

Solid carbide miniature torus milling cutter

2 flutes, ULTRA MS-coated

ATORN®



Application

High-precision miniature torus milling cutter with long neck for process reliability in machining stainless steels, titanium, nickel and cobalt alloys.

Version

- Ultra-fine grain cemented carbide
- Tolerance: < diameter 0.7 mm = 0/-0.012 mm and < diameter 4 mm = 0/-0.020 mm
- Radius tolerance = 0/-0.010 mm
- Straight shank, HA
- With clearance
- High-performance layer, ULTRA MS
- Defined cutting edge rounding
- Centre cutting

Advantage

- Large selection of clearance lengths
- Best chip removal and temperature resistance
- Maximum service life due to ULTRA MS coating

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
	45	40		35	30										45	40	45		

Art. no.	16672 082
Cutting material	VHM
Surface	ULTRA MS
Type	VA
Number of cutting edges	2 PCS
Twist angle	40°
Tool holding device	HA parallel shank
Overall length	Long
Cutting edge diameter	2 mm
Cutting edge length	3 mm
Clearance length	12 mm
Length	50 mm
Clearance diameter	1.95 mm
Shaft diameter	4 mm
Edge radius	0.2 mm
fz stainless steel	0.016 mm

EAN-Code

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