

solid carbide HPC end mill „trochoidal“ - STEEL

5 cutters, ULTRA-coated, 3xD design

ATORN®



Application

The TVC end mills are optimally suited for processing with modern milling strategies. Cutting lengths of 3xD and 4xD, reinforced cores and specially developed chip breaker geometries allow for deep operating depths with maximum process reliability.

Version

- solid carbide ultra-fine grain
- straight shank in line with DIN 6535 HB
- ULTRA-coated
- centre cutting and edge protection chamfer
- 3xD design with clearance
- special chip breakers for short chips
- uneven twist angle

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
	270	250	220											170					

Art. no.	16859 004
Cutting material	VHM
Surface	ULTRA
Type	N
Number of cutting edges	5 PCS
Twist angle	45°
Tool holding device	HB parallel shank
Overall length	Long
Cutting edge diameter	8 mm
Cutting edge length	26 mm
Clearance length	28 mm
Length	68 mm
Edge protection chamfer length	0.16 mm
Clearance diameter	7.7 mm
Shaft diameter	8 mm
fz steel 1000	0.09
Overall stainless steel suitability	3
fitness not iron total	3
fitness Titan/Nickel/Super total	3

EAN-Code

4050293417593