

# PaNacea-ECO

## Solid Carbide End Mills

MMC Hitachi Tool

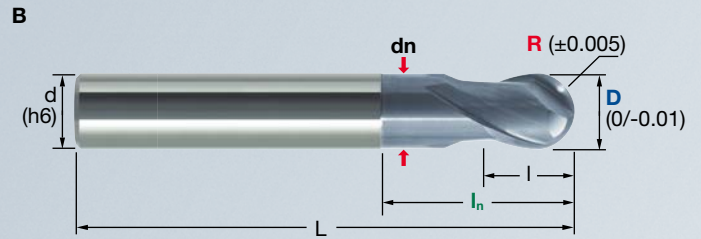
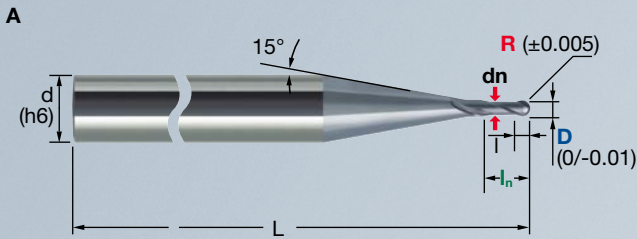
No. 434



**New PN Coating**  
High adhesion and wear resistance  
• Short Length -  $l_n \sim 2.5 \times D$

HECOB-2-PN | PaNacea ECO

<b>V max</b> High Speed	<b>▽</b> Roughing	<b>▽▽▽</b> Finishing	<b>HRC</b> 50
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<b>Carbide</b> Micro Grain	<b>PN</b> PaNacea Coating	<b>Rake Angle</b> Positive
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D	0 / -0.01 mm
R	± 0.005 mm
d	h6
Helix angle	30°

ID Code	Item Code	Z	D	R	l	l <sub>n</sub>	dn	L	d	Type	
EL057	HECOB-2010-PN	2	1	0.5	1	2.5	0.95	40	4	A	
EL058	HECOB-2020-PN		2	1	2	5	1.95				
EL059	HECOB-2030-PN		3	1.5	3	7.5	2.9				
EL060	HECOB-2040-PN		4	2	4	10	3.9	45			6
EL061	HECOB-2050-PN		5	2.5	5	12.5	4.9				
EL062	HECOB-2060-PN		6	3	6	15	5.9				
EL063	HECOB-2080-PN		8	4	8	20	7.9	60	8	B	
EL064	HECOB-2100-PN		10	5	10	25	9.9				
EL065	HECOB-2120-PN		12	6	12	30	11.9				

Features PaNacea ECO

