

Garant
GARANT Master Steel solid carbide slot drill, TiAlN, Ø DC: 5 mm

Order data

Order number	201646 5
GTIN	4062406297862
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 : 10 mm

 Overhang length L_1 incl. recess: 15.5 mm

 Recess Ø D_1 : 4.8 mm

Overall length L: 57 mm

 Shank Ø D_s : 6 mm

Technical description

Direction of infeed	horizontal, oblique and vertical
Feed f_z for side milling in steel < 750 N/mm ²	0.023 mm
Cutting edge Ø D_c	5 mm
Flute length L_c	10 mm

Overall length L	57 mm
Tolerance nominal \varnothing	f8
Shank $\varnothing D_s$	6 mm
Corner chamfer width at 45°	0.1 mm
Corner chamfer angle	45 degrees
Helix angle	38 degrees
Shank	DIN 6535 HA to h6
No. of teeth Z	2
Overhang length L_1 incl. recess	15.5 mm
Recess $\varnothing D_1$	4.8 mm
Feed f_z for slot milling in steel < 750 N/mm ²	0.02 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

Services

Shank grinding Type HB

129100 HB