

CARBIDE



Being the best through innovation





DREAM DRILLS -SOFT

- 不带油孔
用于中等硬度钢

WITHOUT COOLANT HOLES
for Steels, up to Medium Hardness

SELECTION GUIDE

整体硬质合金梦幻钻头-软材质用 (不带油孔)
用于中等硬度钢

项目	型号	规格	尺寸		页
			最小	最大	
ITEM	MODEL	DESCRIPTION	SIZE		PAGE
			MIN	MAX	
DPPA01		硬质合金梦幻钻头-软材质用 CARBIDE, DREAM DRILLS - SOFT	常规 REGULAR	D1.0 D20.0	66
DPPA02		硬质合金梦幻钻头-软材质用 CARBIDE, DREAM DRILLS - SOFT	长 LONG	D3.0 D20.0	69
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SOLID CARBIDE DREAM DRILLS-SOFT

SOLID CARBIDE DREAM DRILLS - SOFT (without Coolant Holes)
for Steels, up to Medium Hardness

◎ : 优(Excellent)
○ : 良(Good)

碳钢	合金钢	预硬钢	硬化钢		铸铁	铝	不锈钢	钛	低碳钢	铜	青铜
Carbon Steels	Alloy Steels	Prehardened Steels	Hardened Steels		Cast Iron	Aluminum	Stainless Steels	Titanium	Mild Steels	Copper	Bronze
~HB225	HB225~325	HRc30~45	HRc45~55	HRc55~							
◎	◎	○			○		○		◎		
◎	◎	○			○		○		◎		



DREAM DRILLS
-SOFT

DPPA01 SERIES

硬质合金, 梦幻钻头-软材质用
CARBIDE, DREAM DRILLS-SOFT

常规

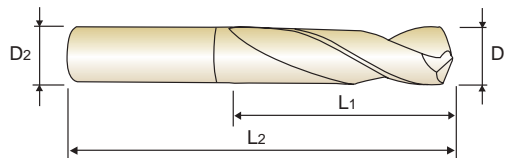
REGULAR

- ▶ 应用: 可以在普通钢, 碳钢, 合金钢, 铸铁及球墨铸铁
- ▶ 优点: 自定心功能 - 可免除定点钻
出色的定位 - 不需要导套
特殊的设计 - 良好的排屑性能
- 强力钻削

- ▶ **Application**: Drilling steels in general, carbon steels, alloy steels, cast iron, ductile cast iron.
- ▶ **Advantage**: Self centering - center drilling is not required.
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up to 1.5mm Ø1.6~Ø1.9 over 1.9mm



单位(Unit): mm

型号	刃径	柄径	刃长	全长	型号	刃径	柄径	刃长	全长
EDP No.	Drill Diameter	Shank Diameter	Flute Length	Overall Length	EDP No.	Drill Diameter	Shank Diameter	Flute Length	Overall Length
TiAlN	D1	D2	L1	L2	TiAlN	D1	D2	L1	L2
DPPA01010	1.0	3	8	38	DPPA01032	3.2	4	20	55
DPPA01011	1.1	3	9	42	DPPA01033	3.3	4	20	55
DPPA01012	1.2	3	10	42	DPPA01034	3.4	4	20	55
DPPA01013	1.3	3	10	42	DPPA01035	3.5	4	20	55
DPPA01014	1.4	3	11	42	DPPA01036	3.6	4	25	55
DPPA01015	1.5	3	11	42	DPPA01037	3.7	4	25	55
DPPA01016	1.6	3	12	42	DPPA01038	3.8	4	25	55
DPPA01017	1.7	3	12	42	DPPA01039	3.9	4	25	55
DPPA01018	1.8	3	13	42	DPPA01040	4.0	4	25	55
DPPA01019	1.9	3	13	42	DPPA01041	4.1	4	25	55
DPPA01020	2.0	3	17	50	DPPA01042	4.2	5	32	62
DPPA01021	2.1	3	17	50	DPPA01043	4.3	5	32	62
DPPA01022	2.2	3	17	50	DPPA01044	4.4	5	32	62
DPPA01023	2.3	3	17	50	DPPA01045	4.5	5	32	62
DPPA01024	2.4	3	17	50	DPPA01046	4.6	5	32	62
DPPA01025	2.5	3	17	50	DPPA01047	4.7	5	32	62
DPPA01026	2.6	3	17	50	DPPA01048	4.8	5	32	62
DPPA01027	2.7	3	17	50	DPPA01049	4.9	5	32	62
DPPA01028	2.8	3	17	50	DPPA01050	5.0	5	32	62
DPPA01029	2.9	3	17	50	DPPA01051	5.1	5	32	62
DPPA01030	3.0	4	20	55	DPPA01052	5.2	6	36	66
DPPA01031	3.1	4	20	55	DPPA01053	5.3	6	36	66

▶ 其他的刀柄类型可以按照你的要求 / Other shank types are available on your request.

