEN**

i-DREAM  
DRILLS

DREAM  
DRILLS  
-GENERAL

DREAM  
DRILLS  
-INOX

DREAM  
DRILLS  
-ALU

DREAM  
DRILLS  
-CFRP

DREAM  
DRILLS  
-MQL TYPE

DREAM  
DRILLS  
for HARDENED  
STEELS

GENERAL  
CARBIDE  
DRILLS

NC-SPOTTING  
DRILLS

CENTER  
DRILLS

MULTI-1  
DRILLS

HPD DRILLS

GOLD-P  
DRILLS

STRAIGHT  
SHANK  
DRILLS

TAPER  
SHANK  
DRILLS

NC-SPOTTING  
DRILLS

CENTER  
DRILLS

SPADE  
DRILLS

TECHNICAL  
DATA

**CARBIDE, DREAM DRILLS - ALU with COOLANT HOLES  
VOLLHARTMETALL DREAM BOHRER - ALU mit KÜHLKANAL**

**D5432, D5433, D5434 SERIES**

WORK MATERIAL	Aluminium Alloy Casting Aluminium Die Casting			Wrought Aluminium Alloy		
	DIAMETER	RPM(MIN <sup>-1</sup> )	Speed(m/min)	Feed(mm/rev)	RPM(MIN <sup>-1</sup> )	Speed(m/min)
Ø3.0 ~ Ø6.0	8,000~15,000	80~150	0.2~0.5	8,000~15,000	80~150	0.15~0.3
~ Ø10.0	6,000~10,500	100~200	0.3~1.0	6,000~10,500	100~200	0.2~0.4
~ Ø14.0	4,500~5,800	150~250	0.3~1.0	4,500~5,800	150~250	0.2~0.4
~ Ø20.0	3,200~4,600	150~200	0.3~1.0	3,200~4,600	150~200	0.2~0.4