



## Roughing end mill, TiAlN, Ø DC: 6mm



### Order data

Order number	192850 6
GTIN	4045197108203
Item class	12W

### Description

#### Version:

#### Relief ground fine pitch knuckle form profile.

Centre cutting teeth for plunging.

Economy version.

Through-coolant: no

Tolerance nominal Ø: js12

No. of teeth Z: 3

Helix angle: 30°

Direction of infeed: horizontal, oblique and vertical

Shank: DIN 1835 B to h6

No. of teeth Z: 3

Flute length  $L_c$ : 13 mm

Overall length L: 57 mm

Shank Ø  $D_s$ : 6 mm

Corner chamfer width at 45°: 0.3 mm

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
No. of teeth Z	3
Corner chamfer width at 45°	0.3 mm
Cutting edge Ø $D_c$	6 mm
Shank Ø $D_s$	6 mm

Overall length L	57 mm
Flute length L <sub>c</sub>	13 mm
Direction of infeed	horizontal, oblique and vertical
Shank	DIN 1835 B to h6
Tolerance nominal Ø	js12
Helix angle	30 °
Corner chamfer angle	45 °
Coating	TiAlN
Tool material	HSS Co 8
Standard	DIN 844
Milling profile	HR
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	120 m/min	N
Steel < 500 N/mm <sup>2</sup>	suitable	78 m/min	P
Steel < 750 N/mm <sup>2</sup>	suitable	55 m/min	P
Steel < 900 N/mm <sup>2</sup>	suitable	55 m/min	P
INOX < 900 N/mm <sup>2</sup>	suitable	17 m/min	M
CuZn	suitable only under restricted conditions	92 m/min	N
wet maximum	suitable		
dry	suitable only under restricted conditions		

