



EXOCARB® MAX-MINI

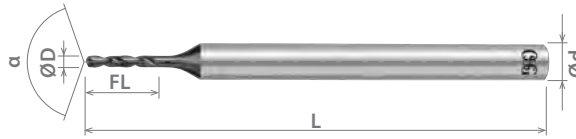
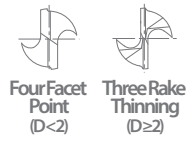
High Performance Micro Carbide Drills

List 5330

EXOCARB® WX-MS-GDS, Precision Drill

SPEED FEED 332	CARBIDE	TiAIN	2 FLUTE	JOBBER	30°	SHANK h6	PACKED 1 PIECE
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Cutting Diameter Tolerance		
Size (mm)	mm	inch
0.2 ≤ D ≤ 5	+0 / -0.010	+0 / -0.0004



ABOUT OSG

DRILLING

THREADING

MILLING

HOLDERS

INDEX

EDP Number		Diameter (D)					Flute Length	Overall Length	Shank Diameter	Point Angle
		Fractional Size	Wire Gage	Letter Size	mm	Inch	FL (mm)	L (mm)	d (mm)	α
3300020	●	-	-	-	0.200	0.00787	1.50	38.00	3.00	140
3300021	●	-	-	-	0.210	0.00827	1.50	38.00	3.00	140
3300022	●	-	-	-	0.220	0.00866	1.50	38.00	3.00	140
3300023	●	-	-	-	0.230	0.00906	1.50	38.00	3.00	140
3300024	●	-	-	-	0.240	0.00945	1.50	38.00	3.00	140
3300025	●	-	-	-	0.250	0.00984	1.50	38.00	3.00	140
3300026	●	-	-	-	0.260	0.01024	1.50	38.00	3.00	140
3300027	●	-	-	-	0.270	0.01063	1.50	38.00	3.00	140
3300028	●	-	-	-	0.280	0.01102	1.50	38.00	3.00	140
3300029	●	-	-	-	0.290	0.01142	1.50	38.00	3.00	140
3300030	●	-	-	-	0.300	0.01181	1.50	38.00	3.00	140
3300031	●	-	-	-	0.310	0.01220	2.00	38.00	3.00	140
3300032	●	-	-	-	0.320	0.01260	2.00	38.00	3.00	140
3300033	●	-	-	-	0.330	0.01299	2.00	38.00	3.00	140
3300034	●	-	-	-	0.340	0.01339	2.00	38.00	3.00	140
3300035	●	-	-	-	0.350	0.01378	2.00	38.00	3.00	140
3300036	●	-	-	-	0.360	0.01417	2.00	38.00	3.00	140
3300037	●	-	-	-	0.370	0.01457	2.00	38.00	3.00	140
3300038	●	-	-	-	0.380	0.01496	2.00	38.00	3.00	140
3300039	●	-	-	-	0.390	0.01535	2.50	38.00	3.00	140
3300040	●	-	-	-	0.400	0.01575	2.50	38.00	3.00	140
3300041	●	-	-	-	0.410	0.01614	2.50	38.00	3.00	140
3300042	●	-	-	-	0.420	0.01654	2.50	38.00	3.00	140
3300043	●	-	-	-	0.430	0.01693	2.50	38.00	3.00	140
3300044	●	-	-	-	0.440	0.01732	2.50	38.00	3.00	140
3300045	●	-	-	-	0.450	0.01772	2.50	38.00	3.00	140
3300046	●	-	-	-	0.460	0.01811	2.50	38.00	3.00	140
3300047	●	-	-	-	0.470	0.01850	2.50	38.00	3.00	140
3300048	●	-	-	-	0.480	0.01890	2.50	38.00	3.00	140
3300049	●	-	-	-	0.490	0.01929	3.00	38.00	3.00	140
3300050	●	-	-	-	0.500	0.01969	3.00	38.00	3.00	140
3300051	●	-	-	-	0.510	0.02008	3.00	38.00	3.00	140
3300052	●	-	-	-	0.520	0.02047	3.00	38.00	3.00	140
3300053	●	-	-	-	0.530	0.02087	3.00	38.00	3.00	140
3300054	●	-	-	-	0.540	0.02126	3.50	38.00	3.00	140
3300055	●	-	-	-	0.550	0.02165	3.50	38.00	3.00	140
3300056	●	-	-	-	0.560	0.02205	3.50	38.00	3.00	140
3300057	●	-	-	-	0.570	0.02244	3.50	38.00	3.00	140
3300058	●	-	-	-	0.580	0.02283	3.50	38.00	3.00	140
3300059	●	-	-	-	0.590	0.02323	3.50	38.00	3.00	140
3300060	●	-	-	-	0.600	0.02362	3.50	38.00	3.00	140
3300061	●	-	-	-	0.610	0.02402	4.00	38.00	3.00	140
3300062	●	-	-	-	0.620	0.02441	4.00	38.00	3.00	140
3300063	●	-	-	-	0.630	0.02480	4.00	38.00	3.00	140
3300064	●	-	-	-	0.640	0.02520	4.00	38.00	3.00	140
3300065	●	-	-	-	0.650	0.02559	4.00	38.00	3.00	140
3300066	●	-	-	-	0.660	0.02598	4.00	38.00	3.00	140
3300067	●	-	-	-	0.670	0.02638	4.00	38.00	3.00	140
3300068	●	-	-	-	0.680	0.02677	4.50	38.00	3.00	140
3300069	●	-	-	-	0.690	0.02717	4.50	38.00	3.00	140
3300070	●	-	-	-	0.700	0.02756	4.50	38.00	3.00	140
3300071	●	-	-	-	0.710	0.02795	4.50	38.00	3.00	140
3300072	●	-	-	-	0.720	0.02835	4.50	38.00	3.00	140

