

Garant
GARANT Master Steel solid carbide slot drill, TiAlN, Ø DC: 2 mm

Order data

Order number	201646 2
GTIN	4062406297831
Item class	11X

Description
Version:
Eccentric relief ground for stronger cutting edges.

Dimensions similar to DIN 6527.

Advantage:
Optimised flute geometry for improved chip evacuation.

Note:
Successor product to No. 201645.

Tolerance nominal Ø: f8

No. of teeth Z: 2

Helix angle: 38 degrees

Direction of infeed: horizontal, oblique and vertical

Shank: DIN 6535 HA to h6

No. of teeth Z: 2

 Flute length L_c : 4 mm

 Overhang length L_1 incl. recess: 8 mm

 Recess Ø D_1 : 1.9 mm

Overall length L: 38 mm

 Shank Ø D_s : 3 mm

Technical description

Shank	DIN 6535 HA to h6
Corner chamfer angle	90 degrees
Overall length L	38 mm
Shank Ø D_s	3 mm

Helix angle	38 degrees
No. of teeth Z	2
Flute length L_c	4 mm
Recess $\varnothing D_1$	1.9 mm
Corner chamfer width at 45°	0.05 mm
Direction of infeed	horizontal, oblique and vertical
Tolerance nominal \varnothing	f8
Feed f_z for side milling in steel < 750 N/mm ²	0.09 mm
Feed f_z for slot milling in steel < 750 N/mm ²	0.008 mm
Cutting edge $\varnothing D_c$	2 mm
Overhang length L_1 incl. recess	8 mm
Series	GARANT Master Steel
Coating	TiAlN
Tool material	Solid carbide
Standard	DIN 6527
Type	N
Cutting width a_e for milling operation	Full slot cutting depth 1×D
Cutting width a_e for milling operation	0.5×D for side milling
Through-coolant	no
Machining strategy	HPC
Colour ring	green
Type of product	End mill