

## Solid carbide mini radius milling cutter

2 cutting edges, RockTec 65-coated

**ATORN**<sup>®</sup>



### Application

Mini radius cutter with long neck for machining materials up to 65 HRC.

### Version

- solid carbide ultra-fine grain
- cutting edge finish
- HA shank in accordance with DIN 6535
- with clearance
- type H
- -5° chip angle
- RockTec 65-coated
- cutting edge tolerance, dia. 0.2-0.7 mm = 0/-0.012 mm
- cutting edge tolerance, dia. 0.7-3.0 mm = 0/-0.020 mm
- radius tolerance = 0/-0.010 mm

### Advantage

- optimum chip removal and temperature resistance
- maximum service life thanks to RockTec 65 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
		220		155													105	155	130

<b>Art. no.</b>	<b>16977 117</b>
<b>Cutting material</b>	VHM
<b>Surface</b>	RockTec 65
<b>Type</b>	H
<b>Number of cutting edges</b>	2 PCS
<b>Twist angle</b>	30°
<b>Tool holding device</b>	HA parallel shank
<b>Overall length</b>	Normal
<b>Cutting edge diameter</b>	0.6 mm
<b>Cutting edge length</b>	0.5 mm
<b>Clearance length</b>	2 mm
<b>Length</b>	50 mm
<b>Clearance diameter</b>	0.55 mm
<b>Shaft diameter</b>	4 mm
<b>fz hard 52 HRC</b>	0.007 mm

### EAN-Code

4050293198133