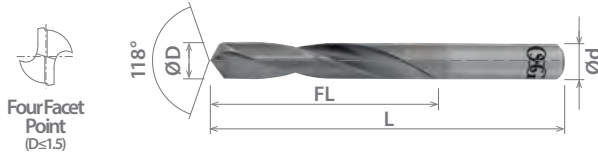


List 220D

OSG CARBIDE TWIST DRILL

SPEED FEED 338-340	CARBIDE	BR	2 FLUTE	JOBBER	20°	PACKED 1 PIECE
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Cutting Diameter Tolerance		
Size (mm)	mm	inch
1.18 ≤ D ≤ 12.7	+0 / -0.013	+0 / -0.0005



EDP Number		Diameter (D)					Flute Length FL (mm)	Overall Length L (mm)	Shank Diameter	
		Fractional Size	Wire Gage	Letter Size	mm	Inch			d (in)	d (mm)
220-0465	●	-	56	-	1.181	0.04650	19.05	38.10	-	1.18
220-0469	●	3/64	-	-	1.191	0.04688	19.05	38.10	0.047	-
220-0520	●	-	55	-	1.321	0.05200	19.05	38.10	-	1.32
220-0550	●	-	54	-	1.397	0.05500	19.05	38.10	-	1.40
220-0591	●	-	-	-	1.500	0.05906	19.05	38.10	-	1.50
220-0595	●	-	53	-	1.511	0.05950	19.05	38.10	-	1.51
220-0625	●	1/16	-	-	1.588	0.06250	19.05	38.10	0.063	-
220-0635	●	-	52	-	1.613	0.06350	19.05	38.10	-	1.61
220-0670	●	-	51	-	1.702	0.06700	19.05	38.10	-	1.70
220-0700	●	-	50	-	1.778	0.07000	22.23	44.45	-	1.78
220-0730	●	-	49	-	1.854	0.07300	22.23	44.45	-	1.85
220-0760	●	-	48	-	1.930	0.07600	22.23	44.45	-	1.93
220-0781	●	5/64	-	-	1.984	0.07813	22.23	44.45	0.078	-
220-0785	●	-	47	-	1.994	0.07850	22.23	44.45	-	1.99
220-0787	●	-	47	-	2.000	0.07874	22.23	44.45	-	2.00
220-0810	●	-	46	-	2.057	0.08100	22.23	44.45	-	2.06
220-0820	●	-	45	-	2.083	0.08200	22.23	44.45	-	2.08
220-0860	●	-	44	-	2.184	0.08600	25.40	50.80	-	2.18
220-0890	●	-	43	-	2.261	0.08900	25.40	50.80	-	2.26
220-0935	●	-	42	-	2.375	0.09350	25.40	50.80	-	2.37
220-0938	●	3/32	-	-	2.291	0.09375	25.40	50.80	0.094	-
220-0960	●	-	41	-	2.438	0.09600	25.40	50.80	-	2.44
220-0980	●	-	40	-	2.489	0.09800	25.40	50.80	-	2.49
220-0984	●	-	-	-	2.500	0.09843	25.40	50.80	-	2.50
220-0995	●	-	39	-	2.527	0.09950	31.75	57.15	-	2.53
220-1015	●	-	38	-	2.578	0.10150	31.75	57.15	-	2.58
220-1040	●	-	37	-	2.642	0.10400	31.75	57.15	-	2.64
220-1065	●	-	36	-	2.705	0.10650	31.75	57.15	-	2.71
220-1094	●	7/64	-	-	2.778	0.10938	31.75	57.15	0.109	-
220-1100	●	-	35	-	2.794	0.11000	31.75	57.15	-	2.79
220-1110	●	-	34	-	2.819	0.11100	31.75	57.15	-	2.82
220-1130	●	-	33	-	2.870	0.11300	31.75	57.15	-	2.87
220-1160	●	-	32	-	2.946	0.11600	31.75	57.15	-	2.95
220-1181	●	-	-	-	3.000	0.11811	31.75	57.15	-	3.00
220-1200	●	-	31	-	3.048	0.12000	31.75	57.15	-	3.05
220-1250	●	1/8	-	-	3.175	0.12500	31.75	57.15	0.125	-
220-1285	●	-	30	-	3.264	0.12850	31.75	57.15	-	3.26
220-1360	●	-	29	-	3.454	0.13600	34.93	63.50	-	3.45
220-1378	●	-	-	-	3.500	0.13780	34.93	63.50	-	3.50
220-1405	●	-	28	-	3.569	0.14050	34.93	63.50	-	3.57
220-1406	●	9/64	-	-	3.572	0.14063	34.93	63.50	0.141	-
220-1440	●	-	27	-	3.658	0.14400	34.93	63.50	-	3.66
220-1470	●	-	26	-	3.734	0.14700	34.93	63.50	-	3.73
220-1495	●	-	25	-	3.797	0.14950	34.93	63.50	-	3.80
220-1520	●	-	24	-	3.861	0.15200	34.93	63.50	-	3.86
220-1540	●	-	23	-	3.912	0.15400	34.93	63.50	-	3.91
220-1562	●	5/32	-	-	3.969	0.15625	34.93	63.50	0.156	-

● Stocked ○ Available Upon Request; MOQ May Apply ▲ Globally Stocked
 Note: Other coatings are available upon request.



