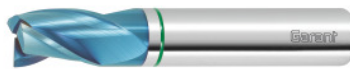


Garant
GARANT Master Steel solid carbide mini milling cutter HPC, TiAlN, Ø e8 DC: 1 mm

Order data

Order number	202289 1
GTIN	4062406271053
Item class	11X

Description
Version:

Extra short cutter for maximum stability. **Shank length to DIN** for improved support of the tool in the holder. This significantly increases the tool life.

Save the regrinding costs: It is cheaper to use a carbide mini slot drill to the limit of wear and throw it away, than to regrind it.

Tool for **general-purpose machining**.

Note:

HB shanks are available at the same price as HA.

For **HB** shanks use order **no. 202291**.

Tolerance nominal Ø: e8

No. of teeth Z: 3

Helix angle: 30 degrees

Direction of infeed: horizontal, oblique and vertical

Shank: DIN 6535 HA to h6

No. of teeth Z: 3

Flute length L_c : 2 mm

Overall length L: 38 mm

Shank Ø D_s : 3 mm

Feed f_z for slot milling in steel < 900 N/mm²: 0.005 mm

Feed f_z for side milling in steel < 900 N/mm²: 0.006 mm

Technical description

Flute length L_c	2 mm
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Direction of infeed	horizontal, oblique and vertical
Feed f_z for slot milling in steel < 900 N/mm ²	0.005 mm
Shank	DIN 6535 HA to h6
Shank $\varnothing D_s$	3 mm
Cutting edge $\varnothing D_c$	1 mm
Overall length L	38 mm
Tolerance nominal \varnothing	e8
Feed f_z for side milling in steel < 900 N/mm ²	0.006 mm
No. of teeth Z	3
Helix angle	30 degrees
Corner chamfer angle	90 degrees
Series	GARANT Master Steel
Coating	TiAlN
Tool material	Solid carbide
Standard	Manufacturer's standard
Type	N
Helix angle characteristic	unequal spacing
Cutting width a_e for milling operation	Full slot cutting depth 1xD
Cutting width a_e for milling operation	Full slot cutting depth 1xD
Through-coolant	no
Machining strategy	HPC
Colour ring	green
Type of product	End mill