

**Garant**
**GARANT Master Steel PickPocket solid carbide roughing end mill HPC, TiAlN,  
 Ø f8 DC: 9 mm**

**Order data**

Order number	202404 9
GTIN	4045197781215
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  $L_c$ : 22 mm

Overhang length  $L_1$  incl. recess: 30 mm

Recess Ø  $D_1$ : 8.8 mm

Overall length L: 72 mm

Shank Ø  $D_s$ : 10 mm

**Technical description**

Shank Ø $D_s$	10 mm
Shank	DIN 6535 HB to h6
Overall length L	72 mm
Flute length $L_c$	22 mm

Direction of infeed	horizontal, oblique and vertical
Overhang length $L_1$ incl. recess	30 mm
Recess $\varnothing D_1$	8.8 mm
Tolerance nominal $\varnothing$	f8
Cutting edge $\varnothing D_c$	9 mm
Feed $f_z$ for slot milling in steel < 900 N/mm <sup>2</sup>	0.06 mm
No. of teeth Z	3
Feed $f_z$ for side milling in steel < 900 N/mm <sup>2</sup>	0.08 mm
Helix angle	38 degrees
Corner rounding $r_v$	0.45 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