

Solid Spiral Drill

Non-Ferrous Drill

Characteristics

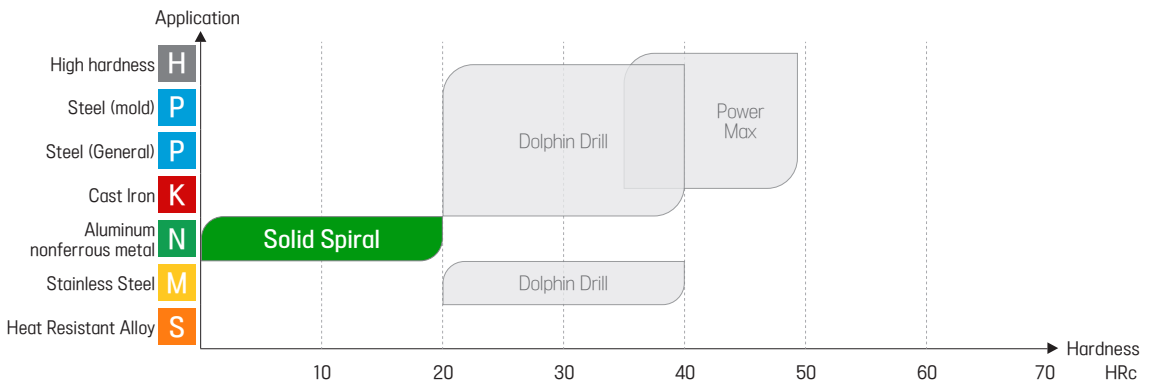
- Suitable to work for Copper, Aluminum, Alloy steels, Non-ferrous steels
- Reasonable price and extensive coverage

Features






- High chipping resistance by applied to the high toughness material
- Improvement of Flute hardness and excellent chip mission by applied to TiN, DLC coating
- Improve to customer variety of choice by applied to equal to Diameter with Shank Diameter



Applications



Contents

EDP No Spec (INCH : ■ / METRIC : □)	Flutes	Geometry	Length			Margin	Tolerance	Diameter(DC)		Page
			3D	5D	8D			Min	Max	
SSD □	2F		○			Single	h8	1	13	494
SSDL □					○	Single	h8	1	10	497
SSTD □			○			Single	h8	0.5	13	499
SSTDL □					○	Single	h8	1	10	502
APF505 ■□	3F			○		Single	0 ~ -0.012	3	16	504

EDP No. System

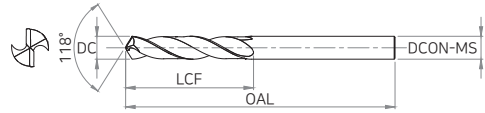
*If expressed as an integer, the decimal point is omitted.



①	②	③	④
Section	Appearance	Working Depth	Cutting Dia
SS : Solid Spiral	D : Drill	L : Long	∅0.5
AP : Aluminium Power	TD : TiN Coated Drill F : Facet Point	505 : 5D	~ ∅16

SSD Non-Ferrous Drill - Regular

Drill



Dolphin Drill

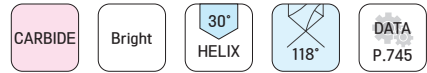
Dolphin Oil-Hole Drill

Power Max

Solid Spiral

► Tolerance

DC		Shank Dia
~ Ø3	0 ~ -0.014	h6
Ø3.1 ~ Ø6	0 ~ -0.018	
Ø6.1 ~ Ø10	0 ~ -0.022	
Ø10.1 ~ Ø13	0 ~ -0.027	



EDP No	DC	LCF	OAL	DCONMS	EDP No	DC	LCF	OAL	DCONMS
SSD 010	1	10	38	1	SSD 020	2	16	45	2
SSD 0105	1.05	10	38	1.05	SSD 0205	2.05	16	45	2.05
SSD 011	1.1	10	38	1.1	SSD 021	2.1	16	45	2.1
SSD 0115	1.15	10	38	1.15	SSD 0215	2.15	16	45	2.15
SSD 012	1.2	10	38	1.2	SSD 022	2.2	16	45	2.2
SSD 0125	1.25	10	38	1.25	SSD 0225	2.25	16	45	2.25
SSD 013	1.3	10	38	1.3	SSD 023	2.3	16	45	2.3
SSD 0135	1.35	10	38	1.35	SSD 0235	2.35	16	45	2.35
SSD 014	1.4	10	38	1.4	SSD 024	2.4	18	50	2.4
SSD 0145	1.45	10	38	1.45	SSD 0245	2.45	18	50	2.45
SSD 015	1.5	13	38	1.5	SSD 025	2.5	20	50	2.5
SSD 0155	1.55	13	38	1.55	SSD 0255	2.55	20	50	2.55
SSD 016	1.6	13	38	1.6	SSD 026	2.6	20	50	2.6
SSD 0165	1.65	13	38	1.65	SSD 0265	2.65	20	50	2.65
SSD 017	1.7	13	38	1.7	SSD 027	2.7	22	50	2.7
SSD 0175	1.75	13	38	1.75	SSD 0275	2.75	22	50	2.75
SSD 018	1.8	13	38	1.8	SSD 028	2.8	22	50	2.8
SSD 0185	1.85	13	38	1.85	SSD 0285	2.85	22	50	2.85
SSD 019	1.9	13	38	1.9	SSD 029	2.9	22	50	2.9
SSD 0195	1.95	13	38	1.95	SSD 0295	2.95	22	50	2.95

