

Multi-range thread milling cutter with 45° countersink, solid carbide straight shank HA

for universal use up to 1500 N/mm² in female threads

ATORN®



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/mm².

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 ²)			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		

Art. no.	13496 704
Cutting material	VHM
Surface	TiAIN
Hole type	Clearance/blind hole ≤ 1.5xD
Tool holding device	HA parallel shank
Suitable for thread type	M, M-L
Pitch	1.5 mm
Length	73 mm
Cutting edge length	17.3 mm
Countersunk length	18.2 mm
Countersink diameter	9.8 mm
Shaft diameter	10 mm
Number of cutting edges	7 PCS
f steel 1000	0.07 mm/r

EAN-Code

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