



# EXOPRO<sup>®</sup> PHX

Phoenix High Feed Radius End Mill

## List 9570

PHX-CRT, 3 Flute, High Feed, Corner Radius



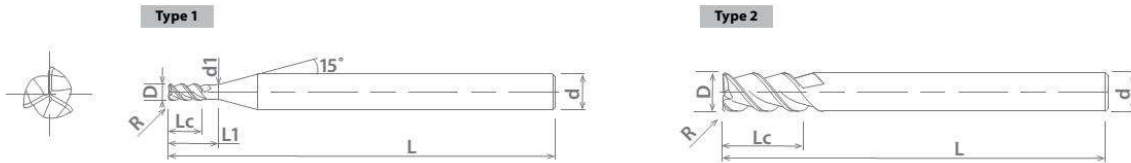
SPEED FEED P1128-1130	CARBIDE	EXO <sup>®</sup>	55°	SHANK h6
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Milling Diameter Tolerance	
1 ≤ D ≤ 5	+0 / -0.015mm
6 ≤ D ≤ 20	+0.01mm / -0.005mm
Radius Tolerance	
0.3 ≤ R ≤ 3	+0.01mm / -0.01mm

Units: mm

EDP Number	Mill Diameter D	Corner Radius R	Overall Length L	Length of Cut Lc	Neck Length L1	Neck Diameter d1	Effective Neck Length (Le) (Based on Inclined Angle)				Shank Diameter d	Type
							α					
							0.5°	1°	2°	3°		
3090002	1.0	0.3	60	2	4.0	0.95	4.29	4.56	5.05	5.50	6	1
3090003	1.5	0.3	60	3	4.5	1.45	4.82	5.11	5.64	6.12	6	1
3090004	2.0	0.5	60	4	6.0	1.95	6.41	6.77	7.39	7.89	6	1
3090006	3.0	0.8	70	6	9.0	2.85	9.46	9.87	10.62	11.48	6	1
3090008	4.0	1.0	70	8	12.0	3.85	12.60	13.09	14.07	15.21	6	1
3090010	5.0	1.0	70	10	15.0	4.85	15.72	16.30	-	-	6	1
3090012	6.0	1.5	80	12	-	-	-	-	-	-	6	2
3090016	8.0	2.0	90	16	-	-	-	-	-	-	8	2
3090020	10.0	2.0	100	20	-	-	-	-	-	-	10	2
3090022	12.0	2.0	120	24	-	-	-	-	-	-	12	2
3090026	16.0	3.0	130	32	-	-	-	-	-	-	16	2
3090030	20.0	3.0	150	40	-	-	-	-	-	-	20	2

Packed: 1 pc.  
Available EXO<sup>®</sup> coating only.



### OSG's Performance & Savings

Don't require ultra-high performance? Try EXOCARB<sup>®</sup> WXS<sup>®</sup> - List 4570 (p. 890)

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	Med.	High	4140		300	400	17-4 PH			6061	Casting	Inconel	6Al4V (30 HRC)	~35 HRC	35-45 HRC
9570	<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

