

Garant
GARANT Master INOX solid carbide slot drill HPC, TiAlN, Ø e8 DC: 1 mm

Order data

Order number	201647 1
GTIN	4062406112943
Item class	11X

Description
Version:

Double relief ground **2 chamfers hollow ground** for use in **HPC applications**.

Greater oxidation resistance and high-temperature hardness.

Can be used at high cutting speeds, particularly suitable even for Toolox®.

Note:

Successor product to No. 201644.

Tolerance nominal Ø: e8

No. of teeth Z: 2

Helix angle: 50 degrees

Direction of infeed: horizontal, oblique and vertical

Shank: DIN 6535 HA to h6

No. of teeth Z: 2

Flute length L_c : 3 mm

Overhang length L_1 incl. recess: 13 mm

Recess Ø D_1 : 0.95 mm

Overall length L: 57 mm

Shank Ø D_s : 6 mm

Technical description

Feed f_z for side milling in INOX < 900 N/mm ²	0.01 mm
Flute length L_c	3 mm
Feed f_z for slot milling in stainless steel < 900 N/mm ²	0.008 mm
Cutting edge Ø D_c	1 mm

Shank	DIN 6535 HA to h6
Tolerance nominal Ø	e8
Helix angle	50 degrees
Shank Ø D _s	6 mm
Direction of infeed	horizontal, oblique and vertical
Recess Ø D ₁	0.95 mm
Overall length L	57 mm
No. of teeth Z	2
Overhang length L ₁ incl. recess	13 mm
Corner chamfer width at 45°	0.02 mm
Corner chamfer angle	45 degrees
Series	GARANT Master INOX
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	Full slot cutting depth 1×D
Through-coolant	no
Machining strategy	HPC
Colour ring	blue
Type of product	End mill

Services

Shank grinding Type HB	129100 HB
------------------------	-----------