

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

**Order data**

Order number	203026 20
GTIN	4045197858009
Item class	11X

**Description**
**Note:**
**Successor product to No. 203025.**

Tolerance nominal Ø: e8

No. of teeth Z: 4

Helix angle: 38 degrees

Direction of infeed: horizontal, oblique and vertical

Shank: DIN 6535 HB to h6

No. of teeth Z: 4

Flute length  $L_c$ : 40 mm

Overhang length  $L_1$  incl. recess: 98 mm

Recess Ø  $D_1$ : 19 mm

Overall length L: 175 mm

Shank Ø  $D_s$ : 20 mm

**Technical description**

Recess Ø $D_1$	19 mm
Shank Ø $D_s$	20 mm
Tolerance nominal Ø	e8
Cutting edge Ø $D_c$	20 mm
Direction of infeed	horizontal, oblique and vertical
No. of teeth Z	4
Shank	DIN 6535 HB to h6
Corner chamfer width at 45°	0.5 mm

Overall length L	175 mm
Flute length L <sub>c</sub>	40 mm
Feed f <sub>z</sub> for side milling in INOX > 900 N/mm <sup>2</sup>	0.1 mm
Overhang length L <sub>1</sub> incl. recess	98 mm
Helix angle	38 degrees
Corner chamfer angle	45 degrees
Coating	TiAlN
Tool material	Solid carbide
Standard	Manufacturer's standard
Type	N
Helix angle characteristic	unequal spacing
Spacing of the cutters	unequal spacing
Cutting width a <sub>e</sub> for milling operation	0.1×D for side milling
Through-coolant	no
Machining strategy	HPC
Colour ring	blue
Type of product	End mill

## Services

Shank clamping flats for shrink-fit chucks, with retainer function Shank Ø tool 20 mm

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