

Solid carbide HPC end mill, long

3 cutting edges, ULTRA-coated, internal cooling

ATORN®



Application

HPC end mill for universal application, ideal for groove milling.

Version

- Solid carbide ultra-fine grain
- ULTRA high-performance coating
- Centre cutting
- Unequal twist angle 33°/35°/37°
- Unequal cutting edge pitch
- With edge protection chamfer
- With clearance
- Cutting edge with edge preparation
- With internal cooling

Advantage

- Increased material removal rate
- High level of process reliability up to 2xD
- Higher feed rates and cutting depths possible
- Reduces vibrations
- Ideal for groove milling

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
		160	130	120				260						160	70	40	40		

Art. no.	16858 206
Cutting material	VHM
Surface	ULTRA
Type	N
Number of cutting edges	3 PCS
Twist angle	33°, 35°, 37°
Tool holding device	HB parallel shank
Overall length	Normal
Cutting edge diameter	6 mm
Cutting edge length	13 mm
Clearance length	21 mm
Length	57 mm
Edge protection chamfer length	0.2 mm
Clearance diameter	5.7 mm
Shaft diameter	6 mm
fz steel 1000	0.06 mm
Overall stainless steel suitability	2
fitness not iron total	2
fitness Titan/Nickel/Super total	2

EAN-Code

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