

HY-PRO® CARB

Performance Sub-Micrograin Carbide End Mills



List HP419L

2 Flute, Long Neck, Ball End



SPEED FEED P1255-1256	CARBIDE	TiAlN		30°	SHANK h6
Milling Diameter Tolerance					
0.6 ≤ D ≤ 3			+0 / -0.038mm		

Units: mm

EDP Number	Mill Diameter	Overall Diameter	Length of Cut	Neck Length	Neck Diameter	Shank Diameter
TiAlN	D	L	Lc	L1	d2	d
HP419L-0236	0.6	60	0.6	6	0.55	6
HP419L-0315	0.8	60	0.8	8	0.75	6
HP419L-0394	1.0	60	1.0	10	0.95	6
HP419L-0472	1.2	60	1.2	12	1.15	6
HP419L-0551	1.4	60	1.4	12	1.35	6
HP419L-0591	1.5	60	1.5	12	1.45	6
HP419L-0630	1.6	60	1.6	16	1.55	6
HP419L-0709	1.8	60	1.8	16	1.75	6
HP419L-0787	2.0	60	2.0	16	1.95	6
HP419L-1181	3.0	70	3.0	30	2.85	6

Packed: 1 pc.
Available TiAlN coating only.



OSG's Performance & Savings

Want to turbo-charge performance? Try EXOCARB® WXL® - List 3790 (p. 858-860)

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 4340		300	400	17-4 PH		6061 7075	Casting	Inconel	6Al4V (30 HRC)	~35 HRC	35-45 HRC	45-50 HRC	50-70 HRC
HP419L	<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

