

Garant

Solid carbide milling cutter DIN 6535 HA, TiAlN, Ø e8 DC: 12 mm



Order data

Order number	203440 12
GTIN	4045197119483
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 : 26 mm

Overhang length L_1 incl. recess: 36 mm

Recess Ø D_1 : 11.8 mm

Overall length L: 83 mm

Shank Ø D_s : 12 mm

Technical description

Feed f_z for side milling in steel < 900 N/mm ²	0.08 mm
Corner chamfer width at 45°	0.05 mm
No. of teeth Z	6
Cutting edge Ø D_c	12 mm

Recess $\varnothing D_1$	11.8 mm
Overhang length L_1 incl. recess	36 mm
Shank $\varnothing D_s$	12 mm
Overall length L	83 mm
Flute length L_c	26 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	$0.1 \times D$ 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 12 mm	SZ2025 12
Shank grinding Type HB	129100 HB