

## Multi-range thread milling cutter solid carbide TiAlN (G) without internal cooling straight shank HA

for universal use up to 1500 N/mm<sup>2</sup> in male and female threads

**ATORN**<sup>®</sup>



### Application

For producing right-hand and left-hand **pipe 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>.

### 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		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	80	80	60			160	16	140	140	180	120	70					

<b>Art. no.</b>	<b>13496 368</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>	20 mm
<b>Suitable from thread size</b>	G 1 inch
<b>Length</b>	105 mm
<b>Cutting edge length</b>	47.3 mm
<b>Shaft diameter</b>	20 mm
<b>Number of cutting edges</b>	5 PCS
<b>f steel 1000</b>	0.15 mm/r

### EAN-Code

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