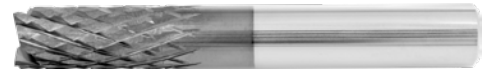


Solid carbide HSC compression milling cutters

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 ²)			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	

Art. no.	16658 410
Cutting material	VHM
Surface	Diamond coating
Tool holding device	HA parallel shank
Overall length	Normal
Cutting edge diameter	12 mm
Cutting edge length	40 mm
Clearance length	20 mm
Length	83 mm
Shaft diameter	12 mm
fz aluminium	0.2 mm
Overall stainless steel suitability	3
fitness not iron total	3
fitness Titan/Nickel/Super total	3

EAN-Code

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