

Thread milling cutter, single-edge cutter, sub-profile, 60°, with internal cooling

For universal use up to 1500 N/mm² in male and 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 sub-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 666
Min./max. pitch internal	0.5-0.8 mm
Min./max. pitch external	0.4-0.8 mm
Min./max. number of thread starts per inch internal	56-28
Min./max. number of thread starts per inch external	64-32
Cutting edge diameter	5 mm
Shaft diameter	6 mm
Effective length of thread milling	20 mm
Length	58 mm
Coolant supply	Internal
Number of grooves	4 PCS
Machining type	Inside, Outside
Number of cutting edges	1 PCS

EAN-Code

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