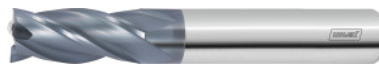



**Solid carbide milling cutter, TiAlN, Ø h10 DC: 3mm**

**Order data**

Order number	202760 3
GTIN	4045197118004
Item class	12X

**Description**
**Version:**

Eccentric relief ground.

**Without** 45° cutting edge chamfer.

Through-coolant: no

Tolerance nominal Ø: h10

No. of teeth Z: 4

Helix angle: 30°

Direction of infeed: horizontal, oblique and vertical

Shank: DIN 6535 HA to h6

No. of teeth Z: 4

Flute length  $L_c$ : 12 mm

Overall length L: 38 mm

Shank Ø  $D_s$ : 3 mm

Shank form: HA

Feed  $f_z$  for slot milling in steel < 900 N/mm<sup>2</sup>: 0.01 mm

**Technical description**

Feed $f_z$ for slot milling in steel < 900 N/mm <sup>2</sup>	0.01 mm
Shank form	HA
Cutting edge Ø $D_c$	3 mm
Feed $f_z$ for side milling in steel < 900 N/mm <sup>2</sup>	0.011 mm
No. of teeth Z	4
Shank Ø $D_s$	3 mm

Overall length L	38 mm
Flute length L <sub>c</sub>	12 mm
Direction of infeed	horizontal, oblique and vertical
Shank	DIN 6535 HA to h6
Tolerance nominal Ø	h10
Helix angle	30 °
Corner chamfer angle	90 °
Coating	TiAlN
Tool material	Solid carbide
Standard	Manufacturer's standard
Type	H
Cutting width a <sub>e</sub> for milling operation	0.3×D for side milling
Cutting width a <sub>e</sub> for milling operation	Full slot cutting depth 1×D
Through-coolant	no
Colour ring	without
Type of product	End / face mill

## User data

	Suitability	V <sub>c</sub>	ISO code
Aluminium (short chipping)	suitable only under restricted conditions	280 m/min	N
Steel < 900 N/mm <sup>2</sup>	suitable	100 m/min	P
Steel < 1100 N/mm <sup>2</sup>	suitable	70 m/min	P
Steel < 1400 N/mm <sup>2</sup>	suitable	60 m/min	P
Steel < 55 HRC	suitable only under restricted conditions	35 m/min	H
INOX < 900 N/mm <sup>2</sup>	suitable	80 m/min	M
INOX > 900 N/mm <sup>2</sup>	suitable only under restricted conditions	60 m/min	M
GG(G)	suitable	90 m/min	K

Uni	suitable only under restricted conditions
wet maximum	Suitable
wet minimum	Suitable only under restricted conditions
dry	Suitable only under restricted conditions
Air	Suitable only under restricted conditions