

Garant
Semi-roughing end mill, uncoated, Ø k12 DC: 20 mm

Order data

Order number	191710 20
GTIN	4045197104823
Item class	11W

Description
Version:
Relief ground fine pitch semi-roughing profile.

Through-coolant: no

Tolerance nominal Ø: k12

No. of teeth Z: 4

Helix angle: 27-30 degrees

Direction of infeed: horizontal and oblique

Shank: DIN 1835 B to h6

No. of teeth Z: 4

 Flute length L_c : 38 mm

Overall length L: 104 mm

 Shank Ø D_s : 20 mm

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

Technical description

Feed f_z for slot milling in steel < 750 N/mm ²	0.06 mm
No. of teeth Z	4
Cutting edge Ø D_c	20 mm
Shank Ø D_s	20 mm
Overall length L	104 mm
Flute length L_c	38 mm
Direction of infeed	horizontal and oblique

Shank	DIN 1835 B to h6
Tolerance nominal Ø	k12
Helix angle	27-30 degrees
Corner chamfer angle	90 degrees
Coating	uncoated
Tool material	HSS Co 8
Standard	DIN 844 B
Milling profile	NF
Through-coolant	no
Colour ring	without
Type of product	End mill