

Solid carbide miniature torus milling cutter

2 cutters, RockTec 52-coated

ATORN®



Application

Miniature torus milling cutter with a long neck for machining materials up to 52 HRC, e.g. in dip cutting and mould construction.

Version

- Solid carbide ultra-fine grain
- Cutting edge finish
- HA shank in accordance with DIN 6535
- With clearance
- Type N
- Chip angle 3°
- RockTec 52-coated
- Cutter tolerance \varnothing 0.2-0.7 mm = 0/-0.012 mm
- Cutter tolerance \varnothing 0.7-3.0 mm = 0/-0.020 mm
- Radius tolerance = 0/-0.010 mm

Advantage

- Excellent chip removal and temperature resistance
- Maximum service life thanks to RockTec 52 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
	135			80	85									80	75	70	60	55	

Art. no.	16973 021
Cutting material	VHM
Surface	RockTec 52
Type	N
Number of cutting edges	2 PCS
Twist angle	40°
Tool holding device	HA parallel shank
Overall length	Long
Cutting edge diameter	0.8 mm
Cutting edge length	1.2 mm
Clearance length	6 mm
Length	50 mm
Clearance diameter	0.75 mm
Shaft diameter	4 mm
Edge radius	0.08 mm
fz steel 1300	0.01 mm

EAN-Code

4050293194234