

Garant

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



Order data

Order number	202402 12
GTIN	4045197853714
Item class	11X

Description

Version:

Corner radii matched to DIN specifications for **drive keyways**.

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 : 12 mm

Overall length L: 73 mm

Shank Ø D_s : 12 mm

Corner rounding r_v : 0.32 mm

Feed f_z for slot milling in steel < 900 N/mm²: 0.07 mm

Technical description

Overall length L	73 mm
Tolerance nominal Ø	f8
Shank	DIN 6535 HB to h6

Shank $\varnothing D_s$	12 mm
Direction of infeed	horizontal, oblique and vertical
Flute length L_c	12 mm
Cutting edge $\varnothing D_c$	12 mm
No. of teeth Z	3
Feed f_z for side milling in steel < 900 N/mm ²	0.09 mm
Feed f_z for slot milling in steel < 900 N/mm ²	0.07 mm
Helix angle	38 degrees
Corner rounding r_v	0.32 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	Full slot cutting depth 1xD
Cutting width a_e for milling operation	0.4xD for side milling
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 \varnothing tool 12 mm

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