

## Garant

### Roughing end mill HSS-PM, TiAlN, Ø js14 DC: 25 mm



#### Order data

Order number	192541 25
GTIN	4045197547651
Item class	11W

#### Description

##### Version:

##### Relief ground knuckle form profile.

Centre cutting teeth for plunging.

- **Wide, precision ground chip flutes.**
- **Special chip angle for aluminium and non-ferrous metals.**

For the most demanding metal removal rates.

##### Advantage:

Suitable **for high machining volumes** due to the large flutes.

Through-coolant: no

Tolerance nominal Ø: js14

No. of teeth Z: 3

Helix angle: 36 degrees

Direction of infeed: horizontal, oblique and vertical

Shank: DIN 1835 B to h6

No. of teeth Z: 3

Flute length  $L_c$ : 90 mm

Overall length L: 166 mm

Shank Ø  $D_s$ : 25 mm

Corner chamfer width at 45°: 1 mm

Feed  $f_z$  for slot milling in short-chipping aluminium: 0.09 mm

#### Technical description

No. of teeth Z	3
Corner chamfer width at 45°	1 mm
Cutting edge Ø $D_c$	25 mm

Feed $f_z$ for slot milling in short-chipping aluminium	0.09 mm
Shank $\varnothing D_s$	25 mm
Overall length L	166 mm
Flute length $L_c$	90 mm
Direction of infeed	horizontal, oblique and vertical
Shank	DIN 1835 B to h6
Tolerance nominal $\varnothing$	js14
Helix angle	36 degrees
Corner chamfer angle	45 degrees
Coating	TiAlN
Tool material	HSS PM
Standard	DIN 844 B
Milling profile	WR
Through-coolant	no
Colour ring	yellow
Type of product	End mill