

**Garant**
**Solid carbide milling cutter, AlCrN, Ø e8 DC: 20 mm**

**Order data**

Order number	202294 20
GTIN	4045197866356
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  $L_c$ : 38 mm

Overhang length  $L_1$  incl. recess: 54 mm

Recess Ø  $D_1$ : 19.7 mm

Overall length L: 104 mm

Shank Ø  $D_s$ : 20 mm

**Technical description**

Overall length L	104 mm
Flute length $L_c$	38 mm
Shank	DIN 6535 HB to h6
Corner chamfer width at 45°	0.5 mm
Shank Ø $D_s$	20 mm
Cutting edge Ø $D_c$	20 mm

Feed $f_z$ for side milling in steel $< 750 \text{ N/mm}^2$	0.15 mm
No. of teeth Z	3
Shank form	HB
Recess $\varnothing D_1$	19.7 mm
Tolerance nominal $\varnothing$	e8
Feed $f_z$ for slot milling in steel $< 750 \text{ N/mm}^2$	0.1 mm
Direction of infeed	horizontal, oblique and vertical
Overhang length $L_1$ incl. recess	54 mm
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

## Services

Shank clamping flats for shrink-fit chucks, with retainer function Shank $\varnothing$ tool 20 mm	SZ2025 20
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