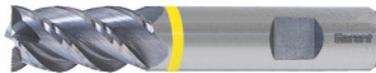


**Garant**
**Solid carbide milling cutter DIN 6535 HB, uncoated, Ø e8 DC: 5mm**


## Order data

Order number	202510 5
GTIN	4045197117212
Item class	11X

## Description

### Version:

**Extra sharp cutting edges.**

Dimensions similar to DIN 6527.

Double relief ground side clearance angle.

## Technical description

No. of teeth Z	4
Feed $f_z$ for side milling in short-chipping aluminium	0.02 mm
Cutting edge Ø $D_c$	5 mm
Overhang length $L_1$ incl. recess	20 mm
Feed $f_z$ for slot milling in short-chipping aluminium	0.015 mm
Recess Ø $D_1$	4.8 mm
Shank Ø $D_s$	6 mm
Overall length L	57 mm
Flute length $L_c$	15 mm
Direction of infeed	horizontal, oblique and vertical
Shank	DIN 6535 HB to h6
Tolerance nominal Ø	e8
Helix angle	45 degrees

Corner chamfer angle	90 degrees
Coating	uncoated
Tool material	Solid carbide
Standard	DIN 6527
Type	W
Cutting width $a_e$ for milling operation	0.5×D for side milling
Cutting width $a_e$ for milling operation	Full slot cutting depth 1×D
Through-coolant	no
Colour ring	yellow
Type of product	End / face mill

## User data

	Suitability	$V_c$	ISO code
Aluminium	Suitable	180 m/min	N
Aluminium (short chipping)	suitable	140 m/min	N
Alu > 10% Si	suitable	105 m/min	N
PMMA acrylic	Suitable	180 m/min	N
PE-HD	Suitable	130 m/min	N
PA 66	Suitable	150 m/min	N
PEEK	Suitable	130 m/min	N
PF 31	Suitable	110 m/min	N
Honeycomb sandwich	suitable only under restricted conditions	180 m/min	N
Cu	Suitable	140 m/min	N
CuZn	Suitable	180 m/min	N
wet maximum	suitable		
wet minimum	suitable only under restricted conditions		

dry	suitable only under restricted conditions
Air	suitable only under restricted conditions