

SC HPC torus milling cutter

4 cutters, ULTRA MS-coated

ATORN®



Application

HPC torus milling cutter with an unequal twist and unequal pitch for smoothing and rough machining stainless steels and titanium, Ni and Co alloys. The unequal twist angle prevents vibration on the tool, thereby ensuring excellent finishing surfaces as well as higher feed rates and greater cutting depths.

Version

- Ultra-fine grain cemented carbide
- HA straight shank
- With clearance
- ULTRA MS high-performance coating
- Defined cutting edge rounding
- Centre cutting

Advantage

- Rough machining and smoothing with a single tool
- Ideal for trochoidal milling
- HPC geometry for optimum feed rates and running smoothness
- Suitable for large cutting depths

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
	140	130		70	60										70	60	70		

Art. no.	16672 244
Cutting material	VHM
Surface	ULTRA MS
Type	VA
Number of cutting edges	4 PCS
Twist angle	35°, 38°
Tool holding device	HA parallel shank
Overall length	Normal
Cutting edge diameter	12 mm
Cutting edge length	26 mm
Clearance length	37 mm
Length	83 mm
Clearance diameter	11 mm
Shaft diameter	12 mm
Edge radius	3 mm
fz stainless steel	0.045 mm

EAN-Code

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