

Garant
GARANT Master Steel solid carbide slot drill, TiAlN, Ø DC: 6 mm

Order data

Order number	201646 6
GTIN	4062406297879
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: 20 mm

 Recess Ø D_1 : 5.8 mm

Overall length L: 57 mm

 Shank Ø D_s : 6 mm

Technical description

Flute length L_c	10 mm
Tolerance nominal Ø	f8
Cutting edge Ø D_c	6 mm
Shank Ø D_s	6 mm

Overall length L	57 mm
Feed f_z for slot milling in steel < 750 N/mm ²	0.03 mm
Recess $\varnothing D_1$	5.8 mm
Feed f_z for side milling in steel < 750 N/mm ²	0.033 mm
Shank	DIN 6535 HA to h6
Helix angle	38 degrees
No. of teeth Z	2
Direction of infeed	horizontal, oblique and vertical
Overhang length L_1 incl. recess	20 mm
Corner chamfer width at 45°	0.1 mm
Corner chamfer angle	45 degrees
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
Shank recess Type FRST	209900 FRST