◎: 优(Excellent) ○: 良(Good)

碳钢	合金钢	预硬钢	硬化钢		铸铁	铝	不锈钢	钛	低碳钢	铜	青铜
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◎	◎	○			○		○		◎		

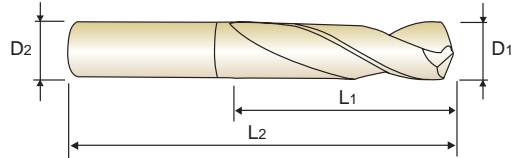
硬质合金, 梦幻钻头-软材质用
CARBIDE, DREAM DRILLS-SOFT

常规

REGULAR

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单位(Unit) : mm

型号	刃径	柄径	刃长	全长	型号	刃径	柄径	刃长	全长
EDP No.	Drill Diameter	Shank Diameter	Flute Length	Overall Length	EDP No.	Drill Diameter	Shank Diameter	Flute Length	Overall Length
TiAlN	D1	D2	L1	L2	TiAlN	D1	D2	L1	L2
DPPA01054	5.4	6	36	66	DPPA01076	7.6	8	46	79
DPPA01055	5.5	6	36	66	DPPA01077	7.7	8	46	79
DPPA01056	5.6	6	36	66	DPPA01078	7.8	8	46	79
DPPA01057	5.7	6	36	66	DPPA01079	7.9	8	46	79
DPPA01058	5.8	6	36	66	DPPA01080	8.0	8	46	79
DPPA01059	5.9	6	36	66	DPPA01081	8.1	8	46	79
DPPA01060	6.0	6	36	66	DPPA01082	8.2	9	50	84
DPPA01061	6.1	6	36	66	DPPA01083	8.3	9	50	84
DPPA01062	6.2	7	42	74	DPPA01084	8.4	9	50	84
DPPA01063	6.3	7	42	74	DPPA01085	8.5	9	50	84
DPPA01064	6.4	7	42	74	DPPA01086	8.6	9	50	84
DPPA01065	6.5	7	42	74	DPPA01087	8.7	9	50	84
DPPA01066	6.6	7	42	74	DPPA01088	8.8	9	50	84
DPPA01067	6.7	7	42	74	DPPA01089	8.9	9	50	84
DPPA01068	6.8	7	42	74	DPPA01090	9.0	9	50	84
DPPA01069	6.9	7	42	74	DPPA01091	9.1	9	50	84
DPPA01070	7.0	7	42	74	DPPA01092	9.2	10	53	89
DPPA01071	7.1	7	42	74	DPPA01093	9.3	10	53	89
DPPA01072	7.2	8	46	79	DPPA01094	9.4	10	53	89
DPPA01073	7.3	8	46	79	DPPA01095	9.5	10	53	89
DPPA01074	7.4	8	46	79	DPPA01096	9.6	10	53	89
DPPA01075	7.5	8	46	79	DPPA01097	9.7	10	53	89

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◎	◎	○			○		○		◎		

I-DREAM DRILLS

DREAM DRILLS -GENERAL

DREAM DRILLS -SOFT

DREAM DRILLS -INOX

DREAM DRILLS -MQL TYPE

DREAM DRILLS for HARDENED STEELS

GENERAL CARBIDE DRILLS

NC-SPOTTING DRILLS

MULTI-1 DRILLS

HPD DRILLS

GOLD-P DRILLS

WORM PATTERN DRILLS

STRAIGHT SHANK DRILLS

TAPER SHANK DRILLS

NC-SPOTTING DRILLS

CENTER DRILLS

SPADE DRILLS

TECHNICAL DATA



DREAM DRILLS -SOFT

DPPA01 SERIES

硬质合金, 梦幻钻头-软材质用
CARBIDE, DREAM DRILLS-SOFT

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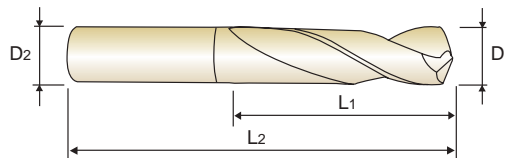
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up to 1.5mm Ø1.6~Ø1.9 over 1.9mm



