

Multi-range thread milling cutter with neck recess solid carbide TiAlN 15° straight shank HA

For universal use up to 1500 N/mm² in female threads.

ATORN®

Application

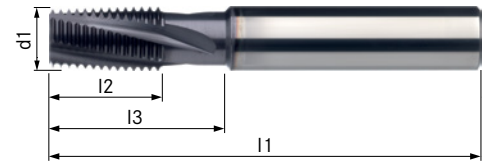
For manufacturing right-handed and left-handed metric threads in through and blind holes on CNC and conventional machines in the steel, stainless steel, NF metal, cast and special alloy material groups up to a strength of 1500 N/mm² in single part and series production.

Version

- With collar recess.

Advantage

- Innovative cutting geometry for very high dimensional accuracy, process reliability and chip removal.
- Deep thread depth achievable due to collar recess between thread part and shank.



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
	120	110	90		80	220	240			180	180	220	150	90	50	40	40		

Art. No.	13498 302
Tool holding device	HA parallel shank
Cutting material	VHM
Surface	TiAlN
Hole type	Clearance/blind hole ≤ 2xD
Coolant supply	Internal
Cutting edge diameter	20 mm
Pitch	2 mm
Suitable from thread size	M27
Length	105 mm
Cutting edge length	33 mm
Effective length of thread milling	50 mm
Shaft diameter	20 mm
Number of cutting edges	5 PCS
f steel 1000	0.09 mm/r

EAN-Code

405029327 1973