



# List 1750

V-SERIES HELIOS-10D



SPEED FEED  
348

HSS-Co

WXL

2 FLUTE

TAPER

40°

PACKED  
1 PIECE



Cutting Diameter Tolerance (h8)		
Size (mm)	mm	inch
1.6 ≤ D ≤ 3	+0 / -0.014	+0 / -0.0006
3 < D ≤ 6	+0 / -0.018	+0 / -0.0007
6 < D ≤ 10	+0 / -0.022	+0 / -0.0009
10 < D ≤ 17.859	+0 / -0.027	+0 / -0.0011

EDP Number		Diameter (D)					Flute Length	Overall Length	Shank Diameter	
		Fractional Size	Wire Gage	Letter Size	mm	Inch	FL (mm)	L (mm)	d (in)	d (mm)
8622816	●	-	-	-	1.600	0.06299	26.00	75.00	-	1.60
8622818	●	-	-	-	1.800	0.07087	26.00	75.00	-	1.80
17542411	●	5/64	-	-	1.984	0.07813	26.00	75.00	0.078	-
8622820	●	-	-	-	2.000	0.07874	26.00	75.00	-	2.00
8622821	●	-	-	-	2.100	0.08268	33.00	75.00	-	2.10
8622822	●	-	-	-	2.200	0.08661	33.00	75.00	-	2.20
8622823	●	-	-	-	2.300	0.09055	33.00	75.00	-	2.30
17543111	●	3/32	-	-	2.381	0.09375	33.00	75.00	0.094	-
8622824	●	-	-	-	2.400	0.09449	33.00	75.00	-	2.40
8622825	●	-	-	-	2.500	0.09843	33.00	75.00	-	2.50
8622826	●	-	-	-	2.600	0.10236	40.00	90.00	-	2.60
8622827	●	-	-	-	2.700	0.10630	40.00	90.00	-	2.70
17543811	●	7/64	-	-	2.778	0.10938	40.00	90.00	0.109	-
8622828	●	-	-	-	2.800	0.11024	40.00	90.00	-	2.80
8622829	●	-	-	-	2.900	0.11417	40.00	90.00	-	2.90
8622830	●	-	-	-	3.000	0.11811	40.00	90.00	-	3.00
8622831	●	-	-	-	3.100	0.12205	45.00	100.00	-	3.10
17544411	●	1/8	-	-	3.175	0.12500	45.00	100.00	0.125	-
8622832	●	-	-	-	3.200	0.12598	45.00	100.00	-	3.20
8622833	●	-	-	-	3.300	0.12992	45.00	100.00	-	3.30
8622834	●	-	-	-	3.400	0.13386	50.00	100.00	-	3.40
8622835	●	-	-	-	3.500	0.13780	50.00	100.00	-	3.50
17544711	●	9/64	-	-	3.572	0.14063	50.00	100.00	0.141	-
8622836	●	-	-	-	3.600	0.14173	50.00	100.00	-	3.60
8622837	●	-	-	-	3.700	0.14567	50.00	100.00	-	3.70
8622838	●	-	-	-	3.800	0.14961	50.00	100.00	-	3.80
8622839	●	-	-	-	3.900	0.15354	50.00	100.00	-	3.90
17545311	●	5/32	-	-	3.969	0.15625	50.00	100.00	0.156	-
8622840	●	-	-	-	4.000	0.15748	50.00	100.00	-	4.00
8622841	●	-	-	-	4.100	0.16142	55.00	115.00	-	4.10
8622842	●	-	-	-	4.200	0.16535	55.00	115.00	-	4.20
8622843	●	-	-	-	4.300	0.16929	60.00	115.00	-	4.30
17545911	●	11/64	-	-	4.366	0.17188	60.00	115.00	0.172	-
8622844	●	-	-	-	4.400	0.17323	60.00	115.00	-	4.40
8622845	●	-	-	-	4.500	0.17717	60.00	115.00	-	4.50
8622846	●	-	-	-	4.600	0.18110	60.00	115.00	-	4.60
8622847	●	-	-	-	4.700	0.18504	60.00	115.00	-	4.70
17546511	●	3/16	-	-	4.763	0.18750	65.00	115.00	0.188	-
8622848	●	-	-	-	4.800	0.18898	65.00	115.00	-	4.80
8622849	●	-	-	-	4.900	0.19291	65.00	115.00	-	4.90
8622850	●	-	-	-	5.000	0.19685	65.00	115.00	-	5.00
8622851	●	-	-	-	5.100	0.20079	70.00	128.00	-	5.10
17547211	●	13/64	-	-	5.159	0.20313	70.00	128.00	0.203	-