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EDP No.	Drill Diameter	Shank Diameter	Flute Length	Overall Length	EDP No.	Drill Diameter	Shank Diameter	Flute Length	Overall Length
TiAlN	D1	D2	L1	L2	TiAlN	D1	D2	L1	L2
DPPA01098	9.8	10	53	89	DPPA01118	11.8	12	62	102
DPPA01099	9.9	10	53	89	DPPA01119	11.9	12	62	102
DPPA01100	10.0	10	53	89	DPPA01120	12.0	12	62	102
DPPA01101	10.1	10	53	89	DPPA01125	12.5	13	62	102
DPPA01102	10.2	11	55	95	DPPA01130	13.0	13	62	102
DPPA01103	10.3	11	55	95	DPPA01135	13.5	14	64	107
DPPA01104	10.4	11	55	95	DPPA01140	14.0	14	64	107
DPPA01105	10.5	11	55	95	DPPA01145	14.5	15	67	111
DPPA01106	10.6	11	55	95	DPPA01150	15.0	15	67	111
DPPA01107	10.7	11	55	95	DPPA01155	15.5	16	69	115
DPPA01108	10.8	11	55	95	DPPA01160	16.0	16	69	115
DPPA01109	10.9	11	55	95	DPPA01165	16.5	17	71	119
DPPA01110	11.0	11	55	95	DPPA01170	17.0	17	71	119
DPPA01111	11.1	11	55	95	DPPA01175	17.5	18	74	123
DPPA01112	11.2	12	62	102	DPPA01180	18.0	18	74	123
DPPA01113	11.3	12	62	102	DPPA01185	18.5	19	76	127
DPPA01114	11.4	12	62	102	DPPA01190	19.0	19	76	127
DPPA01115	11.5	12	62	102	DPPA01195	19.5	20	80	131
DPPA01116	11.6	12	62	102	DPPA01200	20.0	20	80	131
DPPA01117	11.7	12	62	102					

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硬质合金, 梦幻钻头-软材质用
CARBIDE, DREAM DRILLS-SOFT

长

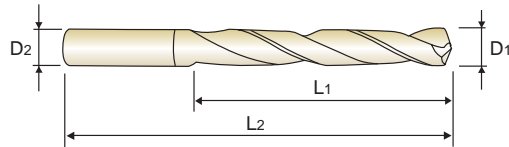
LONG

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TiAlN	D1	D2	L1	L2	TiAlN	D1	D2	L1	L2
DPPA02030	3.0	4	45	80	DPPA02057	5.7	6	50	83
DPPA02031	3.1	4	45	80	DPPA02058	5.8	6	50	83
DPPA02032	3.2	4	45	80	DPPA02059	5.9	6	50	83
DPPA02033	3.3	4	45	80	DPPA02060	6.0	6	50	83
DPPA02034	3.4	4	45	80	DPPA02061	6.1	6	50	83
DPPA02035	3.5	4	45	80	DPPA02062	6.2	7	53	85
DPPA02036	3.6	4	45	80	DPPA02063	6.3	7	53	85
DPPA02037	3.7	4	45	80	DPPA02064	6.4	7	53	85
DPPA02038	3.8	4	45	80	DPPA02065	6.5	7	53	85
DPPA02039	3.9	4	45	80	DPPA02066	6.6	7	53	85
DPPA02040	4.0	4	45	80	DPPA02067	6.7	7	53	85
DPPA02041	4.1	4	45	80	DPPA02068	6.8	7	53	85
DPPA02042	4.2	5	45	80	DPPA02069	6.9	7	53	85
DPPA02043	4.3	5	45	80	DPPA02070	7.0	7	53	85
DPPA02044	4.4	5	45	80	DPPA02071	7.1	7	53	85
DPPA02045	4.5	5	45	80	DPPA02072	7.2	8	58	90
DPPA02046	4.6	5	45	80	DPPA02073	7.3	8	58	90
DPPA02047	4.7	5	45	80	DPPA02074	7.4	8	58	90
DPPA02048	4.8	5	45	80	DPPA02075	7.5	8	58	90
DPPA02049	4.9	5	45	80	DPPA02076	7.6	8	58	90
DPPA02050	5.0	5	45	80	DPPA02077	7.7	8	58	90
DPPA02051	5.1	5	45	80	DPPA02078	7.8	8	58	90
DPPA02052	5.2	6	50	83	DPPA02079	7.9	8	58	90
DPPA02053	5.3	6	50	83	DPPA02080	8.0	8	58	90
DPPA02054	5.4	6	50	83	DPPA02081	8.1	8	58	90
DPPA02055	5.5	6	50	83	DPPA02082	8.2	9	64	98
DPPA02056	5.6	6	50	83	DPPA02083	8.3	9	64	98

