

**Roughing end mill, TiAlN, Ø DC: 14mm****Order data**

Order number	192850 14
GTIN	4045197108241
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: 4

Helix angle: 30 °

Direction of infeed: horizontal, oblique and vertical

Shank: DIN 1835 B to h6

No. of teeth Z: 4

Flute length L_c: 26 mm

Overall length L: 83 mm

Shank Ø D_s: 12 mm

Corner chamfer width at 45°: 0.4 mm

Feed f_z for slot milling in steel < 900 N/mm²: 0.026 mm

Technical description

Corner chamfer width at 45°	0.4 mm
No. of teeth Z	4
Feed f _z for slot milling in steel < 900 N/mm ²	0.026 mm
Cutting edge Ø D _c	14 mm
Shank Ø D _s	12 mm

Overall length L	83 mm
Flute length L _c	26 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 _c	ISO code
Aluminium (short chipping)	suitable only under restricted conditions	120 m/min	N
Steel < 500 N/mm ²	suitable	78 m/min	P
Steel < 750 N/mm ²	suitable	55 m/min	P
Steel < 900 N/mm ²	suitable	55 m/min	P
INOX < 900 N/mm ²	suitable	17 m/min	M
CuZn	suitable only under restricted conditions	92 m/min	N
wet maximum	suitable		
dry	suitable only under restricted conditions		

