

## Multi-range thread milling cutter solid carbide TiAlN (M, MF) with axial internal cooling straight shank HA

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

**ATORN**<sup>®</sup>



### 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/mm<sup>2</sup>.

### Version

- Precision-ground thread milling cutter

### Advantage

- Innovative cutting geometry for very high dimensional accuracy, process reliability and chip removal.

Application	Steel (N/mm <sup>2</sup> )			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
	120	110	90		80	220	240			180	180	220	150	90	50	40	40		

<b>Art. no.</b>	<b>13496 604</b>
<b>Cutting material</b>	VHM
<b>Surface</b>	TiAlN
<b>Hole type</b>	Clearance/blind hole ≤ 2xD
<b>Coolant supply</b>	Internal
<b>Tool holding device</b>	HA parallel shank
<b>Cutting edge diameter</b>	15 mm
<b>Pitch</b>	2.5 mm
<b>Suitable for metric fine threads from</b>	MF22
<b>Suitable for metric threads from</b>	M20
<b>Length</b>	105 mm
<b>Cutting edge length</b>	33.8 mm
<b>Shaft diameter</b>	16 mm
<b>Number of cutting edges</b>	5 PCS
<b>f steel 1000</b>	0.07 mm/r

### EAN-Code

4050293211283