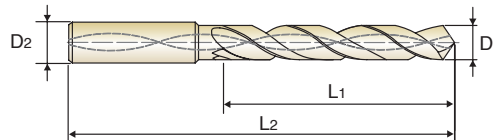




**CARBIDE, DREAM DRILLS - ALU with COOLANT HOLES** *SHORT*  
**VOLLHARTMETALL DREAM SPIRALBOHRER - ALU mit KÜHLKANAL** *KURZ*

- ▶ 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

3 × 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
D5432030	3.0	6	20	62	D5432057	5.7	6	28	66
D5432031	3.1	6	20	62	D5432058	5.8	6	28	66
D5432032	3.2	6	20	62	D5432059	5.9	6	28	66
D5432033	3.3	6	20	62	D5432060	6.0	6	28	66
D5432034	3.4	6	20	62	D5432061	6.1	8	34	79
D5432035	3.5	6	20	62	D5432062	6.2	8	34	79
D5432036	3.6	6	20	62	D5432063	6.3	8	34	79
D5432037	3.7	6	20	62	D5432064	6.4	8	34	79
D5432038	3.8	6	24	66	D5432065	6.5	8	34	79
D5432039	3.9	6	24	66	D5432066	6.6	8	34	79
D5432040	4.0	6	24	66	D5432067	6.7	8	34	79
D5432041	4.1	6	24	66	D5432068	6.8	8	34	79
D5432042	4.2	6	24	66	D5432069	6.9	8	34	79
D5432043	4.3	6	24	66	D5432070	7.0	8	34	79
D5432044	4.4	6	24	66	D5432071	7.1	8	41	79
D5432045	4.5	6	24	66	D5432072	7.2	8	41	79
D5432046	4.6	6	24	66	D5432073	7.3	8	41	79
D5432047	4.7	6	24	66	D5432074	7.4	8	41	79
D5432048	4.8	6	28	66	D5432075	7.5	8	41	79
D5432049	4.9	6	28	66	D5432076	7.6	8	41	79
D5432050	5.0	6	28	66	D5432077	7.7	8	41	79
D5432051	5.1	6	28	66	D5432078	7.8	8	41	79
D5432052	5.2	6	28	66	D5432079	7.9	8	41	79
D5432053	5.3	6	28	66	D5432080	8.0	8	41	79
D5432054	5.4	6	28	66	D5432081	8.1	10	47	89
D5432055	5.5	6	28	66	D5432082	8.2	10	47	89
D5432056	5.6	6	28	66	D5432083	8.3	10	47	89

- ▶ 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**

**D5432 SERIES**

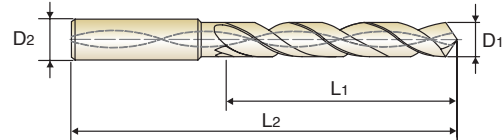
**CARBIDE, DREAM DRILLS - ALU with COOLANT HOLES**  
**VOLLHARTMETALL DREAM SPIRALBOHRER - ALU mit KÜHLKANAL**

**SHORT**

**KURZ**

- ▶ 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

3 × 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			
D5432084	8.4	10	47	89	D5432111	11.1	12	55	102
D5432085	8.5	10	47	89	D5432112	11.2	12	55	102
D5432086	8.6	10	47	89	D5432113	11.3	12	55	102
D5432087	8.7	10	47	89	D5432114	11.4	12	55	102
D5432088	8.8	10	47	89	D5432115	11.5	12	55	102
D5432089	8.9	10	47	89	D5432116	11.6	12	55	102
D5432090	9.0	10	47	89	D5432117	11.7	12	55	102
D5432091	9.1	10	47	89	D5432118	11.8	12	55	102
D5432092	9.2	10	47	89	D5432119	11.9	12	55	102
D5432093	9.3	10	47	89	D5432120	12.0	12	55	102
D5432094	9.4	10	47	89	D5432125	12.5	14	60	107
D5432095	9.5	10	47	89	D5432130	13.0	14	60	107
D5432096	9.6	10	47	89	D5432135	13.5	14	60	107
D5432097	9.7	10	47	89	D5432140	14.0	14	60	107
D5432098	9.8	10	47	89	D5432145	14.5	16	65	115
D5432099	9.9	10	47	89	D5432150	15.0	16	65	115
D5432100	10.0	10	47	89	D5432155	15.5	16	65	115
D5432101	10.1	12	55	102	D5432160	16.0	16	65	115
D5432102	10.2	12	55	102	D5432165	16.5	18	73	123
D5432103	10.3	12	55	102	D5432170	17.0	18	73	123
D5432104	10.4	12	55	102	D5432175	17.5	18	73	123
D5432105	10.5	12	55	102	D5432180	18.0	18	73	123
D5432106	10.6	12	55	102	D5432185	18.5	20	79	131
D5432107	10.7	12	55	102	D5432190	19.0	20	79	131
D5432108	10.8	12	55	102	D5432195	19.5	20	79	131
D5432109	10.9	12	55	102	D5432200	20.0	20	79	131
D5432110	11.0	12	55	102					

- ▶ 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****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