● Stocked ○ Available Upon Request; MOQ May Apply ▲ Globally Stocked



CONTINUED

P Steel					M Stainless Steel			K Cast Iron	N Non-Ferrous		S HRSA		H Hardened Steel			
Carbon Steel			Alloy Steel	Die Steel					Aluminum		Nickel Alloy	Titanium				
Low	Medium	High							6061	7075						
1010	1035	1065	4140		300	400	17-4 PH					~35 HRC	35-45 HRC	45-50 HRC	50-70 HRC	
1018	1045		4340													

○ Good ○ Best





## List 1750 (Continued)



SPEED FEED  
348

HSS-Co

WXL

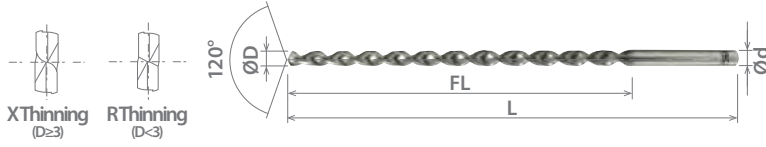
2 FLUTE

TAPER

40°

PACKED  
1 PIECE

V-SERIES HELIOS-10D



Cutting Diameter Tolerance (h8)		
Size (mm)	mm	inch
1.6 ≤ D ≤ 3	+0 / -0.014	+0 / -0.0006
3 < D ≤ 6	+0 / -0.018	+0 / -0.0007
6 < D ≤ 10	+0 / -0.022	+0 / -0.0009
10 < D ≤ 17.859	+0 / -0.027	+0 / -0.0011