► Applicable Working Material

○ : GOOD ◎ : EXCELLENT

H		P			K	N			M	S
Hardened Steel		Carbon Steel	Alloy Steel	Prehardened Steel	Cast Iron	Copper	Graphite	Aluminum	Stainless Steel	Heat Resistant Alloy
SKD61 ~HRC55	SKD11 HRC55~	Carbon Steel ~HB225	Alloy Steel HB225 ~325	Prehardened Steel HRC30-50	Cast Iron ~FCD500	Copper	Graphite	Aluminum	Stainless Steel	Heat Resistant Alloy
		○				○		◎		

SSD Non-Ferrous Drill - Regular

Drill

EDP No	DC	LCF	OAL	DCONMS	EDP No	DC	LCF	OAL	DCONMS
SSD 030	3	22	50	3	SSD 064	6.4	38	75	6.4
SSD 031	3.1	25	50	3.1	SSD 065	6.5	38	75	6.5
SSD 032	3.2	25	50	3.2	SSD 066	6.6	45	80	6.6
SSD 033	3.3	25	50	3.3	SSD 067	6.7	45	80	6.7
SSD 034	3.4	25	50	3.4	SSD 068	6.8	45	80	6.8
SSD 035	3.5	25	50	3.5	SSD 069	6.9	45	80	6.9
SSD 036	3.6	28	55	3.6	SSD 070	7	45	80	7
SSD 037	3.7	28	55	3.7	SSD 071	7.1	45	80	7.1
SSD 038	3.8	28	55	3.8	SSD 072	7.2	45	80	7.2
SSD 039	3.9	28	55	3.9	SSD 073	7.3	45	80	7.3
SSD 040	4	28	55	4	SSD 074	7.4	45	80	7.4
SSD 041	4.1	30	60	4.1	SSD 075	7.5	45	80	7.5
SSD 042	4.2	30	60	4.2	SSD 076	7.6	50	85	7.6
SSD 043	4.3	30	60	4.3	SSD 077	7.7	50	85	7.7
SSD 044	4.4	30	60	4.4	SSD 078	7.8	50	85	7.8
SSD 045	4.5	30	60	4.5	SSD 079	7.9	50	85	7.9
SSD 046	4.6	33	65	4.6	SSD 080	8	50	85	8
SSD 047	4.7	33	65	4.7	SSD 081	8.1	50	85	8.1
SSD 048	4.8	35	65	4.8	SSD 082	8.2	50	85	8.2
SSD 049	4.9	35	65	4.9	SSD 083	8.3	50	85	8.3
SSD 050	5	35	65	5	SSD 084	8.4	50	85	8.4
SSD 051	5.1	35	65	5.1	SSD 085	8.5	50	85	8.5
SSD 052	5.2	35	65	5.2	SSD 086	8.6	50	95	8.6
SSD 053	5.3	35	65	5.3	SSD 087	8.7	50	95	8.7
SSD 054	5.4	35	65	5.4	SSD 088	8.8	50	95	8.8
SSD 055	5.5	35	65	5.5	SSD 089	8.9	50	95	8.9
SSD 056	5.6	38	75	5.6	SSD 090	9	50	95	9
SSD 057	5.7	38	75	5.7	SSD 091	9.1	50	95	9.1
SSD 058	5.8	38	75	5.8	SSD 092	9.2	50	95	9.2
SSD 059	5.9	38	75	5.9	SSD 093	9.3	50	95	9.3
SSD 060	6	38	75	6	SSD 094	9.4	50	95	9.4
SSD 061	6.1	38	75	6.1	SSD 095	9.5	50	95	9.5
SSD 062	6.2	38	75	6.2	SSD 096	9.6	50	95	9.6
SSD 063	6.3	38	75	6.3	SSD 097	9.7	50	95	9.7

Dolphin Drill

Dolphin Oil-Hole Drill

Power Max

Solid Spiral

► Applicable Working Material

○ : GOOD ◎ : EXCELLENT

H		P			K	N			M	S
Hardened Steel		Carbon Steel	Alloy Steel	Prehardened Steel	Cast Iron	Copper	Graphite	Aluminum	Stainless Steel	Heat Resistant Alloy
SKD61 ~HRc55	SKD11 HRc55~	~HB225	HB225 ~325	Steel HRc30~50	~FCD500					
		○				○		◎		