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





List 5330 (Continued)

EXOCARB® WX-MS-GDS, Precision Drill

SPEED FEED 332	CARBIDE	TiAIN	2 FLUTE	JOBBER	30°	SHANK h6	PACKED 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	FL (mm)	L (mm)	d (mm)	α
3300073	●	-	-	-	0.730	0.02874	4.50	38.00	3.00	140
3300074	●	-	-	-	0.740	0.02913	4.50	38.00	3.00	140
3300075	●	-	-	-	0.750	0.02953	4.50	38.00	3.00	140
3300076	●	-	-	-	0.760	0.02992	5.00	38.00	3.00	140
3300077	●	-	-	-	0.770	0.03031	5.00	38.00	3.00	140
3300078	●	-	-	-	0.780	0.03071	5.00	38.00	3.00	140
3300079	●	-	-	-	0.790	0.03110	5.00	38.00	3.00	140
3300080	●	-	-	-	0.800	0.03150	5.00	38.00	3.00	140
3300081	●	-	-	-	0.810	0.03189	5.00	38.00	3.00	140
3300082	●	-	-	-	0.820	0.03228	5.00	38.00	3.00	140
3300083	●	-	-	-	0.830	0.03268	5.00	38.00	3.00	140
3300084	●	-	-	-	0.840	0.03307	5.00	38.00	3.00	140
3300085	●	-	-	-	0.850	0.03346	5.00	38.00	3.00	140
3300086	●	-	-	-	0.860	0.03386	5.50	38.00	3.00	140
3300087	●	-	-	-	0.870	0.03425	5.50	38.00	3.00	140
3300088	●	-	-	-	0.880	0.03465	5.50	38.00	3.00	140
3300089	●	-	-	-	0.890	0.03504	5.50	38.00	3.00	140
3300090	●	-	-	-	0.900	0.03543	5.50	38.00	3.00	140
3300091	●	-	-	-	0.910	0.03583	5.50	38.00	3.00	140
3300092	●	-	-	-	0.920	0.03622	5.50	38.00	3.00	140
3300093	●	-	-	-	0.930	0.03661	5.50	38.00	3.00	140
3300094	●	-	-	-	0.940	0.03701	5.50	38.00	3.00	140
3300095	●	-	-	-	0.950	0.03740	5.50	38.00	3.00	140
3300096	●	-	-	-	0.960	0.03780	6.00	38.00	3.00	140
3300097	●	-	-	-	0.970	0.03819	6.00	38.00	3.00	140
3300098	●	-	-	-	0.980	0.03858	6.00	38.00	3.00	140
3300099	●	-	-	-	0.990	0.03898	6.00	38.00	3.00	140
3300100	●	-	-	-	1.000	0.03937	6.00	38.00	3.00	140
3300101	●	-	-	-	1.010	0.03976	6.00	38.00	3.00	140
3300102	●	-	-	-	1.020	0.04016	6.00	38.00	3.00	140
3300103	●	-	-	-	1.030	0.04055	6.00	38.00	3.00	140
3300104	●	-	-	-	1.040	0.04094	6.00	38.00	3.00	140
3300105	●	-	-	-	1.050	0.04134	6.00	38.00	3.00	140
3300106	●	-	-	-	1.060	0.04173	6.00	38.00	3.00	140
3300107	●	-	-	-	1.070	0.04213	7.00	42.00	3.00	140
3300108	●	-	-	-	1.080	0.04252	7.00	42.00	3.00	140
3300109	●	-	-	-	1.090	0.04291	7.00	42.00	3.00	140
3300110	●	-	-	-	1.100	0.04331	7.00	42.00	3.00	140
3300111	●	-	-	-	1.110	0.04370	7.00	42.00	3.00	140
3300112	●	-	-	-	1.120	0.04409	7.00	42.00	3.00	140
3300113	●	-	-	-	1.130	0.04449	7.00	42.00	3.00	140
3300114	●	-	-	-	1.140	0.04488	7.00	42.00	3.00	140
3300115	●	-	-	-	1.150	0.04528	7.00	42.00	3.00	140
3300116	●	-	-	-	1.160	0.04567	7.00	42.00	3.00	140
3300117	●	-	-	-	1.170	0.04606	7.00	42.00	3.00	140
3300118	●	-	-	-	1.180	0.04646	7.00	42.00	3.00	140
3300119	●	-	-	-	1.190	0.04685	8.00	42.00	3.00	140
3300120	●	-	-	-	1.200	0.04724	8.00	42.00	3.00	140
3300121	●	-	-	-	1.210	0.04764	8.00	42.00	3.00	140