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HSS

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DREAM DRILLS -MQL TYPE

DREAM DRILLS for HARDENED STEELS

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DPPA02 SERIES

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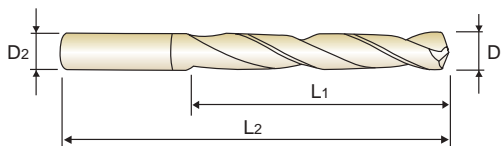
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TiAlN	D1	D2	L1	L2	TiAlN	D1	D2	L1	L2
DPPA02084	8.4	9	64	98	DPPA02111	11.1	11	73	110
DPPA02085	8.5	9	64	98	DPPA02112	11.2	12	80	120
DPPA02086	8.6	9	64	98	DPPA02113	11.3	12	80	120
DPPA02087	8.7	9	64	98	DPPA02114	11.4	12	80	120
DPPA02088	8.8	9	64	98	DPPA02115	11.5	12	80	120
DPPA02089	8.9	9	64	98	DPPA02116	11.6	12	80	120
DPPA02090	9.0	9	64	98	DPPA02117	11.7	12	80	120
DPPA02091	9.1	9	64	98	DPPA02118	11.8	12	80	120
DPPA02092	9.2	10	68	105	DPPA02119	11.9	12	80	120
DPPA02093	9.3	10	68	105	DPPA02120	12.0	12	80	120
DPPA02094	9.4	10	68	105	DPPA02125	12.5	13	90	137
DPPA02095	9.5	10	68	105	DPPA02130	13.0	13	90	137
DPPA02096	9.6	10	68	105	DPPA02135	13.5	14	96	147
DPPA02097	9.7	10	68	105	DPPA02140	14.0	14	96	147
DPPA02098	9.8	10	68	105	DPPA02145	14.5	15	100	153
DPPA02099	9.9	10	68	105	DPPA02150	15.0	15	100	153
DPPA02100	10.0	10	68	105	DPPA02155	15.5	16	112	160
DPPA02101	10.1	10	68	105	DPPA02160	16.0	16	112	160
DPPA02102	10.2	11	73	110	DPPA02165	16.5	17	112	160
DPPA02103	10.3	11	73	110	DPPA02170	17.0	17	112	160
DPPA02104	10.4	11	73	110	DPPA02175	17.5	18	112	160
DPPA02105	10.5	11	73	110	DPPA02180	18.0	18	112	160
DPPA02106	10.6	11	73	110	DPPA02185	18.5	19	112	160
DPPA02107	10.7	11	73	110	DPPA02190	19.0	19	112	160
DPPA02108	10.8	11	73	110	DPPA02195	19.5	20	112	160
DPPA02109	10.9	11	73	110	DPPA02200	20.0	20	112	160
DPPA02110	11.0	11	73	110					

▶ 其他的刀柄类型可以按照你的要求。/ Other shank types are available on your request.

◎: 优(Excellent) ○: 良(Good)

碳钢	合金钢	预硬钢	硬化钢		铸铁	铝	不锈钢	钛	低碳钢	铜	青铜
Carbon Steels	Alloy Steels	Prehardened Steels	Hardened Steels		Cast Iron	Aluminum	Stainless Steels	Titanium	Mild Steels	Copper	Bronze
-HB225	HB225~325	HRC30~45	HRC45~55	HRC55~							
◎	◎	○			○		○		◎		

