

## Solid carbide end mill

4 cutting edges, uncoated

**ATORN®**



### Application

End mill for universal machining.

### Version

- solid carbide ultra-fine grain
- straight shank in accordance with DIN 6535 HA
- centre cutting
- 2-4 mm diameter without clearance
- without edge protection chamfer

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
	115	90	75	65	60	250		160	180	110	130	130			55	50	45		

<b>Art. no.</b>	<b>16830 200</b>
<b>Cutting material</b>	VHM
<b>Surface</b>	Uncoated
<b>Type</b>	N
<b>Number of cutting edges</b>	4 PCS
<b>Twist angle</b>	30°
<b>Tool holding device</b>	HA parallel shank
<b>Overall length</b>	Normal
<b>Cutting edge diameter</b>	20 mm
<b>Cutting edge length</b>	40 mm
<b>Clearance length</b>	52 mm
<b>Length</b>	104 mm
<b>Clearance diameter</b>	19.5 mm
<b>Shaft diameter</b>	20 mm
<b>fz steel 1000</b>	0.12 mm
<b>Overall stainless steel suitability</b>	1
<b>fitness not iron total</b>	2
<b>fitness Titan/Nickel/Super total</b>	2

### EAN-Code

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