● 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	300	400	17-4 PH		Aluminum		Nickel Alloy	Titanium						
Low	Medium	High							6061	Casting			Inconel	6Al4V	~35 HRC	35-45 HRC	45-50 HRC	50-70 HRC
1010	1035	1018	1045	1065	4140	4340		6061	7075									
○	○	○	○	○	○	○	○	○	○	○	○	○						

○ Good ○ Best



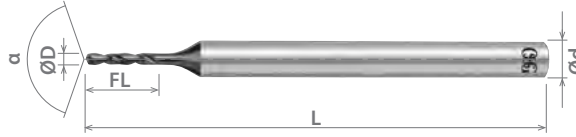
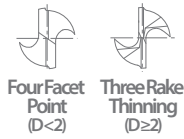


List 5330 (Continued)

EXOCARB® WX-MS-GDS, Precision Drill

SPEED FEED 332	CARBIDE	TiAIN	2 FLUTE	JOBBER	30°	SHANK h6	PACKED 1 PIECE
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Cutting Diameter Tolerance		
Size (mm)	mm	inch
0.2 ≤ D ≤ 5	+0 / -0.010	+0 / -0.0004



ABOUT OSG

DRILLING

THREADING

MILLING

HOLDERS

INDEX

EDP Number		Diameter (D)					Flute Length	Overall Length	Shank Diameter	Point Angle
		Fractional Size	Wire Gage	Letter Size	mm	Inch	FL (mm)	L (mm)	d (mm)	α
3300122	●	-	-	-	1.220	0.04803	8.00	42.00	3.00	140
3300123	●	-	-	-	1.230	0.04843	8.00	42.00	3.00	140
3300124	●	-	-	-	1.240	0.04882	8.00	42.00	3.00	140
3300125	●	-	-	-	1.250	0.04921	8.00	42.00	3.00	140
3300126	●	-	-	-	1.260	0.04961	8.00	42.00	3.00	140
3300127	●	-	-	-	1.270	0.05000	8.00	42.00	3.00	140
3300128	●	-	-	-	1.280	0.05039	8.00	42.00	3.00	140
3300129	●	-	-	-	1.290	0.05079	8.00	42.00	3.00	140
3300130	●	-	-	-	1.300	0.05118	8.00	42.00	3.00	140
3300131	●	-	-	-	1.310	0.05157	8.00	42.00	3.00	140
3300132	●	-	-	-	1.320	0.05197	8.00	42.00	3.00	140
3300133	●	-	-	-	1.330	0.05236	9.00	42.00	3.00	140
3300134	●	-	-	-	1.340	0.05276	9.00	42.00	3.00	140
3300135	●	-	-	-	1.350	0.05315	9.00	42.00	3.00	140
3300136	●	-	-	-	1.360	0.05354	9.00	42.00	3.00	140
3300137	●	-	-	-	1.370	0.05394	9.00	42.00	3.00	140
3300138	●	-	-	-	1.380	0.05433	9.00	42.00	3.00	140
3300139	●	-	-	-	1.390	0.05472	9.00	42.00	3.00	140
3300140	●	-	-	-	1.400	0.05512	9.00	42.00	3.00	140
3300141	●	-	-	-	1.410	0.05551	9.00	42.00	3.00	140
3300142	●	-	-	-	1.420	0.05591	9.00	42.00	3.00	140
3300143	●	-	-	-	1.430	0.05630	9.00	42.00	3.00	140
3300144	●	-	-	-	1.440	0.05669	9.00	42.00	3.00	140
3300145	●	-	-	-	1.450	0.05709	9.00	42.00	3.00	140
3300146	●	-	-	-	1.460	0.05748	9.00	42.00	3.00	140
3300147	●	-	-	-	1.470	0.05787	9.00	42.00	3.00	140
3300148	●	-	-	-	1.480	0.05827	9.00	42.00	3.00	140
3300149	●	-	-	-	1.490	0.05866	9.00	42.00	3.00	140
3300150	●	-	-	-	1.500	0.05906	9.00	42.00	3.00	140
3300151	●	-	-	-	1.510	0.05945	10.00	42.00	3.00	140
3300152	●	-	-	-	1.520	0.05984	10.00	42.00	3.00	140
3300153	●	-	-	-	1.530	0.06024	10.00	42.00	3.00	140
3300154	●	-	-	-	1.540	0.06063	10.00	42.00	3.00	140
3300155	●	-	-	-	1.550	0.06102	10.00	42.00	3.00	140
3300156	●	-	-	-	1.560	0.06142	10.00	42.00	3.00	140
3300157	●	-	-	-	1.570	0.06181	10.00	42.00	3.00	140
3300158	●	-	-	-	1.580	0.06220	10.00	42.00	3.00	140
3300159	●	-	-	-	1.590	0.06260	10.00	42.00	3.00	140
3300160	●	-	-	-	1.600	0.06299	10.00	42.00	3.00	140
3300161	●	-	-	-	1.610	0.06339	10.00	42.00	3.00	140
3300162	●	-	-	-	1.620	0.06378	10.00	42.00	3.00	140
3300163	●	-	-	-	1.630	0.06417	10.00	42.00	3.00	140
3300164	●	-	-	-	1.640	0.06457	10.00	42.00	3.00	140
3300165	●	-	-	-	1.650	0.06496	10.00	42.00	3.00	140
3300166	●	-	-	-	1.660	0.06535	10.00	42.00	3.00	140
3300167	●	-	-	-	1.670	0.06575	10.00	42.00	3.00	140
3300168	●	-	-	-	1.680	0.06614	10.00	42.00	3.00	140
3300169	●	-	-	-	1.690	0.06654	10.00	42.00	3.00	140
3300170	●	-	-	-	1.700	0.06693	10.00	42.00	3.00	140
3300171	●	-	-	-	1.710	0.06732	11.00	42.00	3.00	140
3300172	●	-	-	-	1.720	0.06772	11.00	42.00	3.00	140
3300173	●	-	-	-	1.730	0.06811	11.00	42.00	3.00	140
3300174	●	-	-	-	1.740	0.06850	11.00	42.00	3.00	140

