

## Garant

### Solid carbide milling cutter DIN 6535 HA, TiAlN, Ø e8 DC: 16 mm



#### Order data

Order number	203440 16
GTIN	4045197119506
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: 6

Helix angle: 45 degrees

Direction of infeed: horizontal

Shank: DIN 6535 HA to h6

No. of teeth Z: 6

Flute length  $L_c$ : 32 mm

Overhang length  $L_1$  incl. recess: 42 mm

Recess Ø  $D_1$ : 15.8 mm

Overall length L: 92 mm

Shank Ø  $D_s$ : 16 mm

#### Technical description

Recess Ø $D_1$	15.8 mm
Cutting edge Ø $D_c$	16 mm
Corner chamfer width at 45°	0.05 mm
Overhang length $L_1$ incl. recess	42 mm

No. of teeth Z	6
Feed $f_z$ for side milling in steel < 900 N/mm <sup>2</sup>	0.089 mm
Shank $\varnothing D_s$	16 mm
Overall length L	92 mm
Flute length $L_c$	32 mm
Direction of infeed	horizontal
Shank	DIN 6535 HA 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×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 16 mm	SZ2025 16
Shank grinding Type HB	129100 HB