

**Garant**
**Solid carbide milling cutter, AlCrN, Ø e8 DC: 6 mm**

**Order data**

Order number	202294 6
GTIN	4045197866226
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: 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  $L_c$ : 13 mm

Overhang length  $L_1$  incl. recess: 21 mm

Recess Ø  $D_1$ : 5.8 mm

Overall length L: 57 mm

Shank Ø  $D_s$ : 6 mm

**Technical description**

Shank Ø $D_s$	6 mm
Overhang length $L_1$ incl. recess	21 mm
Shank form	HB
Tolerance nominal Ø	e8
No. of teeth Z	3
Overall length L	57 mm

Cutting edge $\varnothing D_c$	6 mm
Flute length $L_c$	13 mm
Feed $f_z$ for side milling in steel $< 750 \text{ N/mm}^2$	0.05 mm
Feed $f_z$ for slot milling in steel $< 750 \text{ N/mm}^2$	0.04 mm
Corner chamfer width at $45^\circ$	0.2 mm
Recess $\varnothing D_1$	5.8 mm
Shank	DIN 6535 HB to h6
Direction of infeed	horizontal, oblique and vertical
Helix angle	45 degrees
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