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





List 5330 (Continued)

EXOCARB® WX-MS-GDS, Precision Drill

SPEED FEED 332	CARBIDE	TiAIN	2 FLUTE	JOBBER	30°	SHANK h6	PACKED 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	FL (mm)	L (mm)	d (mm)	α
3300175	●	-	-	-	1.750	0.06890	11.00	42.00	3.00	140
3300176	●	-	-	-	1.760	0.06929	11.00	42.00	3.00	140
3300177	●	-	-	-	1.770	0.06969	11.00	42.00	3.00	140
3300178	●	-	-	-	1.780	0.07008	11.00	42.00	3.00	140
3300179	●	-	-	-	1.790	0.07047	11.00	42.00	3.00	140
3300180	●	-	-	-	1.800	0.07087	11.00	42.00	3.00	140
3300181	●	-	-	-	1.810	0.07126	11.00	42.00	3.00	140
3300182	●	-	-	-	1.820	0.07165	11.00	42.00	3.00	140
3300183	●	-	-	-	1.830	0.07205	11.00	42.00	3.00	140
3300184	●	-	-	-	1.840	0.07244	11.00	42.00	3.00	140
3300185	●	-	-	-	1.850	0.07283	11.00	42.00	3.00	140
3300186	●	-	-	-	1.860	0.07323	11.00	42.00	3.00	140
3300187	●	-	-	-	1.870	0.07362	11.00	42.00	3.00	140
3300188	●	-	-	-	1.880	0.07402	11.00	42.00	3.00	140
3300189	●	-	-	-	1.890	0.07441	11.00	42.00	3.00	140
3300190	●	-	-	-	1.900	0.07480	11.00	42.00	3.00	140
3300191	●	-	-	-	1.910	0.07520	12.00	50.00	3.00	140
3300192	●	-	-	-	1.920	0.07559	12.00	50.00	3.00	140
3300193	●	-	-	-	1.930	0.07598	12.00	50.00	3.00	140
3300194	●	-	-	-	1.940	0.07638	12.00	50.00	3.00	140
3300195	●	-	-	-	1.950	0.07677	12.00	50.00	3.00	140
3300196	●	-	-	-	1.960	0.07717	12.00	50.00	3.00	140
3300197	●	-	-	-	1.970	0.07756	12.00	50.00	3.00	140
3300198	●	-	-	-	1.980	0.07795	12.00	50.00	3.00	140
3300199	●	-	-	-	1.990	0.07835	12.00	50.00	3.00	140
3300200	●	-	-	-	2.000	0.07874	12.00	50.00	3.00	140
48172201	●	-	-	-	2.010	0.07913	12.00	50.00	3.00	140
48172202	●	-	-	-	2.020	0.07953	12.00	50.00	3.00	140
48172203	●	-	-	-	2.030	0.07992	12.00	50.00	3.00	140
48172204	●	-	-	-	2.040	0.08031	12.00	50.00	3.00	140
3300205	●	-	-	-	2.050	0.08071	12.00	50.00	3.00	140
48172206	●	-	-	-	2.060	0.08110	12.00	50.00	3.00	140
48172207	●	-	-	-	2.070	0.08150	12.00	50.00	3.00	140
48172208	●	-	-	-	2.080	0.08189	12.00	50.00	3.00	140
48172209	●	-	-	-	2.090	0.08228	12.00	50.00	3.00	140
3300210	●	-	-	-	2.100	0.08268	12.00	50.00	3.00	140
48172211	●	-	-	-	2.110	0.08307	12.00	50.00	3.00	140
48172212	●	-	-	-	2.120	0.08346	12.00	50.00	3.00	140
48172213	●	-	-	-	2.130	0.08386	13.00	50.00	3.00	140
48172214	●	-	-	-	2.140	0.08425	13.00	50.00	3.00	140
3300215	●	-	-	-	2.150	0.08465	13.00	50.00	3.00	140
48172216	●	-	-	-	2.160	0.08504	13.00	50.00	3.00	140
48172217	●	-	-	-	2.170	0.08543	13.00	50.00	3.00	140
48172218	●	-	-	-	2.180	0.08583	13.00	50.00	3.00	140
48172219	●	-	-	-	2.190	0.08622	13.00	50.00	3.00	140
3300220	●	-	-	-	2.200	0.08661	13.00	50.00	3.00	140
48172221	●	-	-	-	2.210	0.08701	13.00	50.00	3.00	140
48172222	●	-	-	-	2.220	0.08740	13.00	50.00	3.00	140
48172223	●	-	-	-	2.230	0.08780	13.00	50.00	3.00	140

