

HY-PRO® CARB

Performance Sub-Micrograin Carbide End Mills



List HP453

4 Flute, Super Tough Mills

SPEED FEED P1243	CARBIDE	TiAlN		50°	SHANK h6
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Milling Diameter Tolerance	
4≤D≤20	+0 / -0.038mm



Units: mm

EDP Number	Mill Diameter	Overall Length	Length of Cut	Neck Length	Neck Diameter	Shank Diameter
TiAlN	D	L	Lc	L1	d2	d
HP453-1575	4	60	6	12	3.9	6
HP453-2362	6	60	9	18	5.9	6
HP453-3150	8	75	12	24	7.9	8
HP453-3937	10	80	15	30	9.9	10
HP453-4724	12	102	18	36	11.9	12
HP453-6299	16	110	24	48	15.9	16
HP453-7874	20	125	30	60	19.9	20

Packed: 1 pc.
Available TiAlN coating only.



List HP456

4 Flute, Super Tough Mills, Corner Radius

SPEED FEED P1243	CARBIDE	TiAlN		50°	SHANK h6
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Milling Diameter Tolerance	
6≤D≤12	+0 / -0.038mm



Units: mm

EDP Number	Mill Diameter	Corner Radius	Overall Length	Length of Cut	Neck Length	Neck Diameter	Shank Diameter
TiAlN	D	R	L	Lc	L1	d2	d
HP456-2363	6	0.5	60	9	18	5.9	6
HP456-2364	6	1.0	60	9	18	5.9	6
HP456-3151	8	0.5	75	12	24	7.9	8
HP456-3152	8	1.0	75	12	24	7.9	8
HP456-3938	10	0.5	80	15	30	9.9	10
HP456-3939	10	1.0	80	15	30	9.9	10
HP456-4725	12	0.5	102	18	36	11.9	12
HP456-4726	12	1.0	102	18	36	11.9	12
HP456-4727	12	1.5	102	18	36	11.9	12

Packed: 1 pc.
Available TiAlN coating only.



Chart applies to all list numbers above	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	300		400	17-4 PH	6061		Casting	Inconel	6Al4V (30 HRC)	~35 HRC	35-45 HRC	45-50 HRC	50-70 HRC	
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good best

