



# MACH 1 EVO

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ROUTING



# MACH 1 EVO

The budget sized PCD Router with big performance



The **Mach 1 Evo** is a new concept in budget tooling, offering many of the benefits of a high performance Z3 router at a fraction of the cost

## "TWO PCD PLUNGING TIPS"



The innovative design of this Z2+1 router includes a **higher shear angle for feed speeds up to 20 mt/min** and **two PCD plunging tips** for robust ramping capabilities.

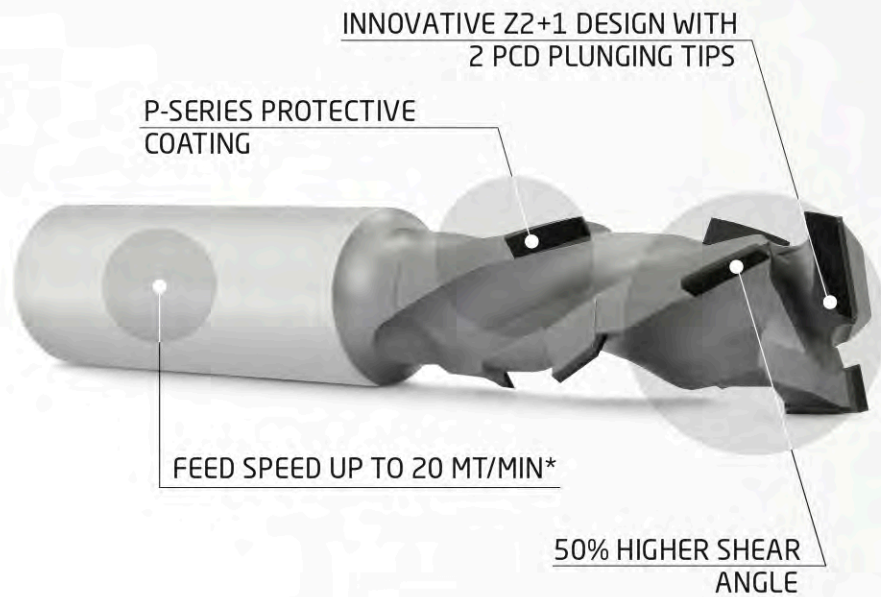
Together with the **P-Series coating** you can now **double your tool-life** compared to a standard Z1+1 router.

Use the new Mach 1 Evo with Aerotech® to optimise your routing operations and **go dust free.**



P-Series  
Coated Tools

# ADVANTAGES



## Innovative Z2+1 design

- Two PCD plunging tips for robust ramping capabilities
- Double tool-life compared to a standard Z1+1 router

## Fast feed speed

- Feed speed up to 20 mt/min\*
- Increase your productivity with the fastest budget router you can choose

## P-Series quality

- Diamond cutters with P-Series special protective coating
- Excellent wear resistance and double tool-life compared to non-coated standard tools

## High shear angle

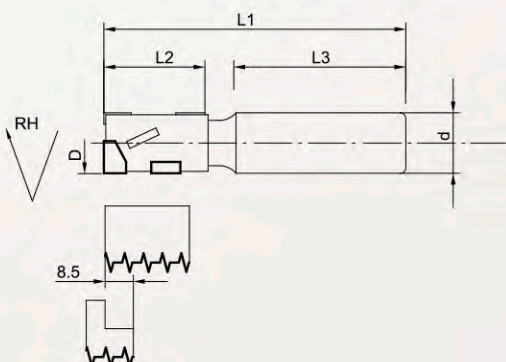
- 50% higher shear angle
- Reduced cutting pressure
- High quality edge finish
- Less metal fatigue and better tool-life

### Comparative Chart

	COMPETITOR	MACH1 CRUING	MACH1 EVO CRUING
<b>Diameter</b>	10 - 20 mm	10 - 20 mm	<b>12 - 20 mm</b>
<b>Feed speed</b>	up to 12 mt.	up to 12 mt.	<b>up to 20 mt. *</b>
<b>PCD cutting edges</b>	1+1	1+1	<b>2+1</b>
<b>Plunging tips</b>	HM	HM	<b>DP</b>
<b>Coating</b>	NO	NO	<b>YES</b>
<b>Performance</b>	☆	☆	<b>★★★</b>

### Technical features

D	L2	d	L3	L1	Z	cod (RH)
12	25,4	12	40	75	2+1 (5)	DP1E005D
12	25,4	25	55	90	2+1 (5)	DP1E007D
12,7	25,4	12,7	40	72	2+1 (5)	DP1EH01D
12,7	35	12,7	40	82	2+1 (6)	DP1EH02D
16	25,4	16	45	80	2+1 (5)	DP1E00AD
16	35	16	45	90	2+1 (7)	DP1E00BD
18	25,4	20	55	90	2+1 (6)	DP1E00ED
18	35	20	55	100	2+1 (7)	DP1E00FD
18	43	20	55	110	2+1 (8)	DP1E00GD
20	51	20	55	115	2+1 (9)	DP1E00KD



\*Parameters based on ideal conditions. For more technical details visit our website [www.cruing.com](http://www.cruing.com)



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