



EXOCARB® WXS®

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

List 4470

WXS-CRE, Stub Length, High Feed, Corner Radius, Multiple Flute

SPEED FEED P1185	CARBIDE	WXS	STUB	SHANK h6
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Milling Diameter Tolerance	
1/8 ≤ D ≤ 3/16	+0 / -0.0008"
1/4 ≤ D ≤ 1/2	+0 / -0.0012"



Units: Inch

EDP Number	Mill Diameter	Corner Radius	Overall Length	Length of Cut	Neck Length	Neck Diameter	Shank Diameter	No. of Flutes
	D	R	L	Lc	L1	d2	d	
44700111	1/8	1/32	2-1/4	0.06	3/8	0.12	1/4	3
44700211	3/16	1/16	2-1/4	0.09	9/16	0.18	1/4	3
44700311	1/4	1/16	3	0.10	1	0.23	1/4	4
44700411	5/16	3/32	3	0.13	1-1/4	0.29	5/16	4
44700511	3/8	3/32	4	0.15	1-1/2	0.34	3/8	4
44700611	1/2	1/8	5	0.20	2	0.46	1/2	4

Packed: 1 pc.
Available WXS® coating only.



List 4570

WXS-CRE, Stub Length, High Feed, Corner Radius, Multiple Flute

SPEED FEED P1186	CARBIDE	WXS	STUB	SHANK h6
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Milling Diameter Tolerance	
2 ≤ D ≤ 5	+0 / -0.02mm
6 ≤ D ≤ 13	+0 / -0.03mm



Units: mm

EDP Number	Mill Diameter	Corner Radius	Overall Length	Length of Cut	Neck Length	Neck Diameter	Shank Diameter	No. of Flutes
	D	R	L	Lc	L1	d2	d	
457002011	2	0.50	60	0.8	5.0	1.8	6	3
457003011	3	0.75	60	1.3	9.0	2.7	6	4
457004011	4	1.00	70	1.6	10.0	3.6	6	4
457005011	5	1.20	80	2.0	12.5	4.5	6	4
457006011	6	1.50	90	2.5	12.0	5.4	6	4
457007011	7	1.50	90	3.0	-	-	6	4
457008011	8	2.00	100	3.5	16.0	7.2	8	4
457009011	9	2.00	100	4.0	-	-	8	4
457010011	10	2.00	100	4.5	20.0	9.0	10	4
457011011	11	2.00	100	5.0	-	-	10	4
457012011	12	3.00	110	5.0	24.0	11.0	12	4
457013011	13	3.00	110	6.0	-	-	12	4

Packed: 1 pc.
Available WXS® coating only.



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 1010 1018	Med. 1035 1045	High 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
4470	<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"/>	
4570	<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"/>	

good best