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



CONTINUED ➔

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

○ Good ● Best





EXOCARB® MAX-MINI

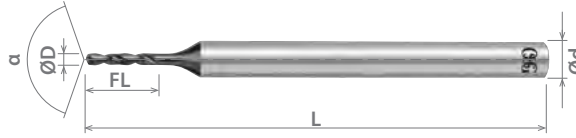
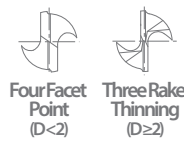
High Performance Micro Carbide Drills

List 5330 (Continued)

EXOCARB® WX-MS-GDS, Precision Drill

SPEED FEED 332	CARBIDE	TiAIN	2 FLUTE	JOBBER	30°	SHANK h6	PACKED 1 PIECE
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Cutting Diameter Tolerance		
Size (mm)	mm	inch
0.2 ≤ D ≤ 5	+0 / -0.010	+0 / -0.0004



ABOUT OSG

DRILLING

THREADING

MILLING

HOLDERS

INDEX

EDP Number		Diameter (D)					Flute Length	Overall Length	Shank Diameter	Point Angle
		Fractional Size	Wire Gage	Letter Size	mm	Inch	FL (mm)	L (mm)	d (mm)	α
48172224	●	-	-	-	2.240	0.08819	13.00	50.00	3.00	140
3300225	●	-	-	-	2.250	0.08858	13.00	50.00	3.00	140
48172226	●	-	-	-	2.260	0.08898	13.00	50.00	3.00	140
48172227	●	-	-	-	2.270	0.08937	13.00	50.00	3.00	140
48172228	●	-	-	-	2.280	0.08976	13.00	50.00	3.00	140
48172229	●	-	-	-	2.290	0.09016	13.00	50.00	3.00	140
3300230	●	-	-	-	2.300	0.09055	13.00	50.00	3.00	140
48172231	●	-	-	-	2.310	0.09094	13.00	50.00	3.00	140
48172232	●	-	-	-	2.320	0.09134	13.00	50.00	3.00	140
48172233	●	-	-	-	2.330	0.09173	13.00	50.00	3.00	140
48172234	●	-	-	-	2.340	0.09213	13.00	50.00	3.00	140
3300235	●	-	-	-	2.350	0.09252	13.00	50.00	3.00	140
48172236	●	-	-	-	2.360	0.09291	13.00	50.00	3.00	140
48172237	●	-	-	-	2.370	0.09331	14.00	50.00	3.00	140
48172238	●	-	-	-	2.380	0.09370	14.00	50.00	3.00	140
48172239	●	-	-	-	2.390	0.09409	14.00	50.00	3.00	140
3300240	●	-	-	-	2.400	0.09449	14.00	50.00	3.00	130
48172241	●	-	-	-	2.410	0.09488	14.00	50.00	3.00	130
48172242	●	-	-	-	2.420	0.09528	14.00	50.00	3.00	130
48172243	●	-	-	-	2.430	0.09567	14.00	50.00	3.00	130
48172244	●	-	-	-	2.440	0.09606	14.00	50.00	3.00	130
3300245	●	-	-	-	2.450	0.09646	14.00	50.00	3.00	130
48172246	●	-	-	-	2.460	0.09685	14.00	50.00	3.00	130
48172247	●	-	-	-	2.470	0.09724	14.00	50.00	3.00	130
48172248	●	-	-	-	2.480	0.09764	14.00	50.00	3.00	130
48172249	●	-	-	-	2.490	0.09803	14.00	50.00	3.00	130
3300250	●	-	-	-	2.500	0.09843	14.00	50.00	3.00	130
48172251	●	-	-	-	2.510	0.09882	14.00	50.00	3.00	130
48172252	●	-	-	-	2.520	0.09921	14.00	50.00	3.00	130
48172253	●	-	-	-	2.530	0.09961	14.00	50.00	3.00	130
48172254	●	-	-	-	2.540	0.10000	14.00	50.00	3.00	130
3300255	●	-	-	-	2.550	0.10039	14.00	50.00	3.00	130
48172256	●	-	-	-	2.560	0.10079	14.00	50.00	3.00	130
48172257	●	-	-	-	2.570	0.10118	14.00	50.00	3.00	130
48172258	●	-	-	-	2.580	0.10157	14.00	50.00	3.00	130
48172259	●	-	-	-	2.590	0.10197	14.00	50.00	3.00	130
3300260	●	-	-	-	2.600	0.10236	14.00	50.00	3.00	130
48172261	●	-	-	-	2.610	0.10276	14.00	50.00	3.00	130
48172262	●	-	-	-	2.620	0.10315	14.00	50.00	3.00	130
48172263	●	-	-	-	2.630	0.10354	14.00	50.00	3.00	130
48172264	●	-	-	-	2.640	0.10394	14.00	50.00	3.00	130
3300265	●	-	-	-	2.650	0.10433	14.00	50.00	3.00	130
48172266	●	-	-	-	2.660	0.10472	16.00	50.00	3.00	130
48172267	●	-	-	-	2.670	0.10512	16.00	50.00	3.00	130
48172268	●	-	-	-	2.680	0.10551	16.00	50.00	3.00	130
48172269	●	-	-	-	2.690	0.10591	16.00	50.00	3.00	130
3300270	●	-	-	-	2.700	0.10630	16.00	50.00	3.00	130
48172271	●	-	-	-	2.710	0.10669	16.00	50.00	3.00	130
48172272	●	-	-	-	2.720	0.10709	16.00	50.00	3.00	130
48172273	●	-	-	-	2.730	0.10748	16.00	50.00	3.00	130
48172274	●	-	-	-	2.740	0.10787	16.00	50.00	3.00	130
3300275	●	-	-	-	2.750	0.10827	16.00	50.00	3.00	130
48172276	●	-	-	-	2.760	0.10866	16.00	50.00	3.00	130