CONTINUED

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		
1010	1018	1035	1045	1065	4140	4340													
○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○

○ Good ⊗ Best



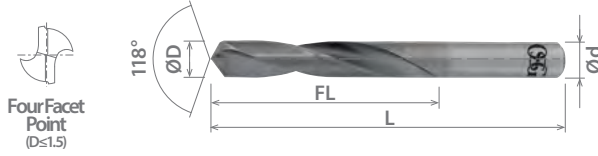


List 220D (Continued)

OSG CARBIDE TWIST DRILL

SPEED FEED 338-340	CARBIDE	BR	2 FLUTE	JOBBER	20°	PACKED 1 PIECE
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Cutting Diameter Tolerance		
Size (mm)	mm	inch
1.18 ≤ D ≤ 12.7	+0 / -0.013	+0 / -0.0005



EDP Number	Diameter (D)					Flute Length FL (mm)	Overall Length L (mm)	Shank Diameter	
	Fractional Size	Wire Gage	Letter Size	mm	Inch			d (in)	d (mm)
220-1570	-	22	-	3.988	0.15700	34.93	63.50	-	3.99
220-1575	-	-	-	4.000	0.15748	34.93	63.50	-	4.00
220-1590	-	21	-	4.039	0.15900	34.93	63.50	-	4.04
220-1610	-	20	-	4.089	0.16100	34.93	63.50	-	4.09
220-1660	-	19	-	4.216	0.16600	41.28	69.85	-	4.22
220-1695	-	18	-	4.305	0.16950	41.28	69.85	-	4.31
220-1719	11/64	-	-	4.366	0.17188	41.28	69.85	0.172	-
220-1730	-	17	-	4.394	0.17300	41.28	69.85	-	4.39
220-1770	-	16	-	4.496	0.17700	41.28	69.85	-	4.50
220-1772	-	-	-	4.500	0.17720	41.28	69.85	-	4.50
220-1800	-	15	-	4.572	0.18000	41.28	69.85	-	4.57
220-1820	-	14	-	4.623	0.18200	41.28	69.85	-	4.62
220-1850	-	13	-	4.699	0.18500	41.28	69.85	-	4.70
220-1875	3/16	-	-	4.763	0.18750	41.28	69.85	0.188	-
220-1890	-	12	-	4.801	0.18900	41.28	69.85	-	4.80
220-1910	-	11	-	4.851	0.19100	41.28	69.85	-	4.85
220-1935	-	10	-	4.915	0.19350	41.28	69.85	-	4.91
220-1960	-	9	-	4.978	0.19600	44.45	76.20	-	4.98
220-1968	-	-	-	5.000	0.19685	44.45	76.20	-	5.00
220-1990	-	8	-	5.055	0.19900	44.45	76.20	-	5.05
220-2010	-	7	-	5.105	0.20100	44.45	76.20	-	5.11
220-2031	13/64	-	-	5.159	0.20313	44.45	76.20	0.203	-
220-2040	-	6	-	5.182	0.20400	44.45	76.20	-	5.18
220-2055	-	5	-	5.220	0.20550	44.45	76.20	-	5.22
220-2090	-	4	-	5.309	0.20900	44.45	76.20	-	5.31
220-2130	-	3	-	5.410	0.21300	44.45	76.20	-	5.41
220-2165	-	-	-	5.500	0.21654	44.45	76.20	-	5.50
220-2188	7/32	-	-	5.556	0.21875	44.45	76.20	0.219	-
220-2210	-	2	-	5.613	0.22100	44.45	76.20	-	5.61
220-2280	-	1	-	5.791	0.22800	44.45	76.20	-	5.79
220-2340	-	-	A	5.944	0.23400	50.80	82.55	-	5.94
220-2344	15/64	-	-	5.953	0.23438	50.80	82.55	0.234	-
220-2362	-	-	-	6.000	0.23622	50.80	82.55	-	6.00
220-2380	-	-	B	6.045	0.23800	50.80	82.55	-	6.05
220-2420	-	-	C	6.147	0.24200	50.80	82.55	-	6.15
220-2460	-	-	D	6.248	0.24600	50.80	82.55	-	6.25
220-2500	1/4	-	E	6.350	0.25000	50.80	82.55	0.250	-
220-2559	-	-	F	6.500	0.25591	50.80	82.55	-	6.50
220-2570	-	-	F	6.528	0.25700	50.80	82.55	-	6.53
220-2610	-	-	G	6.629	0.26100	53.98	88.90	-	6.63
220-2656	17/64	-	-	6.747	0.26563	53.98	88.90	0.266	-
220-2660	-	-	H	6.756	0.26600	53.98	88.90	-	6.76
220-2720	-	-	I	6.909	0.27200	53.98	88.90	-	6.91
220-2756	-	-	-	7.000	0.27559	53.98	88.90	-	7.00
220-2770	-	-	J	7.036	0.27700	53.98	88.90	-	7.04
220-2810	-	-	K	7.137	0.28100	53.98	88.90	-	7.14
220-2812	9/32	-	-	7.144	0.28125	53.98	88.90	0.281	-
220-2900	-	-	L	7.366	0.29000	53.98	88.90	-	7.37
220-2950	-	-	M	7.493	0.29500	60.33	95.25	-	7.49
220-2953	-	-	-	7.500	0.29528	60.33	95.25	-	7.50
220-2969	19/64	-	-	7.541	0.29688	60.33	95.25	0.297	-
220-3020	-	-	N	7.671	0.30200	60.33	95.25	-	7.67
220-3125	5/16	-	-	7.938	0.31250	60.33	95.25	-	7.94
220-3150	-	-	-	8.000	0.31496	60.33	95.25	-	8.00
220-3160	-	-	O	8.026	0.31600	60.33	95.25	-	8.03
220-3230	-	-	P	8.204	0.32300	60.33	95.25	-	8.20
220-3281	21/64	-	-	8.334	0.32813	63.50	101.60	0.656	-

