

## Solid carbide HPC torus milling cutter

3 blades, ULTRA N-coated

**ATORN®**



### Application

HPC torus milling cutter for roughing and finishing non-ferrous metals.

### Version

- Solid carbide ultra-fine grain
- Straight shank in accordance with DIN 6535 HA
- Defined edge rounding of the blade
- Radius tolerance = +/- 0.01 mm
- Centre cutting
- With clearance
- ZrCN ULTRA N-coated

### Advantage

- Higher feed rates and cutting depths possible
- Defined edge rounding for outstanding service life

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	
							425	190	250	175	210	350								

<b>Art. no.</b>	<b>16653 565</b>
<b>Cutting material</b>	VHM
<b>Surface</b>	ULTRA N
<b>Type</b>	W
<b>Number of cutting edges</b>	3 PCS
<b>Twist angle</b>	45°
<b>Tool holding device</b>	HA parallel shank
<b>Overall length</b>	Normal
<b>Cutting edge diameter</b>	12 mm
<b>Cutting edge length</b>	26 mm
<b>Clearance length</b>	36 mm
<b>Length</b>	83 mm
<b>Clearance diameter</b>	11.4 mm
<b>Shaft diameter</b>	12 mm
<b>Edge radius</b>	1 mm
<b>fz aluminium</b>	0.08 mm

### EAN-Code

4050293342567