

Garant
GARANT Master Steel solid carbide mini-milling cutter HPC, TiAlN, Ø e8 DC: 12 mm

Order data

Order number	202297 12
GTIN	4062406272166
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 Ø: e8

No. of teeth Z: 3

Helix angle: 45 degrees

Direction of infeed: horizontal, oblique and vertical

Shank: DIN 6535 HB to h6

No. of teeth Z: 3

Flute length L_c : 16 mm

Overall length L: 73 mm

Shank Ø D_s : 12 mm

Corner chamfer width at 45°: 0.05 mm

Feed f_z for slot milling in steel < 900 N/mm²: 0.06 mm

Technical description

No. of teeth Z	3
Helix angle	45 degrees
Shank	DIN 6535 HB to h6

Feed f_z for slot milling in steel $< 900 \text{ N/mm}^2$	0.06 mm
Direction of infeed	horizontal, oblique and vertical
Tolerance nominal $\varnothing$	e8
Corner chamfer width at 45°	0.05 mm
Overall length L	73 mm
Shank $\varnothing D_s$	12 mm
Feed f_z for side milling in steel $< 900 \text{ N/mm}^2$	0.07 mm
Flute length L_c	16 mm
Cutting edge $\varnothing D_c$	12 mm
Corner chamfer angle	45 degrees
Series	GARANT Master Steel
Coating	TiAlN
Tool material	Solid carbide
Standard	Manufacturer's standard
Type	N
Cutting width a_e for milling operation	Full slot cutting depth $1 \times D$
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