


**Solid carbide milling cutter, TiAlN, Ø h10 DC: 12 mm**

**Order data**

Order number	203612 12
GTIN	4045197964120
Item class	12X

**Description**
**Version:**

**High stability** and **extremely smooth cutting action** due to at least 6 teeth.  
Eccentric relief ground.

**Application:**

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

Through-coolant: no

Tolerance nominal Ø: h10

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  $L_c$ : 48 mm

Overall length L: 110 mm

Shank Ø  $D_s$ : 12 mm

Corner chamfer width at 45°: 0.1 mm

Feed  $f_z$  for side milling in steel < 900 N/mm<sup>2</sup>: 0.08 mm

**Technical description**

Corner chamfer width at 45°	0.1 mm
Helix angle	45 degrees
Overall length L	110 mm
Direction of infeed	horizontal
Tolerance nominal Ø	h10

Shank	DIN 6535 HA to h6
Feed $f_z$ for side milling in steel $< 900 \text{ N/mm}^2$	0.08 mm
Cutting edge $\varnothing D_c$	12 mm
Shank $\varnothing D_s$	12 mm
Flute length $L_c$	48 mm
No. of teeth Z	6
Corner chamfer angle	45 degrees
Coating	TiAlN
Tool material	Solid carbide
Standard	Manufacturer's standard
Type	N
Cutting width $a_e$ for milling operation	$0.05 \times D$ for side milling
Through-coolant	no
Colour ring	without
Type of product	End mill

## Services

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