

Garant

GARANT Master Steel PickPocket solid carbide roughing end mill HPC, TiAlN, Ø f8 DC: 19,5 mm



Order data

Order number	202406 19,5
GTIN	4045197781529
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 : 41 mm

Overhang length L_1 incl. recess: 74 mm

Recess Ø D_1 : 19 mm

Overall length L: 126 mm

Shank Ø D_s : 20 mm

Technical description

Shank	DIN 6535 HB to h6
Tolerance nominal Ø	f8
Flute length L_c	41 mm
Direction of infeed	horizontal, oblique and vertical

Feed f_z for side milling in steel < 900 N/mm ²	0.13 mm
Cutting edge $\varnothing D_c$	19.5 mm
Overhang length L_1 incl. recess	74 mm
Overall length L	126 mm
Shank $\varnothing D_s$	20 mm
Feed f_z for slot milling in steel < 900 N/mm ²	0.1 mm
Recess $\varnothing D_1$	19 mm
No. of teeth Z	3
Helix angle	38 degrees
Corner rounding r_v	0.98 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×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