

## Garant

### GARANT Master Steel PickPocket solid carbide roughing end mill HPC, TiAlN, Ø f8 DC: 16 mm



#### Order data

Order number	202402 16
GTIN	4045197853745
Item class	11X

#### Description

##### Version:

Corner radii matched to DIN specifications for **drive keyways**.

For **roughing and finishing**

With corner radii similar to torus cutters.

Up to 1×D into solid material **at very high feed rates** with smooth cutting action.

##### Advantage:

Optimised flute form, eccentric relief ground, wide chip space.

Tolerance nominal Ø: f8

No. of teeth Z: 3

Helix angle: 38 degrees

Direction of infeed: horizontal, oblique and vertical

Shank: DIN 6535 HB to h6

No. of teeth Z: 3

Flute length  $L_c$ : 16 mm

Overall length L: 82 mm

Shank Ø  $D_s$ : 16 mm

Corner rounding  $r_v$ : 0.32 mm

Feed  $f_z$  for slot milling in steel < 900 N/mm<sup>2</sup>: 0.08 mm

#### Technical description

Direction of infeed	horizontal, oblique and vertical
No. of teeth Z	3
Shank	DIN 6535 HB to h6

Overall length L	82 mm
Cutting edge $\varnothing D_c$	16 mm
Shank $\varnothing D_s$	16 mm
Feed $f_z$ for side milling in steel < 900 N/mm <sup>2</sup>	0.1 mm
Flute length $L_c$	16 mm
Feed $f_z$ for slot milling in steel < 900 N/mm <sup>2</sup>	0.08 mm
Tolerance nominal $\varnothing$	f8
Helix angle	38 degrees
Corner rounding $r_v$	0.32 mm
Series	GARANT Master Steel
Coating	TiAlN
Tool material	Solid carbide
Standard	DIN 6527
Type	N
Helix angle characteristic	unequal spacing
Spacing of the cutters	unequal spacing
Cutting width $a_e$ for milling operation	Full slot cutting depth 1xD
Cutting width $a_e$ for milling operation	0.4xD for side milling
Through-coolant	no
Machining strategy	HPC
Colour ring	green
Type of product	End mill

## Services

Shank clamping flats for shrink-fit chucks, with retainer function Shank  $\varnothing$  tool 16 mm

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