

Garant

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



Order data

Order number	191720 20
GTIN	4045197105004
Item class	11W

Description

Version:

Size 10 – 30 centre cutting teeth for plunging.

or a considerable performance improvement with special ground **chip breaker flutes**.

Advantage:

The chip breaker flutes **facilitate chip evacuation** and at the same time ensure a **good component surface finish**.

Through-coolant: no

Tolerance nominal Ø: k12

No. of teeth Z: 4

Helix angle: 27-30 degrees

Direction of infeed: horizontal, oblique and vertical

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

No. of teeth Z	4
Feed f_z for slot milling in steel < 750 N/mm ²	0.06 mm
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, oblique and vertical
Shank	DIN 1835 B to h6
Tolerance nominal Ø	k12
Helix angle	27-30 degrees
Corner chamfer angle	90 degrees
Coating	TiAlN
Tool material	HSS Co 8
Standard	DIN 844 B
Milling profile	NF
Through-coolant	no
Colour ring	without
Type of product	End mill