

## Thread milling cutter, single-edge cutter, sub-profile, 60°

For universal use up to 1500 N/mm<sup>2</sup> 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/mm<sup>2</sup>.

### 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 <sup>2</sup> )			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		

<b>Art. no.</b>	<b>13498 664</b>
<b>Min./max. pitch internal</b>	0.5-1 mm
<b>Min./max. pitch external</b>	0.5-1 mm
<b>Min./max. number of thread starts per inch internal</b>	48-24
<b>Min./max. number of thread starts per inch external</b>	48-24
<b>Cutting edge diameter</b>	4 mm
<b>Shaft diameter</b>	6 mm
<b>Effective length of thread milling</b>	12.5 mm
<b>Length</b>	58 mm
<b>Coolant supply</b>	External
<b>Number of grooves</b>	3 PCS
<b>Machining type</b>	Inside, Outside
<b>Number of cutting edges</b>	1 PCS

### EAN-Code

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