

Garant

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



Order data

Order number	202406 11,7
GTIN	4045197781444
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 : 11.3 mm

Overall length L: 93 mm

Shank Ø D_s : 12 mm

Technical description

Feed f_z for slot milling in steel < 900 N/mm ²	0.07 mm
Overhang length L_1 incl. recess	46 mm
Flute length L_c	26 mm
Recess Ø D_1	11.3 mm

Cutting edge $\varnothing D_c$	11.7 mm
Overall length L	93 mm
Shank	DIN 6535 HB to h6
Tolerance nominal $\varnothing$	f8
Direction of infeed	horizontal, oblique and vertical
No. of teeth Z	3
Feed f_z for side milling in steel $< 900 \text{ N/mm}^2$	0.09 mm
Shank $\varnothing D_s$	12 mm
Helix angle	38 degrees
Corner rounding r_v	0.59 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