

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

Order data

Order number	191850 20
GTIN	4045197105578
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 : 45 mm

Overall length L: 110 mm

Shank Ø D_s : 20 mm

Feed f_z for slot milling in steel < 750 N/mm²: 0.06 mm

Technical description

No. of teeth Z	4
Cutting edge Ø D_c	20 mm
Feed f_z for slot milling in steel < 750 N/mm ²	0.06 mm
Shank Ø D_s	20 mm
Overall length L	110 mm

Flute length L_c	45 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