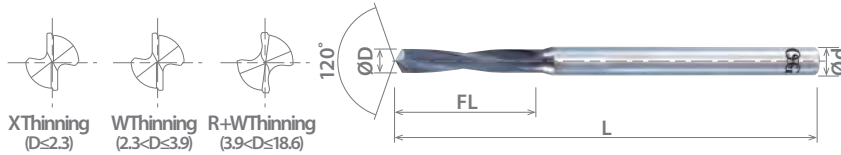




List 5171

EXOCARB® WH70-DRL, 55-70 HRC

SPEED FEED 328	CARBIDE	WXS	2 FLUTE	JOBBER	12°	SHANK h6	PACKED 1 PIECE
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Size (mm)	mm	inch
2 ≤ 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 ≤ 18	+0 / -0.027	+0 / -0.0011
18 < D ≤ 18.6	+0 / -0.033	+0 / -0.0013

EDP Number		Diameter (D)					Flute Length FL (mm)	Overall Length L (mm)	Shank Diameter d (mm)
		Fractional Size	Wire Gage	Letter Size	mm	Inch			
3318200	●	-	-	-	2.000	0.07874	12.00	42.00	3.00
3318210	●	-	-	-	2.100	0.08268	12.00	42.00	3.00
3318220	●	-	-	-	2.200	0.08661	13.00	43.00	3.00
3318230	●	-	-	-	2.300	0.09055	13.00	43.00	3.00
3318240	●	-	-	-	2.400	0.09449	14.00	44.00	3.00
3318250	●	-	-	-	2.500	0.09843	14.00	44.00	3.00
3318260	●	-	-	-	2.600	0.10236	14.00	44.00	3.00
3318270	●	-	-	-	2.700	0.10630	16.00	46.00	3.00
3318280	●	-	-	-	2.800	0.11024	16.00	46.00	3.00
3318290	●	-	-	-	2.900	0.11417	16.00	46.00	3.00
3318300	●	-	-	-	3.000	0.11811	16.00	46.00	3.00
3318310	●	-	-	-	3.100	0.12205	18.00	48.00	4.00
3318320	●	-	-	-	3.200	0.12598	18.00	48.00	4.00
3318330	●	-	-	-	3.300	0.12992	18.00	48.00	4.00
3318340	●	-	-	-	3.400	0.13386	20.00	50.00	4.00
3318350	●	-	-	-	3.500	0.13780	20.00	50.00	4.00
3318360	●	-	-	-	3.600	0.14173	20.00	50.00	4.00
3318370	●	-	-	-	3.700	0.14567	20.00	50.00	4.00
3318380	●	-	-	-	3.800	0.14961	22.00	52.00	4.00
3318390	●	-	-	-	3.900	0.15354	22.00	52.00	4.00
3318400	●	-	-	-	4.000	0.15748	22.00	52.00	4.00
3318410	●	-	-	-	4.100	0.16142	25.00	68.00	5.00
3318420	●	-	-	-	4.200	0.16535	25.00	68.00	5.00
3318430	●	-	-	-	4.300	0.16929	28.00	68.00	5.00
3318440	●	-	-	-	4.400	0.17323	28.00	68.00	5.00
3318450	●	-	-	-	4.500	0.17717	28.00	68.00	5.00
3318460	●	-	-	-	4.600	0.18110	28.00	68.00	5.00
3318470	●	-	-	-	4.700	0.18504	28.00	68.00	5.00
3318480	●	-	-	-	4.800	0.18898	32.00	68.00	5.00
3318490	●	-	-	-	4.900	0.19291	32.00	68.00	5.00
3318500	●	-	-	-	5.000	0.19685	32.00	68.00	5.00
3318510	●	-	-	-	5.100	0.20079	32.00	74.00	6.00
3318520	●	-	-	-	5.200	0.20472	32.00	74.00	6.00
3318530	●	-	-	-	5.300	0.20866	32.00	74.00	6.00
3318540	●	-	-	-	5.400	0.21260	35.00	74.00	6.00
3318550	●	-	-	-	5.500	0.21654	35.00	74.00	6.00
3318560	●	-	-	-	5.600	0.22047	35.00	74.00	6.00
3318570	●	-	-	-	5.700	0.22441	35.00	74.00	6.00
3318580	●	-	-	-	5.800	0.22835	35.00	74.00	6.00
3318590	●	-	-	-	5.900	0.23228	35.00	74.00	6.00
3318600	●	-	-	-	6.000	0.23622	35.00	74.00	6.00
3318610	●	-	-	-	6.100	0.24016	40.00	83.00	7.00

● Stocked ○ Available Upon Request; MOQ May Apply ▲ Globally Stocked
Note: EXOCARB VX taps recommended.



