



EXOCARB[®] MAX

Maximum Performance End Mills for Hardened Steels

List 9011

MAX-BN-LS-EBD, 2 Flute, Stub Length, Long Shank, Ball End

SPEED FEED P1199	CARBIDE	WXS		STUB	30°	SHANK h6
Radius Tolerance						
1/32 ≤ D ≤ 3/8				±0.0007"		



EDP Number	Mill Diameter	Overall Length	Length of Cut	Shank Diameter
	D	L	Lc	d
90110111	1/32	3	3/64	1/4
90110211	1/16	3	3/32	1/4
90110311	1/8	3	3/16	1/4
90110411	3/16	3	9/32	1/4

Units: Inch

EDP Number	Mill Diameter	Overall Length	Length of Cut	Shank Diameter
	D	L	Lc	d
90110511	1/4	3	3/8	1/4
90110611	5/16	3-3/16	15/32	5/16
90110711	3/8	3-3/16	9/16	3/8

Packed: 1 pc.
Available WXS[®] coating only.
Designed for faster speeds and feeds with larger depth of cut.



List 9111

MAX-BN-LS-EBD, 2 Flute, Stub Length, Long Shank, Ball End

SPEED FEED P1199	CARBIDE	WXS		STUB	30°	SHANK h6
Radius Tolerance						
1 ≤ D ≤ 10				±0.020mm		



EDP Number	Mill Diameter	Overall Length	Length of Cut	Shank Diameter
	D	L	Lc	d
91110111	1	75	1.5	6
91110211	2	75	3.0	6
91110311	3	75	4.5	6
91110411	4	75	6.0	6

Units: mm

EDP Number	Mill Diameter	Overall Length	Length of Cut	Shank Diameter
	D	L	Lc	d
91110511	6	75	9.0	6
91110611	8	80	12.0	8
91110711	10	80	15.0	10

Packed: 1 pc.
Available WXS[®] coating only.
Designed for faster speeds and feeds with larger depth of cut.



OSG's Performance & Savings

Not machining steel over 54 HRC? Try EXOCARB[®] WXL[®] - List 3711 (p. 868)

Work Material

List No.	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			300	400	17-4 PH		6061	Casting	Inconel	6Al4V (30 HRC)	~35 HRC	35-45 HRC	45-50 HRC	50-70 HRC		
	1010	1018	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
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good best

