

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


## Order data

Order number	202556 5
GTIN	4067263120612
Item class	11X

## Description

### Version:

Double relief ground side clearance angle.

### Note:

**Successor product to No. 202555.**

## Technical description

Flute length $L_c$	9 mm
Corner chamfer width at 45°	0.06 mm
Feed $f_z$ for slot milling in steel < 900 N/mm <sup>2</sup>	0.02 mm
Shank form	HA
Helix angle	30 degrees
Direction of infeed	horizontal, oblique and vertical
No. of teeth Z	4
Cutting edge $\varnothing D_c$	5 mm
Shank $\varnothing D_s$	5 mm
Overall length L	45 mm
Tolerance nominal $\varnothing$	e8
Shank	DIN 6535 HA to h6
Feed $f_z$ for side milling in steel < 900 N/mm <sup>2</sup>	0.023 mm

Corner chamfer angle	45 degrees
Coating	TiAlN
Tool material	Solid carbide
Standard	Manufacturer's standard
Type	N
Cutting width $a_e$ for milling operation	0.3×D for side milling
Cutting width $a_e$ for milling operation	0.3×D for side milling
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
Alu > 10% Si	suitable only under restricted conditions	200 m/min	N
Steel < 500 N/mm <sup>2</sup>	suitable	120 m/min	P
Steel < 750 N/mm <sup>2</sup>	suitable	105 m/min	P
Steel < 900 N/mm <sup>2</sup>	suitable	100 m/min	P
Steel < 1100 N/mm <sup>2</sup>	suitable	70 m/min	P
Steel < 1400 N/mm <sup>2</sup>	suitable	60 m/min	P
Steel < 55 HRC	suitable	35 m/min	H
INOX < 900 N/mm <sup>2</sup>	suitable	80 m/min	M
INOX > 900 N/mm <sup>2</sup>	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