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							
Low	Medium	High							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





EXOCARB® WH70

High Performance Drills for Hardened Steels (50-70 HRC)

ABOUT OSG

DRILLING

THREADING

MILLING

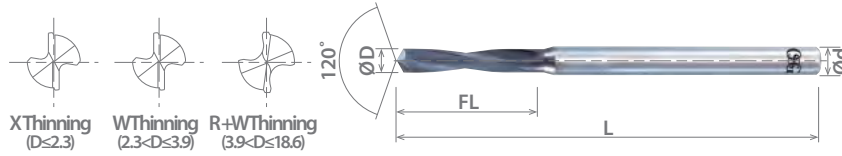
HOLDERS

INDEX

List 5171 (Continued)

EXOCARB® WH70-DRL, 55-70 HRC

SPEED FEED 328	CARBIDE	WXS	2 FLUTE	JOBBER	12°	SHANK h6	PACKED 1 PIECE
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Size (mm)	mm	inch
2 ≤ 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 ≤ 18	+0 / -0.027	+0 / -0.0011
18 < D ≤ 18.6	+0 / -0.033	+0 / -0.0013

EDP Number		Diameter (D)					Flute Length FL (mm)	Overall Length L (mm)	Shank Diameter d (mm)
		Fractional Size	Wire Gage	Letter Size	mm	Inch			
3318620	●	-	-	-	6.200	0.24409	40.00	83.00	7.00
3318630	●	-	-	-	6.300	0.24803	40.00	83.00	7.00
3318640	●	-	-	-	6.400	0.25197	40.00	83.00	7.00
3318650	●	-	-	-	6.500	0.25591	40.00	83.00	7.00
3318660	●	-	-	-	6.600	0.25984	40.00	83.00	7.00
3318670	●	-	-	-	6.700	0.26378	40.00	83.00	7.00
3318680	●	-	-	-	6.800	0.26772	45.00	83.00	7.00
3318690	●	-	-	-	6.900	0.27217	45.00	83.00	7.00
3318700	●	-	-	-	7.000	0.27559	45.00	83.00	7.00
3318710	●	-	-	-	7.100	0.27953	45.00	94.00	8.00
3318720	●	-	-	-	7.200	0.28346	45.00	94.00	8.00
3318730	●	-	-	-	7.300	0.28740	45.00	94.00	8.00
3318740	●	-	-	-	7.400	0.29134	45.00	94.00	8.00
3318750	●	-	-	-	7.500	0.29528	45.00	94.00	8.00
3318760	●	-	-	-	7.600	0.29921	50.00	94.00	8.00
3318770	●	-	-	-	7.700	0.30315	50.00	94.00	8.00
3318780	●	-	-	-	7.800	0.30709	50.00	94.00	8.00
3318790	●	-	-	-	7.900	0.31102	50.00	94.00	8.00
3318800	●	-	-	-	8.000	0.31496	50.00	94.00	8.00
3318810	●	-	-	-	8.100	0.31890	50.00	101.00	9.00
3318820	●	-	-	-	8.200	0.32283	50.00	101.00	9.00
3318830	●	-	-	-	8.300	0.32677	50.00	101.00	9.00
3318840	●	-	-	-	8.400	0.33071	50.00	101.00	9.00
3318850	●	-	-	-	8.500	0.33465	50.00	101.00	9.00
3318860	●	-	-	-	8.600	0.33858	57.00	101.00	9.00
3318870	●	-	-	-	8.700	0.34252	57.00	101.00	9.00
3318880	●	-	-	-	8.800	0.34646	57.00	101.00	9.00
3318890	●	-	-	-	8.900	0.35039	57.00	101.00	9.00
3318900	●	-	-	-	9.000	0.35433	57.00	101.00	9.00
3318910	●	-	-	-	9.100	0.35827	57.00	106.00	10.00
3318920	●	-	-	-	9.200	0.36220	57.00	106.00	10.00
3318930	●	-	-	-	9.300	0.36614	57.00	106.00	10.00
3318940	●	-	-	-	9.400	0.37008	57.00	106.00	10.00
3318950	●	-	-	-	9.500	0.37402	57.00	106.00	10.00
3318960	●	-	-	-	9.600	0.37795	63.00	106.00	10.00
3318970	●	-	-	-	9.700	0.38189	63.00	106.00	10.00
3318980	●	-	-	-	9.800	0.38583	63.00	106.00	10.00
3318990	●	-	-	-	9.900	0.38976	63.00	106.00	10.00
3319000	●	-	-	-	10.000	0.39370	63.00	106.00	10.00
3319010	●	-	-	-	10.100	0.39764	63.00	113.00	11.00
3319020	●	-	-	-	10.200	0.40157	63.00	113.00	11.00
3319030	●	-	-	-	10.300	0.40551	63.00	113.00	11.00
3319040	●	-	-	-	10.400	0.40945	63.00	113.00	11.00
3319050	●	-	-	-	10.500	0.41339	63.00	113.00	11.00
3319060	●	-	-	-	10.600	0.41732	63.00	113.00	11.00
3319070	●	-	-	-	10.700	0.42126	71.00	113.00	11.00
3319080	●	-	-	-	10.800	0.42520	71.00	113.00	11.00
3319090	●	-	-	-	10.900	0.42913	71.00	113.00	11.00
3319100	●	-	-	-	11.000	0.43307	71.00	113.00	11.00
3319110	●	-	-	-	11.100	0.43701	71.00	120.00	12.00
3319120	●	-	-	-	11.200	0.44094	71.00	120.00	12.00
3319130	●	-	-	-	11.300	0.44488	71.00	120.00	12.00

