

## Thread milling cutter solid carbide TiAlN 2xD (M, MF) straight shank HA

For hard machining up to 63 HRC in female threads.

**ATORN®**



### Application

For producing metric right-hand and left-hand threads on CNC machines in through holes and blind holes in the hardened steel material group up to a strength of 63HRC.

### Version

- Thread milling cutters with short thread section

### Advantage

- Innovative cutting geometry and coating technology ensure very high dimensional accuracy, process reliability and chip removal.
- Tapping of very small threads from M2 x 0.4 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
																		50	40

<b>Art. no.</b>	<b>13496 976</b>
<b>Cutting material</b>	VHM
<b>Surface</b>	TiAlN
<b>Hole type</b>	Clearance/blind hole ≤ 2xD
<b>Coolant supply</b>	External
<b>Tool holding device</b>	HA parallel shank
<b>Cutting edge diameter</b>	3.8 mm
<b>Pitch</b>	0.8 mm
<b>Suitable for metric threads from</b>	M5
<b>Length</b>	58 mm
<b>Effective length of thread milling</b>	12.5 mm
<b>Shaft diameter</b>	6 mm
<b>Number of cutting edges</b>	3 PCS
<b>f hard 65 HRC</b>	0.02 mm/r

### EAN-Code

405029320794 1