

Solid carbide HPC end mill, short

3 cutting edges, ULTRA-coated

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

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 020
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	Short
Cutting edge diameter	20 mm
Cutting edge length	20 mm
Clearance length	40 mm
Length	92 mm
Edge protection chamfer length	0.3 mm
Clearance diameter	19 mm
Shaft diameter	20 mm
fz steel 1000	0.2 mm
Overall stainless steel suitability	2
fitness not iron total	2
fitness Titan/Nickel/Super total	2

EAN-Code

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