

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

**Order data**

Order number	201303 18
GTIN	4062406155599
Item class	11X

**Description**
**Version:**

Dimensions similar to **DIN 6527**.

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

Through-coolant: no

Tolerance nominal Ø: e8

No. of teeth Z: 2

Helix angle: 30 degrees

Direction of infeed: horizontal, oblique and vertical

Shank: DIN 6535 HE to h6

No. of teeth Z: 2

Flute length  $L_c$ : 24 mm

Overall length L: 84 mm

Shank Ø  $D_s$ : 18 mm

Shank form: HB

Corner chamfer width at 45°: 0.1 mm

**Technical description**

No. of teeth Z	2
Direction of infeed	horizontal, oblique and vertical
Cutting edge Ø $D_c$	18 mm
Shank Ø $D_s$	18 mm
Flute length $L_c$	24 mm
Feed $f_z$ for slot milling in steel < 750 N/mm <sup>2</sup>	0.09 mm

Tolerance nominal $\varnothing$	e8
Shank	DIN 6535 HE to h6
Shank form	HB
Helix angle	30 degrees
Feed $f_z$ for side milling in steel < 750 N/mm <sup>2</sup>	0.15 mm
Overall length L	84 mm
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	0.3×D for side milling
Cutting width $a_e$ for milling operation	Full slot cutting depth 1×D
Through-coolant	no
Type of product	End mill