

Garant

GARANT Master Steel PickPocket solid carbide roughing end mill HPC, TiAlN, Ø f8 DC: 8,7 mm



Order data

Order number	202406 8,7
GTIN	4045197781406
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 : 22 mm

Overhang length L_1 incl. recess: 38 mm

Recess Ø D_1 : 8.4 mm

Overall length L: 80 mm

Shank Ø D_s : 10 mm

Technical description

Shank Ø D_s	10 mm
Tolerance nominal Ø	f8
Cutting edge Ø D_c	8.7 mm
Direction of infeed	horizontal, oblique and vertical

Flute length L_c	22 mm
Overall length L	80 mm
Feed f_z for slot milling in steel $< 900 \text{ N/mm}^2$	0.06 mm
No. of teeth Z	3
Overhang length L_1 incl. recess	38 mm
Feed f_z for side milling in steel $< 900 \text{ N/mm}^2$	0.08 mm
Shank	DIN 6535 HB to h6
Recess $\varnothing D_1$	8.4 mm
Helix angle	38 degrees
Corner rounding r_v	0.44 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