

## Multi-range thread milling cutter with 45° countersink, solid carbide 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 threads and left-hand threads with countersink on CNC machines in blind holes and through holes, 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

- Precision-ground thread milling cutter with countersink for maximum requirements in terms of process reliability and service life

### Advantage

- Innovative cutting geometry and coating technology ensure very high degree of 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
- Significantly optimised process times, as thread and countersink are produced in one step

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 710</b>
<b>Cutting material</b>	VHM
<b>Surface</b>	TiAIN
<b>Hole type</b>	Clearance/blind hole ≤ 1.5xD
<b>Tool holding device</b>	HA parallel shank
<b>Suitable for thread type</b>	G, G-L
<b>Length</b>	73 mm
<b>Cutting edge length</b>	16.7 mm
<b>Shaft diameter</b>	10 mm
<b>Number of cutting edges</b>	7 PCS
<b>f steel 1000</b>	0.08 mm/r

### EAN-Code

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