

## Solid carbide HPC torus multi-tooth mills

4-6 flutes, TiAlN coated

**ORION®**



### Application

Torus milling cutter for processing materials up to 68 HRC, e.g. for die and mould making.

### Version

- solid carbide ultra-fine grain
- TiSiN-coated
- HA shank in line with DIN 6535
- type H
- 0° chip angle
- cutting edge finish
- centre cutting
- Radius tolerance = +/- 0.005 mm

### Advantage

- optimum chip removal and temperature resistance
- Maximum service life due to TiSiN coating

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	
																			170	110

<b>Art. no.</b>	<b>16932 051</b>
<b>Cutting material</b>	VHM
<b>Surface</b>	TiSiN
<b>Type</b>	H
<b>Number of cutting edges</b>	6 PCS
<b>Twist angle</b>	45°
<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>	16 mm
<b>Clearance length</b>	44 mm
<b>Length</b>	93 mm
<b>Clearance diameter</b>	15 mm
<b>Shaft diameter</b>	16 mm
<b>fz hard 65 HRC</b>	0.09 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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