

Garant

Semi-roughing end mill, TiAlN, Ø k12 DC: 12 mm



Order data

Order number	191720 12
GTIN	4045197104960
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 : 26 mm

Overall length L: 83 mm

Shank Ø D_s : 12 mm

Feed f_z for slot milling in steel < 750 N/mm²: 0.042 mm

Technical description

Feed f_z for slot milling in steel < 750 N/mm ²	0.042 mm
No. of teeth Z	4
Cutting edge Ø D_c	12 mm
Shank Ø D_s	12 mm
Overall length L	83 mm

Flute length L _c	26 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