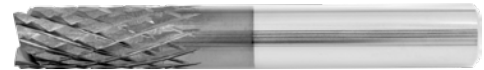


## Solid carbide HSC compression milling cutters

Diamond-coated

**ATORN®**



### Application

With this tool, the spiral changes from left to right, which leads to the axial cutting forces being compressed at a centred point. The tools are available in three lengths to ensure compression always occurs in the centre of the workpiece. This allows delamination issues to be more effectively dealt with. HSC compression milling cutters are especially suitable for machining epoxy resin or polyester-based plastics with carbon or glass fibres and make it possible to manufacture surfaces in finishing quality ( $ra < 2 \mu m$ ).

### Version

- Solid carbide ultra-fine grain
- Diamond coating
- Straight shank in accordance with DIN 6535 HA
- 3 spiral changes available

### Advantage

- Spiral change from left to right
- Simultaneous drawing and pushing cut
- Opposing flutes with chip breakers
- Axial cutting forces run together in the middle

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	

<b>Art. no.</b>	<b>16658 320</b>
<b>Cutting material</b>	VHM
<b>Surface</b>	Diamond coating
<b>Tool holding device</b>	HA parallel shank
<b>Overall length</b>	Normal
<b>Cutting edge diameter</b>	6 mm
<b>Cutting edge length</b>	22 mm
<b>Clearance length</b>	11 mm
<b>Length</b>	60 mm
<b>Shaft diameter</b>	6 mm
<b>fz aluminium</b>	0.06 mm
<b>Overall stainless steel suitability</b>	3
<b>fitness not iron total</b>	3
<b>fitness Titan/Nickel/Super total</b>	3

### EAN-Code

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