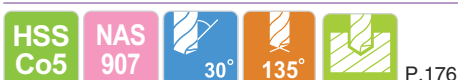
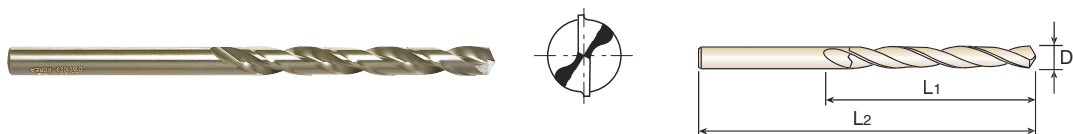


HSSCo5, AIRCRAFT EXTENSION DRILL 135° SPLIT POINT COLORING

- **Flute Geometry** : Right hand spiral, 30° helix
- **Point Angle** : 135°:Split point
- **Application** : Improved chip removal in most materials, especially in deep drilling applications.



► Letter sizes

Unit : Inch

EDP No.	Diameter		Flute Length	Overall Length	EDP No.	Diameter		Flute Length	Overall Length
	Letter	Decimal				Letter	Decimal		
	D1					D1			
* DL602101	A	.2340	2-5/8	6	* DL605101	A	.2340	2-5/8	12
** DL602102	B	.2380	2-3/4	6	** DL605102	B	.2380	2-3/4	12
** DL602103	C	.2420	2-3/4	6	** DL605103	C	.2420	2-3/4	12
** DL602104	D	.2460	2-3/4	6	** DL605104	D	.2460	2-3/4	12
** DL602105	E	.2500	2-3/4	6	** DL605105	E	.2500	2-3/4	12
** DL602106	F	.2570	2-7/8	6	** DL605106	F	.2570	2-7/8	12
** DL602107	G	.2610	2-7/8	6	** DL605107	G	.2610	2-7/8	12
** DL602108	H	.2660	2-7/8	6	** DL605108	H	.2660	2-7/8	12
** DL602109	I	.2720	2-7/8	6	** DL605109	I	.2720	2-7/8	12
** DL602110	J	.2770	2-7/8	6	** DL605110	J	.2770	2-7/8	12
** DL602111	K	.2810	2-15/16	6	** DL605111	K	.2810	2-15/16	12
** DL602112	L	.2900	2-15/16	6	** DL605112	L	.2900	2-15/16	12
** DL602113	M	.2950	3-1/16	6	** DL605113	M	.2950	3-1/16	12
** DL602114	N	.3020	3-1/16	6	** DL605114	N	.3020	3-1/16	12
** DL602115	O	.3160	3-3/16	6	** DL605115	O	.3160	3-3/16	12
** DL602116	P	.3230	3-5/16	6	** DL605116	P	.3230	3-5/16	12
** DL602117	Q	.3320	3-7/16	6	** DL605117	Q	.3320	3-7/16	12
** DL602118	R	.3390	3-7/16	6	** DL605118	R	.3390	3-7/16	12
** DL602119	S	.3480	3-1/2	6	** DL605119	S	.3480	3-1/2	12
** DL602120	T	.3580	3-1/2	6	** DL605120	T	.3580	3-1/2	12
** DL602121	U	.3680	3-5/8	6	** DL605121	U	.3680	3-5/8	12
** DL602122	V	.3770	3-5/8	6	** DL605122	V	.3770	3-5/8	12
** DL602123	W	.3860	3-3/4	6	** DL605123	W	.3860	3-3/4	12
** DL602124	X	.3970	3-3/4	6	** DL605124	X	.3970	3-3/4	12
** DL602125	Y	.4040	3-7/8	6	** DL605125	Y	.4040	3-7/8	12
** DL602126	Z	.4130	3-7/8	6	** DL605126	Z	.4130	3-7/8	12

► Tolerance : See page 170

* 10per package
** 5per package

◎ : Excellent ○ : Good

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~							
◎	○				○	○	○		○	○	○


HSS & HSSCo5, AIRCRAFT EXTENSION DRILL 135° SPLIT POINT
DL601, DL602, DL603, D1631, D1632, D1633 SERIES

WORK MATERIAL	CARBON STEELS		CARBON STEELS		CARBON STEELS		ALLOY STEELS		ALLOY STEELS	
HARDNESS			~ HRc23		~ HRc23 ~ 28		HRc23 ~ 34		HRc34 ~ 38	
STRENGTH	~ 570 N/mm ²		~ 830 N/mm ²		830 ~ 950 N/mm ²		830 ~ 1110 N/mm ²		1110 ~ 1260 N/mm ²	
DIAMETER	N	S	N	S	N	S	N	S	N	S
0 ~ 3/32	3380	.0010	2550	.0010	1900	.0006	2380	.0008	1400	.0006
3/32 ~ 5/32	2700	.0020	2000	.0020	1500	.0010	1880	.0020	1100	.0008
11/64 ~ 1/4	1700	.0025	1280	.0025	960	.0015	1190	.0025	700	.0010
17/64 ~ 23/64	1050	.0051	780	.0051	590	.0030	730	.0051	430	.0015
3/8 ~ 37/64	750	.0059	560	.0060	425	.0030	520	.0070	310	.0020
19/32 ~ 1	440	.0090	330	.0090	255	.0051	300	.0090	180	.0020
1 ~	260	.0110	195	.0110	145	.0070	180	.0070	107	.0030

WORK MATERIAL	STAINLESS STEELS		TITANIUM ALLOYS		TOOL STEELS		CAST IRON		ALUMINUM ALLOYS	
HARDNESS	HRc23						~ HRc21			
STRENGTH	830 N/mm ²		410 N/mm ²		~ 270 N/mm ²		~ 800 N/mm ²			
DIAMETER	N	S	N	S	N	S	N	S	N	S
0 ~ 3/32	2550	.0010	1400	.0008	3180	.0016	2250	.0010	6400	.0015
3/32 ~ 5/32	2000	.0020	1100	.0010	2500	.0020	2000	.0020	5000	.0025
11/64 ~ 1/4	1280	.0025	700	.0015	1590	.0025	1280	.0025	3200	.0030
17/64 ~ 23/64	780	.0051	430	.0030	970	.0051	780	.0051	2000	.0070
3/8 ~ 37/64	560	.0060	430	.0030	700	.0070	560	.0060	1400	.0078
19/32 ~ 1	330	.0090	180	.0051	440	.0090	330	.0090	820	.0118
1 ~	195	.0110	107	.0070	240	.1180	195	.0110	490	.0150

WORK MATERIAL	MAGNESIUM ALLOYS		ZINC ALLOYS		PLASTIC	
HARDNESS						
STRENGTH						
DIAMETER	N	S	N	S	N	S
0 ~ 3/32	8600	.0015	6400	.0015	3380	.0010
3/32 ~ 5/32	6800	.0025	5000	.0025	2700	.0020
11/64 ~ 1/4	4300	.0030	3200	.0030	1700	.0025
17/64 ~ 23/64	2600	.0070	2000	.0070	1050	.0051
3/8 ~ 37/64	1900	.0078	1400	.0078	750	.0060
19/32 ~ 1	1100	.0118	820	.0118	440	.0090
1 ~	660	.0150	490	.0150	260	.0110

N = R.P.M

S =Inch per Revolution(inch/rev.)