Garant

GARANT Master INOX solid carbide slot drill HPC, TiAlN, ∅ e8 DC: 20 mm

Order data

Order number	201647 20
GTIN	4062406113544
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 ∅: 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: 38 mm
Overhang length L_1 incl. recess: 54 mm
Recess ∅ D_1: 19.7 mm
Overall length L: 104 mm
Shank ∅ D_s: 20 mm

Technical description

Corner chamfer width at 45°	0.4 mm
Overall length L	104 mm
Feed f_z for side milling in INOX < 900 N/mm^2	0.13 mm
Shank ∅ D_s	20 mm

Tolerance nominal ∅	e8
Feed f_z for slot milling in stainless steel < 900 N/mm^2	0.11 mm
Flute length L_c	38 mm
Helix angle	50 degrees
No. of teeth Z	2
Overhang length L_1 incl. recess	54 mm
Direction of infeed	horizontal, oblique and vertical
Shank	DIN 6535 HA to h6
Recess ∅ D_1	19.7 mm
Cutting edge ∅ D_C	20 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 clamping flats for shrink-fit chucks, with retainer function Shank ∅ tool 20 mm	SZ2025 20
Shank recess Type FRST	209900 FRST
Shank grinding Type HB	129100 HB