

Garant
GARANT Master Steel solid carbide slot drill, TiAlN, Ø DC: 20 mm

Order data

Order number	201646 20
GTIN	4062406297923
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 : 32 mm

 Overhang length L_1 incl. recess: 52 mm

 Recess Ø D_1 : 19.8 mm

Overall length L: 104 mm

 Shank Ø D_s : 20 mm

Technical description

Helix angle	38 degrees
Overall length L	104 mm
Cutting edge Ø D_c	20 mm
Feed f_z for slot milling in steel < 750 N/mm ²	0.1 mm

Corner chamfer angle	45 degrees
Shank $\varnothing D_s$	20 mm
Corner chamfer width at 45°	0.1 mm
Flute length L_c	32 mm
Tolerance nominal \varnothing	f8
Shank	DIN 6535 HA to h6
Overhang length L_1 incl. recess	52 mm
Feed f_z for side milling in steel < 750 N/mm ²	0.12 mm
No. of teeth Z	2
Recess $\varnothing D_1$	19.8 mm
Direction of infeed	horizontal, oblique and vertical
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 1xD
Cutting width a_e for milling operation	0.5xD for side milling
Through-coolant	no
Machining strategy	HPC
Colour ring	green
Type of product	End mill

Services

Shank recess Type FRST	209900 FRST
Shank clamping flats for shrink-fit chucks, with retainer function Shank \varnothing tool 20 mm	SZ2025 20
Shank grinding Type HB	129100 HB