● Stocked ○ Available Upon Request; MOQ May Apply ▲ Globally Stocked
 Note: EXOCARB VX taps recommended.





List 5171 (Continued)

EXOCARB® WH70-DRL, 55-70 HRC

SPEED FEED 328	CARBIDE	WXS	2 FLUTE	JOBBER	12°	SHANK h6	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 (mm)
3319140	●	-	-	-	11.400	0.44882	71.00	120.00	12.00
3319150	●	-	-	-	11.500	0.45276	71.00	120.00	12.00
3319160	●	-	-	-	11.600	0.45669	71.00	120.00	12.00
3319170	●	-	-	-	11.700	0.46063	71.00	120.00	12.00
3319180	●	-	-	-	11.800	0.46457	71.00	120.00	12.00
3319190	●	-	-	-	11.900	0.46850	76.00	120.00	12.00
3319200	●	-	-	-	12.000	0.47244	76.00	120.00	12.00
517112113	●	-	-	-	12.100	0.47638	76.00	136.00	16.00
517112613	●	-	-	-	12.600	0.49606	79.00	139.00	16.00
517114113	●	-	-	-	14.100	0.55512	90.00	150.00	16.00
517114613	●	-	-	-	14.600	0.57480	90.00	150.00	16.00
517115613	●	-	-	-	15.600	0.61417	96.00	156.00	16.00
517116113	●	-	-	-	16.100	0.63386	102.00	162.00	20.00
517116613	●	-	-	-	16.600	0.65354	102.00	162.00	20.00
517117613	●	-	-	-	17.600	0.69291	108.00	168.00	20.00
517118613	●	-	-	-	18.600	0.73228	114.00	174.00	20.00

● Stocked ○ Available Upon Request; MOQ May Apply ▲ Globally Stocked
 Note: EXOCARB VX taps recommended.



ABOUT OSG

DRILLING

THREADING

MILLING

HOLDERS

INDEX

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	1065	4140	4340	300	400	17-4 PH												
1018	1045																		⊙

○ Good ⊙ Best

