

Garant
Solid carbide milling cutter, TiAlN, Ø e8 DC: 5mm

Order data

Order number	202725 5
GTIN	4045197746436
Item class	11X

Description
Version:

Double relief ground side clearance angle.

Without 45° cutting edge chamfer.

Technical description

Shank	DIN 6535 HA to h6
Feed f_z for side milling in steel < 900 N/mm ²	0.023 mm
Overhang length L_1 incl. recess	20 mm
Overall length L	50 mm
Recess Ø D_1	4.8 mm
Flute length L_c	15 mm
No. of teeth Z	4
Direction of infeed	horizontal, oblique and vertical
Shank Ø D_s	5 mm
Feed f_z for slot milling in steel < 900 N/mm ²	0.02 mm
Cutting edge Ø D_c	5 mm
Shank form	HA
Helix angle	30 degrees
Corner chamfer angle	90 degrees

Coating	TiAlN
Tool material	Solid carbide
Standard	Manufacturer's standard
Type	H
Cutting width a_e for milling operation	0.3×D for side milling
Cutting width a_e for milling operation	Full slot cutting depth 1×D
Through-coolant	no
Colour ring	without
Type of product	End / face mill

User data

	Suitability	V_c	ISO code
Aluminium (short chipping)	suitable only under restricted conditions	280 m/min	N
Steel < 900 N/mm ²	suitable	100 m/min	P
Steel < 1100 N/mm ²	suitable	70 m/min	P
Steel < 1400 N/mm ²	suitable	60 m/min	P
Steel < 55 HRC	suitable	35 m/min	H
INOX < 900 N/mm ²	suitable	80 m/min	M
INOX > 900 N/mm ²	suitable only under restricted conditions	60 m/min	M
GG(G)	suitable	90 m/min	K
Uni	suitable		
wet maximum	Suitable		
wet minimum	Suitable only under restricted conditions		
dry	suitable		
Air	Suitable		

