

## Garant

### High performance end mill, uncoated, Ø js12 DC: 20 mm



#### Order data

Order number	191870 20
GTIN	4045197105813
Item class	11W

#### Description

##### Version:

Multi-flute mills **with ground chip breaker on flutes.**

End cutting teeth for plunging.

Special surface treatment.

##### Advantage:

**Applicable as finishing cutter with particularly high cutting performance.**

Through-coolant: no

Tolerance nominal Ø: js12

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  $L_c$ : 75 mm

Overall length L: 140 mm

Shank Ø  $D_s$ : 20 mm

Feed  $f_z$  for slot milling in steel < 750 N/mm<sup>2</sup>: 0.06 mm

#### Technical description

Feed $f_z$ for slot milling in steel < 750 N/mm <sup>2</sup>	0.06 mm
No. of teeth Z	4
Cutting edge Ø $D_c$	20 mm
Shank Ø $D_s$	20 mm
Overall length L	140 mm

Flute length $L_c$	75 mm
Direction of infeed	horizontal, oblique and vertical
Shank	DIN 1835 B to h6
Tolerance nominal $\varnothing$	js12
Helix angle	30 degrees
Corner chamfer angle	90 degrees
Coating	uncoated
Tool material	HSS Co 8
Standard	Manufacturer's standard
Milling profile	NF
Through-coolant	no
Colour ring	without
Type of product	End mill