#### HAME

#### HAIMER MILL end mill SAFE-LOCK, AITIN, Ø f9 DC: 5mm



## **Order data**

Order number	220288 5
GTIN	4034221104274
Item class	26X

## Description

#### Version:

With SAFE-LOCK pull-out protection to provide an additional form fit for the tool. In conjunction with SAFE-LOCK tool holders, it secures the tool to prevent it being pulled out.

For **general-purpose use** in steel materials and high-alloy steels, especially stainless steel. With **cylindrical core** for optimised tool stiffness when milling slots. Reliable processes guaranteed when ramping and during circular interpolation milling thanks to **special end face geometry. Note:** 

Tool holders with the SAFE-LOCK pull-out protection can be found under clamping technology.

## **Technical description**

Feed $f_z$ for side milling in steel < 900 N/mm <sup>2</sup>	0.033 mm	
Overhang length L <sub>1</sub> incl. recess	18 mm	
Corner chamfer width at 45°	0.1 mm	
Overall length L	58 mm	
Helix angle	32 degrees	
Feed $f_z$ for slot milling in steel < 900 N/mm <sup>2</sup>	0.028 mm	
Tolerance nominal Ø	f8	
Recess Ø D <sub>1</sub>	4.8 mm	
Flute length L <sub>c</sub>	13 mm	
Corner chamfer angle	45 degrees	

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Direction of infeed	horizontal, oblique and vertical		
Shank	Safe-Lock h6		
Shank Ø D <sub>s</sub>	6 mm		
Cutting edge $Ø D_c$	5 mm		
No. of teeth Z	4		
Coating	AlTiN		
Tool material	Solid carbide		
Standard	DIN 6527		
Туре	Ν		
Helix angle characteristic	unequal spacing		
Spacing of the cutters	unequal spacing		
Cutting width $a_e$ for milling operation	Full slot cutting depth 1×D		
Cutting width $a_e$ for milling operation	0.5×D for side milling		
Through-coolant	no		
Machining strategy	HPC		
Colour ring	without		
Type of product	End / face mill		

# User data

Suitability	V <sub>c</sub>	ISO code
suitable only under restricted conditions	480 m/min	Ν
suitable only under restricted conditions	480 m/min	Ν
suitable only under restricted conditions	350 m/min	Ν
suitable	275 m/min	Р
suitable	255 m/min	Р
suitable	210 m/min	Р
suitable	190 m/min	Р
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INOX < 900 N/mm <sup>2</sup>	suitable	95 m/min	М
INOX > 900 N/mm <sup>2</sup>	suitable	75 m/min	М
Ti > 850 N/mm²	suitable only under restricted conditions	35 m/min	S
GG(G)	suitable only under restricted conditions	155 m/min	К
Uni	suitable		
Oil	suitable		
wet maximum	suitable		
wet minimum	suitable		
dry	suitable		
Air	suitable		