

**Garant**
**Solid carbide milling cutter, AlCrN, Ø e8 DC: 18 mm**

**Order data**

Order number	202268 18
GTIN	4045197930866
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. 202080.**

Through-coolant: no

Tolerance nominal Ø: e8

No. of teeth Z: 3

Helix angle: 30 degrees

Direction of infeed: horizontal, oblique and vertical

Shank: DIN 6535 HB to h6

No. of teeth Z: 3

Flute length  $L_c$ : 32 mm

Overhang length  $L_1$  incl. recess: 44 mm

Recess Ø  $D_1$ : 17.7 mm

Overall length L: 92 mm

Shank Ø  $D_s$ : 18 mm

**Technical description**

Feed $f_z$ for side milling in steel < 750 N/mm <sup>2</sup>	0.15 mm
Flute length $L_c$	32 mm
Shank Ø $D_s$	18 mm
Direction of infeed	horizontal, oblique and vertical
Shank	DIN 6535 HB to h6

Cutting edge $\varnothing D_c$	18 mm
Corner chamfer width at 45°	0.1 mm
Overhang length $L_1$ incl. recess	44 mm
Tolerance nominal $\varnothing$	e8
Overall length L	92 mm
Recess $\varnothing D_1$	17.7 mm
Helix angle	30 degrees
No. of teeth Z	3
Feed $f_z$ for slot milling in steel < 750 N/mm <sup>2</sup>	0.09 mm
Corner chamfer angle	45 degrees
Coating	AlCrN
Tool material	Solid carbide
Standard	DIN 6527
Type	N
Cutting width $a_e$ for milling operation	0.3×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 mill