SSD Non-Ferrous Drill - Regular

Drill

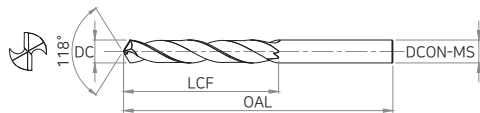
EDP No	DC	LCF	OAL	DCONMS	EDP No	DC	LCF	OAL	DCONMS
SSD 098	9.8	50	95	9.8	SSD 115	11.5	65	120	11.5
SSD 099	9.9	55	100	9.9	SSD 116	11.6	65	120	11.6
SSD 100	10	55	100	10	SSD 117	11.7	65	120	11.7
SSD 101	10.1	55	115	10.1	SSD 118	11.8	65	120	11.8
SSD 102	10.2	55	115	10.2	SSD 119	11.9	65	120	11.9
SSD 103	10.3	55	115	10.3	SSD 120	12	65	120	12
SSD 104	10.4	55	115	10.4	SSD 121	12.1	70	125	12.1
SSD 105	10.5	55	115	10.5	SSD 122	12.2	70	125	12.2
SSD 106	10.6	60	115	10.6	SSD 123	12.3	70	125	12.3
SSD 107	10.7	60	115	10.7	SSD 124	12.4	70	125	12.4
SSD 108	10.8	60	115	10.8	SSD 125	12.5	70	125	12.5
SSD 109	10.9	60	115	10.9	SSD 126	12.6	70	125	12.6
SSD 110	11	60	115	11	SSD 127	12.7	70	125	12.7
SSD 111	11.1	65	120	11.1	SSD 128	12.8	70	125	12.8
SSD 112	11.2	65	120	11.2	SSD 129	12.9	70	125	12.9
SSD 113	11.3	65	120	11.3	SSD 130	13	75	130	13
SSD 114	11.4	65	120	11.4					

► Applicable Working Material

○ : GOOD ◎ : EXCELLENT

H		P			K	N			M	S
Hardened Steel		Carbon Steel	Alloy Steel	Prehardened Steel	Cast Iron	Copper	Graphite	Aluminum	Stainless Steel	Heat Resistant Alloy
SKD61 ~HRC55	SKD11 HRC55~	~HB225	HB225 ~325	HRc30-50	~FCD500					
		○				○		◎		

SSDL Non-Ferrous Drill - Long



Drill

Dolphin Drill

Dolphin Oil-Hole Drill

Power Max

Solid Spiral

► Tolerance

DC		Shank Dia
~ Ø3	0 ~ -0.014	
Ø3.1 ~ Ø6	0 ~ -0.018	
Ø6.1 ~ Ø10	0 ~ -0.022	h6



EDP No	DC	LCF	OAL	DCONMS	EDP No	DC	LCF	OAL	DCONMS
SSDL 010	1	25	65	1	SSDL 030	3	42	73	3
SSDL 011	1.1	25	65	1.1	SSDL 031	3.1	42	73	3.1
SSDL 012	1.2	25	65	1.2	SSDL 032	3.2	42	73	3.2
SSDL 013	1.3	25	65	1.3	SSDL 033	3.3	42	73	3.3
SSDL 014	1.4	25	65	1.4	SSDL 034	3.4	42	73	3.4
SSDL 015	1.5	25	65	1.5	SSDL 035	3.5	42	73	3.5
SSDL 016	1.6	25	65	1.6	SSDL 036	3.6	45	80	3.6
SSDL 017	1.7	25	65	1.7	SSDL 037	3.7	45	80	3.7
SSDL 018	1.8	25	65	1.8	SSDL 038	3.8	48	80	3.8
SSDL 019	1.9	25	65	1.9	SSDL 039	3.9	50	80	3.9
SSDL 020	2	30	65	2	SSDL 040	4	54	85	4
SSDL 021	2.1	30	65	2.1	SSDL 041	4.1	54	85	4.1
SSDL 022	2.2	30	65	2.2	SSDL 042	4.2	54	85	4.2
SSDL 023	2.3	30	65	2.3	SSDL 043	4.3	54	85	4.3
SSDL 024	2.4	30	65	2.4	SSDL 044	4.4	54	85	4.4
SSDL 025	2.5	35	70	2.5	SSDL 045	4.5	54	85	4.5
SSDL 026	2.6	35	70	2.6	SSDL 046	4.6	59	90	4.6
SSDL 027	2.7	35	70	2.7	SSDL 047	4.7	59	90	4.7
SSDL 028	2.8	35	70	2.8	SSDL 048	4.8	59	90	4.8
SSDL 029	2.9	35	70	2.9	SSDL 049	4.9	59	90	4.9