ABOUT OSG

DRILLING

THREADING

MILLING

HOLDERS

INDEX

EDP Number		Diameter (D)					Flute Length	Overall Length	Shank Diameter	
		Fractional Size	Wire Gage	Letter Size	mm	Inch	FL (mm)	L (mm)	d (in)	d (mm)
8622852	●	-	-	-	5.200	0.20472	70.00	128.00	-	5.20
8622853	●	-	-	-	5.300	0.20866	70.00	128.00	-	5.30
8622854	●	-	-	-	5.400	0.21260	78.00	128.00	-	5.40
8622855	●	-	-	-	5.500	0.21654	78.00	128.00	-	5.50
17547711	●	7/32	-	-	5.556	0.21875	78.00	128.00	0.219	-
8622856	●	-	-	-	5.600	0.22047	78.00	128.00	-	5.60
8622857	●	-	-	-	5.700	0.22441	78.00	128.00	-	5.70
8622858	●	-	-	-	5.800	0.22835	78.00	128.00	-	5.80
8622859	●	-	-	-	5.900	0.23228	78.00	128.00	-	5.90
17548111	●	15/64	-	-	5.953	0.23438	78.00	128.00	0.234	-
8622860	●	-	-	-	6.000	0.23622	78.00	128.00	-	6.00
8622861	●	-	-	-	6.100	0.24016	87.00	140.00	-	6.10
8622862	●	-	-	-	6.200	0.24409	87.00	140.00	-	6.20
8622863	●	-	-	-	6.300	0.24803	87.00	140.00	-	6.30
17548511	●	1/4	-	E	6.350	0.25000	87.00	140.00	0.250	-
8622864	●	-	-	-	6.400	0.25197	87.00	140.00	-	6.40
8622865	●	-	-	-	6.500	0.25591	87.00	140.00	-	6.50
8622866	●	-	-	-	6.600	0.25984	87.00	140.00	-	6.60
8622867	●	-	-	-	6.700	0.26378	87.00	140.00	-	6.70
17548811	●	17/64	-	-	6.747	0.26563	90.00	140.00	0.266	-
8622868	●	-	-	-	6.800	0.26772	90.00	140.00	-	6.80
8622869	●	-	-	-	6.900	0.27165	90.00	140.00	-	6.90
8622870	●	-	-	-	7.000	0.27559	90.00	140.00	-	7.00
8622871	●	-	-	-	7.100	0.27953	100.00	155.00	-	7.10
17549111	●	9/32	-	-	7.144	0.28125	100.00	155.00	0.281	-
8622872	●	-	-	-	7.200	0.28346	100.00	155.00	-	7.20
8622873	●	-	-	-	7.300	0.28740	100.00	155.00	-	7.30
8622874	●	-	-	-	7.400	0.29134	100.00	155.00	-	7.40
8622875	●	-	-	-	7.500	0.29528	100.00	155.00	-	7.50
17549411	●	19/64	-	-	7.541	0.29688	105.00	155.00	0.297	-
8622876	●	-	-	-	7.600	0.29921	105.00	155.00	-	7.60
8622877	●	-	-	-	7.700	0.30315	105.00	155.00	-	7.70
8622878	●	-	-	-	7.800	0.30709	105.00	155.00	-	7.80
8622879	●	-	-	-	7.900	0.31102	105.00	155.00	-	7.90
17549611	●	5/16	-	-	7.938	0.31250	105.00	155.00	0.313	-
8622880	●	-	-	-	8.000	0.31496	105.00	155.00	-	8.00
8622881	●	-	-	-	8.100	0.31890	110.00	165.00	-	8.10
8622882	●	-	-	-	8.200	0.32284	110.00	165.00	-	8.20
8622883	●	-	-	-	8.300	0.32677	110.00	165.00	-	8.30
17549911	●	21/64	-	-	8.334	0.32813	110.00	165.00	0.656	-
8622884	●	-	-	-	8.400	0.33071	110.00	165.00	-	8.40
8622885	●	-	-	-	8.500	0.33465	110.00	165.00	-	8.50
8622886	●	-	-	-	8.600	0.33858	115.00	165.00	-	8.60
8622887	●	-	-	-	8.700	0.34252	115.00	165.00	-	8.70
17550211	●	11/32	-	-	8.731	0.34375	115.00	165.00	0.344	-
8622888	●	-	-	-	8.800	0.34646	115.00	165.00	-	8.80
8622889	●	-	-	-	8.900	0.35039	115.00	165.00	-	8.90
8622890	●	-	-	-	9.000	0.35433	115.00	165.00	-	9.00
8622891	●	-	-	-	9.100	0.35827	125.00	190.00	-	9.10
17550511	●	23/64	-	-	9.128	0.35938	125.00	190.00	0.359	-
8622892	●	-	-	-	9.200	0.36220	125.00	190.00	-	9.20
8622893	●	-	-	-	9.300	0.36614	125.00	190.00	-	9.30
8622894	●	-	-	-	9.400	0.37008	125.00	190.00	-	9.40

