

# EXOCARB® WXS®



Ultra Premium Performance Carbide End Mills with OSG's Proprietary WXS® Coating

## List 4590 (Continued) WHILE SUPPLIES LAST

WXS-LN-EBD, 2 Flute, Stub Length, Long Neck, Ball End, Rib Processing

SPEED FEED P1190-1192	CARBIDE	WXS		STUB	30°	SHANK h6
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Units: mm

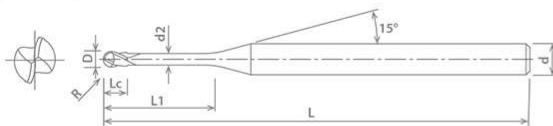
EDP Number	Mill Dia.	Overall Length	Length of Cut	Neck Length	Neck Dia.	Shank Dia.	Type
	D	L	Lc	L1	d2	d	
3051212	1.2	45	1.00	12.00	1.15	4	1
3051214	1.2	50	1.00	14.00	1.15	4	1
3051216	1.2	50	1.00	16.00	1.15	4	1
3051218	1.2	55	1.00	18.00	1.15	4	1
3051220	1.2	55	1.00	20.00	1.15	4	1
3051503	1.5	45	1.20	3.00	1.45	4	1
3051504	1.5	45	1.20	4.00	1.45	4	1
3051506	1.5	45	1.20	6.00	1.45	4	1
3051508	1.5	45	1.20	8.00	1.45	4	1
3051510	1.5	45	1.20	10.00	1.45	4	1
3051512	1.5	45	1.20	12.00	1.45	4	1
3051514	1.5	50	1.20	14.00	1.45	4	1
3051516	1.5	50	1.20	16.00	1.45	4	1
3051518	1.5	55	1.20	18.00	1.45	4	1
3051520	1.5	55	1.20	20.00	1.45	4	1
3051522	1.5	60	1.20	22.00	1.45	4	1
3051530	1.5	70	1.20	30.00	1.45	4	1
3051608	1.6	45	1.30	8.00	1.55	4	1
3051612	1.6	45	1.30	12.00	1.55	4	1
3051616	1.6	50	1.30	16.00	1.55	4	1
3051620	1.6	55	1.30	20.00	1.55	4	1
3052004	2.0	45	1.60	4.00	1.95	4	1
3052006	2.0	45	1.60	6.00	1.95	4	1
3052008	2.0	45	1.60	8.00	1.95	4	1
3052010	2.0	45	1.60	10.00	1.95	4	1
3052012	2.0	45	1.60	12.00	1.95	4	1
3052014	2.0	50	1.60	14.00	1.95	4	1
3052016	2.0	50	1.60	16.00	1.95	4	1
3052018	2.0	55	1.60	18.00	1.95	4	1
3052020	2.0	55	1.60	20.00	1.95	4	1
3052022	2.0	60	1.60	22.00	1.95	4	1
3052025	2.0	65	1.60	25.00	1.95	4	1
3052030	2.0	70	1.60	30.00	1.95	4	1
3052035	2.0	70	1.60	35.00	1.95	4	1
3052040	2.0	80	1.60	40.00	1.95	4	1

EDP Number	Mill Dia.	Overall Length	Length of Cut	Neck Length	Neck Dia.	Shank Dia.	Type
	D	L	Lc	L1	d2	d	
3052510	2.5	45	2.00	10.00	2.35	4	1
3052515	2.5	50	2.00	15.00	2.35	4	1
3052520	2.5	55	2.00	20.00	2.35	4	1
3052525	2.5	65	2.00	25.00	2.35	4	1
3052530	2.5	70	2.00	30.00	2.35	4	1
3052535	2.5	70	2.00	35.00	2.35	4	1
3053006	3.0	50	2.40	6.00	2.85	6	1
3053008	3.0	50	2.40	8.00	2.85	6	1
3053010	3.0	50	2.40	10.00	2.85	6	1
3053012	3.0	55	2.40	12.00	2.85	6	1
3053014	3.0	55	2.40	14.00	2.85	6	1
3053015	3.0	55	2.40	15.00	2.85	6	1
3053016	3.0	55	2.40	16.00	2.85	6	1
3053020	3.0	60	2.40	20.00	2.85	6	1
3053025	3.0	65	2.40	25.00	2.85	6	1
3053030	3.0	70	2.40	30.00	2.85	6	1
3053035	3.0	80	2.40	35.00	2.85	6	1
3053040	3.0	90	2.40	40.00	2.85	6	1
3053515	3.5	55	2.80	15.00	3.35	6	1
3053520	3.5	60	2.80	20.00	3.35	6	1
3053525	3.5	65	2.80	25.00	3.35	6	1
3053530	3.5	70	2.80	30.00	3.35	6	1
3053535	3.5	80	2.80	35.00	3.35	6	1
3053540	3.5	90	2.80	40.00	3.35	6	1
3053545	3.5	90	2.80	45.00	3.35	6	1
3054008	4.0	60	3.20	8.00	3.85	6	1
3054010	4.0	60	3.20	10.00	3.85	6	1
3054012	4.0	60	3.20	12.00	3.85	6	1
3054015	4.0	60	3.20	15.00	3.85	6	1
3054016	4.0	60	3.20	16.00	3.85	6	1
3054020	4.0	65	3.20	20.00	3.85	6	1
3054025	4.0	70	3.20	25.00	3.85	6	1
3054030	4.0	80	3.20	30.00	3.85	6	1
3054035	4.0	80	3.20	35.00	3.85	6	1
3054040	4.0	90	3.20	40.00	3.85	6	1

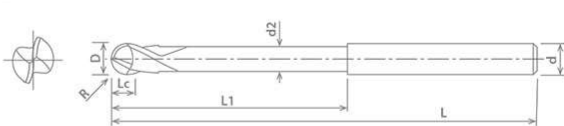
Packed: 1 pc.  
Available WXS® coating only.

continued on next page

Type 1



Type 2



List No.	Work Material																
	P					M			K	N		S	H				
	Carbon Steels			Alloy Steels	Die Steels	Stainless Steels			Cast Iron	Aluminum		Nickel Alloy	Titanium	Hardened Steels			
	Low	Med.	High	4140 4340			300	400		17-4 PH		6061 7075	Casting	Inconel	6Al4V (30 HRC)	~35 HRC	35-45 HRC
4590	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

good  best

