


**Solid carbide end mill, TiAlN, Ø h10 DC: 12 mm**

**Order data**

Order number	203240 12
GTIN	4045197119018
Item class	12X

**Description**
**Version:**

Strengthened core and geometry for hard machining, without dynamic helical pitch.

**Application:**

**For profile milling as finishing.**

(Plunge cutting only to shallow depths).

Through-coolant: no

Tolerance nominal Ø: h10

No. of teeth Z: 6

Helix angle: 50 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
Feed $f_z$ for side milling in steel < 55 HRC	0.045 mm
No. of teeth Z	6
Shank Ø $D_s$	12 mm
Overall length L	83 mm
Flute length $L_c$	26 mm

Direction of infeed	horizontal and oblique
Shank	DIN 6535 HA to h6
Tolerance nominal $\varnothing$	h10
Helix angle	50 degrees
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×D for side milling
Through-coolant	no
Colour ring	red
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