

Solid carbide end mill

3-cutter, ULTRA N PRO-coated

ATORN®



Application

Long HPC end mill with variable pitch for roughing and finishing non-ferrous metals with maximum results.

Version

- Solid carbide ultra-fine grain
- straight shank in line with DIN 6535 HB
- ULTRA-N PRO-coated
- with edge protection chamfer
- Defined edge rounding of the cutting edge
- centre cutting
- with clearance
- Polish sanding

Advantage

- Ultra-smooth coating thickness
- Excellent chip removal
- defined edge rounding for maximum service life
- Large chip area for optimum chip flow
- Ideal for NF metals and plastics

Application	Steel (N/mm ²)			Stainless steel		Alu		Brass		Bronze		Plastics	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	380	170	225	160	190	315							

Art. no.	16665 410
Cutting material	VHM
Surface	ULTRA N PRO
Type	W
Number of cutting edges	3 PCS
Twist angle	45°
Tool holding device	HA parallel shank
Overall length	Long
Cutting edge diameter	6 mm
Cutting edge length	10 mm
Clearance length	42 mm
Length	80 mm
Edge protection chamfer length	0.2 mm
Clearance diameter	5.8 mm
Shaft diameter	6 mm
fz aluminium	0.026 mm
Overall stainless steel suitability	3
fitness not iron total	1
fitness Titan/Nickel/Super total	3

EAN-Code

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