

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 217
Cutting material	VHM
Surface	TiAlN
Hole type	Clearance/blind hole ≤ 1.5xD
Coolant supply	External
Tool holding device	HA parallel shank
Cutting edge diameter	20 mm
Pitch	3 mm
Suitable for metric fine threads from	MF28
Suitable for metric threads from	M27
Length	105 mm
Cutting edge length	43.5 mm
Shaft diameter	20 mm
Number of cutting edges	4 PCS
f steel 1000	0.15 mm/r

EAN-Code

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