



EXOCARB® Diamond

OSG Patented Diamond Coated Carbide End Mills



List 7041

D-GF-EML, 4 Flute, Long Length

SPEED FEED P1206-1207	CARBIDE	DIA	LONG	30°	SHANK h6
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Milling Diameter Tolerance	
1/8 ≤ D ≤ 1/2	+0 / -0.0020"



Units: Inch

EDP Number	Mill Diameter	Overall Length	Length of Cut	Shank Diameter
	D	L	Lc	d
70410716	1/8	3	1	1/8
70410916	3/16	4	1	3/16
70411116	1/4	4	1-1/2	1/4
70411416	3/8	4	1-1/2	3/8
70411616	1/2	5	2	1/2

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



List 7042

4 Flute, Stub Length, Long Shank

SPEED FEED P1206-1207	CARBIDE	DIA	STUB	30°	SHANK h6
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Milling Diameter Tolerance	
1/16 ≤ D ≤ 1/2	+0 / -0.0020"



Units: Inch

EDP Number	Mill Diameter	Overall Length	Length of Cut	Neck Length	Neck Diameter	Shank Diameter
	D	L	Lc	L1	d2	d
70420116	1/16	3	1/16	0.313	0.059	1/16
70420216	3/32	3	3/32	0.469	0.089	3/32
70420316	1/8	3	1/8	0.625	0.119	1/8
70420416	3/16	3	3/16	0.938	0.178	3/16
70420516	1/4	4	1/4	0.750	0.238	1/4
70420616	5/16	4	5/16	0.938	0.297	5/16
70420716	3/8	4	3/8	1.125	0.356	3/8
70420816	1/2	6	1/2	1.500	0.475	1/2

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



Work Material

List No.	P					M			K	N		S		Other			
	Carbon Steels			Alloy Steels 4140 4340	Die Steels	Stainless Steels			Cast Iron	Aluminum		Nickel Alloy Inconel	Titanium 6Al4V (30 HRC)	Mg	Brass, Bronze	Graphite	Cobalt-Chrome
	Low 1010 1018	Med. 1035 1045	High 1065			300	400	17-4 PH		6061 7075	Casting						
7041										<input type="checkbox"/>	<input type="checkbox"/>					<input type="checkbox"/>	
7042										<input type="checkbox"/>	<input type="checkbox"/>					<input type="checkbox"/>	

good best

