

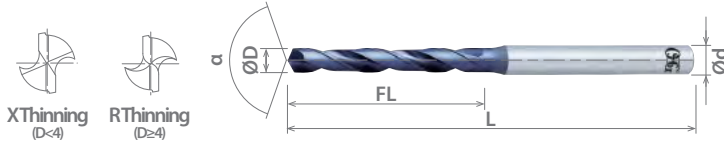


## List 1950

V-SERIES VPH-GDR

<b>SPEED FEED</b> 342-343	<b>XPM</b>	<b>V</b>	<b>2 FLUTE</b>	<b>JOBBER</b>	<b>30°</b>	<b>PACKED</b> 1 PIECE
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Cutting Diameter Tolerance (h8)		
Size (mm)	mm	inch
1.99 ≤ 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 ≤ 17.463	+0 / -0.027	+0 / -0.0011



EDP Number		Diameter (D)					Flute Length FL (mm)	Overall Length L (mm)	Shank Diameter d (mm)	Point Angle α
		Fractional Size	Wire Gage	Letter Size	mm	Inch				
8612199	●	-	47	-	1.994	0.07850	24.00	56.00	3.00	130
8612206	●	-	46	-	2.057	0.08100	24.00	56.00	3.00	130
8612208	●	-	45	-	2.083	0.08200	24.00	56.00	3.00	130
8612218	●	-	44	-	2.184	0.08600	27.00	59.00	3.00	130
8612226	●	-	43	-	2.261	0.08900	27.00	59.00	3.00	130
8612237	●	-	42	-	2.375	0.09350	30.00	62.00	3.00	130
8612238	●	3/32	-	-	2.381	0.09375	30.00	62.00	3.00	130
8612244	●	-	41	-	2.438	0.09600	30.00	62.00	3.00	130
8612249	●	-	40	-	2.489	0.09800	30.00	62.00	3.00	130
8612253	●	-	39	-	2.527	0.09950	30.00	62.00	3.00	130
8612258	●	-	38	-	2.578	0.10150	30.00	62.00	3.00	130
8612264	●	-	37	-	2.642	0.10400	30.00	62.00	3.00	130
8612271	●	-	36	-	2.705	0.10650	33.00	65.00	3.00	130
8612278	●	7/64	-	-	2.778	0.10938	33.00	65.00	3.00	130
8612279	●	-	35	-	2.794	0.11000	33.00	65.00	3.00	130
8612282	●	-	34	-	2.819	0.11100	33.00	65.00	3.00	130
8612287	●	-	33	-	2.870	0.11300	33.00	65.00	3.00	130
8612295	●	-	32	-	2.946	0.11600	33.00	65.00	3.00	130
8612305	●	-	31	-	3.048	0.12000	36.00	68.00	4.00	130
8612317	●	1/8	-	-	3.175	0.12500	36.00	68.00	4.00	130
8612326	●	-	30	-	3.264	0.12850	36.00	68.00	4.00	130
8612345	●	-	29	-	3.454	0.13600	39.00	71.00	4.00	130
8612357	●	9/64	-	-	3.572	0.14063	39.00	71.00	4.00	130
8612366	●	-	27	-	3.658	0.14400	39.00	71.00	4.00	130
8612373	●	-	26	-	3.734	0.14700	39.00	71.00	4.00	130
8612380	●	-	25	-	3.797	0.14950	43.00	75.00	4.00	130
8612386	●	-	24	-	3.861	0.15200	43.00	75.00	4.00	130
8612391	●	-	23	-	3.912	0.15400	43.00	75.00	4.00	130
8612397	●	5/32	-	-	3.969	0.15625	43.00	75.00	4.00	130
8612399	●	-	22	-	3.988	0.15700	43.00	75.00	4.00	130
8612404	●	-	21	-	4.039	0.15900	43.00	87.00	6.00	130
8612409	●	-	20	-	4.089	0.16100	43.00	87.00	6.00	130
8612422	●	-	19	-	4.216	0.16600	43.00	87.00	6.00	130
8612430	●	-	-	-	4.300	0.16929	47.00	91.00	6.00	130
8612437	●	11/64	-	-	4.366	0.17188	47.00	91.00	6.00	130
8612439	●	-	17	-	4.394	0.17300	47.00	91.00	6.00	130
8612450	●	-	16	-	4.496	0.17700	47.00	91.00	6.00	130
8612457	●	-	15	-	4.572	0.18000	47.00	91.00	6.00	130
8612462	●	-	14	-	4.623	0.18200	47.00	91.00	6.00	130
8612470	●	-	13	-	4.699	0.18500	47.00	91.00	6.00	130
8612476	●	3/16	-	-	4.763	0.18750	52.00	96.00	6.00	130
8612480	●	-	12	-	4.801	0.18900	52.00	96.00	6.00	130
8612485	●	-	11	-	4.851	0.19100	52.00	96.00	6.00	130
8612491	●	-	-	-	4.910	0.19331	52.00	96.00	6.00	130
8612498	●	-	9	-	4.978	0.19600	52.00	96.00	6.00	130
8612505	●	-	8	-	5.055	0.19900	52.00	96.00	6.00	130
8612511	●	-	7	-	5.105	0.20100	52.00	96.00	6.00	130
8612516	●	13/64	-	-	5.159	0.20313	52.00	96.00	6.00	130
8612518	●	-	6	-	5.182	0.20400	52.00	96.00	6.00	130
8612522	●	-	5	-	5.220	0.20550	52.00	96.00	6.00	130
8612531	●	-	4	-	5.309	0.20900	57.00	101.00	6.00	130
8612541	●	-	3	-	5.410	0.21300	57.00	101.00	6.00	130
8612556	●	7/32	-	-	5.556	0.21875	57.00	101.00	6.00	130