硬质合金, 梦幻钻头-软材质用, TiAlN涂层
 CARBIDE, DREAM DRILLS-SOFT, TiAlN COATED

DPPA01, DPPA02 SERIES

单位(Unit) : mm

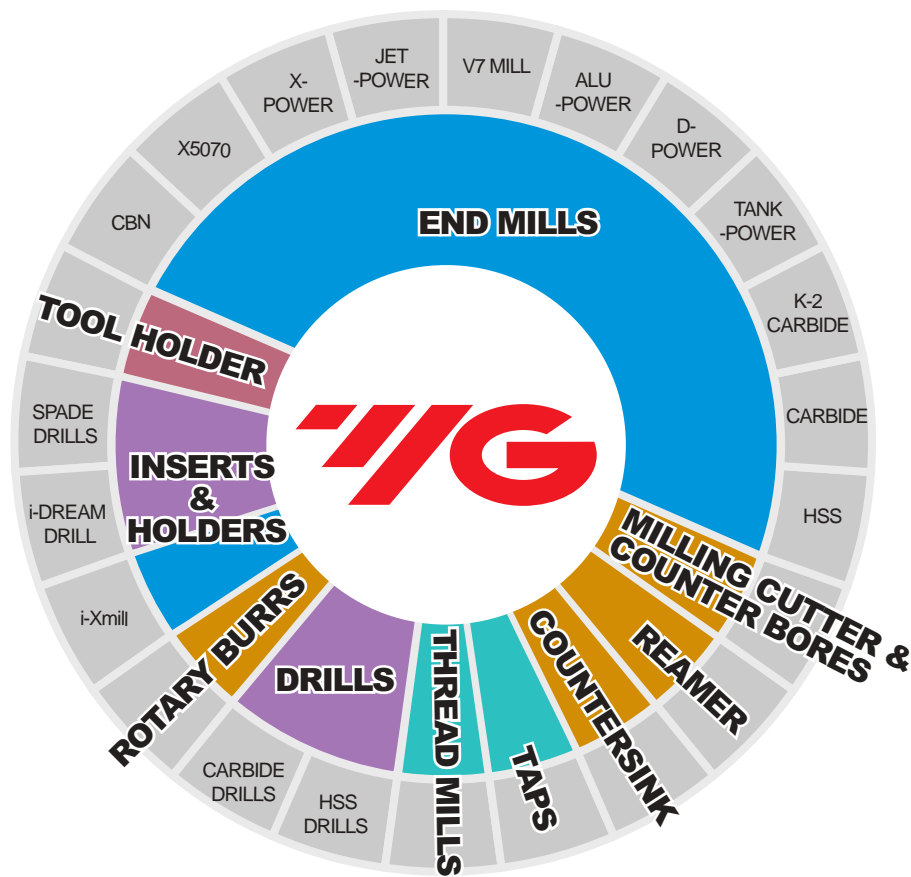
被加工材料 WORK MATERIAL	低碳钢, 合金钢 LOW CARBON STEEL ALLOY STEEL		碳钢, 合金钢 CARBON STEEL ALLOY STEEL		特殊合金钢 SPECIAL ALLOY STEEL		合金钢 ALLOY STEEL		铸铁 CAST IRON		球墨铸铁 DUCTILE CAST IRON	
	< 700 N/mm ²		< 1000 N/mm ²				30~40Hrc		< 350 N/mm ²		< 500 N/mm ²	
DIAMETER	N	S	N	S	N	S	N	S	N	S	N	S
1.0	11000	0.03	9500	0.03	9000	0.02	7600	0.02	12000	0.02	10000	0.02
2.0	11000	0.06	9500	0.06	9000	0.06	7600	0.06	12000	0.06	10000	0.06
3.0	8000	0.09	7200	0.09	6000	0.09	5000	0.09	8000	0.09	6900	0.09
4.0	6300	0.10	5600	0.10	4750	0.10	3800	0.10	6300	0.10	5200	0.10
5.0	5000	0.12	4500	0.12	3800	0.12	3000	0.12	5000	0.12	4100	0.12
6.0	4200	0.14	3700	0.14	3200	0.14	2550	0.14	4200	0.14	3450	0.14
8.0	3200	0.16	2800	0.16	2400	0.16	1900	0.16	3200	0.16	2600	0.16
10.0	2550	0.18	2300	0.18	1900	0.18	1550	0.18	2600	0.18	2100	0.18
12.0	2100	0.20	1800	0.20	1600	0.20	1300	0.20	2200	0.20	1750	0.20
14.0	1800	0.22	1600	0.22	1350	0.22	1100	0.22	1800	0.22	1500	0.22
16.0	1600	0.25	1400	0.25	1200	0.25	950	0.25	1600	0.25	1300	0.25
18.0	1400	0.28	1250	0.28	1050	0.28	850	0.28	1400	0.28	1200	0.28
20.0	1300	0.30	1150	0.30	960	0.30	760	0.30	1300	0.30	1050	0.30

 Feed 100% : DPPA01
 Feed 85% : DPPA02

 N = R.P.M
 S = Feed per Revolution (mm/rev.)
I-DREAM
DRILLSDREAM
DRILLS
-GENERALDREAM
DRILLS
-SOFTDREAM
DRILLS
-INOXDREAM
DRILLS
-MQL TYPEDREAM
DRILLS
for HARDENED
STEELSGENERAL
CARBIDE
DRILLSNC-SPOTTING
DRILLSMULTI-1
DRILLS

HPD DRILLS

GOLD-P
DRILLSWORM
PATTERN
DRILLSSTRAIGHT
SHANK
DRILLSTAPER
SHANK
DRILLSNC-SPOTTING
DRILLSCENTER
DRILLSSPADE
DRILLSTECHNICAL
DATA



Challenge toward a Global Leader-

YG-1 Leads the World Market.