

Garant
**GARANT Master Steel PickPocket solid carbide roughing end mill HPC, TiAlN,
 Ø f8 DC: 11,7 mm**

Order data

Order number	202404 11,7
GTIN	4045197781246
Item class	11X

Description
Version:

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 : 26 mm

Overhang length L_1 incl. recess: 36 mm

Recess Ø D_1 : 11.5 mm

Overall length L: 83 mm

Shank Ø D_s : 12 mm

Technical description

Direction of infeed	horizontal, oblique and vertical
Overhang length L_1 incl. recess	36 mm
Feed f_z for slot milling in steel < 900 N/mm ²	0.07 mm
Overall length L	83 mm

No. of teeth Z	3
Shank $\varnothing D_s$	12 mm
Shank	DIN 6535 HB to h6
Cutting edge $\varnothing D_c$	11.7 mm
Recess $\varnothing D_1$	11.5 mm
Flute length L_c	26 mm
Tolerance nominal \varnothing	f8
Feed f_z for side milling in steel < 900 N/mm ²	0.09 mm
Helix angle	38 degrees
Corner rounding r_v	0.59 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	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