

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		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.	13496 600
Cutting material	VHM
Surface	TiAlN
Hole type	Clearance/blind hole ≤ 2xD
Coolant supply	Internal
Tool holding device	HA parallel shank
Cutting edge diameter	11.8 mm
Pitch	2 mm
Suitable for metric fine threads from	MF17
Suitable for metric threads from	M16
Length	105 mm
Cutting edge length	39 mm
Shaft diameter	12 mm
Number of cutting edges	4 PCS
f steel 1000	0.07 mm/r

EAN-Code

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