

**Garant**
**Solid carbide milling cutter, AlCrN, Ø e8 DC: 16 mm**

**Order data**

Order number	202305 16
GTIN	4045197931535
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 HB to h6

No. of teeth Z: 3

Flute length  $L_c$ : 22 mm

Overhang length  $L_1$  incl. recess: 32 mm

Recess Ø  $D_1$ : 15.7 mm

Overall length L: 82 mm

Shank Ø  $D_s$ : 16 mm

**Technical description**

Overall length L	82 mm
Cutting edge Ø $D_c$	16 mm
Direction of infeed	horizontal, oblique and vertical
Overhang length $L_1$ incl. recess	32 mm
Helix angle	45 degrees

Feed $f_z$ for side milling in steel < 750 N/mm <sup>2</sup>	0.13 mm
No. of teeth Z	3
Shank form	HB
Feed $f_z$ for slot milling in steel < 750 N/mm <sup>2</sup>	0.08 mm
Shank $\varnothing D_s$	16 mm
Recess $\varnothing D_1$	15.7 mm
Shank	DIN 6535 HB to h6
Flute length $L_c$	22 mm
Tolerance nominal $\varnothing$	e8
Corner chamfer width at 45°	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×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 mill