● Stocked ○ Available Upon Request; MOQ May Apply ▲ Globally Stocked





# List 1750 (Continued)

V-SERIES HELIOS-10D



<b>SPEED FEED</b> 348	<b>HSS-Co</b>	<b>WXL</b>	<b>2 FLUTE</b>	<b>TAPER</b>	<b>40°</b>	<b>PACKED</b> 1 PIECE
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EDP Number		Diameter (D)					Flute Length	Overall Length	Shank Diameter	
		Fractional Size	Wire Gage	Letter Size	mm	Inch	FL (mm)	L (mm)	d (in)	d (mm)
8622895	●	-	-	-	9.500	0.37402	125.00	190.00	-	9.50
17550711	●	3/8	-	-	9.525	0.37500	130.00	190.00	0.375	-
8622896	●	-	-	-	9.600	0.37795	130.00	190.00	-	9.60
8622897	●	-	-	-	9.700	0.38189	130.00	190.00	-	9.70
8622898	●	-	-	-	9.800	0.38583	130.00	190.00	-	9.80
8622899	●	-	-	-	9.900	0.38976	130.00	190.00	-	9.90
17551011	●	25/64	-	-	9.922	0.39063	130.00	190.00	0.391	-
8622900	●	-	-	-	10.000	0.39370	130.00	190.00	-	10.00
8622901	●	-	-	-	10.100	0.39764	140.00	205.00	-	10.10
8622902	●	-	-	-	10.200	0.40157	140.00	205.00	-	10.20
8622903	●	-	-	-	10.300	0.40551	140.00	205.00	-	10.30
17551311	●	13/32	-	-	10.319	0.40625	140.00	205.00	0.406	-
8622904	●	-	-	-	10.400	0.40945	140.00	205.00	-	10.40
8622905	●	-	-	-	10.500	0.41339	140.00	205.00	-	10.50
8622906	●	-	-	-	10.600	0.41732	145.00	205.00	-	10.60
8622907	●	-	-	-	10.700	0.42126	145.00	205.00	-	10.70
17551511	●	27/64	-	-	10.716	0.42188	145.00	205.00	0.422	-
8622908	●	-	-	-	10.800	0.42520	145.00	205.00	-	10.80
8622909	●	-	-	-	10.900	0.42913	145.00	205.00	-	10.90
8622910	●	-	-	-	11.000	0.43307	145.00	205.00	-	11.00
8622911	●	-	-	-	11.100	0.43701	155.00	215.00	-	11.10
17551611	●	7/16	-	-	11.113	0.43750	155.00	215.00	0.438	-
8622912	●	-	-	-	11.200	0.44094	155.00	215.00	-	11.20
8622913	●	-	-	-	11.300	0.44488	155.00	215.00	-	11.30
8622914	●	-	-	-	11.400	0.44882	155.00	215.00	-	11.40
8622915	●	-	-	-	11.500	0.45276	155.00	215.00	-	11.50
17551711	●	29/64	-	-	11.509	0.45313	155.00	215.00	0.453	-
8622916	●	-	-	-	11.600	0.45669	155.00	215.00	-	11.60
8622917	●	-	-	-	11.700	0.46063	155.00	215.00	-	11.70
8622918	●	-	-	-	11.800	0.46457	155.00	215.00	-	11.80
8622919	●	-	-	-	11.900	0.46850	155.00	215.00	-	11.90
17551811	●	15/32	-	-	11.906	0.46875	155.00	215.00	0.469	-
8622920	●	-	-	-	12.000	0.47244	155.00	215.00	-	12.00
17552011	●	1/2	-	-	12.700	0.50000	160.00	220.00	0.500	-
17525111	●	17/32	-	-	13.494	0.53125	175.00	225.00	0.531	-
17525311	●	9/16	-	-	14.288	0.56250	186.00	236.00	0.563	-
17525511	●	45/64	-	-	17.859	0.70313	233.00	283.00	0.703	-

● Stocked ○ Available Upon Request; MOQ May Apply ▲ Globally Stocked



P					M			K	N		S		H						
Steel					Stainless Steel			Cast Iron	Non-Ferrous		HRSA		Hardened Steel						
Carbon Steel			Alloy Steel	Die Steel					Aluminum	Nickel Alloy	Titanium								
Low	Medium	High			300	400	17-4 PH					6061 7075	Casting	Inconel	6Al4V (30 HRC)	~35 HRC	35-45 HRC	45-50 HRC	50-70 HRC
○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○

○ Good ○ Best

