

Solid carbide HPC end mill for interchangeable head system

4 cutting edges, TiAlN-coated

ATORN®

Application

HPC interchangeable milling heads with uneven twist and uneven pitch for universal rough machining and smoothing.

Execution

- Solid carbide ultra-fine grain
- TiAlN-coated
- Centre cutting
- Unequal twist angle of 35°/38°
- With edge protection chamfer
- Unequal cutting edge pitch
- Rounded cutting edges

Advantage

- Extremely smooth running
- Reduces vibrations
- Higher feed rates and cutting depths possible
- Defined edge rounding for maximum service life



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
	180	150	130	80	75									170					

Art. No.	16980 420
Cutting material	VHM
Surface	TiAlN
Type	N
Number of cutting edges	4 PCS
Twist angle	35°, 38°
Edge protection chamfer length	0.5 mm
Cutting edge diameter	20 mm
Cutting edge length	15 mm
Length	26 mm
Clearance diameter	19.2 mm
fz steel 1000	0.12 mm

EAN-Code

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