

Garant
GARANT Master Steel PickPocket solid carbide roughing end mill HPC, TiAlN, Ø f8 DC: 12 mm

Order data

Order number	202406 12
GTIN	4045197781451
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 : 26 mm

Overhang length L_1 incl. recess: 46 mm

Recess Ø D_1 : 11.6 mm

Overall length L: 93 mm

Shank Ø D_s : 12 mm

Technical description

Overhang length L_1 incl. recess	46 mm
Shank Ø D_s	12 mm
Direction of infeed	horizontal, oblique and vertical
Feed f_z for side milling in steel < 900 N/mm ²	0.09 mm

No. of teeth Z	3
Tolerance nominal Ø	f8
Flute length L _c	26 mm
Cutting edge Ø D _c	12 mm
Recess Ø D ₁	11.6 mm
Shank	DIN 6535 HB to h6
Overall length L	93 mm
Feed f _z for slot milling in steel < 900 N/mm ²	0.07 mm
Helix angle	38 degrees
Corner rounding r _v	0.6 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×D for side milling
Cutting width a _e for milling operation	Full slot cutting depth 1×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 Ø tool 12 mm	SZ2025 12
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