


Solid carbide milling cutter, TiAlN, Ø DC: 12 mm

Order data

Order number	203246 12
GTIN	4062406252465
Item class	12X

Description
Version:

Strengthened core and geometry for hard machining, without dynamic helical pitch. Tolerance: Size nominal Ø D_c **0/-0.02 mm.**

Application:

For profile milling as finishing.

(Plunge cutting only to shallow depths).

Through-coolant: no

Tolerance nominal Ø: 0 / -0.02

No. of teeth Z: 6

Helix angle: 45 degrees

Direction of infeed: horizontal and oblique

Shank: DIN 6535 HA to h6

No. of teeth Z: 6

Flute length L_c: 26 mm

Overall length L: 83 mm

Shank Ø D_s: 12 mm

Feed f_z for side milling in steel < 55 HRC: 0.045 mm

Technical description

Cutting edge Ø D _c	12 mm
Overall length L	83 mm
Helix angle	45 degrees
Tolerance nominal Ø	0 / -0.02
Direction of infeed	horizontal and oblique

Shank	DIN 6535 HA to h6
Flute length L_c	26 mm
Feed f_z for side milling in steel < 55 HRC	0.045 mm
Free length	26 mm
maximum cutting depth $a_{p,max}$ when side milling	26 mm
Correction factor f_z	1
Shank $\varnothing D_s$	12 mm
No. of teeth Z	6
Corner chamfer angle	90 degrees
Coating	TiAlN
Tool material	Solid carbide
Standard	DIN 6527
Type	H
Cutting width a_e for milling operation	$0.05 \times D$ for side milling
Through-coolant	no
Shank tolerance	h6
Colour ring	red
Type of product	End mill

Services

Shank clamping flats for shrink-fit chucks, with retainer function Shank \varnothing tool 12 mm	SZ2025 12
Shank recess Type FRST	209900 FRST
Shank grinding Type HB	129100 HB