

Garant
GARANT Master Steel solid carbide mini-milling cutter HPC, TiAlN, Ø e8 DC: 16 mm

Order data

Order number	202291 16
GTIN	4062406271848
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: 30 degrees

Direction of infeed: horizontal, oblique and vertical

Shank: DIN 6535 HB to h6

No. of teeth Z: 3

Flute length L_c : 18 mm

Overall length L: 82 mm

Shank Ø D_s : 16 mm

Feed f_z for slot milling in steel < 900 N/mm²: 0.08 mm

Feed f_z for side milling in steel < 900 N/mm²: 0.09 mm

Technical description

Cutting edge Ø D_c	16 mm
Helix angle	30 degrees
Feed f_z for slot milling in steel < 900 N/mm ²	0.08 mm

Shank	DIN 6535 HB to h6
Feed f_z for side milling in steel $< 900 \text{ N/mm}^2$	0.09 mm
Direction of infeed	horizontal, oblique and vertical
Overall length L	82 mm
Flute length L_c	18 mm
Tolerance nominal \varnothing	e8
Shank $\varnothing D_s$	16 mm
No. of teeth Z	3
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 $1 \times D$
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