

## Solid carbide HPC end mill / torus milling cutter VariMill™ I

4 cutting edges, AlTiN-coated



### Application:

Suitable for plunge milling, groove milling and profile milling with the largest possible feed for a variety of materials. These tools have been designed for maximum cutting volumes with superior surface quality.



### Version:

- Unequal cutting edge pitch
- Cutting over centre
- Optimised core design

### Advantage:

- For practically all materials
- rough machining and finishing with just one tool

Application	Steel (N/mm <sup>2</sup> )			Stainless steel		Alu		Brass		Bronze		Plas-tics	Graphite G(C)FK	GG(G) GJMW	Titan-alloy	Nickel-alloy	Super-alloy	Hard mat.	
	<700	<1000	<1300	marten.	austen.	short	long	short	long	short	long							<55 HRC	<65 HRC
	180	140			90									130	60		50	120	

<b>Art. no.</b>	<b>16250 072</b>
<b>Cutting material</b>	SC
<b>Surface</b>	AlTiN
<b>Type</b>	4777 VariMill™ I
<b>Number of cutting edges</b>	4 PCS
<b>Twist angle</b>	38°
<b>Tool holding device</b>	HA parallel shank
<b>Overall length</b>	Normal
<b>Cutting edge diameter</b>	16 mm
<b>Cutting edge length</b>	32 mm
<b>Clearance length</b>	32 mm
<b>Length</b>	92 mm
<b>Edge protection chamfer length</b>	0.5 mm
<b>Shaft diameter</b>	16 mm
<b>fz steel 1000</b>	0.077 mm
<b>Overall stainless steel suitability</b>	1
<b>fitness not iron total</b>	3
<b>fitness Titan/Nickel/Super total</b>	2

### EAN-Code

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