

Thread milling cutter solid carbide TiAlN 3xD (M, MF) 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

- Thread milling cutters with short thread section

Advantage

- Innovative cutting geometry and high-quality cemented carbide ensure very high degree of dimensional accuracy, process reliability and chip removal
- Tapping of very small threads from M1 x 0.2 possible

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	70	60	70	60	140	140	135	135	120	120	135	120	50	30	25	25		

Art. no.	13496 948
Cutting material	VHM
Surface	TiAlN
Hole type	Clearance/blind hole ≤ 3xD
Coolant supply	External
Tool holding device	HA parallel shank
Cutting edge diameter	3.1 mm
Pitch	0.7 mm
Suitable for metric threads from	M4
Length	105 mm
Effective length of thread milling	12.5 mm
Shaft diameter	6 mm
Number of cutting edges	3 PCS
f steel 1000	0.05 mm/r

EAN-Code

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