

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

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

<b>Art. no.</b>	<b>13496 944</b>
<b>Cutting material</b>	VHM
<b>Surface</b>	TiAlN
<b>Hole type</b>	Clearance/blind hole ≤ 3xD
<b>Coolant supply</b>	External
<b>Tool holding device</b>	HA parallel shank
<b>Cutting edge diameter</b>	2.75 mm
<b>Pitch</b>	0.6 mm
<b>Suitable for metric threads from</b>	M3.5
<b>Length</b>	58 mm
<b>Effective length of thread milling</b>	10.5 mm
<b>Shaft diameter</b>	6 mm
<b>Number of cutting edges</b>	3 PCS
<b>f steel 1000</b>	0.05 mm/r

### EAN-Code

4050293207293