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





List 5330 (Continued)

EXOCARB® WX-MS-GDS, Precision Drill

SPEED FEED 332	CARBIDE	TIAlN	2 FLUTE	JOBBER	30°	SHANK h6	PACKED 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	FL (mm)	L (mm)	d (mm)	α
48172277	●	-	-	-	2.770	0.10906	16.00	50.00	3.00	130
48172278	●	-	-	-	2.780	0.10945	16.00	50.00	3.00	130
48172279	●	-	-	-	2.790	0.10984	16.00	50.00	3.00	130
3300280	●	-	-	-	2.800	0.11024	16.00	50.00	3.00	130
48172281	●	-	-	-	2.810	0.11063	16.00	50.00	3.00	130
48172282	●	-	-	-	2.820	0.11102	16.00	50.00	3.00	130
48172283	●	-	-	-	2.830	0.11142	16.00	50.00	3.00	130
48172284	●	-	-	-	2.840	0.11181	16.00	50.00	3.00	130
3300285	●	-	-	-	2.850	0.11220	16.00	50.00	3.00	130
48172286	●	-	-	-	2.860	0.11260	16.00	50.00	3.00	130
48172287	●	-	-	-	2.870	0.11299	16.00	50.00	3.00	130
48172288	●	-	-	-	2.880	0.11339	16.00	50.00	3.00	130
48172289	●	-	-	-	2.890	0.11378	16.00	50.00	3.00	130
3300290	●	-	-	-	2.900	0.11417	16.00	50.00	3.00	130
48172291	●	-	-	-	2.910	0.11457	16.00	50.00	3.00	130
48172292	●	-	-	-	2.920	0.11496	16.00	50.00	3.00	130
48172293	●	-	-	-	2.930	0.11535	16.00	50.00	3.00	130
48172294	●	-	-	-	2.940	0.11575	16.00	50.00	3.00	130
3300295	●	-	-	-	2.950	0.11614	16.00	50.00	3.00	130
48172296	●	-	-	-	2.960	0.11654	16.00	50.00	3.00	130
48172297	●	-	-	-	2.970	0.11693	16.00	50.00	3.00	130
48172298	●	-	-	-	2.980	0.11732	16.00	50.00	3.00	130
48172299	●	-	-	-	2.990	0.11772	16.00	50.00	3.00	130
3300300	●	-	-	-	3.000	0.11811	16.00	50.00	3.00	130
48172301	●	-	-	-	3.010	0.11850	18.00	56.00	4.00	130
48172302	●	-	-	-	3.020	0.11890	18.00	56.00	4.00	130
48172303	●	-	-	-	3.030	0.11929	18.00	56.00	4.00	130
48172304	●	-	-	-	3.040	0.11969	18.00	56.00	4.00	130
3300305	●	-	-	-	3.050	0.12008	18.00	56.00	4.00	130
48172306	●	-	-	-	3.060	0.12047	18.00	56.00	4.00	130
48172307	●	-	-	-	3.070	0.12087	18.00	56.00	4.00	130
48172308	●	-	-	-	3.080	0.12126	18.00	56.00	4.00	130
48172309	●	-	-	-	3.090	0.12165	18.00	56.00	4.00	130
3300310	●	-	-	-	3.100	0.12205	18.00	56.00	4.00	130
48172311	●	-	-	-	3.110	0.12244	18.00	56.00	4.00	130
48172312	●	-	-	-	3.120	0.12283	18.00	56.00	4.00	130
48172313	●	-	-	-	3.130	0.12323	18.00	56.00	4.00	130
48172314	●	-	-	-	3.140	0.12362	18.00	56.00	4.00	130
3300315	●	-	-	-	3.150	0.12402	18.00	56.00	4.00	130
48172316	●	-	-	-	3.160	0.12441	18.00	56.00	4.00	130
48172317	●	-	-	-	3.170	0.12480	18.00	56.00	4.00	130
48172318	●	-	-	-	3.180	0.12520	18.00	56.00	4.00	130
48172319	●	-	-	-	3.190	0.12559	18.00	56.00	4.00	130
3300320	●	-	-	-	3.200	0.12598	18.00	56.00	4.00	130
48172321	●	-	-	-	3.210	0.12638	18.00	56.00	4.00	130
48172322	●	-	-	-	3.220	0.12677	18.00	56.00	4.00	130
48172323	●	-	-	-	3.230	0.12717	18.00	56.00	4.00	130
48172324	●	-	-	-	3.240	0.12756	18.00	56.00	4.00	130
3300325	●	-	-	-	3.250	0.12795	18.00	56.00	4.00	130

