

Garant
Roughing end mill, uncoated, Ø js12 DC: 20 mm

Order data

Order number	192480 20
GTIN	4045197106452
Item class	11W

Description
Version:
Relief ground knuckle form profile.

Centre cutting teeth for plunging.

Universal end mills for profile milling or for plunging.

Through-coolant: no

Tolerance nominal Ø: js12

No. of teeth Z: 3

Helix angle: 25 degrees

Direction of infeed: horizontal, oblique and vertical

Shank: DIN 1835 B to h6

No. of teeth Z: 3

 Flute length L_c : 75 mm

Overall length L: 141 mm

 Shank Ø D_s : 20 mm

 Feed f_z for slot milling in steel < 750 N/mm²: 0.031 mm

Technical description

No. of teeth Z	3
Cutting edge Ø D_c	20 mm
Feed f_z for slot milling in steel < 750 N/mm ²	0.031 mm
Shank Ø D_s	20 mm
Overall length L	141 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	25 degrees
Corner chamfer angle	90 degrees
Coating	uncoated
Tool material	HSS Co 8
Standard	DIN 844 B
Milling profile	NR
Through-coolant	no
Colour ring	without
Type of product	End mill