

**SC roughing cutter**  
ULTRA-coated, short cutting length

**ATORN®**



**Application**

For universal rough cutting with maximum machining performance. Ideal for dry machining.

**Version**

- Solid carbide ultra-fine grain
- Straight shank in accordance with DIN 6535 HB
- Centre cutting
- With edge protection chamfer
- With clearance

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
	150	150	110	110	110	350		140		130				150	70	50	50		

<b>Art. no.</b>	<b>16848 121</b>
<b>Cutting material</b>	VHM
<b>Surface</b>	ULTRA
<b>Type</b>	NR
<b>Number of cutting edges</b>	4 PCS
<b>Twist angle</b>	45°
<b>Tool holding device</b>	HB parallel shank
<b>Overall length</b>	Normal
<b>Cutting edge diameter</b>	12 mm
<b>Cutting edge length</b>	18 mm
<b>Clearance length</b>	35 mm
<b>Length</b>	83 mm
<b>Edge protection chamfer length</b>	0.3 mm
<b>Clearance diameter</b>	11.5 mm
<b>Shaft diameter</b>	12 mm
<b>fz steel 1000</b>	0.12 mm

**EAN-Code**

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