

## solid carbide HPC end mill „trochoidal“ - ALUMINIUM

4 cutters, uncoated, 3xD design

**ATORN®**



### Application

The TVC end mills are optimally suited for processing with modern milling strategies. Cutting lengths of 3xD and 4xD, reinforced cores and specially developed chip breaker geometries allow for deep operating depths with maximum process reliability.

### Version

- solid carbide ultra-fine grain
- straight shank in line with DIN 6535 HB
- uncoated and polished
- centre cutting and edge protection chamfer
- 3xD design with clearance
- uneven twist angle

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

<b>Art. no.</b>	<b>16859 144</b>
<b>Cutting material</b>	VHM
<b>Surface</b>	Uncoated
<b>Type</b>	W
<b>Number of cutting edges</b>	4 PCS
<b>Twist angle</b>	20°
<b>Tool holding device</b>	HB parallel shank
<b>Overall length</b>	Long
<b>Cutting edge diameter</b>	6 mm
<b>Cutting edge length</b>	19 mm
<b>Clearance length</b>	21 mm
<b>Length</b>	62 mm
<b>Edge protection chamfer length</b>	0.12 mm
<b>Clearance diameter</b>	5.8 mm
<b>Shaft diameter</b>	6 mm
<b>fz aluminium</b>	0.1 mm
<b>Overall stainless steel suitability</b>	3
<b>fitness not iron total</b>	3
<b>fitness Titan/Nickel/Super total</b>	3

### EAN-Code

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