

Garant
Solid carbide ball nose slot drill HPC, TiAlN, Ø f8 DC / DS: 12 mm

Order data

Order number	207478 12
GTIN	4045197455604
Item class	11X

Description
Version:

Special geometry and **coating** for machining **stainless and acid-resistant steels**. 4 end faces up to the centre. Therefore can be used as a true **4-edge drill** at all depths of cut.

Tolerance: Radius contour = ± 0.005 mm.

Note:

New generation available! Successor product is No. 207474.

No. of teeth Z: 4

Helix angle: 45 degrees

No. of teeth Z: 4

Flute length L_c : 16 mm

Overall length L: 100 mm

Shank $\varnothing D_s$: 12 mm

Feed f_z for side milling in INOX < 900 N/mm²: 0.045 mm

Feed f_z for copy milling in stainless steel < 900 N/mm²: 0.051 mm

Technical description

Cutting edge $\varnothing D_c$	12 mm
Feed f_z for copy milling in stainless steel < 900 N/mm ²	0.051 mm
No. of teeth Z	4
Feed f_z for side milling in INOX < 900 N/mm ²	0.045 mm
Shank $\varnothing D_s$	12 mm
Overall length L	100 mm
Flute length L_c	16 mm

Helix angle	45 degrees
Radius R	6 mm
Coating	TiAlN
Tool material	Solid carbide
Standard	Manufacturer's standard
Type	N
Tolerance nominal \varnothing	f8
Direction of infeed	horizontal, oblique and vertical
Cutting width a_e for milling operation	0.05×D for copy milling
Cutting width a_e for milling operation	0.5×D for side milling
Shank	DIN 6535 HA to h6
Through-coolant	no
Machining strategy	HPC
Colour ring	blue
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 12 mm	SZ2025 12
Shank grinding Type HB	129100 HB