● Stocked ○ Available Upon Request; MOQ May Apply ▲ Globally Stocked
 Note: Other coatings are available upon request.



List 220D (Continued)

OSG CARBIDE TWIST DRILL

SPEED FEED 338-340	CARBIDE	BR	2 FLUTE	JOBBER	20°	PACKED 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)
220-3320	●	-	-	Q	8.433	0.33200	63.50	101.60	-	8.43
220-3346	●	-	-	-	8.500	0.33465	63.50	101.60	-	8.50
220-3390	●	-	-	R	8.611	0.33900	63.50	101.60	-	8.61
220-3438	●	11/32	-	-	8.731	0.34375	63.50	101.60	0.344	-
220-3480	●	-	-	S	8.839	0.34800	63.50	101.60	-	8.84
220-3543	●	-	-	-	9.000	0.35433	63.50	101.60	-	9.00
220-3580	●	-	-	T	9.093	0.35800	69.85	107.95	-	9.09
220-3594	●	23/64	-	-	9.128	0.35938	63.50	101.60	0.359	-
220-3680	●	-	-	U	9.347	0.36800	69.85	107.95	-	9.35
220-3740	●	-	-	-	9.500	0.37402	69.85	107.95	-	9.50
220-3750	●	3/8	-	-	9.525	0.37500	69.85	107.95	-	9.53
220-3770	●	-	-	V	9.576	0.37700	69.85	107.95	-	9.58
220-3860	●	-	-	W	9.804	0.38600	73.03	114.30	-	9.80
220-3906	●	25/64	-	-	9.922	0.39063	73.03	114.30	0.391	-
220-3937	●	-	-	-	10.000	0.39370	73.03	114.30	-	10.00
220-3970	●	-	-	X	10.084	0.39700	73.03	114.30	-	10.08
220-4040	●	-	-	Y	10.262	0.40400	73.03	114.30	-	10.26
220-4062	●	13/32	-	-	10.319	0.40625	73.03	114.30	0.406	-
220-4130	●	-	-	Z	10.490	0.41300	73.03	114.30	-	10.49
220-4134	●	-	-	-	10.500	0.41339	73.03	114.30	-	10.50
220-4219	●	27/64	-	-	10.716	0.42188	73.03	114.30	0.266	-
220-4331	●	-	-	-	11.000	0.43307	73.03	114.30	-	11.00
220-4375	●	7/16	-	-	11.113	0.43750	73.03	114.30	0.438	-
220-4528	●	-	-	-	11.500	0.45276	76.20	120.65	-	11.50
220-4531	●	29/64	-	-	11.509	0.45313	76.20	120.65	0.453	-
220-4688	●	15/32	-	-	11.906	0.46875	76.20	120.65	0.469	-
220-4724	●	-	-	-	12.000	0.47244	76.20	120.65	-	12.00
220-4844	●	31/64	-	-	12.303	0.48438	76.20	120.65	0.484	-
220-5000	●	1/2	-	-	12.700	0.50000	76.20	120.65	0.250	-

● Stocked ○ Available Upon Request; MOQ May Apply ▲ Globally Stocked
Note: Other coatings are available upon request.



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	Hardened Steel						
Low	Medium	High			6061	Casting				Inconel	6Al4V (30 HRC)	~35 HRC	35-45 HRC	45-50 HRC	50-70 HRC	
1010	1035	1065	4140	4340	300	400	17-4 PH	6061	7075							
○	○	○	○	○		○	○	○	○	○			○			

○ Good ○ Best

