


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

**Order data**

Order number	203619 12
GTIN	4045197958907
Item class	12X

**Description**
**Version:**

For **finishing operations**. Special geometry for optimum chip evacuation. For **profile milling as a finishing operation**. Very sturdy version with strengthened core.

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  $L_c$ : 36 mm

Overall length L: 93 mm

Shank Ø  $D_s$ : 12 mm

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

**Technical description**

Cutting edge Ø $D_c$	12 mm
Shank Ø $D_s$	12 mm
No. of teeth Z	6
Helix angle	45 degrees
Flute length $L_c$	36 mm
Overall length L	93 mm
Feed $f_z$ for side milling in steel < 900 N/mm <sup>2</sup>	0.08 mm

Tolerance nominal $\varnothing$	h10
Shank	DIN 6535 HA to h6
Direction of infeed	horizontal
Corner chamfer angle	90 degrees
Coating	TiAlN
Tool material	Solid carbide
Standard	Manufacturer's standard
Type	N
Cutting width $a_e$ for milling operation	0.05×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