► Applicable Working Material

○ : GOOD ◎ : EXCELLENT

H		P			K	N			M	S
Hardened Steel		Carbon Steel	Alloy Steel	Prehardened Steel	Cast Iron	Copper	Graphite	Aluminum	Stainless Steel	Heat Resistant Alloy
SKD61 ~HRc55	SKD11 HRc55~	Carbon Steel ~HB225	Alloy Steel HB225 ~325	Prehardened Steel HRc30~50	Cast Iron ~FCD500	Copper	Graphite	Aluminum	Stainless Steel	Heat Resistant Alloy
		○				○		◎		

SSDL Non-Ferrous Drill - Long

Drill

EDP No	DC	LCF	OAL	DCONMS	EDP No	DC	LCF	OAL	DCONMS
SSDL 050	5	59	90	5	SSDL 076	7.6	80	115	7.6
SSDL 051	5.1	63	95	5.1	SSDL 077	7.7	80	115	7.7
SSDL 052	5.2	63	95	5.2	SSDL 078	7.8	80	115	7.8
SSDL 053	5.3	63	95	5.3	SSDL 079	7.9	80	115	7.9
SSDL 054	5.4	63	95	5.4	SSDL 080	8	80	115	8
SSDL 055	5.5	63	95	5.5	SSDL 081	8.1	85	125	8.1
SSDL 056	5.6	66	100	5.6	SSDL 082	8.2	85	125	8.2
SSDL 057	5.7	66	100	5.7	SSDL 083	8.3	85	125	8.3
SSDL 058	5.8	66	100	5.8	SSDL 084	8.4	85	125	8.4
SSDL 059	5.9	66	100	5.9	SSDL 085	8.5	85	125	8.5
SSDL 060	6	66	100	6	SSDL 086	8.6	85	125	8.6
SSDL 061	6.1	70	105	6.1	SSDL 087	8.7	85	125	8.7
SSDL 062	6.2	70	105	6.2	SSDL 088	8.8	85	125	8.8
SSDL 063	6.3	70	105	6.3	SSDL 089	8.9	85	125	8.9
SSDL 064	6.4	70	105	6.4	SSDL 090	9	85	125	9
SSDL 065	6.5	70	105	6.5	SSDL 091	9.1	88	130	9.1
SSDL 066	6.6	73	105	6.6	SSDL 092	9.2	88	130	9.2
SSDL 067	6.7	73	105	6.7	SSDL 093	9.3	88	130	9.3
SSDL 068	6.8	73	105	6.8	SSDL 094	9.4	88	130	9.4
SSDL 069	6.9	73	105	6.9	SSDL 095	9.5	88	130	9.5
SSDL 070	7	73	105	7	SSDL 096	9.6	90	130	9.6
SSDL 071	7.1	76	110	7.1	SSDL 097	9.7	90	130	9.7
SSDL 072	7.2	76	110	7.2	SSDL 098	9.8	90	130	9.8
SSDL 073	7.3	76	110	7.3	SSDL 099	9.9	90	130	9.9
SSDL 074	7.4	76	110	7.4	SSDL 100	10	90	130	10
SSDL 075	7.5	76	110	7.5					

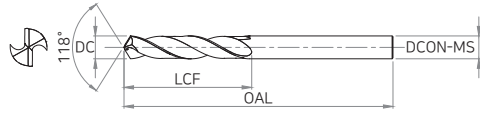
► Applicable Working Material

○ : GOOD ◎ : EXCELLENT

H		P			K	N			M	S
Hardened Steel		Carbon Steel	Alloy Steel	Prehardened Steel	Cast Iron	Copper	Graphite	Aluminum	Stainless Steel	Heat Resistant Alloy
SKD61 ~HRc55	SKD11 HRc55~	~HB225	HB225 ~325	HRc30-50	~FCD500					
		○				○		◎		

SSTD

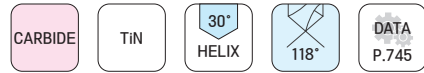
Non-Ferrous TiN Coated Drill - Regular



Drill

► Tolerance

DC		Shank Dia
~ Ø3	0 ~ -0.014	h6
Ø3.1 ~ Ø6	0 ~ -0.018	
Ø6.1 ~ Ø10	0 ~ -0.022	
Ø10.1 ~ Ø13	0 ~ -0.027	



