HAIMER MILL end mill, AlTiN, ⌀ f9 DC: 16mm

Order data

Order number	220293 16
GTIN	2050002068346
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. 220293**.
Tool holders with the SAFE-LOCK pull-out protection can be found under clamping technology.

Technical description

Overhang length L_1 incl. recess	64 mm
Helix angle	38 degrees
Shank ⌀ D_s	16 mm
Recess ⌀ D_1	15.2 mm
Feed f_z for slot milling in steel < 900 N/mm^2	0.088 mm
Corner chamfer angle	45 degrees
Corner chamfer width at 45°	0.32 mm
Flute length L_c	48 mm
Shank	DIN 6535 HB to h6
Overall length L	115 mm
Tolerance nominal ⌀	f8

Feed f_z for side milling in steel < 900 N/mm²	0.104 mm
Cutting edge Ø D_C	16 mm
No. of teeth Z	4
Direction of infeed	horizontal, oblique and vertical
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×D for side milling
Cutting width a_e for milling operation	0.05×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/mm²	suitable		
Steel < 750 N/mm²	suitable		
Steel < 900 N/mm²	suitable		
Steel < 1100 N/mm²	suitable		
INOX < 900 N/mm²	suitable		

INOX > 900 N/mm²	suitable
Ti > 850 N/mm²	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