



# EXOCARB® Diamond

OSG Patented Diamond Coated Carbide End Mills



## List 7072

4 Flute, Stub Length, Long Shank, Corner Radius

SPEED FEED P1206-1207 CARBIDE DIA STUB 30° SHANK h6

Milling Diameter Tolerance	
1/8 ≤ D ≤ 1/2	+0 / -0.0020"



Units: Inch

EDP Number	Mill Diameter	Corner Radius	Overall Length	Length of Cut	Neck Length	Neck Diameter	Shank Diameter
	D	R	L	Lc	L1	d2	d
70720116	1/8	0.015	3	1/8	0.625	0.119	1/8
70720216	1/8	0.031	3	1/8	0.625	0.119	1/8
70720316	3/16	0.062	3	3/16	0.938	0.178	3/16
70720416	1/4	0.015	4	1/4	0.750	0.238	1/4
70720516	1/4	0.030	4	1/4	0.750	0.238	1/4
70720616	1/4	0.062	4	1/4	0.750	0.238	1/4
70720716	3/8	0.015	4	3/8	1.125	0.356	3/8
70720816	1/2	0.015	6	1/2	1.500	0.475	1/2

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



## List 7010

D-RG-EBDR, 2 Flute, Regular Length, Ball End

SPEED FEED P1206-1207 CARBIDE DIA REG 30° SHANK h6

Radius Tolerance	
1/32 ≤ D ≤ 1/2	+0 / -0.0020"



Units: Inch

EDP Number	Mill Diameter	Overall Length	Length of Cut	Neck Length	Neck Diameter	Shank Diameter	Coating Thickness	
	D	L	Lc	L1	d2	d	12µm	20µm
70100116	1/32	1-3/4	3/32	1/4	0.028	1/8	◆	
70100216	3/64	1-3/4	3/16	1/2	0.040	1/8	◆	
70100316	1/16	1-3/4	3/16	1/2	0.056	1/8	◆	
70100416	5/64	1-3/4	1/4	1/2	0.070	1/8	◆	
70100516	3/32	1-3/4	3/8	1/2	0.088	1/8	◆	
70100716	1/8	1-3/4	1/2	-	-	1/8	◆	
70105716	1/8	1-3/4	1/2	-	-	1/8		◆
70100816	5/32	2	9/16	-	-	5/32	◆	
70100916	3/16	2	3/4	-	-	3/16	◆	
70101116	1/4	2-1/2	3/4	-	-	1/4	◆	
70106116	1/4	2-1/2	3/4	-	-	1/4		◆
70101316	5/16	2-1/2	13/16	-	-	5/16	◆	
70101416	3/8	2-1/2	7/8	-	-	3/8	◆	
70106416	3/8	2-1/2	7/8	-	-	3/8		◆
70101616	1/2	3	1	-	-	1/2	◆	
70106616	1/2	3	1	-	-	1/2		◆

Packed: 1 pc.  
Available Diamond coating only.



### Work Material

List No.	P				Die Steels	M			Cast Iron	N		Titanium 6Al4V (30 HRC)	S				Other			
	Carbon Steels			Alloy Steels 4140 4340		Stainless Steels				Aluminum 6061 7075	Nickel Alloy Inconel		Titanium	Mg	Brass, Bronze	Graphite	Cobalt-Chrome			
	Low 1010 1018	Med. 1035 1045	High 1065			300	400	17-4 PH										Casting		
7072										<input type="checkbox"/>	<input type="checkbox"/>							<input type="checkbox"/>		
7010										<input type="checkbox"/>	<input type="checkbox"/>							<input type="checkbox"/>		

good  best