Dolphin Drill

Dolphin Oil-Hole Drill

Power Max

Solid Spiral

EDP No	DC	LCF	OAL	DCONMS	EDP No	DC	LCF	OAL	DCONMS
SSTD 005	0.5	6	22	0.5	SSTD 020	2	16	45	2
SSTD 0055	0.55	7	24	0.55	SSTD 021	2.1	16	45	2.1
SSTD 006	0.6	7	24	0.6	SSTD 022	2.2	16	45	2.2
SSTD 0065	0.65	8	26	0.65	SSTD 023	2.3	16	45	2.3
SSTD 007	0.7	9	28	0.7	SSTD 024	2.4	18	50	2.4
SSTD 0075	0.75	9	28	0.75	SSTD 025	2.5	20	50	2.5
SSTD 008	0.8	10	30	0.8	SSTD 026	2.6	20	50	2.6
SSTD 0085	0.85	10	30	0.85	SSTD 027	2.7	22	50	2.7
SSTD 009	0.9	11	32	0.9	SSTD 028	2.8	22	50	2.8
SSTD 0095	0.95	11	32	0.95	SSTD 029	2.9	22	50	2.9
SSTD 010	1	10	38	1	SSTD 030	3	22	50	3
SSTD 011	1.1	10	38	1.1	SSTD 031	3.1	25	50	3.1
SSTD 012	1.2	10	38	1.2	SSTD 032	3.2	25	50	3.2
SSTD 013	1.3	10	38	1.3	SSTD 033	3.3	25	50	3.3
SSTD 014	1.4	10	38	1.4	SSTD 034	3.4	25	50	3.4
SSTD 015	1.5	13	38	1.5	SSTD 035	3.5	25	50	3.5
SSTD 016	1.6	13	38	1.6	SSTD 036	3.6	28	55	3.6
SSTD 017	1.7	13	38	1.7	SSTD 037	3.7	28	55	3.7
SSTD 018	1.8	13	38	1.8	SSTD 038	3.8	28	55	3.8
SSTD 019	1.9	13	38	1.9	SSTD 039	3.9	28	55	3.9

► Applicable Working Material

○ : GOOD ◎ : EXCELLENT

H		P			K	N			M	S
Hardened Steel		Carbon Steel	Alloy Steel	Prehardened Steel	Cast Iron	Copper	Graphite	Aluminum	Stainless Steel	Heat Resistant Alloy
SKD61 ~HRc55	SKD11 HRc55~	~HB225	HB225 ~325	Steel HRc30~50	~FCD500					
		○				○		◎		

SSTD

Non-Ferrous TiN Coated Drill - Regular

Drill

EDP No	DC	LCF	OAL	DCONMS	EDP No	DC	LCF	OAL	DCONMS
SSTD 040	4	28	55	4	SSTD 074	7.4	45	80	7.4
SSTD 041	4.1	30	60	4.1	SSTD 075	7.5	45	80	7.5
SSTD 042	4.2	30	60	4.2	SSTD 076	7.6	50	85	7.6
SSTD 043	4.3	30	60	4.3	SSTD 077	7.7	50	85	7.7
SSTD 044	4.4	30	60	4.4	SSTD 078	7.8	50	85	7.8
SSTD 045	4.5	30	60	4.5	SSTD 079	7.9	50	85	7.9
SSTD 046	4.6	33	65	4.6	SSTD 080	8	50	85	8
SSTD 047	4.7	33	65	4.7	SSTD 081	8.1	50	85	8.1
SSTD 048	4.8	35	65	4.8	SSTD 082	8.2	50	85	8.2
SSTD 049	4.9	35	65	4.9	SSTD 083	8.3	50	85	8.3
SSTD 050	5	35	65	5	SSTD 084	8.4	50	85	8.4
SSTD 051	5.1	35	65	5.1	SSTD 085	8.5	50	85	8.5
SSTD 052	5.2	35	65	5.2	SSTD 086	8.6	50	95	8.6
SSTD 053	5.3	35	65	5.3	SSTD 087	8.7	50	95	8.7
SSTD 054	5.4	35	65	5.4	SSTD 088	8.8	50	95	8.8
SSTD 055	5.5	35	65	5.5	SSTD 089	8.9	50	95	8.9
SSTD 056	5.6	38	75	5.6	SSTD 090	9	50	95	9
SSTD 057	5.7	38	75	5.7	SSTD 091	9.1	50	95	9.1
SSTD 058	5.8	38	75	5.8	SSTD 092	9.2	50	95	9.2
SSTD 059	5.9	38	75	5.9	SSTD 093	9.3	50	95	9.3
SSTD 060	6	38	75	6	SSTD 094	9.4	50	95	9.4
SSTD 061	6.1	38	75	6.1	SSTD 095	9.5	50	95	9.5
SSTD 062	6.2	38	75	6.2	SSTD 096	9.6	50	95	9.6
SSTD 063	6.3	38	75	6.3	SSTD 097	9.7	50	95	9.7
SSTD 064	6.4	38	75	6.4	SSTD 098	9.8	50	95	9.8
SSTD 065	6.5	38	75	6.5	SSTD 099	9.9	55	100	9.9
SSTD 066	6.6	45	80	6.6	SSTD 100	10	55	100	10
SSTD 067	6.7	45	80	6.7	SSTD 101	10.1	55	115	10.1
SSTD 068	6.8	45	80	6.8	SSTD 102	10.2	55	115	10.2
SSTD 069	6.9	45	80	6.9	SSTD 103	10.3	55	115	10.3
SSTD 070	7	45	80	7	SSTD 104	10.4	55	115	10.4
SSTD 071	7.1	45	80	7.1	SSTD 105	10.5	55	115	10.5
SSTD 072	7.2	45	80	7.2	SSTD 106	10.6	60	115	10.6
SSTD 073	7.3	45	80	7.3	SSTD 107	10.7	60	115	10.7

