

Garant
Roughing end mill HSS-PM, TiAlN, Ø DC: 28 mm

Order data

Order number	192645 28
GTIN	4045197107411
Item class	11W

Description
Version:
With relief ground knuckle form profile.

Up to size 20 with end cutting teeth profile for plunging.

The wide teeth lands permit multiple re-grinding without losing the profile.

HSS-PM – For highest demands on metal removal rates.

Sizes 6M to 25M – **MID mills:** dimensions to **factory standard, which is between DIN 844 stub and DIN 844 long.**

Through-coolant: no

Tolerance nominal Ø: js12

No. of teeth Z: 5

Helix angle: 30 degrees

Direction of infeed: horizontal and oblique

Shank: DIN 1835 B to h6

No. of teeth Z: 5

Flute length L_c : 45 mm

Overall length L: 121 mm

Shank Ø D_s : 25 mm

Corner chamfer width at 45°: 0.7 mm

Feed f_z for slot milling in steel < 750 N/mm²: 0.08 mm

Technical description

Cutting edge Ø D_c	28 mm
No. of teeth Z	5
Corner chamfer width at 45°	0.7 mm

Feed f_z for slot milling in steel < 750 N/mm ²	0.08 mm
Shank $\varnothing D_s$	25 mm
Overall length L	121 mm
Flute length L_c	45 mm
Direction of infeed	horizontal and oblique
Shank	DIN 1835 B to h6
Tolerance nominal \varnothing	js12
Helix angle	30 degrees
Corner chamfer angle	45 degrees
Coating	TiAlN
Tool material	HSS PM
Standard	DIN 844 B
Milling profile	NR
Through-coolant	no
Colour ring	without
Type of product	End mill