

# EXOCARB® Diamond

OSG Patented Diamond Coated Carbide End Mills



## List 7230

DIA-EBDSS, 2 or 4 Flute, Regular Length, Ball End, High Precision

SPEED FEED P1208 CARBIDE DIA REG 30° SHANK h6

Milling Diameter Tolerance	
1/64 ≤ D ≤ 3/16	+0 / -0.0005"
D = 1/4	+0 / -0.0008"



Units: Inch

EDP Number	Mill Diameter	Overall Length	Length of Cut	Shank Diameter	No. of Flutes
	D	L	Lc	d	
72300116	1/64	1-1/2	3/64	1/8	2
72300216	1/32	1-1/2	3/32	1/8	4
72300416	1/16	1-1/2	3/16	1/8	4
72300516	3/32	1-1/2	3/8	1/8	4
72300616	1/8	1-1/2	3/4	1/8	4
72300716	3/16	2	3/4	3/16	4
72300816	1/4	2-1/2	1	1/4	4

Packed: 1 pc.  
Available Diamond coating only.  
12µm Coating Thickness.



## List 7231

DIA-LN-EBM, 2 or 4 Flute, Regular Length, Long Reach, Ball End, High Precision

SPEED FEED P1208 CARBIDE DIA REG 30° SHANK h6

Milling Diameter Tolerance	
1/64 ≤ D ≤ 1/8	+0 / -0.0004"
3/16 ≤ D ≤ 1/4	+0 / -0.0007"



Units: Inch

EDP Number	Mill Diameter	Overall Length	Length of Cut	Neck Length	Neck Diameter	Shank Diameter	Number of Flutes
	D	L	Lc	L1	d2	d	
72310116	1/64	1-1/2	3/64	0.16	0.012	1/8	2
72310216	1/32	1-1/2	3/32	0.31	0.027	1/8	4
72310316	3/64	1-1/2	3/16	0.47	0.043	1/8	4
72310416	1/16	1-1/2	3/16	0.63	0.058	1/8	4
72310516	3/32	2	3/8	0.94	0.088	1/8	4
72310616	1/8	3	3/4	1.50	0.120	1/8	4
72310716	3/16	4	3/4	1.88	0.183	3/16	4
72310816	1/4	4	1	2.50	0.245	1/4	4

Packed: 1 pc.  
Available Diamond coating only.  
12µm Coating Thickness.



### Work Material

List No.	P				Die Steels	M			K Cast Iron	N		S		Other			
	Carbon Steels			Alloy Steels		Stainless Steels				Aluminum		Nickel Alloy	Titanium	Mg	Brass, Bronze	Graphite	Cobalt-Chrome
	Low	Med.	High			300	400	17-4 PH		6061 7075	Casting	Inconel	6Al4V (30 HRC)				
7230	1010 1018	1035 1045	1065	4140 4340						<input type="checkbox"/>	<input type="checkbox"/>					<input type="checkbox"/>	
7231										<input type="checkbox"/>	<input type="checkbox"/>					<input type="checkbox"/>	

good  best