► Applicable Working Material

○ : GOOD ◎ : EXCELLENT

H		P			K	N			M	S
Hardened Steel		Carbon Steel	Alloy Steel	Prehardened Steel	Cast Iron	Copper	Graphite	Aluminum	Stainless Steel	Heat Resistant Alloy
SKD61 ~HRC55	SKD11 HRC55~	~HB225	HB225 ~325	HRC30-50	~FCD500					
		○				○		◎		

EDP No	DC	LCF	OAL	DCONMS	EDP No	DC	LCF	OAL	DCONMS
SSTD 108	10.8	60	115	10.8	SSTD 118	11.8	65	120	11.8
SSTD 109	10.9	60	115	10.9	SSTD 119	11.9	65	120	11.9
SSTD 110	11	60	115	11	SSTD 120	12	65	120	12
SSTD 111	11.1	65	120	11.1	SSTD 124	12.4	70	125	12.4
SSTD 112	11.2	65	120	11.2	SSTD 125	12.5	70	125	12.5
SSTD 113	11.3	65	120	11.3	SSTD 130	13	75	130	13
SSTD 115	11.5	65	120	11.5					

Dolphin Drill

Dolphin Oil-Hole Drill

Power Max

Solid Spiral

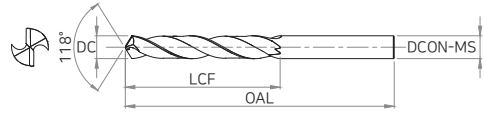
► Applicable Working Material

○ : GOOD ◎ : EXCELLENT

H		P			K	N			M	S
Hardened Steel		Carbon Steel	Alloy Steel	Prehardened Steel	Cast Iron	Copper	Graphite	Aluminum	Stainless Steel	Heat Resistant Alloy
SKD61 ~HRc55	SKD11 HRc55~	~HB225	HB225 ~325	HRc30~50	~FCD500					
		○				○		◎		

SSTDL Non-Ferrous TiN Coated Drill - Long

Drill



Dolphin Drill

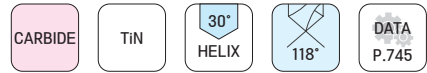
Dolphin Oil-Hole Drill

Power Max

Solid Spiral

► Tolerance

DC		Shank Dia
~ Ø3	0 ~ -0.014	h6
Ø3.1 ~ Ø6	0 ~ -0.018	
Ø6.1 ~ Ø10	0 ~ -0.022	



EDP No	DC	LCF	OAL	DCONMS	EDP No	DC	LCF	OAL	DCONMS
SSTDL 010	1	25	65	1	SSTDL 030	3	42	73	3
SSTDL 011	1.1	25	65	1.1	SSTDL 031	3.1	42	73	3.1
SSTDL 012	1.2	25	65	1.2	SSTDL 032	3.2	42	73	3.2
SSTDL 013	1.3	25	65	1.3	SSTDL 033	3.3	42	73	3.3
SSTDL 014	1.4	25	65	1.4	SSTDL 034	3.4	42	73	3.4
SSTDL 015	1.5	25	65	1.5	SSTDL 035	3.5	42	73	3.5
SSTDL 016	1.6	25	65	1.6	SSTDL 036	3.6	45	80	3.6
SSTDL 017	1.7	25	65	1.7	SSTDL 037	3.7	45	80	3.7
SSTDL 018	1.8	25	65	1.8	SSTDL 038	3.8	48	80	3.8
SSTDL 019	1.9	25	65	1.9	SSTDL 039	3.9	50	80	3.9
SSTDL 020	2	30	65	2	SSTDL 040	4	54	85	4
SSTDL 021	2.1	30	65	2.1	SSTDL 041	4.1	54	85	4.1
SSTDL 022	2.2	30	65	2.2	SSTDL 042	4.2	54	85	4.2
SSTDL 023	2.3	30	65	2.3	SSTDL 043	4.3	54	85	4.3
SSTDL 024	2.4	30	65	2.4	SSTDL 044	4.4	54	85	4.4
SSTDL 025	2.5	35	70	2.5	SSTDL 045	4.5	54	85	4.5
SSTDL 026	2.6	35	70	2.6	SSTDL 046	4.6	59	90	4.6
SSTDL 027	2.7	35	70	2.7	SSTDL 047	4.7	59	90	4.7
SSTDL 028	2.8	35	70	2.8	SSTDL 048	4.8	59	90	4.8
SSTDL 029	2.9	35	70	2.9	SSTDL 049	4.9	59	90	4.9

► Applicable Working Material

○ : GOOD ◎ : EXCELLENT

H		P			K	N			M	S
Hardened Steel		Carbon Steel	Alloy Steel	Prehardened Steel	Cast Iron	Copper	Graphite	Aluminum	Stainless Steel	Heat Resistant Alloy
SKD61 ~HRC55	SKD11 HRC55~	Steel ~HB225	Alloy Steel HB225 ~325	Prehardened Steel HRC30-50	Cast Iron ~FCD500	Copper	Graphite	Aluminum	Stainless Steel	Heat Resistant Alloy
		○				○		◎		