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



## List 1950 (Continued)

V-SERIES VPH-GDR

<b>SPEED FEED</b> 342-343	<b>XPM</b>	<b>V</b>	<b>2 FLUTE</b>	<b>JOBBER</b>	<b>30°</b>	<b>PACKED</b> 1 PIECE
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EDP Number		Diameter (D)					Flute Length	Overall Length	Shank Diameter	Point Angle
		Fractional Size	Wire Gage	Letter Size	mm	Inch				
8612561	●	-	2	-	5.613	0.22100	57.00	101.00	6.00	130
8612579	●	-	1	-	5.791	0.22800	57.00	101.00	6.00	130
8612594	●	-	-	A	5.944	0.23400	57.00	101.00	6.00	130
8612595	●	15/64	-	-	5.953	0.23438	57.00	101.00	6.00	130
8612604	●	-	-	-	6.040	0.23780	63.00	107.00	8.00	130
8612615	●	-	-	C	6.147	0.24200	63.00	107.00	8.00	130
8612625	●	-	-	D	6.248	0.24600	63.00	107.00	8.00	130
8612635	●	1/4	-	E	6.350	0.25000	63.00	107.00	8.00	130
8612653	●	-	-	F	6.528	0.25700	63.00	107.00	8.00	130
8612663	●	-	-	G	6.629	0.26100	63.00	107.00	8.00	130
8612675	●	17/64	-	-	6.747	0.26563	69.00	113.00	8.00	130
8612690	●	-	-	I	6.909	0.27200	69.00	113.00	8.00	130
8612703	●	-	-	J	7.036	0.27700	69.00	113.00	8.00	130
8612714	●	9/32	-	-	7.144	0.28125	69.00	113.00	8.00	130
8612737	●	-	-	L	7.366	0.29000	69.00	113.00	8.00	130
8612749	●	-	-	M	7.493	0.29500	69.00	113.00	8.00	130
8612754	●	19/64	-	-	7.541	0.29688	75.00	119.00	8.00	130
8612767	●	-	-	N	7.671	0.30200	75.00	119.00	8.00	130
8612794	●	5/16	-	-	7.938	0.31250	75.00	119.00	8.00	130
8612803	●	-	-	O	8.026	0.31600	75.00	125.00	10.00	130
8612820	●	-	-	P	8.204	0.32300	75.00	125.00	10.00	130
8612833	●	21/64	-	-	8.334	0.32813	75.00	125.00	10.00	130
8612843	●	-	-	Q	8.433	0.33200	75.00	125.00	10.00	130
8612861	●	-	-	R	8.611	0.33900	81.00	131.00	10.00	130
8612873	●	11/32	-	-	8.731	0.34375	81.00	131.00	10.00	130
8612884	●	-	-	S	8.839	0.34800	81.00	131.00	10.00	130
8612909	●	-	-	T	9.093	0.35800	81.00	131.00	10.00	130
8612913	●	23/64	-	-	9.128	0.35938	81.00	131.00	10.00	130
8612934	●	-	-	-	9.340	0.36772	81.00	131.00	10.00	130
8612952	●	3/8	-	-	9.525	0.37500	87.00	137.00	10.00	130
8612957	●	-	-	V	9.576	0.37700	87.00	137.00	10.00	130
8612980	●	-	-	W	9.804	0.38600	87.00	137.00	10.00	130
8612992	●	25/64	-	-	9.922	0.39063	87.00	137.00	10.00	130
8613008	●	-	-	X	10.084	0.39700	87.00	144.00	12.00	130
8613026	●	-	-	Y	10.262	0.40400	87.00	144.00	12.00	130
8613032	●	13/32	-	-	10.319	0.40625	87.00	144.00	12.00	130
8613049	●	-	-	Z	10.490	0.41300	87.00	144.00	12.00	130
8613072	●	27/64	-	-	10.716	0.42188	94.00	151.00	12.00	130
8613111	●	7/16	-	-	11.113	0.43750	94.00	151.00	12.00	130
8613151	●	29/64	-	-	11.509	0.45313	94.00	151.00	12.00	130
8613191	●	15/32	-	-	11.906	0.46875	101.00	158.00	12.00	130
8613230	●	31/64	-	-	12.303	0.48438	101.00	158.00	12.00	130
8613270	●	1/2	-	-	12.700	0.50000	101.00	158.00	12.00	130
8613349	●	17/32	-	-	13.494	0.53125	106.00	166.00	16.00	120
8613429	●	9/16	-	-	14.288	0.56250	109.00	169.00	16.00	120
8613588	●	5/8	-	-	15.875	0.62500	115.00	175.00	16.00	120
8613667	●	21/32	-	-	16.669	0.65625	115.00	181.00	20.00	120
8613746	●	11/16	-	-	17.463	0.68750	118.00	184.00	20.00	120

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EXD

P Steel					M			K	N		S		H			
Carbon Steel			Alloy Steel	Die Steel	Stainless Steel			Cast Iron	Non-Ferrous		HRSA		Hardened Steel			
Low	Medium	High			300	400	17-4 PH		Aluminum	Nickel Alloy	Titanium	~35 HRC	35-45 HRC	45-50 HRC	50-70 HRC	
1010	1035	1065	4140	4340				6061	7075	Casting	Inconel	6Al4V (30 HRC)				
○	○	○	○	○				○	○	○	○	○	○	○	○	○

○ Good ○ Best

