

Thread milling cutter, single-edge cutter, full-profile, 60°

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 steel, stainless steel, non-ferrous metals, cast iron and special alloy material groups up to a strength of 1500 N/mm².

Version

- Single-edge cutter in full-profile design

Advantage

- Innovative cutting geometry for very high dimensional accuracy, process reliability and chip removal.
- High-quality cutting material and cutting edge finish for very high service life requirements
- Low tool costs thanks to high variability in the thread diameter, just one tool required for right-hand thread and left-hand thread

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
	90	70	60	70	60	140	140	135	135	120	120	135	120	50	30	25	25		

Art. no.	13498 696
Hole type	Clearance/blind hole ≤ 3xD
Coolant supply	External
Min./max. pitch internal	0.3-0.3 mm
Cutting edge diameter	15 mm
Shaft diameter	3 mm
Effective length of thread milling	5 mm
Length	39 mm
Number of grooves	3 PCS
Machining type	Inside
Number of cutting edges	1 PCS

EAN-Code

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