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



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
○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○

○ Good ○ Best



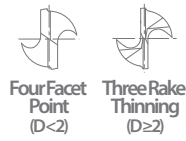


List 5330 (Continued)

EXOCARB® WX-MS-GDS, Precision Drill

SPEED FEED 332	CARBIDE	TiAIN	2 FLUTE	JOBBER	30°	SHANK h6	PACKED 1 PIECE
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Cutting Diameter Tolerance		
Size (mm)	mm	inch
0.2 ≤ D ≤ 5	+0 / -0.010	+0 / -0.0004



ABOUT OSG

DRILLING

THREADING

MILLING

HOLDERS

INDEX

EDP Number		Diameter (D)					Flute Length	Overall Length	Shank Diameter	Point Angle
		Fractional Size	Wire Gage	Letter Size	mm	Inch	FL (mm)	L (mm)	d (mm)	α
48172326	●	-	-	-	3.260	0.12835	18.00	56.00	4.00	130
48172327	●	-	-	-	3.270	0.12874	18.00	56.00	4.00	130
48172328	●	-	-	-	3.280	0.12913	18.00	56.00	4.00	130
48172329	●	-	-	-	3.290	0.12953	18.00	56.00	4.00	130
3300330	●	-	-	-	3.300	0.12992	18.00	56.00	4.00	130
48172331	●	-	-	-	3.310	0.13031	18.00	56.00	4.00	130
48172332	●	-	-	-	3.320	0.13071	18.00	56.00	4.00	130
48172333	●	-	-	-	3.330	0.13110	18.00	56.00	4.00	130
48172334	●	-	-	-	3.340	0.13150	18.00	56.00	4.00	130
3300335	●	-	-	-	3.350	0.13189	18.00	56.00	4.00	130
48172336	●	-	-	-	3.360	0.13228	20.00	56.00	4.00	130
48172337	●	-	-	-	3.370	0.13268	20.00	56.00	4.00	130
48172338	●	-	-	-	3.380	0.13307	20.00	56.00	4.00	130
48172339	●	-	-	-	3.390	0.13346	20.00	56.00	4.00	130
3300340	●	-	-	-	3.400	0.13386	20.00	56.00	4.00	130
48172341	●	-	-	-	3.410	0.13425	20.00	56.00	4.00	130
48172342	●	-	-	-	3.420	0.13465	20.00	56.00	4.00	130
48172343	●	-	-	-	3.430	0.13504	20.00	56.00	4.00	130
48172344	●	-	-	-	3.440	0.13543	20.00	56.00	4.00	130
3300345	●	-	-	-	3.450	0.13583	20.00	56.00	4.00	130
48172346	●	-	-	-	3.460	0.13622	20.00	56.00	4.00	130
48172347	●	-	-	-	3.470	0.13661	20.00	56.00	4.00	130
48172348	●	-	-	-	3.480	0.13701	20.00	56.00	4.00	130
48172349	●	-	-	-	3.490	0.13740	20.00	56.00	4.00	130
3300350	●	-	-	-	3.500	0.13780	20.00	56.00	4.00	130
48172351	●	-	-	-	3.510	0.13819	20.00	56.00	4.00	130
48172352	●	-	-	-	3.520	0.13858	20.00	56.00	4.00	130
48172353	●	-	-	-	3.530	0.13898	20.00	56.00	4.00	130
48172354	●	-	-	-	3.540	0.13937	20.00	56.00	4.00	130
3300355	●	-	-	-	3.550	0.13976	20.00	56.00	4.00	130
48172356	●	-	-	-	3.560	0.14016	20.00	56.00	4.00	130
48172357	●	-	-	-	3.570	0.14055	20.00	56.00	4.00	130
48172358	●	-	-	-	3.580	0.14094	20.00	56.00	4.00	130
48172359	●	-	-	-	3.590	0.14134	20.00	56.00	4.00	130
3300360	●	-	-	-	3.600	0.14173	20.00	56.00	4.00	130
48172361	●	-	-	-	3.610	0.14213	20.00	56.00	4.00	130
48172362	●	-	-	-	3.620	0.14252	20.00	56.00	4.00	130
48172363	●	-	-	-	3.630	0.14291	20.00	56.00	4.00	130
48172364	●	-	-	-	3.640	0.14331	20.00	56.00	4.00	130
3300365	●	-	-	-	3.650	0.14370	20.00	56.00	4.00	130
48172366	●	-	-	-	3.660	0.14409	20.00	56.00	4.00	130
48172367	●	-	-	-	3.670	0.14449	20.00	56.00	4.00	130
48172368	●	-	-	-	3.680	0.14488	20.00	56.00	4.00	130
48172369	●	-	-	-	3.690	0.14528	20.00	56.00	4.00	130
3300370	●	-	-	-	3.700	0.14567	20.00	56.00	4.00	130
48172371	●	-	-	-	3.710	0.14606	20.00	56.00	4.00	130
48172372	●	-	-	-	3.720	0.14646	20.00	56.00	4.00	130
48172373	●	-	-	-	3.730	0.14685	20.00	56.00	4.00	130
48172374	●	-	-	-	3.740	0.14724	20.00	56.00	4.00	130
3300375	●	-	-	-	3.750	0.14764	20.00	56.00	4.00	130
48172376	●	-	-	-	3.760	0.14803	22.00	56.00	4.00	130
48172377	●	-	-	-	3.770	0.14843	22.00	56.00	4.00	130
48172378	●	-	-	-	3.780	0.14882	22.00	56.00	4.00	130