SSTDL Non-Ferrous TiN Coated Drill - Long

Drill

EDP No	DC	LCF	OAL	DCONMS	EDP No	DC	LCF	OAL	DCONMS
SSTDL 050	5	59	90	5	SSTDL 076	7.6	80	115	7.6
SSTDL 051	5.1	63	95	5.1	SSTDL 077	7.7	80	115	7.7
SSTDL 052	5.2	63	95	5.2	SSTDL 078	7.8	80	115	7.8
SSTDL 053	5.3	63	95	5.3	SSTDL 079	7.9	80	115	7.9
SSTDL 054	5.4	63	95	5.4	SSTDL 080	8	80	115	8
SSTDL 055	5.5	63	95	5.5	SSTDL 081	8.1	85	125	8.1
SSTDL 056	5.6	66	100	5.6	SSTDL 082	8.2	85	125	8.2
SSTDL 057	5.7	66	100	5.7	SSTDL 083	8.3	85	125	8.3
SSTDL 058	5.8	66	100	5.8	SSTDL 084	8.4	85	125	8.4
SSTDL 059	5.9	66	100	5.9	SSTDL 085	8.5	85	125	8.5
SSTDL 060	6	66	100	6	SSTDL 086	8.6	85	125	8.6
SSTDL 061	6.1	70	105	6.1	SSTDL 087	8.7	85	125	8.7
SSTDL 062	6.2	70	105	6.2	SSTDL 088	8.8	85	125	8.8
SSTDL 063	6.3	70	105	6.3	SSTDL 089	8.9	85	125	8.9
SSTDL 064	6.4	70	105	6.4	SSTDL 090	9	85	125	9
SSTDL 065	6.5	70	105	6.5	SSTDL 091	9.1	88	130	9.1
SSTDL 066	6.6	73	105	6.6	SSTDL 092	9.2	88	130	9.2
SSTDL 067	6.7	73	105	6.7	SSTDL 093	9.3	88	130	9.3
SSTDL 068	6.8	73	105	6.8	SSTDL 094	9.4	88	130	9.4
SSTDL 069	6.9	73	105	6.9	SSTDL 095	9.5	88	130	9.5
SSTDL 070	7	73	105	7	SSTDL 096	9.6	90	130	9.6
SSTDL 071	7.1	76	110	7.1	SSTDL 097	9.7	90	130	9.7
SSTDL 072	7.2	76	110	7.2	SSTDL 098	9.8	90	130	9.8
SSTDL 073	7.3	76	110	7.3	SSTDL 099	9.9	90	130	9.9
SSTDL 074	7.4	76	110	7.4	SSTDL 100	10	90	130	10
SSTDL 075	7.5	76	110	7.5					

Dolphin Drill

Dolphin Oil-Hole Drill

Power Max

Solid Spiral

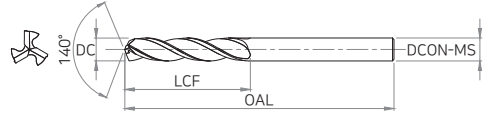
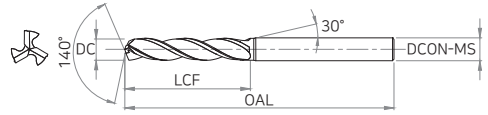
► Applicable Working Material

○ : GOOD ◎ : EXCELLENT

H		P			K	N			M	S
Hardened Steel		Carbon Steel	Alloy Steel	Prehardened Steel	Cast Iron	Copper	Graphite	Aluminum	Stainless Steel	Heat Resistant Alloy
SKD61 ~HRc55	SKD11 HRc55~	~HB225	HB225 ~325	HRc30~50	~FCD500					
		○				○		◎		

