

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

Order data

Order number	202406 16
GTIN	4045197781499
Item class	11X

Description
Version:

For **roughing and finishing**

With corner radii similar to torus cutters.

Up to 1xD 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 : 36 mm

Overhang length L_1 incl. recess: 58 mm

Recess Ø D_1 : 15.5 mm

Overall length L: 108 mm

Shank Ø D_s : 16 mm

Technical description

Shank Ø D_s	16 mm
Overall length L	108 mm
Cutting edge Ø D_c	16 mm
Feed f_z for side milling in steel < 900 N/mm ²	0.1 mm

Direction of infeed	horizontal, oblique and vertical
Shank	DIN 6535 HB to h6
Feed f_z for slot milling in steel $< 900 \text{ N/mm}^2$	0.08 mm
Tolerance nominal $\varnothing$	f8
No. of teeth Z	3
Recess $\varnothing D_1$	15.5 mm
Flute length L_c	36 mm
Overhang length L_1 incl. recess	58 mm
Helix angle	38 degrees
Corner rounding r_v	0.8 mm
Series	GARANT Master Steel
Coating	TiAlN
Tool material	Solid carbide
Standard	Manufacturer's standard
Type	N
Helix angle characteristic	unequal spacing
Spacing of the cutters	unequal spacing
Cutting width a_e for milling operation	$0.4 \times D$ for side milling
Cutting width a_e for milling operation	Full slot cutting depth $1 \times D$
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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