

**Garant**
**Solid carbide milling cutter, AlCrN, Ø e8 DC: 1,8 mm**

**Order data**

Order number	202305 1,8
GTIN	4045197931382
Item class	11X

**Description**
**Version:**

Dimensions similar to **DIN 6527**.

Improved coating for general-purpose applications in steel and cast iron.

**Note:**

**Successor product to No. 202210.**

Through-coolant: no

Tolerance nominal Ø: e8

No. of teeth Z: 3

Helix angle: 45 degrees

Direction of infeed: horizontal, oblique and vertical

Shank: DIN 6535 HA to h6

No. of teeth Z: 3

Flute length  $L_c$ : 3 mm

Overall length L: 38 mm

Shank Ø  $D_s$ : 3 mm

Shank form: HA

Corner chamfer width at 45°: 0.1 mm

**Technical description**

Overall length L	38 mm
Feed $f_z$ for side milling in steel < 750 N/mm <sup>2</sup>	0.006 mm
Flute length $L_c$	3 mm
Cutting edge Ø $D_c$	1.8 mm
Tolerance nominal Ø	e8

Helix angle	45 degrees
Shank form	HA
Feed $f_z$ for slot milling in steel $< 750 \text{ N/mm}^2$	0.005 mm
Shank	DIN 6535 HA to h6
Shank $\varnothing D_s$	3 mm
No. of teeth Z	3
Direction of infeed	horizontal, oblique and vertical
Corner chamfer width at $45^\circ$	0.1 mm
Corner chamfer angle	45 degrees
Coating	AlCrN
Tool material	Solid carbide
Standard	DIN 6527
Type	N
Cutting width $a_e$ for milling operation	$0.5 \times D$ for side milling
Cutting width $a_e$ for milling operation	Full slot cutting depth $1 \times D$
Through-coolant	no
Colour ring	without
Type of product	End mill