


HAIMER MILL end mill, AlTiN, Ø f9 DC: 2mm

Order data

Order number	220291 2
GTIN	2050002068209
Item class	26X

Description
Version:

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:

For **HB** use order **No. 220291**.

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

Technical description

Overhang length L_1 incl. recess	9 mm
Helix angle	32 degrees
Recess $\varnothing D_1$	1.9 mm
Direction of infeed	horizontal, oblique and vertical
Overall length L	58 mm
Tolerance nominal \varnothing	f8
Shank $\varnothing D_s$	6 mm
Shank	DIN 6535 HB to h6
Feed f_z for side milling in steel $< 900 \text{ N/mm}^2$	0.013 mm
Feed f_z for slot milling in steel $< 900 \text{ N/mm}^2$	0.011 mm
No. of teeth Z	4

Corner chamfer angle	90 degrees
Flute length L_c	7 mm
Cutting edge $\varnothing D_c$	2 mm
Coating	AlTiN
Tool material	Solid carbide
Standard	DIN 6527
Type	N
Helix angle characteristic	unequal spacing
Spacing of the cutters	unequal spacing
Cutting width a_e for milling operation	$0.05 \times D$ for side milling
Cutting width a_e for milling operation	$0.5 \times D$ for side milling
Through-coolant	no
Machining strategy	HPC
Colour ring	without
Type of product	End / face mill

User data

	Suitability	V_c	ISO code
Alu plastics	suitable only under restricted conditions		
Aluminium (short chipping)	suitable only under restricted conditions		
Alu > 10% Si	suitable only under restricted conditions		
Steel < 500 N/mm ²	suitable		
Steel < 750 N/mm ²	suitable		
Steel < 900 N/mm ²	suitable		
Steel < 1100 N/mm ²	suitable		
INOX < 900 N/mm ²	suitable		
INOX > 900 N/mm ²	suitable		

Ti > 850 N/mm ²	suitable only under restricted conditions
GG(G)	suitable only under restricted conditions
Uni	suitable
Oil	suitable
wet maximum	suitable
wet minimum	suitable
dry	suitable
Air	suitable