

Garant
Roughing end mill, TiAlN, Ø DC: 13 mm

Order data

Order number	192840 13
GTIN	4045197108098
Item class	11W

Description
Version:
Relief ground fine pitch knuckle form profile.

Centre cutting teeth for plunging.

Through-coolant: no

Tolerance nominal Ø: ± 0.12

No. of teeth Z: 4

Helix angle: 30 degrees

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°: 0.3 mm

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

Technical description

Corner chamfer width at 45°	0.3 mm
No. of teeth Z	4
Cutting edge Ø D_c	13 mm
Feed f_z for slot milling in steel < 900 N/mm ²	0.026 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	±0.12
Helix angle	30 degrees
Corner chamfer angle	45 degrees
Coating	TiAlN
Tool material	HSS Co 8
Standard	DIN 844
Milling profile	HR
Through-coolant	no
Colour ring	green
Type of product	End mill