

Multi-range thread milling cutter solid carbide TiAlN (M, MF) without 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.
- High-performance coating and cemented carbide ensure long service life

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
		90	80	80	60			160	16	140	140	180	120	70					

Art. no.	13496 213
Cutting material	VHM
Surface	TiAlN
Hole type	Clearance/blind hole ≤ 1.5xD
Coolant supply	External
Tool holding device	HA parallel shank
Cutting edge diameter	14 mm
Pitch	2.5 mm
Suitable for metric fine threads from	MF22
Suitable for metric threads from	M20
Length	84 mm
Cutting edge length	33.8 mm
Shaft diameter	14 mm
Number of cutting edges	4 PCS
f steel 1000	0.11 mm/r

EAN-Code

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