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





List 5330 (Continued)

EXOCARB® WX-MS-GDS, Precision Drill

SPEED FEED 332	CARBIDE	TiAIN	2 FLUTE	JOBBER	30°	SHANK h6	PACKED 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	FL (mm)	L (mm)	d (mm)	α
48172379	●	-	-	-	3.790	0.14921	22.00	56.00	4.00	130
3300380	●	-	-	-	3.800	0.14961	22.00	56.00	4.00	130
48172381	●	-	-	-	3.810	0.15000	22.00	56.00	4.00	130
48172382	●	-	-	-	3.820	0.15039	22.00	56.00	4.00	130
48172383	●	-	-	-	3.830	0.15079	22.00	56.00	4.00	130
48172384	●	-	-	-	3.840	0.15118	22.00	56.00	4.00	130
3300385	●	-	-	-	3.850	0.15157	22.00	56.00	4.00	130
48172386	●	-	-	-	3.860	0.15197	22.00	56.00	4.00	130
48172387	●	-	-	-	3.870	0.15236	22.00	56.00	4.00	130
48172388	●	-	-	-	3.880	0.15276	22.00	56.00	4.00	130
48172389	●	-	-	-	3.890	0.15315	22.00	56.00	4.00	130
3300390	●	-	-	-	3.900	0.15354	22.00	56.00	4.00	130
48172391	●	-	-	-	3.910	0.15394	22.00	56.00	4.00	130
48172392	●	-	-	-	3.920	0.15433	22.00	56.00	4.00	130
48172393	●	-	-	-	3.930	0.15472	22.00	56.00	4.00	130
48172394	●	-	-	-	3.940	0.15512	22.00	56.00	4.00	130
3300395	●	-	-	-	3.950	0.15551	22.00	56.00	4.00	130
48172396	●	-	-	-	3.960	0.15591	22.00	56.00	4.00	130
48172397	●	-	-	-	3.970	0.15630	22.00	56.00	4.00	130
48172398	●	-	-	-	3.980	0.15669	22.00	56.00	4.00	130
48172399	●	-	-	-	3.990	0.15709	22.00	56.00	4.00	130
3300400	●	-	-	-	4.000	0.15748	22.00	56.00	4.00	130
3300405	●	-	-	-	4.050	0.15945	22.00	64.00	5.00	130
3300410	●	-	-	-	4.100	0.16142	22.00	64.00	5.00	130
3300415	●	-	-	-	4.150	0.16339	22.00	64.00	5.00	130
3300420	●	-	-	-	4.200	0.16535	22.00	64.00	5.00	130
3300425	●	-	-	-	4.250	0.16732	22.00	64.00	5.00	130
3300430	●	-	-	-	4.300	0.16929	24.00	64.00	5.00	130
3300435	●	-	-	-	4.350	0.17126	24.00	64.00	5.00	130
3300440	●	-	-	-	4.400	0.17323	24.00	64.00	5.00	130
3300445	●	-	-	-	4.450	0.17520	24.00	64.00	5.00	130
3300450	●	-	-	-	4.500	0.17717	24.00	64.00	5.00	130
3300455	●	-	-	-	4.550	0.17913	24.00	64.00	5.00	130
3300460	●	-	-	-	4.600	0.18110	24.00	64.00	5.00	130
3300465	●	-	-	-	4.650	0.18307	24.00	64.00	5.00	130
3300470	●	-	-	-	4.700	0.18504	24.00	64.00	5.00	130
3300475	●	-	-	-	4.750	0.18701	24.00	64.00	5.00	130
3300480	●	-	-	-	4.800	0.18898	26.00	64.00	5.00	130
3300485	●	-	-	-	4.850	0.19094	26.00	64.00	5.00	130
3300490	●	-	-	-	4.900	0.19291	26.00	64.00	5.00	130
3300495	●	-	-	-	4.950	0.19488	26.00	64.00	5.00	130
3300500	●	-	-	-	5.000	0.19685	26.00	64.00	5.00	130

● 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			6061	7075				Casting	Inconel	6Al4V (30 HRC)	~35 HRC	35-45 HRC	45-50 HRC	50-70 HRC	
1010	1035	1045	1065	4140	4340	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

