

## Solid carbide end mill

2 cutters, ULTRA N-coated

**ATORN®**



### Application

End mill for plunging and groove milling in NF metals.

### Version

- Solid carbide ultra-fine grain
- Straight shank in accordance with DIN 6535 HB
- With edge protection chamfer
- Defined edge rounding of cutter
- Centre cutting
- With clearance
- ZrCN ULTRA N-coated

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>16652 145</b>
<b>Cutting material</b>	VHM
<b>Surface</b>	ULTRA N
<b>Type</b>	W
<b>Number of cutting edges</b>	2 PCS
<b>Twist angle</b>	45°
<b>Tool holding device</b>	HB parallel shank
<b>Overall length</b>	Normal
<b>Cutting edge diameter</b>	10 mm
<b>Cutting edge length</b>	22 mm
<b>Clearance length</b>	29 mm
<b>Length</b>	72 mm
<b>Edge protection chamfer length</b>	0.2 mm
<b>Clearance diameter</b>	9.7 mm
<b>Shaft diameter</b>	10 mm
<b>fz aluminium</b>	0.05 mm
<b>Overall stainless steel suitability</b>	3
<b>fitness not iron total</b>	1
<b>fitness Titan/Nickel/Super total</b>	3

### EAN-Code

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