

Multi-range thread milling cutter solid carbide TiAlN (M, MF) with axial internal cooling straight shank HA

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

ATORN[®]

Application

For producing **metric** right-hand and left-hand threads on CNC machines in through holes and blind holes in the steel, stainless steel, non-ferrous metals, cast iron and special alloy material groups up to a strength of 1500 N/mm².



Version

- Precision-ground thread milling cutter

Advantage

- Innovative cutting geometry for very high dimensional accuracy, process reliability and chip removal.

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

Art. no.	13496 588
Cutting material	VHM
Surface	TiAlN
Hole type	Clearance/blind hole ≤ 2xD
Coolant supply	Internal
Tool holding device	HA parallel shank
Cutting edge diameter	12 mm
Pitch	1.5 mm
Suitable for metric fine threads from	MF16
Length	84 mm
Cutting edge length	26.3 mm
Shaft diameter	12 mm
Number of cutting edges	4 PCS
f steel 1000	0.08 mm/r

EAN-Code

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