

Garant

Solid carbide milling cutter DIN 6535 HB, TiAlN, Ø e8 DC: 20 mm



Order data

Order number	203480 20
GTIN	4045197119636
Item class	11X

Description

Version:

High stability and **extremely smooth cutting action**

due to at least 6 teeth.

Double relief ground clearance angle.

Application:

For peripheral milling as a **finishing operation.**

Through-coolant: no

Tolerance nominal Ø: e8

No. of teeth Z: 8

Helix angle: 45 degrees

Direction of infeed: horizontal

Shank: DIN 6535 HB to h6

No. of teeth Z: 8

Flute length L_c : 38 mm

Overhang length L_1 incl. recess: 48 mm

Recess Ø D_1 : 19.8 mm

Overall length L: 104 mm

Shank Ø D_s : 20 mm

Technical description

Cutting edge Ø D_c	20 mm
Corner chamfer width at 45°	0.05 mm
Overhang length L_1 incl. recess	48 mm
No. of teeth Z	8

Recess $\varnothing D_1$	19.8 mm
Feed f_z for side milling in steel $< 900 \text{ N/mm}^2$	0.107 mm
Shank $\varnothing D_s$	20 mm
Overall length L	104 mm
Flute length L_c	38 mm
Direction of infeed	horizontal
Shank	DIN 6535 HB to h6
Tolerance nominal \varnothing	e8
Helix angle	45 degrees
Corner chamfer angle	45 degrees
Coating	TiAlN
Tool material	Solid carbide
Standard	DIN 6527
Type	N
Cutting width a_e for milling operation	$0.1 \times D$ for side milling
Through-coolant	no
Colour ring	green
Type of product	End mill

Services

Shank recess Type FRST	209900 FRST
Shank clamping flats for shrink-fit chucks, with retainer function Shank \varnothing tool 20 mm	SZ2025 20