Garant

GARANT Master Steel solid carbide mini-milling cutter HPC, TiAlN, ∅ e8 DC: 2,5 mm



Order data

Order number	202291 2,5
GTIN	4062406271534
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.**
Tolerance nominal ∅: e8
No. of teeth Z: 3
Helix angle: 30 degrees
Direction of infeed: horizontal, oblique and vertical
Shank: DIN 6535 HB to h6
No. of teeth Z: 3
Flute length L_c: 5 mm
Overall length L: 50 mm
Shank ∅ D_s: 6 mm
Feed f_z for slot milling in steel < 900 N/mm^2: 0.01 mm
Feed f_z for side milling in steel < 900 N/mm^2: 0.012 mm

Technical description

Shank	DIN 6535 HB to h6
No. of teeth Z	3
Feed f_z for side milling in steel < 900 N/mm^2	0.012 mm

Feed f_z for slot milling in steel < 900 N/mm^2	0.01 mm
Tolerance nominal ∅	e8
Flute length L_c	5 mm
Cutting edge ∅ D_C	2.5 mm
Overall length L	50 mm
Helix angle	30 degrees
Shank ∅ D_s	6 mm
Direction of infeed	horizontal, oblique and vertical
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 1×D
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