APF505 3F Aluminum Drill - 5D

Drill



► Tolerance

DC		Shank Dia
All Sizes	0 ~ -0.012	h6



EDP No	DC	LCF	OAL	DCONMS	EDP No	DC	LCF	OAL	DCONMS
APF505 030	3	20	60	3	APF505 055	5.5	35	75	6
APF505 03175	3.175	21.4	60.3	4	APF505 05556	5.556	34.9	76.2	6
APF505 03263	3.263	21.5	60.3	4	APF505 05613	5.613	34.9	76.2	6
APF505 035	3.5	22	63	4	APF505 05791	5.791	34.9	76.2	6
APF505 03572	3.572	23.8	63.5	4	APF505 05953	5.953	38.1	82.6	6
APF505 03967	3.967	23.8	63.5	4	APF505 060	6	38	82	6
APF505 040	4	24	65	4	APF505 06045	6.045	41.3	82.6	7
APF505 045	4.5	24	65	5	APF505 06146	6.146	41.3	82.6	7
APF505 04762	4.762	31.75	69.9	5	APF505 06248	6.248	41.3	82.6	7
APF505 04800	4.8	31.8	69.9	5	APF505 06350	6.35	41.3	82.6	7
APF505 04851	4.851	31.8	69.9	5	APF505 065	6.5	38	82	7
APF505 04914	4.914	31.75	69.9	5	APF505 06527	6.527	42.9	82.6	7
APF505 050	5	32	75	5	APF505 06629	6.629	42.9	88.9	7
APF505 05054	5.054	33.4	76.2	6	APF505 06746	6.746	42.9	88.9	7
APF505 05105	5.105	33.4	76.2	6	APF505 06756	6.756	42.9	88.9	7
APF505 05158	5.158	33.4	76.2	6	APF505 06908	6.908	42.9	88.9	7
APF505 05181	5.181	34.9	76.2	6	APF505 070	7	43	88	7
APF505 05219	5.219	34.9	76.2	6	APF505 07035	7.035	42.9	88.9	8
APF505 05308	5.308	34.9	76.2	6	APF505 07142	7.142	44.5	88.9	8
APF505 05410	5.41	34.9	76.2	6	APF505 07366	7.366	44.5	88.9	8

► Applicable Working Material

○ : GOOD ◎ : EXCELLENT

H		P			K	N			M	S
Hardened Steel		Carbon Steel	Alloy Steel	Prehardened Steel	Cast Iron	Copper	Graphite	Aluminum	Stainless Steel	Heat Resistant Alloy
SKD61 ~HRC55	SKD11 HRC55~	Steel ~HB225	Alloy Steel HB225 ~325	Prehardened Steel HRC30~50	Cast Iron ~FCD500	Copper	Graphite	Aluminum	Stainless Steel	Heat Resistant Alloy
		○				○		◎		

APF505 3F Aluminum Drill - 5D

Drill

EDP No	DC	LCF	OAL	DCONMS	EDP No	DC	LCF	OAL	DCONMS
APF505 075	7.5	44	95	8	APF505 10317	10.317	65.1	114.3	11
APF505 07541	7.541	47.6	95.3	8	APF505 105	10.5	67	114	11
APF505 07670	7.67	47.6	95.3	8	APF505 10716	10.716	68.3	114.3	11
APF505 07937	7.937	47.6	95.3	8	APF505 110	11	68	114	11
APF505 080	8	48	95	8	APF505 11112	11.112	71.4	120.7	12
APF505 08026	8.026	47.6	95.3	9	APF505 115	11.5	70	120	12
APF505 08204	8.204	53.2	95.3	9	APF505 11508	11.508	73	120.7	12
APF505 08333	8.333	53.2	101.6	9	APF505 11907	11.907	73	120.7	12
APF505 08432	8.432	53.2	101.6	9	APF505 120	12	73	120	12
APF505 085	8.5	53	100	9	APF505 12303	12.303	76.2	134.9	13
APF505 08610	8.61	53.2	101.6	9	APF505 125	12.5	75	135	13
APF505 08732	8.732	55.6	101.6	9	APF505 127	12.7	77.8	136.5	13
APF505 08839	8.839	55.6	101.6	9	APF505 130	13	78	136	13
APF505 090	9	55	100	9	APF505 13096	13.096	79.4	136.5	14
APF505 09093	9.093	57.9	108	10	APF505 13492	13.492	84.1	144.5	14
APF505 09128	9.128	57.9	108	10	APF505 13891	13.891	85.7	147.6	14
APF505 09347	9.347	57.9	108	10	APF505 140	14	86	148	14
APF505 095	9.5	58	108	10	APF505 14287	14.287	88.9	150.8	15
APF505 09525	9.525	60.3	108	10	APF505 14683	14.683	88.9	152.4	15
APF505 09575	9.575	60.3	108	10	APF505 150	15	90	152	15
APF505 09804	9.804	60.3	114.3	10	APF505 15082	15.082	90.5	152.4	16
APF505 09921	9.921	60.3	114.3	10	APF505 15478	15.478	93.7	157.2	16
APF505 100	10	60	114	10	APF505 15875	15.875	95.3	160.3	16
APF505 10083	10.083	63.5	114.3	11	APF505 160	16	95	160	16
APF505 10261	10.261	65.1	114.3	11					

Dolphin Drill

Dolphin Oil-Hole Drill

Power Max

Solid Spiral

▶ Applicable Working Material

○ : GOOD ◎ : EXCELLENT

H		P			K	N			M	S
Hardened Steel		Carbon Steel	Alloy Steel	Prehardened Steel	Cast Iron	Copper	Graphite	Aluminum	Stainless Steel	Heat Resistant Alloy
SKD61 ~HRc55	SKD11 HRc55~	~HB225	HB225 ~325	Steel HRc30~50	~FCD500					
		○				○		◎		